

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086304.D
 Acq On : 16 Apr 2025 18:03
 Operator : JC\MD
 Sample : VN0416MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 03:08:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	196085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	364497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153214	53.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.760%			
35) Dibromofluoromethane	8.165	113	94450	55.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.660%			
50) Toluene-d8	10.565	98	482912	53.413	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.847	95	172716	52.375	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44728	19.242	ug/l	99
3) Chloromethane	2.359	50	62482	18.495	ug/l	99
4) Vinyl Chloride	2.512	62	58668	18.199	ug/l	96
5) Bromomethane	2.959	94	29251	20.172	ug/l	98
6) Chloroethane	3.124	64	38215	17.712	ug/l	96
7) Trichlorofluoromethane	3.501	101	66414	18.599	ug/l	99
8) Diethyl Ether	3.959	74	28803	18.476	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	40688	18.835	ug/l	99
10) Methyl Iodide	4.589	142	49243	20.734	ug/l	99
11) Tert butyl alcohol	5.518	59	49797	95.984	ug/l	100
12) 1,1-Dichloroethene	4.348	96	42798	18.544	ug/l	97
13) Acrolein	4.177	56	21359	77.904	ug/l	97
14) Allyl chloride	5.024	41	77434	18.874	ug/l	94
15) Acrylonitrile	5.718	53	120030	93.590	ug/l	99
16) Acetone	4.424	43	97898	96.068	ug/l	99
17) Carbon Disulfide	4.712	76	119497	17.292	ug/l	99
18) Methyl Acetate	5.024	43	61868	18.126	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	155419	18.320	ug/l	100
20) Methylene Chloride	5.277	84	48762	18.550	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	43713	18.117	ug/l	98
22) Diisopropyl ether	6.665	45	158059	17.710	ug/l	99
23) Vinyl Acetate	6.600	43	571901	91.666	ug/l	99
24) 1,1-Dichloroethane	6.559	63	86902	18.454	ug/l	98
25) 2-Butanone	7.477	43	163508	92.384	ug/l	98
26) 2,2-Dichloropropane	7.488	77	74623	17.699	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	54543	18.213	ug/l	98
28) Bromochloromethane	7.812	49	44480	22.277	ug/l	97
29) Tetrahydrofuran	7.836	42	106259	89.782	ug/l	99
30) Chloroform	7.959	83	84861	18.345	ug/l	96
31) Cyclohexane	8.259	56	83360	18.090	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	74787	18.899	ug/l	96
36) 1,1-Dichloropropene	8.365	75	61317	18.147	ug/l	99
37) Ethyl Acetate	7.559	43	64095	18.018	ug/l	99
38) Carbon Tetrachloride	8.359	117	59144	18.381	ug/l	97
39) Methylcyclohexane	9.600	83	71147	17.715	ug/l	97
40) Benzene	8.600	78	200763	18.545	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	35822	17.375	ug/l	95
42) 1,2-Dichloroethane	8.665	62	64718	18.747	ug/l	100
43) Isopropyl Acetate	8.683	43	128777	18.744	ug/l	98
44) Trichloroethene	9.347	130	47831	18.641	ug/l	97
45) 1,2-Dichloropropane	9.618	63	48863	18.439	ug/l	100
46) Dibromomethane	9.706	93	32143	19.037	ug/l	97
47) Bromodichloromethane	9.882	83	68607	18.814	ug/l	99
48) Methyl methacrylate	9.677	41	53903	17.255	ug/l	97
49) 1,4-Dioxane	9.688	88	20069	377.689	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	334616	91.861	ug/l	99
52) Toluene	10.629	92	124153	18.380	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75822	18.626	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	80859	18.085	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	45143	18.575	ug/l	98
56) Ethyl methacrylate	10.871	69	80007	17.909	ug/l	98
57) 1,3-Dichloropropane	11.159	76	79671	18.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	168925	79.668	ug/l	100
59) 2-Hexanone	11.194	43	248514	91.979	ug/l	99
60) Dibromochloromethane	11.353	129	49886	18.693	ug/l	99
61) 1,2-Dibromoethane	11.465	107	45678	18.627	ug/l	100
64) Tetrachloroethene	11.100	164	46421	18.742	ug/l	96
65) Chlorobenzene	11.888	112	131133	18.249	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43673	18.423	ug/l	98
67) Ethyl Benzene	11.959	91	232925	17.963	ug/l	100
68) m/p-Xylenes	12.065	106	174677	35.951	ug/l	99
69) o-Xylene	12.394	106	87716	18.255	ug/l	98
70) Styrene	12.406	104	144205	18.012	ug/l	100
71) Bromoform	12.576	173	32959	18.466	ug/l #	96
73) Isopropylbenzene	12.694	105	213720	18.127	ug/l	100
74) N-amyl acetate	12.488	43	97463	16.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	63929	18.858	ug/l	96
76) 1,2,3-Trichloropropane	12.988	75	60369m	17.749	ug/l	
77) Bromobenzene	12.976	156	48214	18.456	ug/l	98
78) n-propylbenzene	13.029	91	250403	18.023	ug/l	100
79) 2-Chlorotoluene	13.123	91	157882	18.161	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	175047	18.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27855	19.668	ug/l	95
82) 4-Chlorotoluene	13.218	91	155828	18.044	ug/l	99
83) tert-Butylbenzene	13.435	119	148259	17.731	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	177184	18.038	ug/l	100
85) sec-Butylbenzene	13.612	105	207625	17.902	ug/l	99
86) p-Isopropyltoluene	13.723	119	170115	17.795	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	89078	18.139	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	88733	17.939	ug/l	99
89) n-Butylbenzene	14.053	91	147605	17.420	ug/l	98
90) Hexachloroethane	14.329	117	28537	17.747	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	89853	18.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12673	18.540	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	43325	19.003	ug/l	100
94) Hexachlorobutadiene	15.494	225	16070	18.672	ug/l	99
95) Naphthalene	15.635	128	154921	19.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	40806	18.905	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

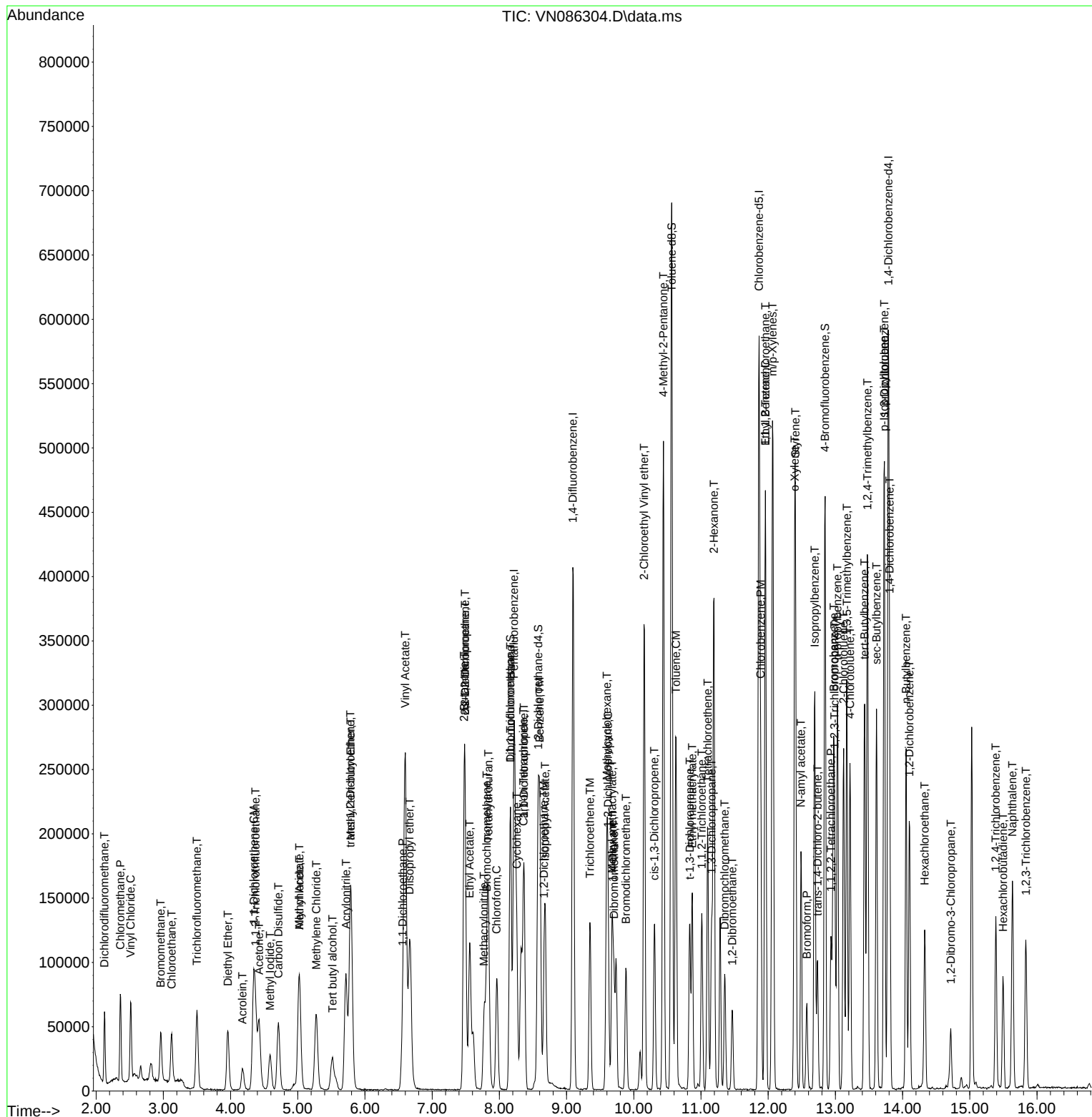
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
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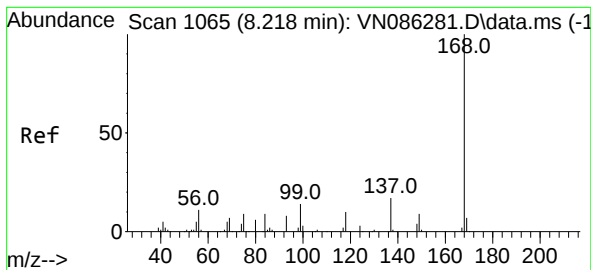
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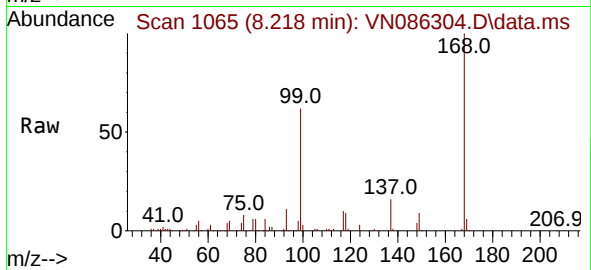
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

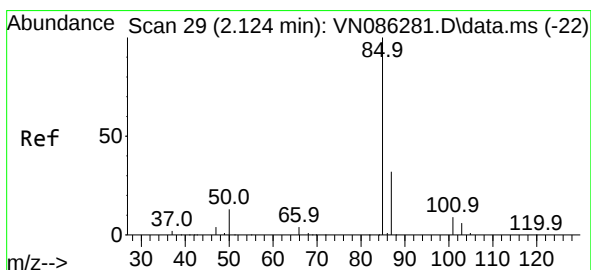
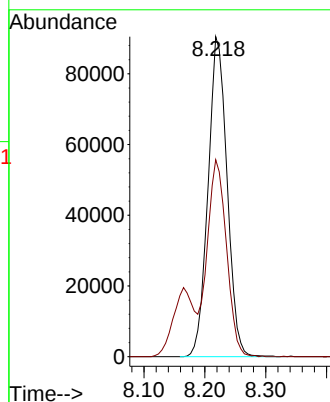
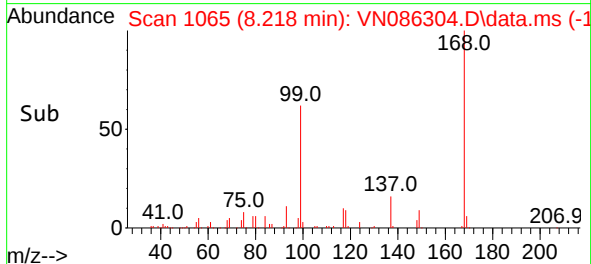
Instrument :
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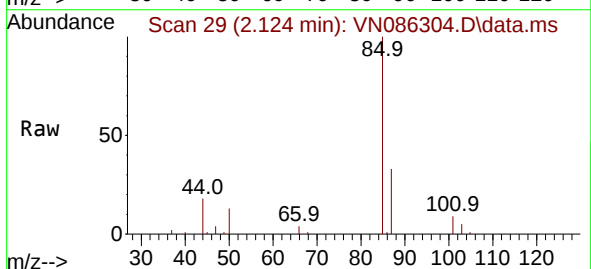
Tgt Ion:168 Resp: 196085
Ion Ratio Lower Upper
168 100
99 61.5 52.5 78.7

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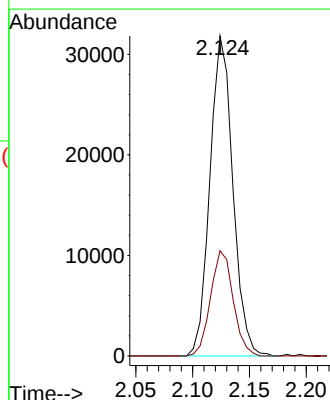
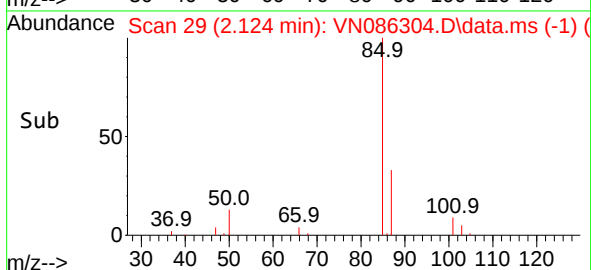
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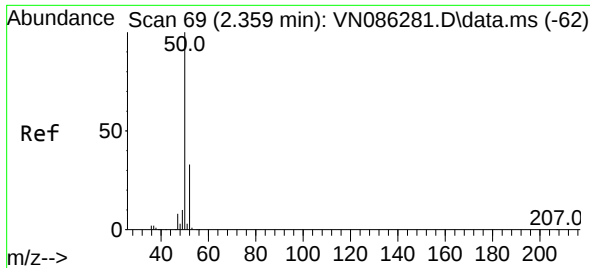


#2
Dichlorodifluoromethane
Concen: 19.242 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



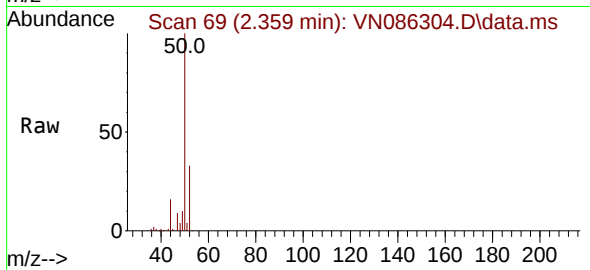
Tgt Ion: 85 Resp: 44728
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.8





#3
Chloromethane
Concen: 18.495 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

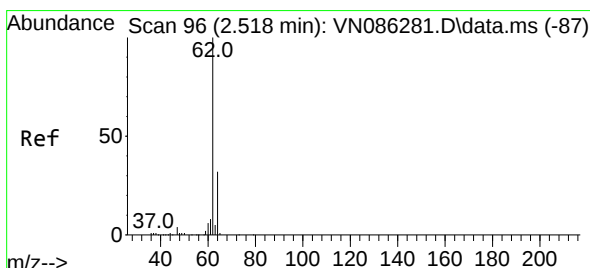
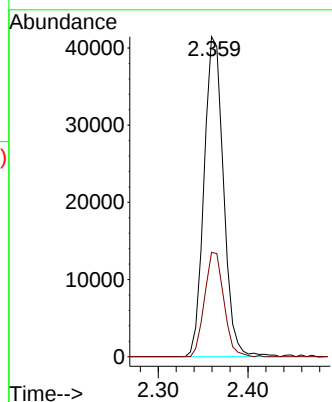
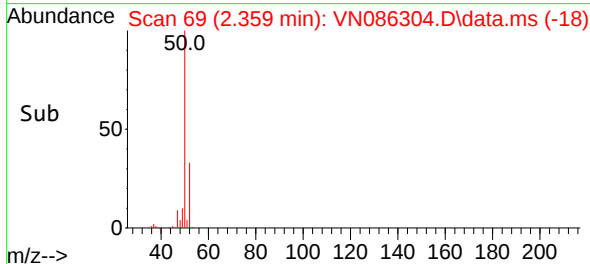
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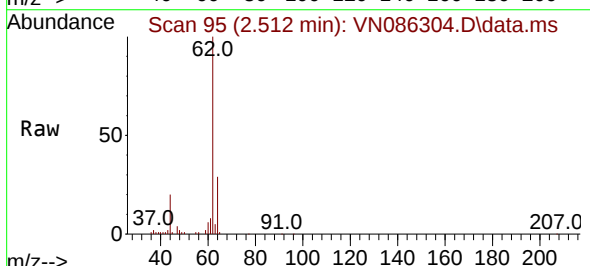
Tgt Ion: 50 Resp: 6248
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7

Manual Integrations
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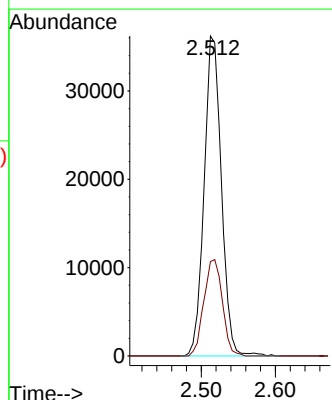
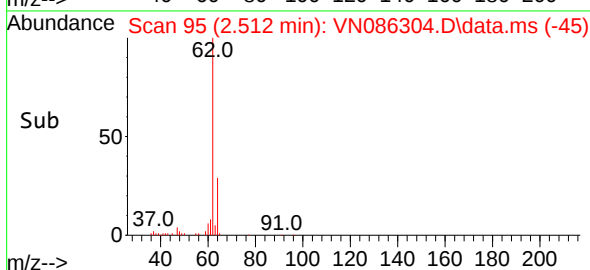
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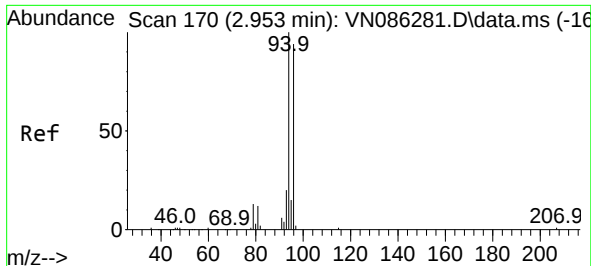


#4
Vinyl Chloride
Concen: 18.199 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



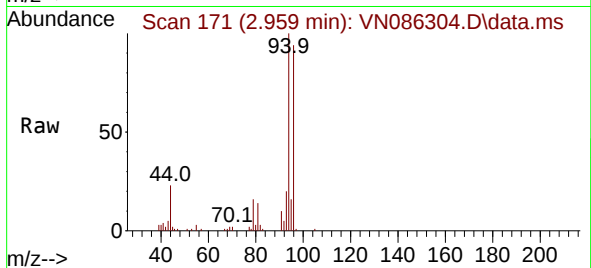
Tgt Ion: 62 Resp: 58668
Ion Ratio Lower Upper
62 100
64 29.5 25.6 38.4





#5
Bromomethane
Concen: 20.172 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

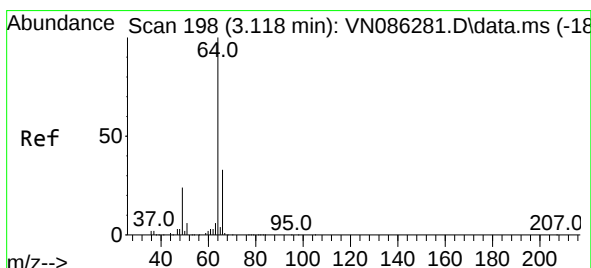
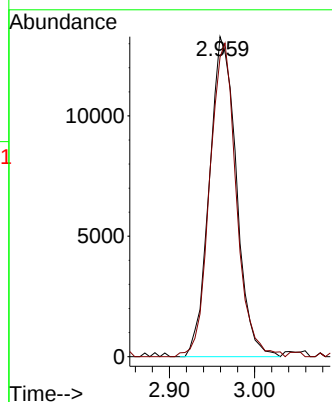
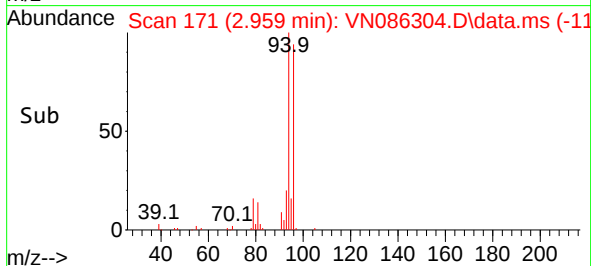
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Tgt Ion: 94 Resp: 2925
Ion Ratio Lower Upper
94 100
96 92.4 75.2 112.8

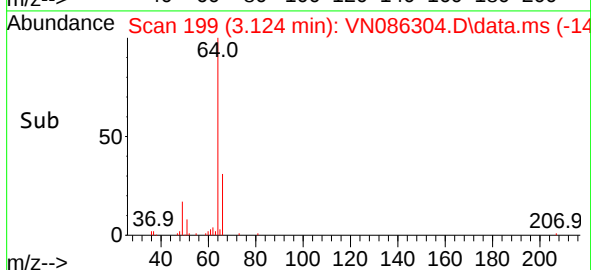
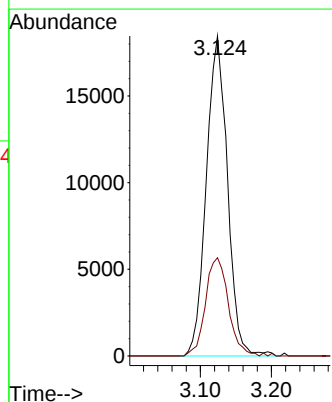
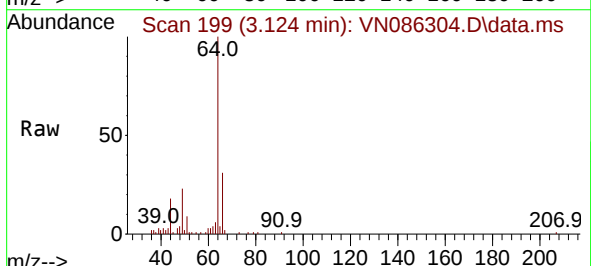
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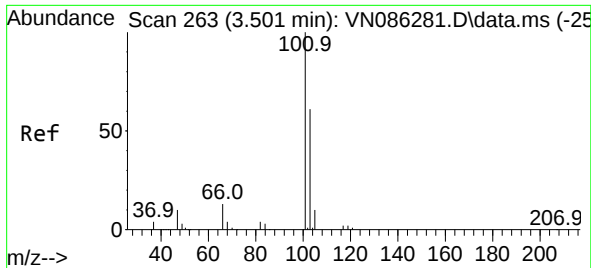
Reviewed By :John Carlone 04/17/2025
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#6
Chloroethane
Concen: 17.712 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

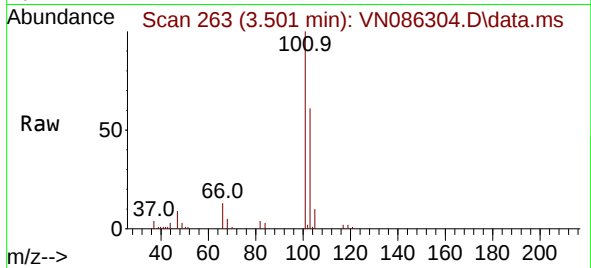
Tgt Ion: 64 Resp: 38215
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 18.599 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086304.D
 Acq: 16 Apr 2025 18:03

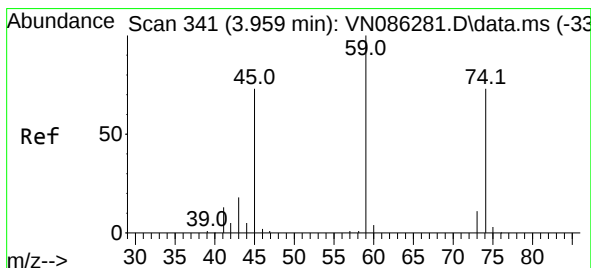
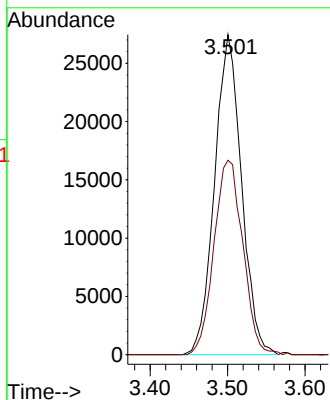
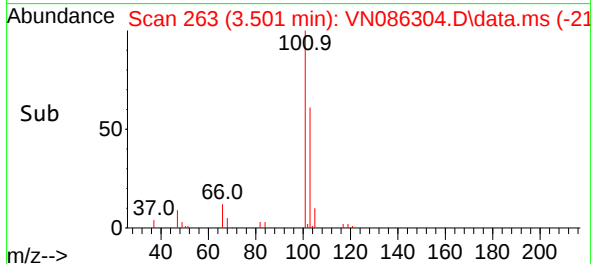
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Tgt Ion:101 Resp: 66414
 Ion Ratio Lower Upper
 101 100
 103 60.8 49.2 73.8

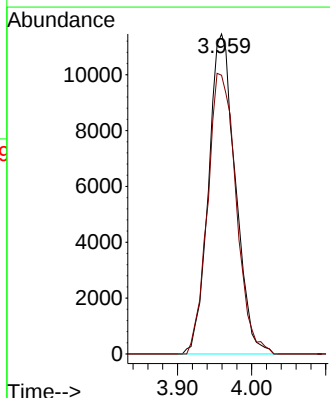
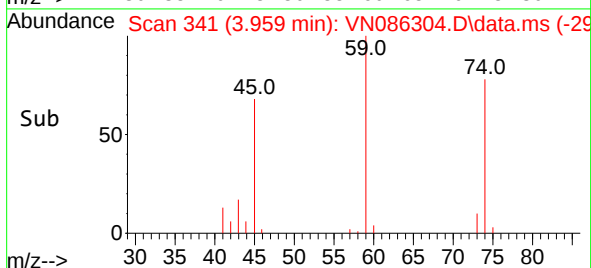
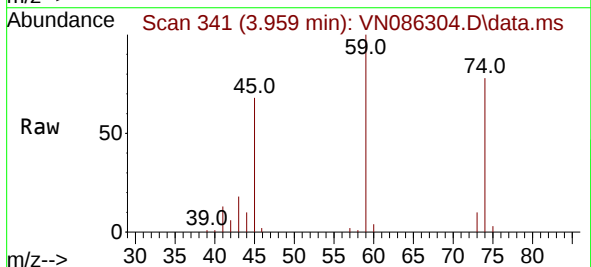
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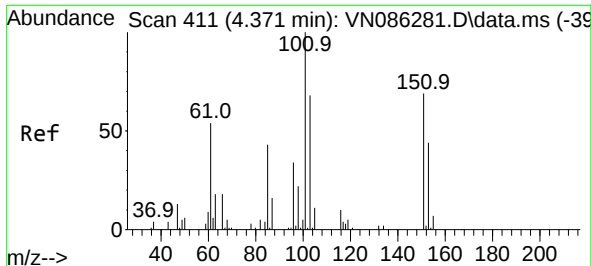
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#8
 Diethyl Ether
 Concen: 18.476 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086304.D
 Acq: 16 Apr 2025 18:03

Tgt Ion: 74 Resp: 28803
 Ion Ratio Lower Upper
 74 100
 45 93.3 48.0 144.2





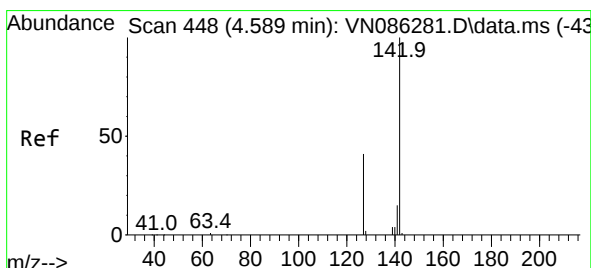
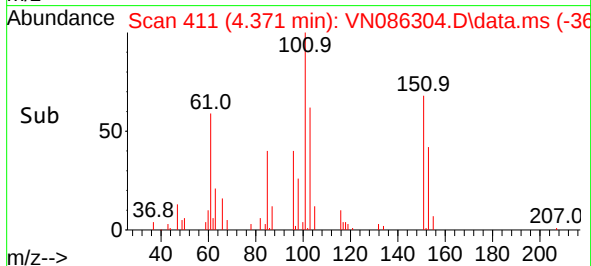
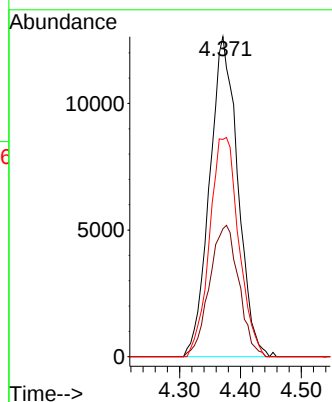
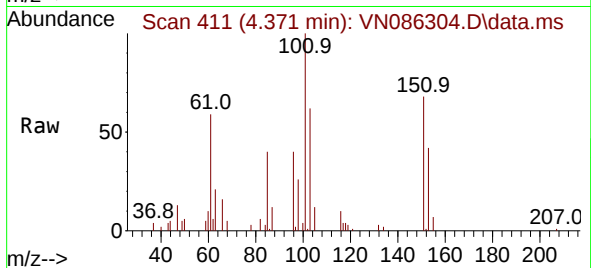
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.835 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion:101 Resp: 4068
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 70.7 56.1 84.1

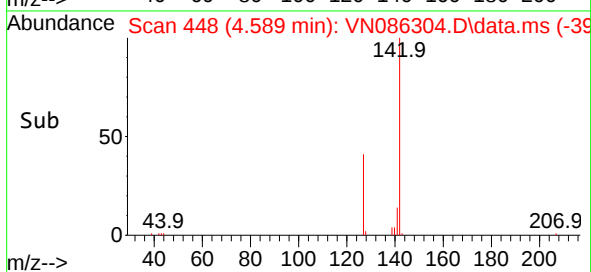
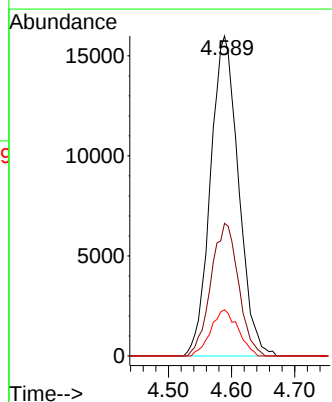
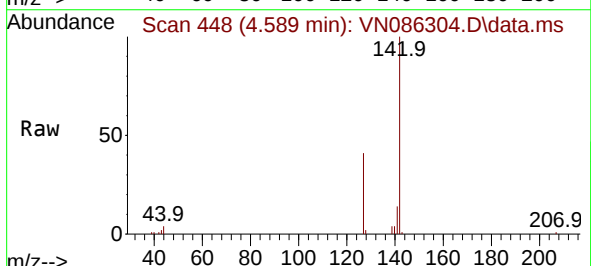
Manual Integrations
APPROVED

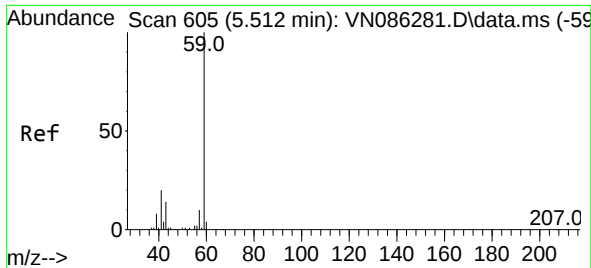
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Methyl Iodide
Concen: 20.734 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

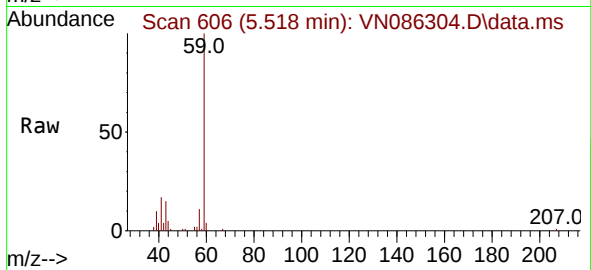
Tgt Ion:142 Resp: 49243
Ion Ratio Lower Upper
142 100
127 41.4 32.7 49.1
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 95.984 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

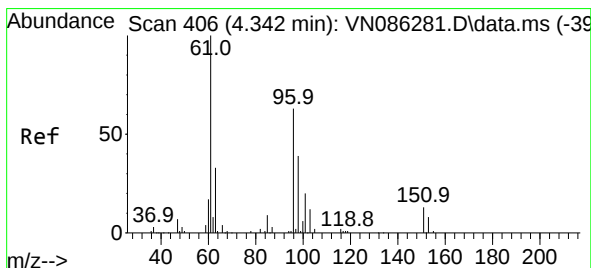
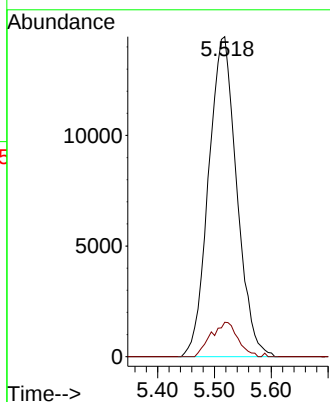
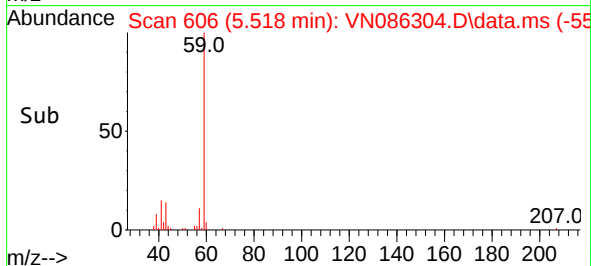
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



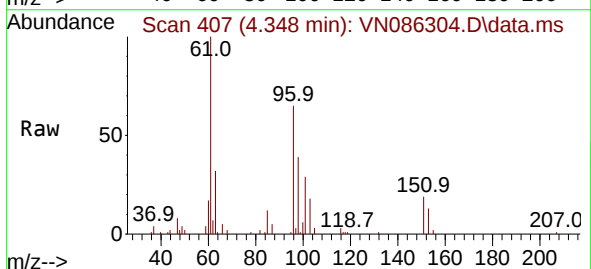
Tgt Ion: 59 Resp: 4979
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
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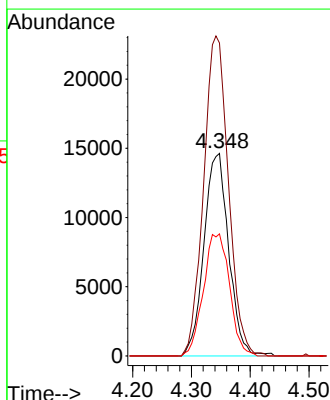
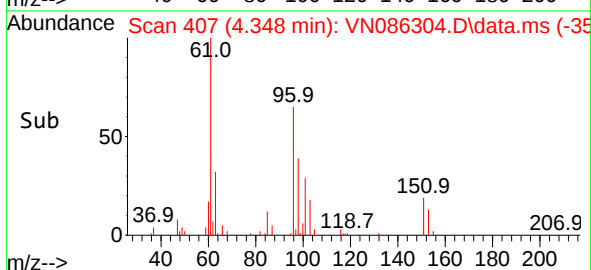
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

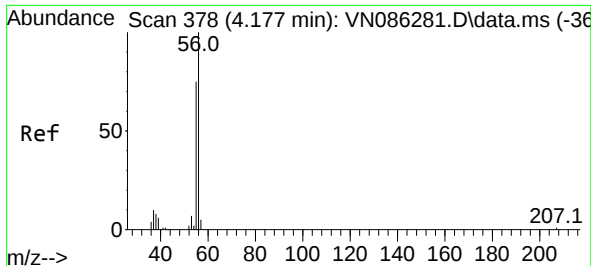


#12
1,1-Dichloroethene
Concen: 18.544 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



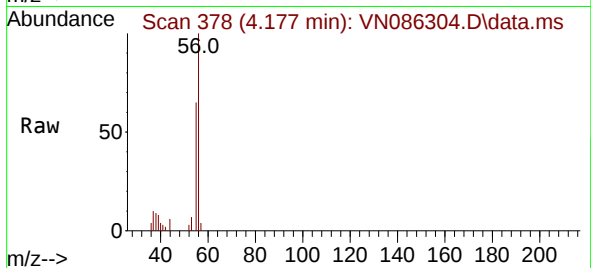
Tgt Ion: 96 Resp: 42798
Ion Ratio Lower Upper
96 100
61 154.5 126.6 189.8
98 60.2 49.6 74.4





#13
Acrolein
Concen: 77.904 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

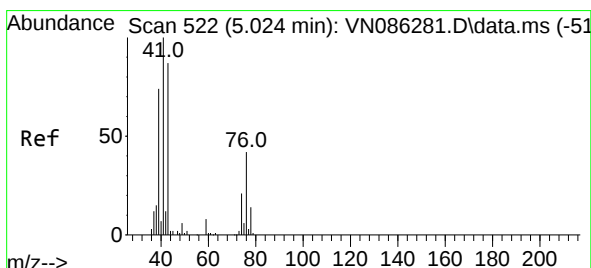
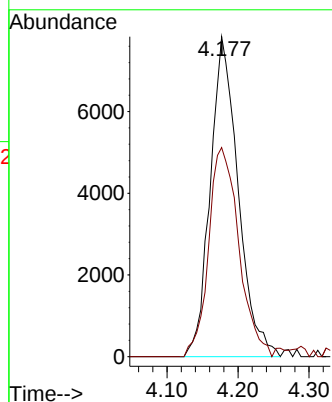
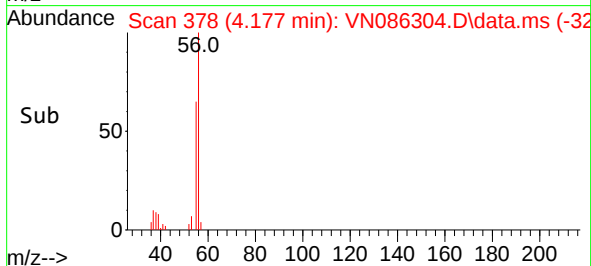
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



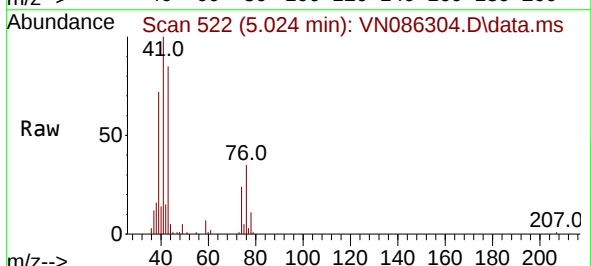
Tgt Ion: 56 Resp: 21359
Ion Ratio Lower Upper
56 100
55 70.7 58.5 87.7

Manual Integrations
APPROVED

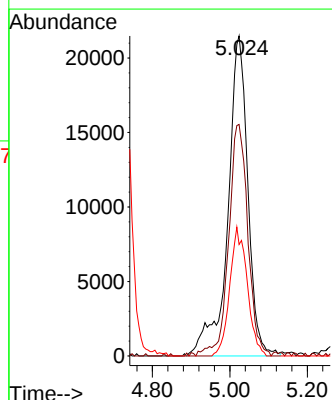
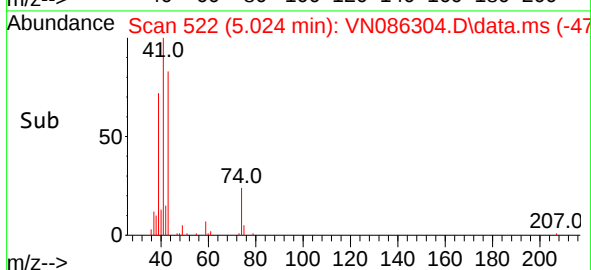
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

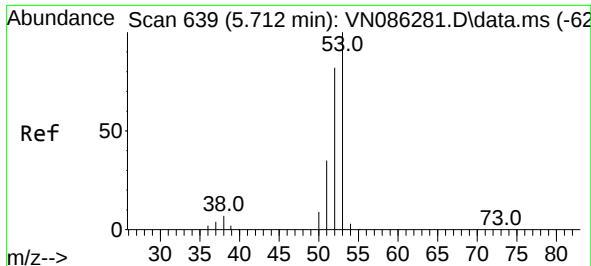


#14
Allyl chloride
Concen: 18.874 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



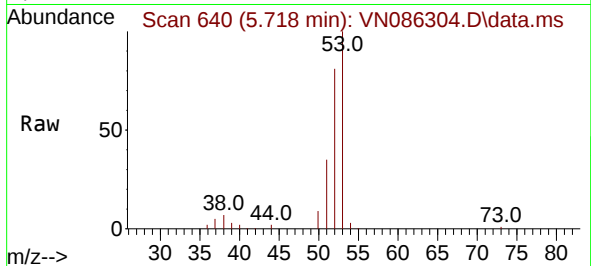
Tgt Ion: 41 Resp: 77434
Ion Ratio Lower Upper
41 100
39 69.0 59.2 88.8
76 35.1 31.2 46.8





#15
Acrylonitrile
Concen: 93.590 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

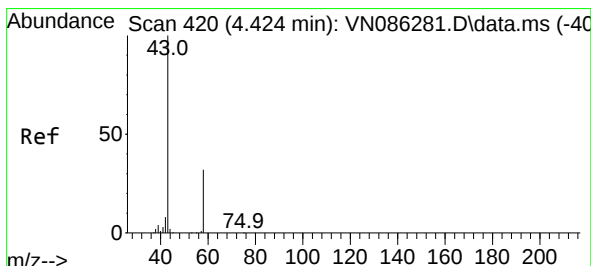
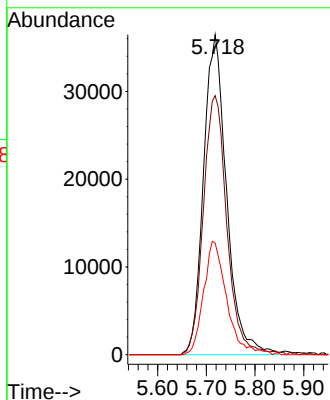
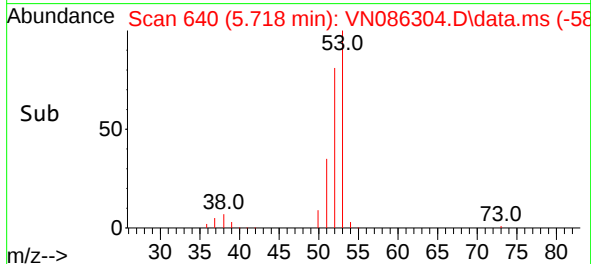
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



Tgt Ion: 53 Resp: 120030
Ion Ratio Lower Upper
53 100
52 82.6 65.5 98.3
51 35.4 28.6 42.8

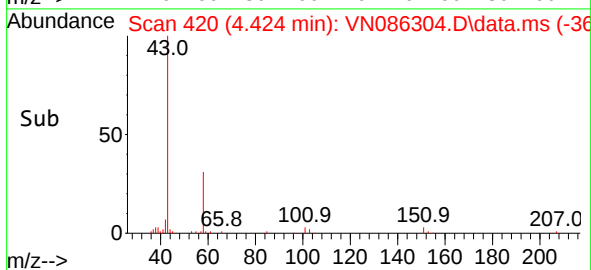
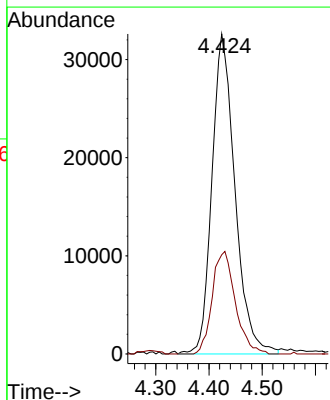
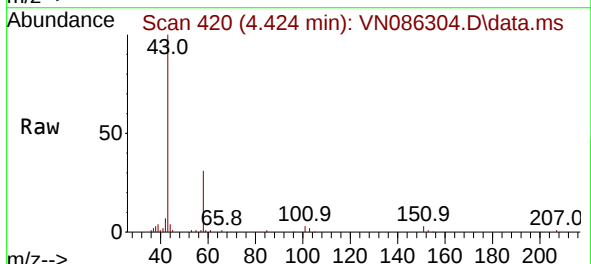
Manual Integrations
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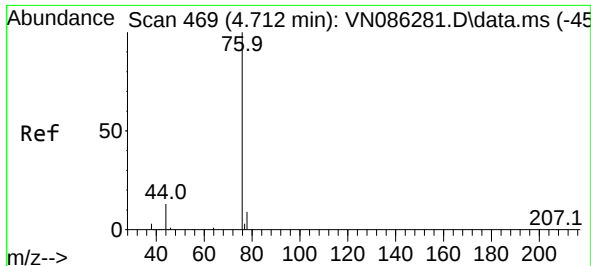
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 96.068 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

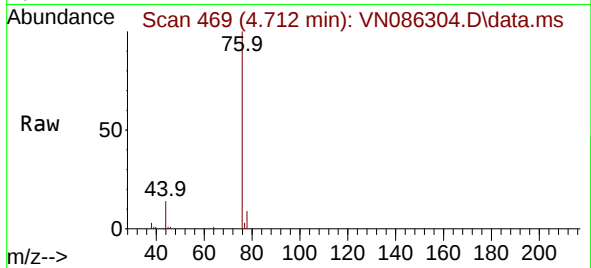
Tgt Ion: 43 Resp: 97898
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9





#17
Carbon Disulfide
Concen: 17.292 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

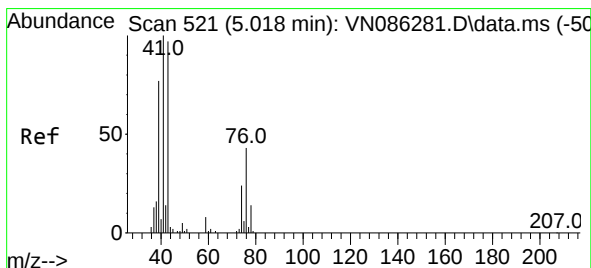
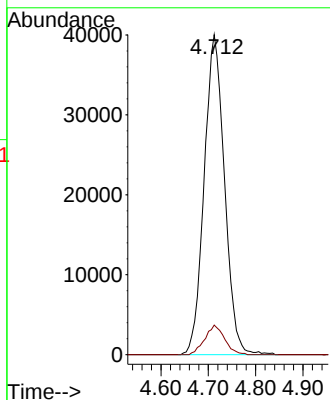
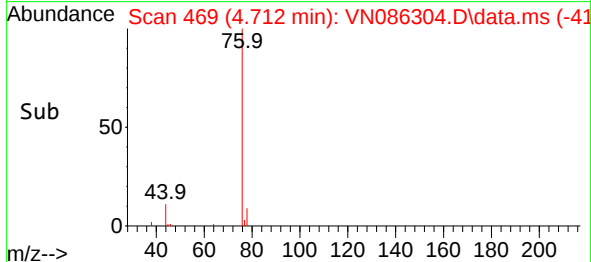
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



Tgt Ion: 76 Resp: 11949
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

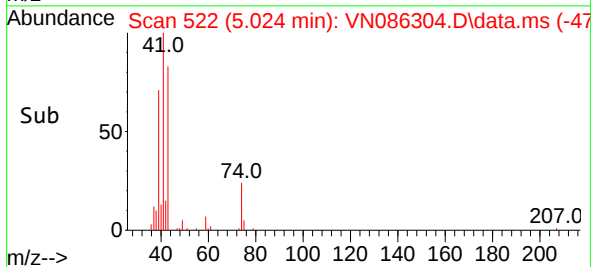
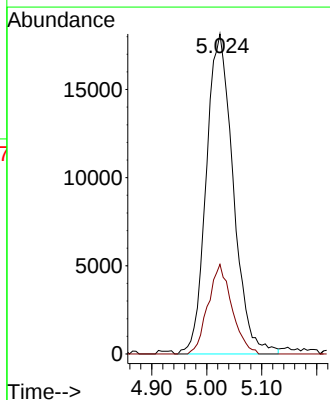
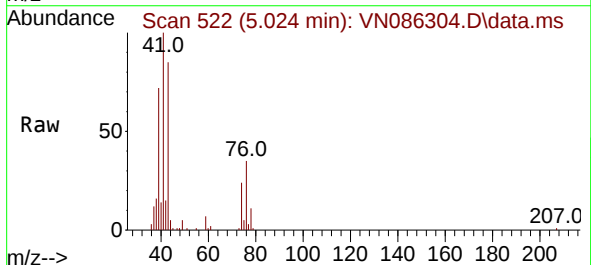
Manual Integrations
APPROVED

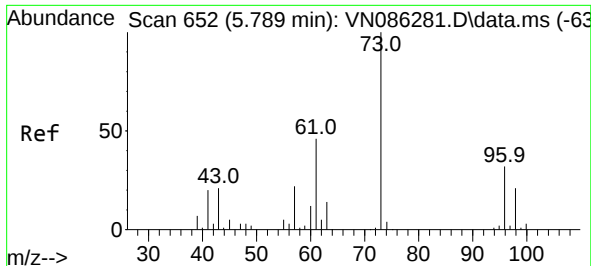
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#18
Methyl Acetate
Concen: 18.126 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Tgt Ion: 43 Resp: 61868
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





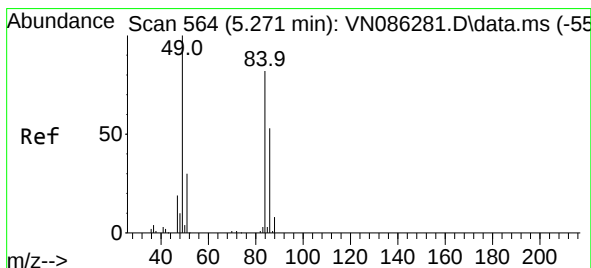
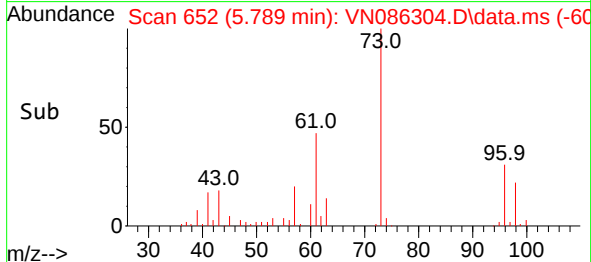
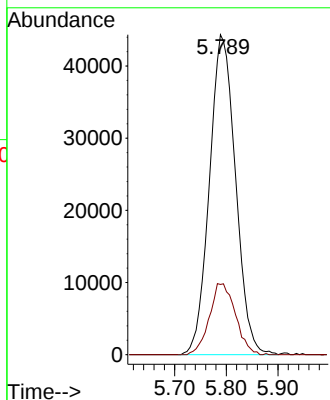
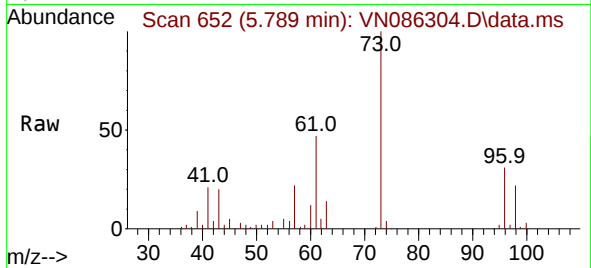
#19
Methyl tert-butyl Ether
Concen: 18.320 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion: 73 Resp: 155419
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

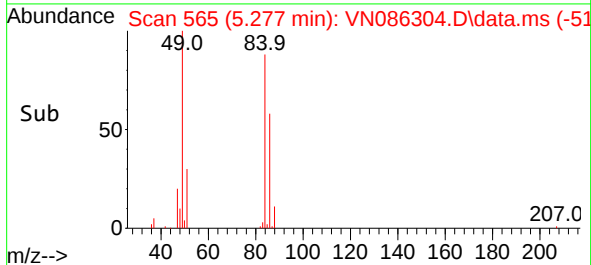
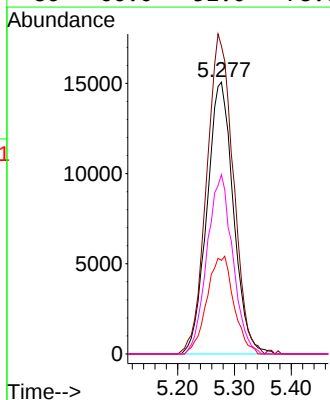
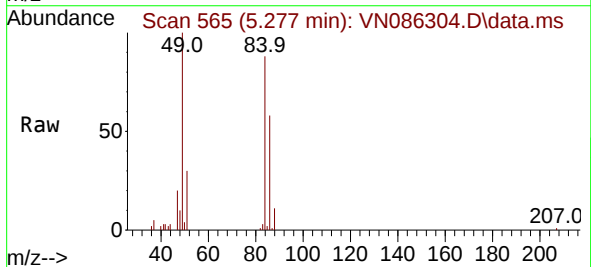
Manual Integrations
APPROVED

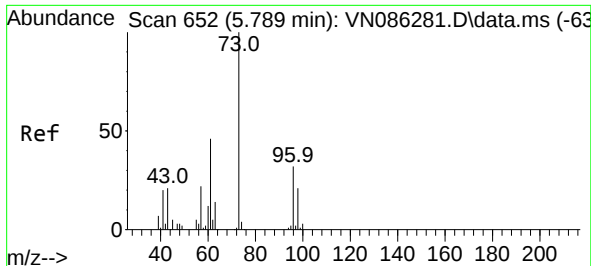
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 18.550 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

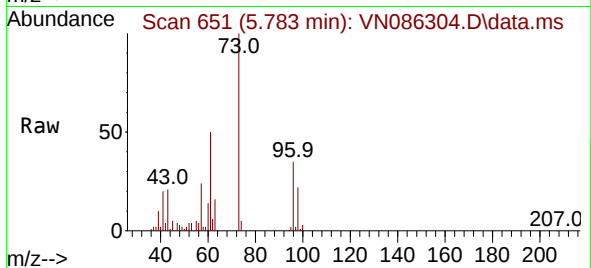
Tgt Ion: 84 Resp: 48762
Ion Ratio Lower Upper
84 100
49 113.3 98.2 147.2
51 34.4 29.8 44.6
86 66.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.117 ug/l
RT: 5.783 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

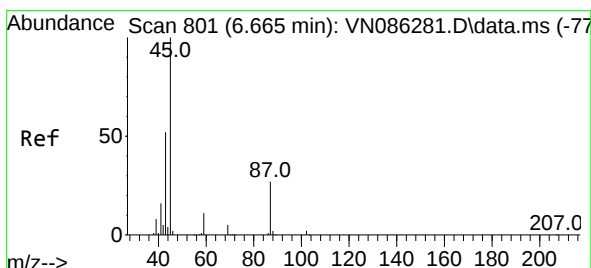
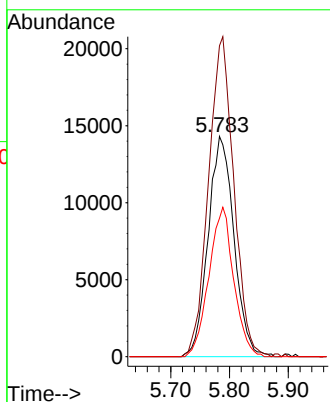
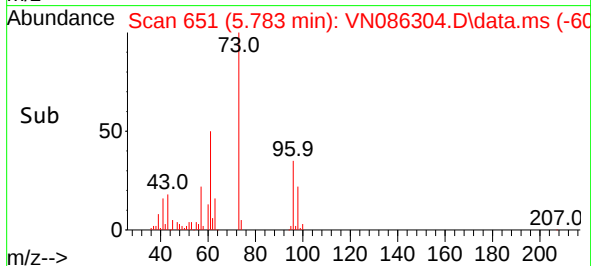
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



Tgt Ion: 96 Resp: 4371
Ion Ratio Lower Upper
96 100
61 141.1 114.6 171.8
98 62.8 51.2 76.8

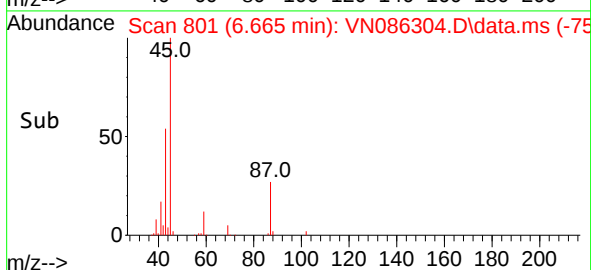
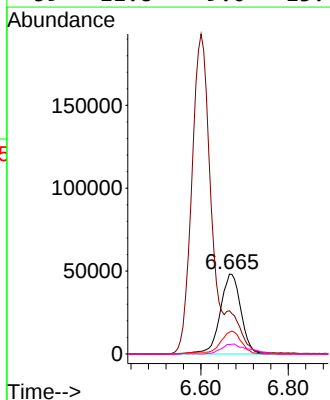
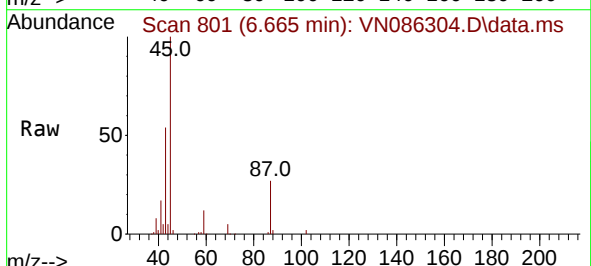
Manual Integrations
APPROVED

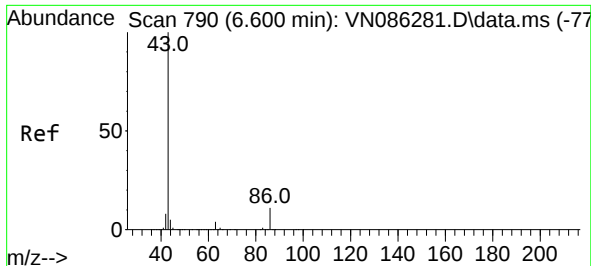
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#22
Diisopropyl ether
Concen: 17.710 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

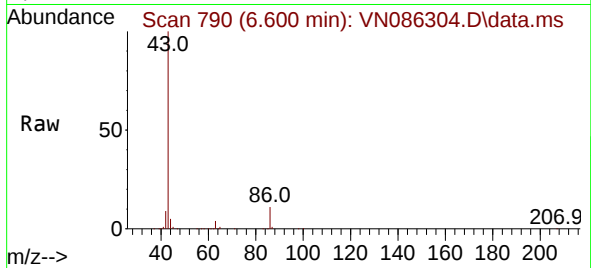
Tgt Ion: 45 Resp: 158059
Ion Ratio Lower Upper
45 100
43 52.8 41.8 62.8
87 27.3 21.6 32.4
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 91.666 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086304.D
 Acq: 16 Apr 2025 18:03

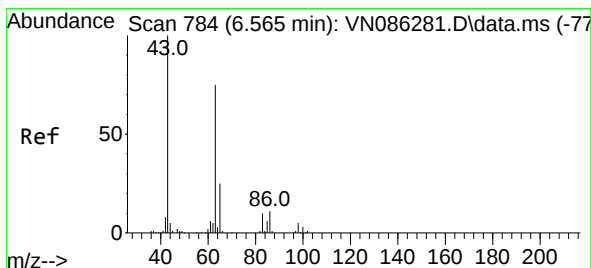
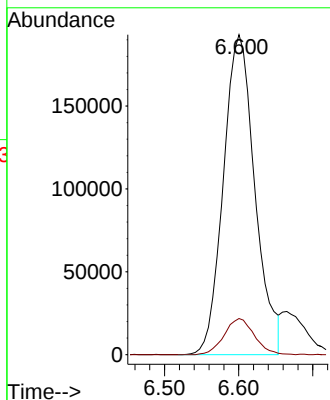
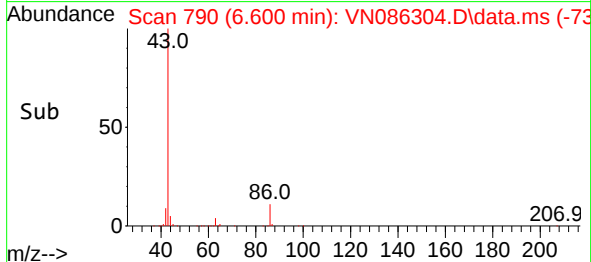
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416MBS01



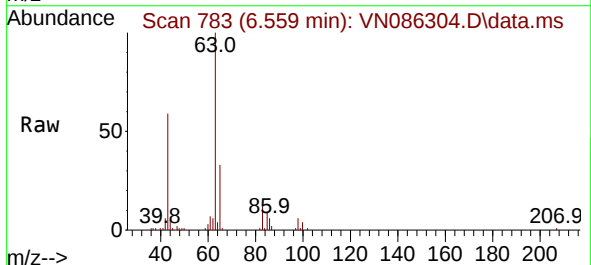
Tgt Ion: 43 Resp: 57190
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0

Manual Integrations
 APPROVED

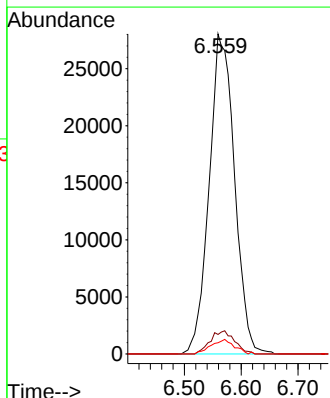
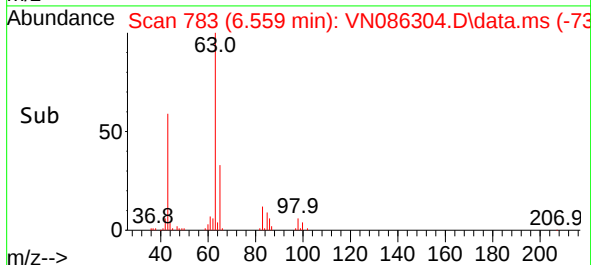
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

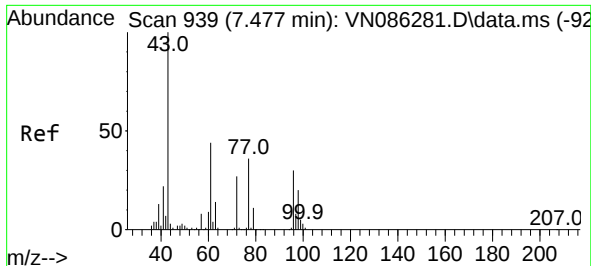


#24
 1,1-Dichloroethane
 Concen: 18.454 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN086304.D
 Acq: 16 Apr 2025 18:03



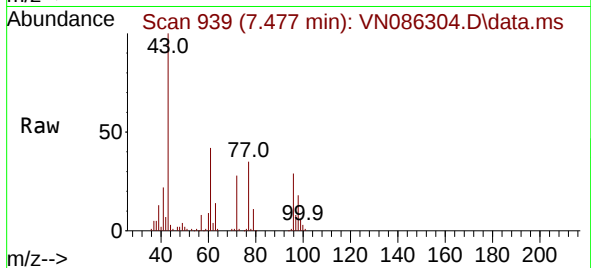
Tgt Ion: 63 Resp: 86902
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.2
 100 3.5 2.1 6.5





#25
2-Butanone
Concen: 92.384 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

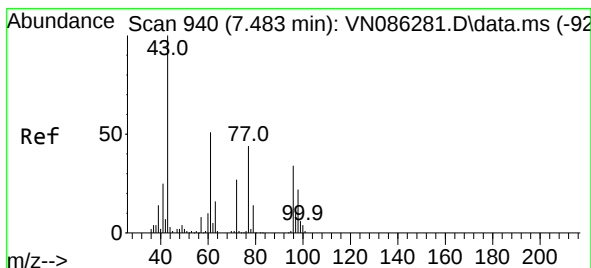
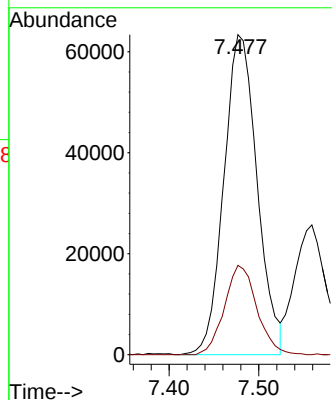
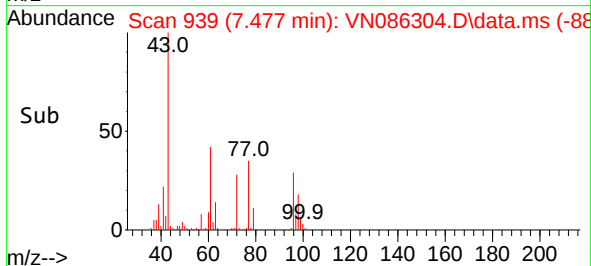
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



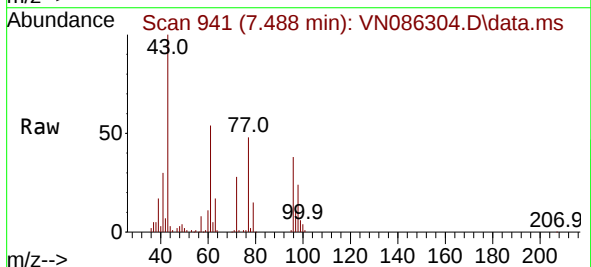
Tgt Ion: 43 Resp: 163508
Ion Ratio Lower Upper
43 100
72 27.9 21.7 32.5

Manual Integrations
APPROVED

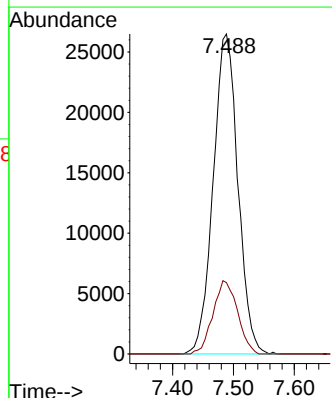
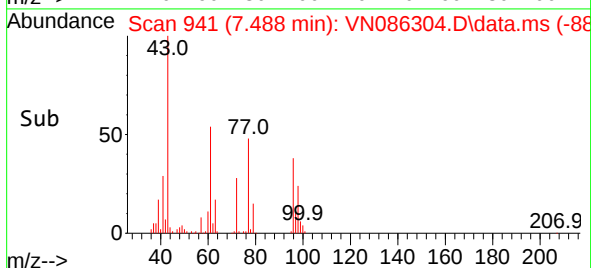
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

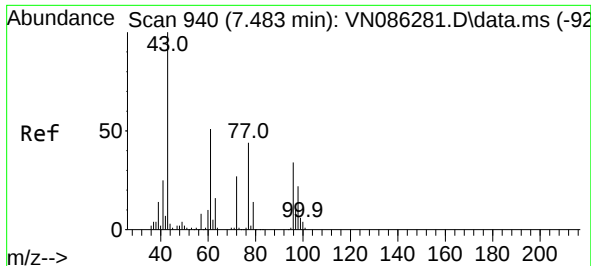


#26
2,2-Dichloropropane
Concen: 17.699 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



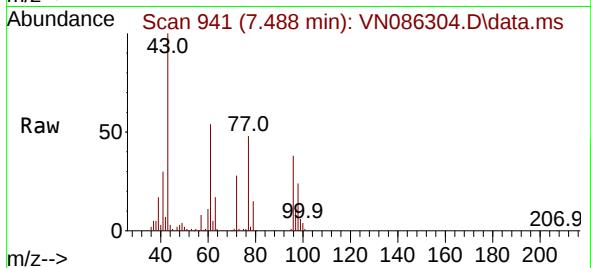
Tgt Ion: 77 Resp: 74623
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.213 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086304.D
 Acq: 16 Apr 2025 18:03

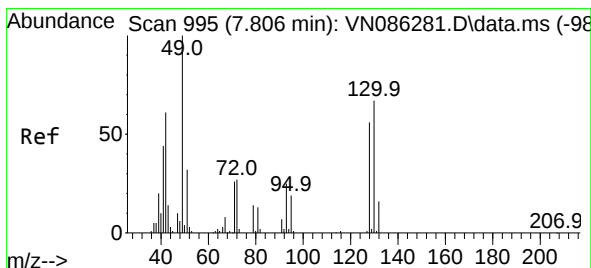
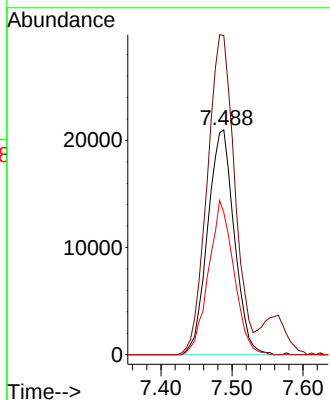
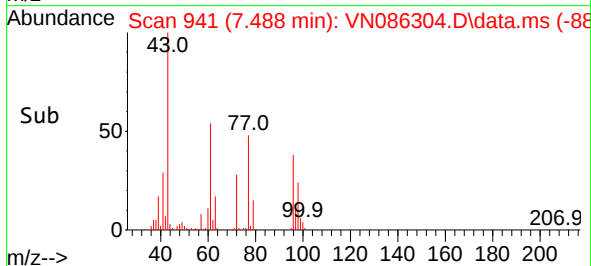
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416MBS01



Tgt Ion: 96 Resp: 5454
 Ion Ratio Lower Upper
 96 100
 61 146.7 0.0 299.0
 98 65.2 0.0 129.6

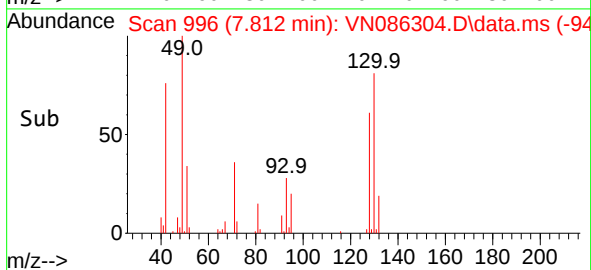
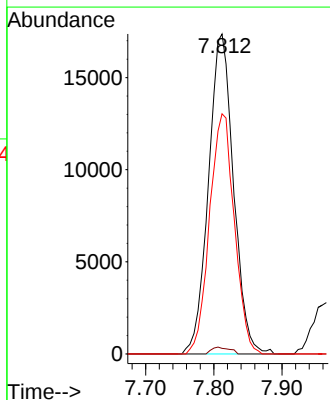
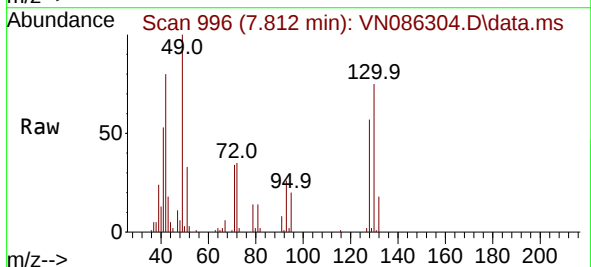
Manual Integrations
 APPROVED

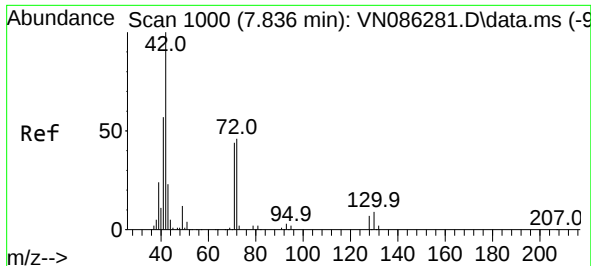
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#28
 Bromochloromethane
 Concen: 22.277 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086304.D
 Acq: 16 Apr 2025 18:03

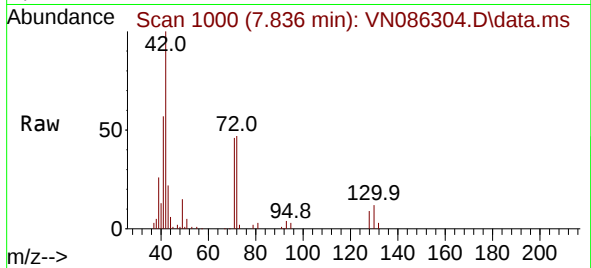
Tgt Ion: 49 Resp: 44480
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 74.3 57.1 85.7





#29
Tetrahydrofuran
Concen: 89.782 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

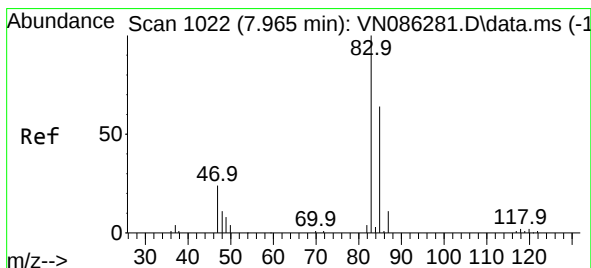
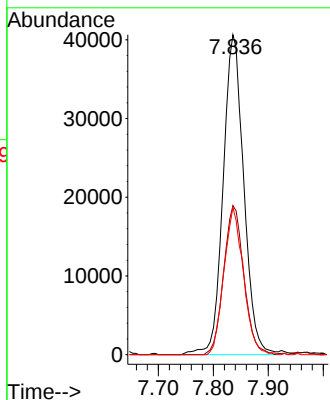
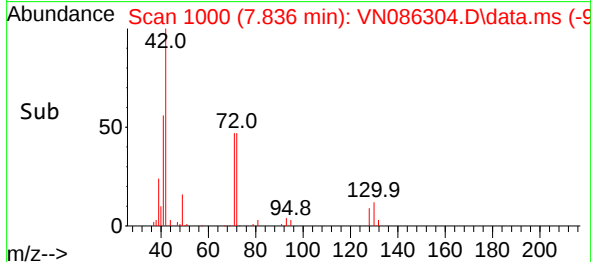
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



Tgt Ion: 42 Resp: 106259
Ion Ratio Lower Upper
42 100
72 45.5 36.2 54.4
71 43.5 34.0 51.0

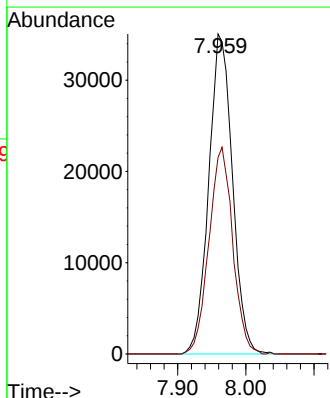
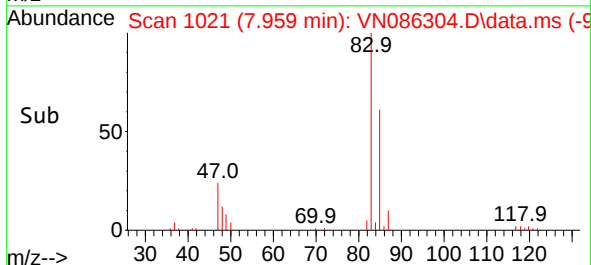
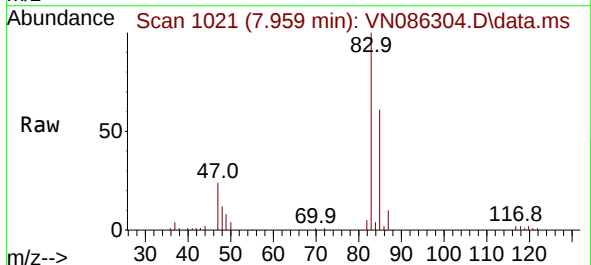
Manual Integrations
APPROVED

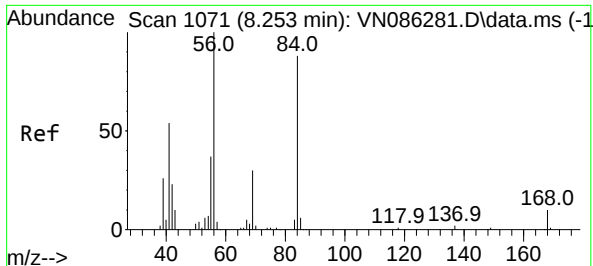
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#30
Chloroform
Concen: 18.345 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

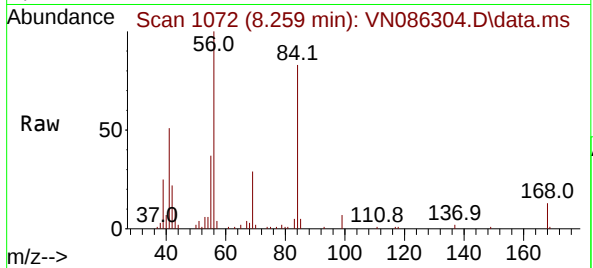
Tgt Ion: 83 Resp: 84861
Ion Ratio Lower Upper
83 100
85 61.4 51.5 77.3





#31
Cyclohexane
Concen: 18.090 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

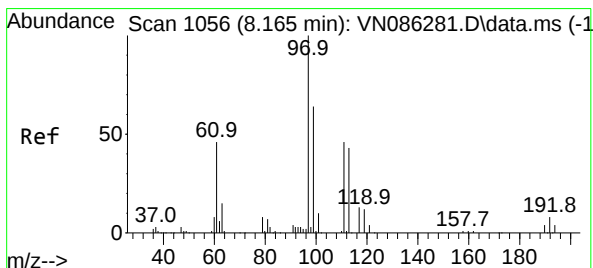
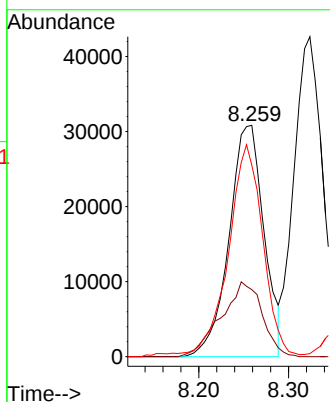
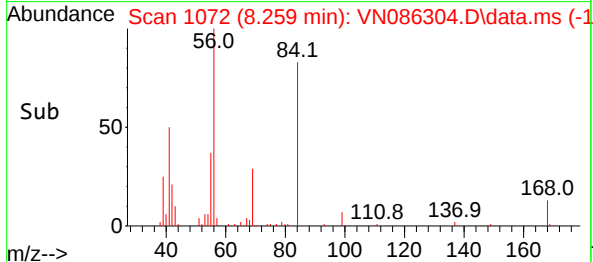
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



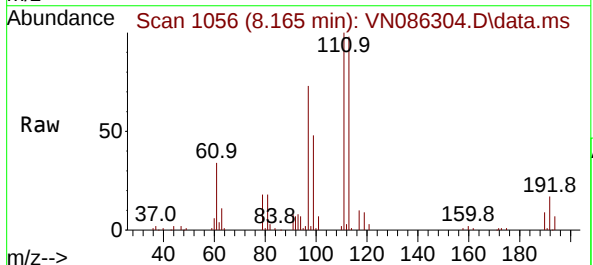
Tgt Ion: 56 Resp: 83360
Ion Ratio Lower Upper
56 100
69 29.0 24.2 36.2
84 81.4 70.3 105.5

Manual Integrations
APPROVED

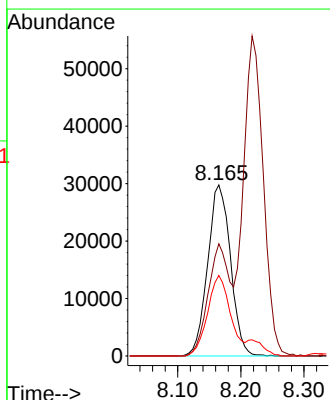
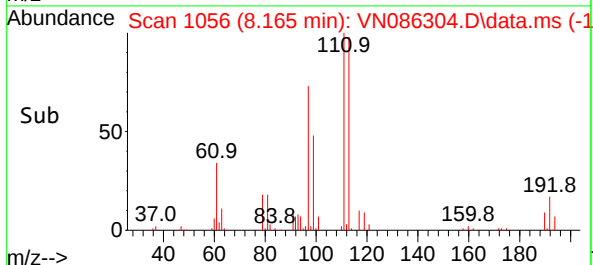
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

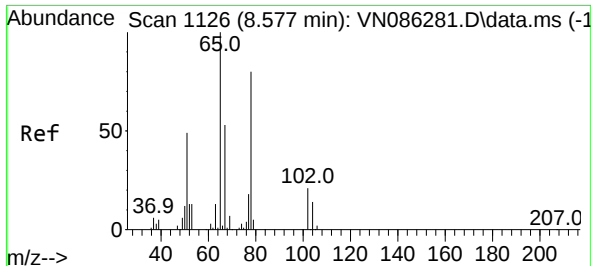


#32
1,1,1-Trichloroethane
Concen: 18.899 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



Tgt Ion: 97 Resp: 74787
Ion Ratio Lower Upper
97 100
99 62.8 52.7 79.1
61 47.3 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 53.884 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

Instrument :

MSVOA_N

ClientSampleId :

VN0416MBS01

Tgt Ion: 65 Resp: 153214

Ion Ratio Lower Upper

65 100

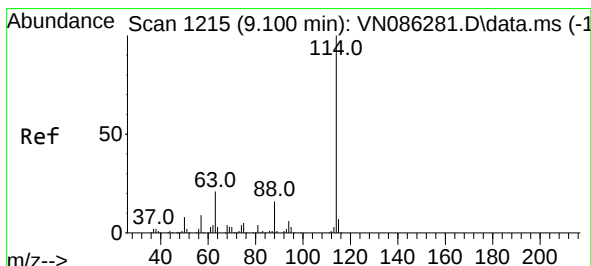
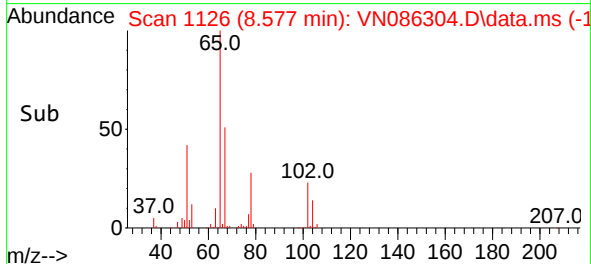
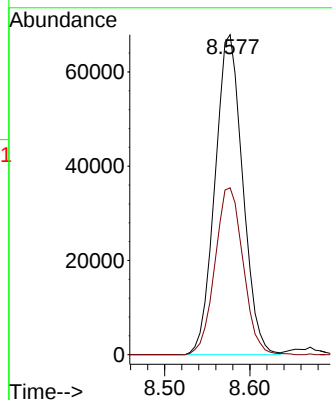
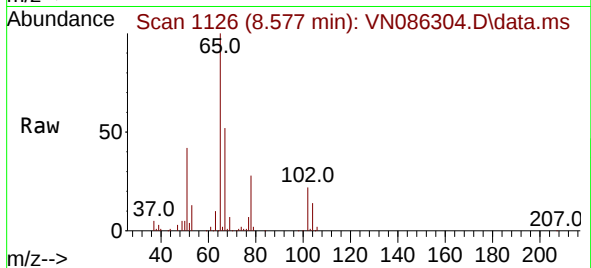
67 53.1 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

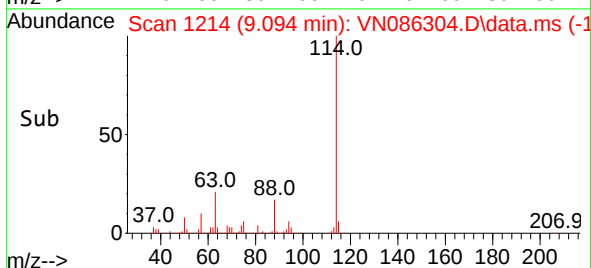
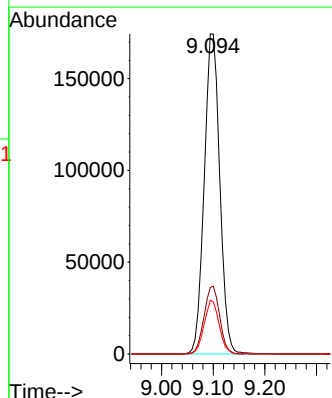
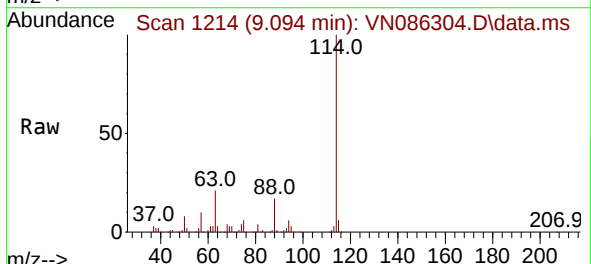
Tgt Ion:114 Resp: 364497

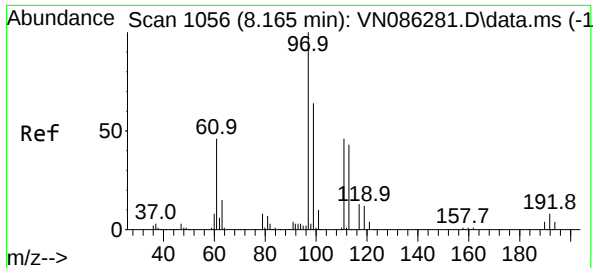
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

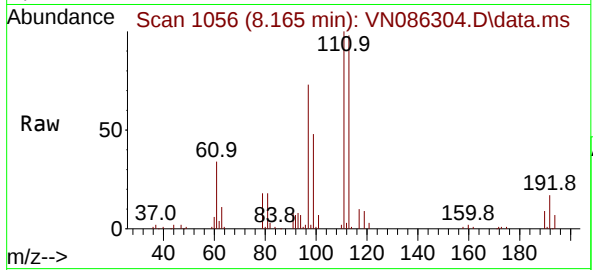
88 16.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 55.832 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

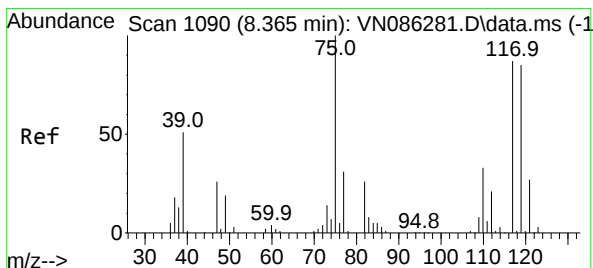
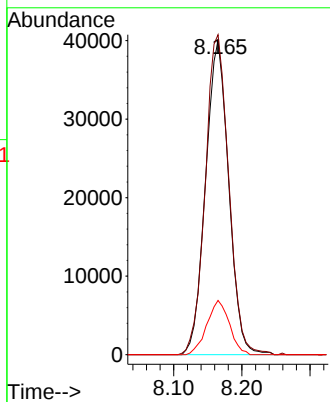
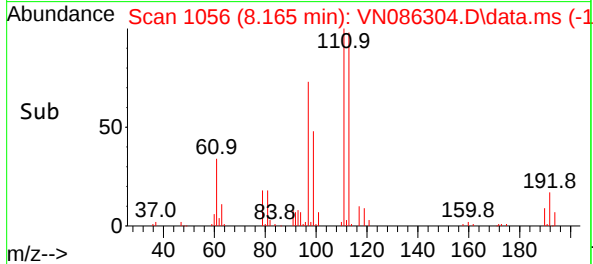
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



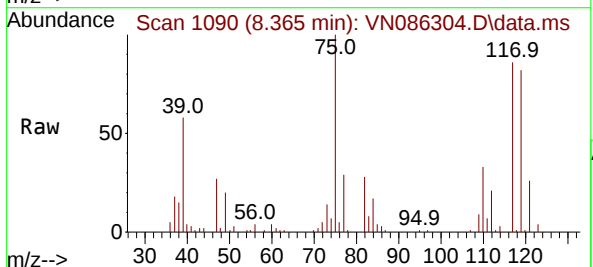
Tgt Ion: 113 Resp: 94450
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.0
192 16.8 13.7 20.5

Manual Integrations
APPROVED

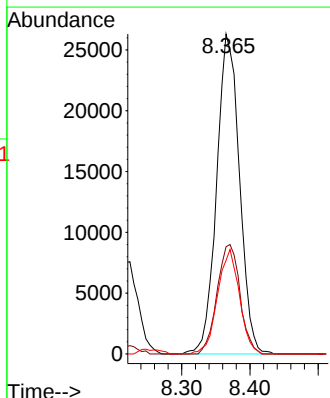
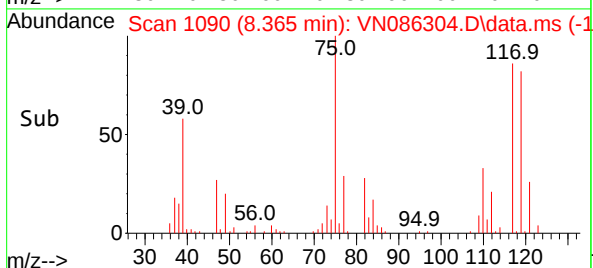
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

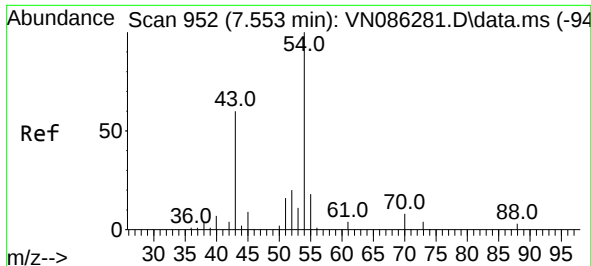


#36
1,1-Dichloropropene
Concen: 18.147 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



Tgt Ion: 75 Resp: 61317
Ion Ratio Lower Upper
75 100
110 34.3 16.8 50.4
77 31.3 24.9 37.3





#37

Ethyl Acetate

Concen: 18.018 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

Instrument :

MSVOA_N

ClientSampleId :

VN0416MBS01

Tgt Ion: 43 Resp: 6409

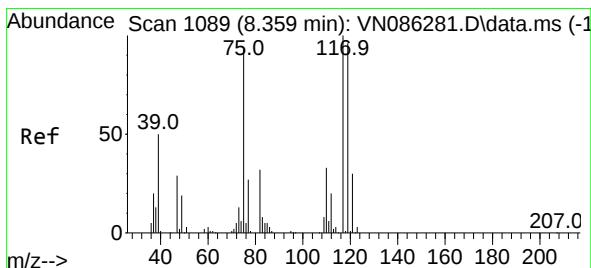
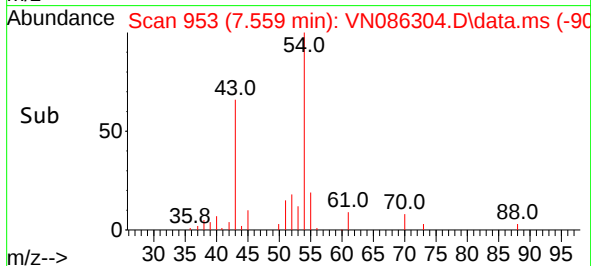
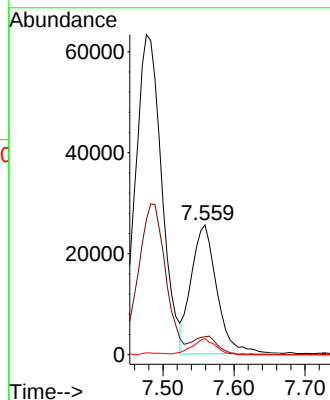
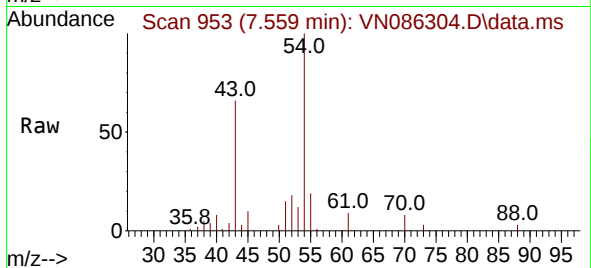
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	11.2	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#38

Carbon Tetrachloride

Concen: 18.381 ug/l

RT: 8.359 min Scan# 1089

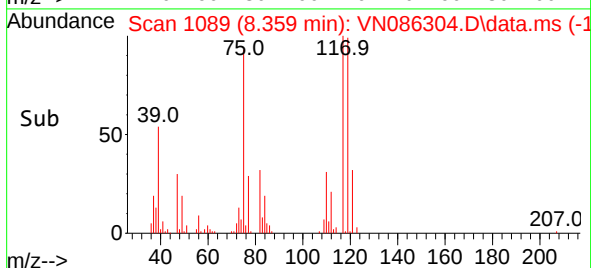
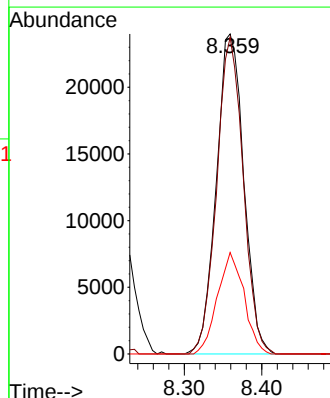
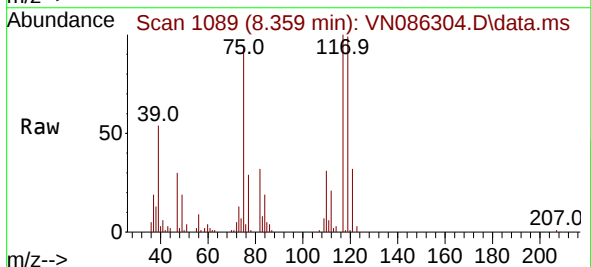
Delta R.T. 0.000 min

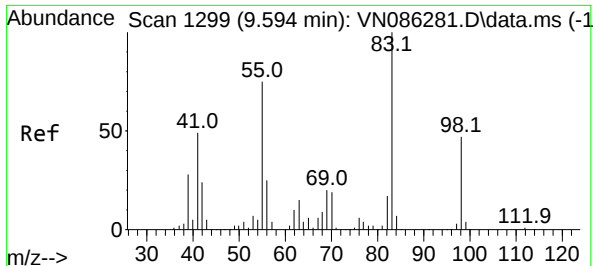
Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

Tgt Ion:117 Resp: 59144

Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.8	115.2
121	31.7	23.8	35.8





#39

Methylcyclohexane

Concen: 17.715 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

Instrument :

MSVOA_N

ClientSampleId :

VN0416MBS01

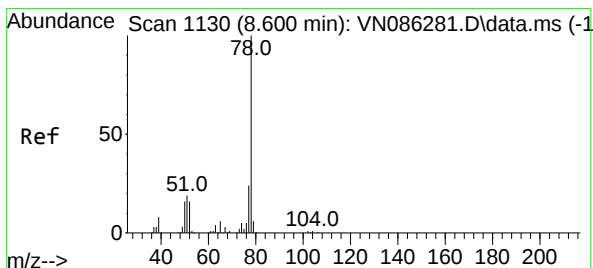
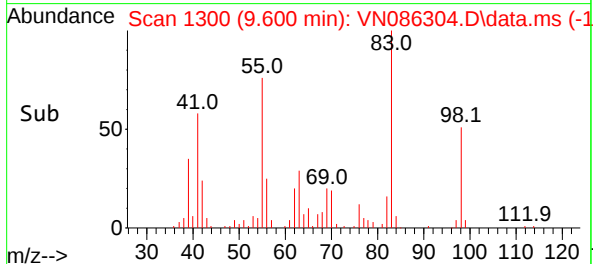
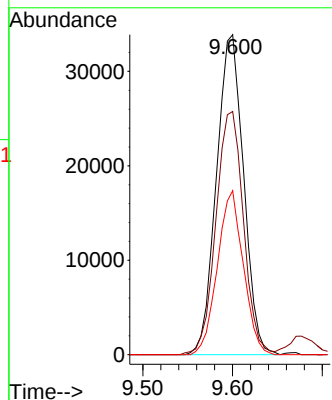
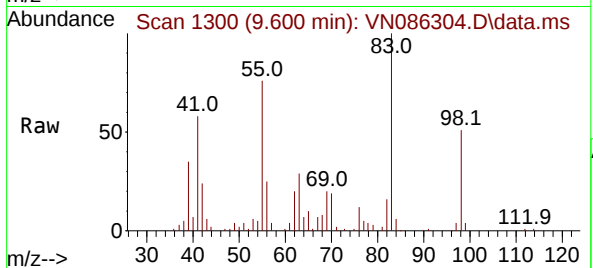
Tgt Ion: 83	Resp: 7114
Ion Ratio	Lower Upper
83	100
55	76.0 59.8 89.8
98	51.2 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 18.545 ug/l

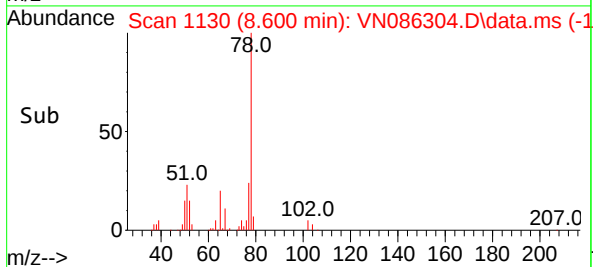
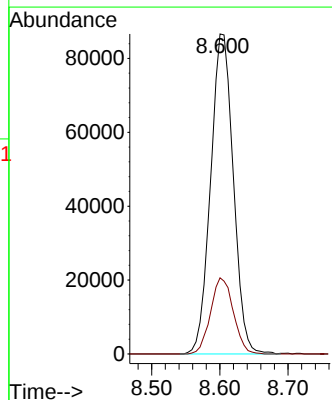
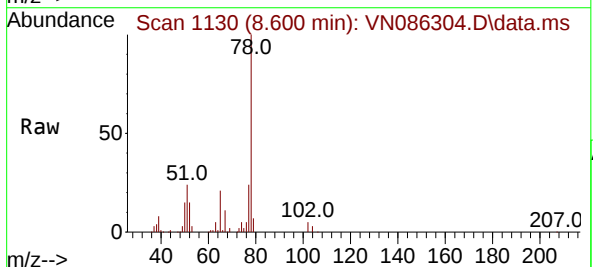
RT: 8.600 min Scan# 1130

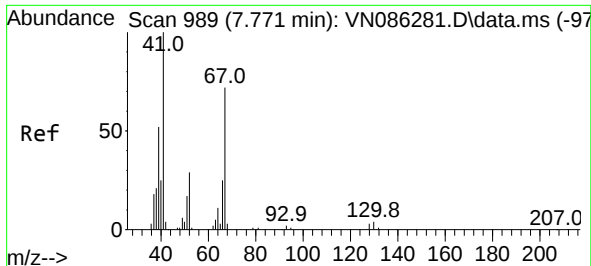
Delta R.T. 0.000 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

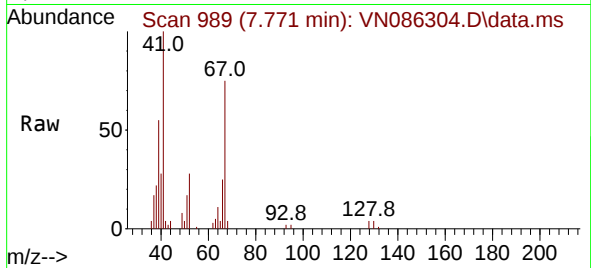
Tgt Ion: 78	Resp: 200763
Ion Ratio	Lower Upper
78	100
77	23.8 19.4 29.2





#41
Methacrylonitrile
Concen: 17.375 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

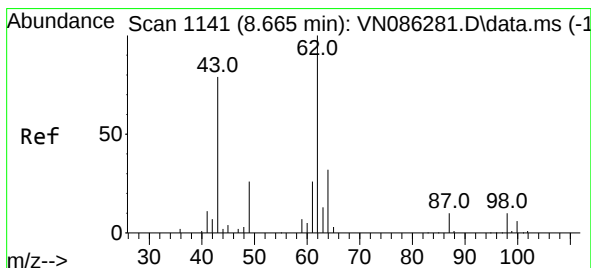
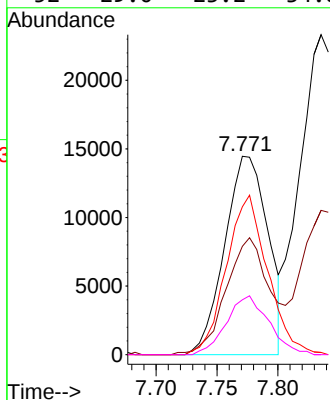
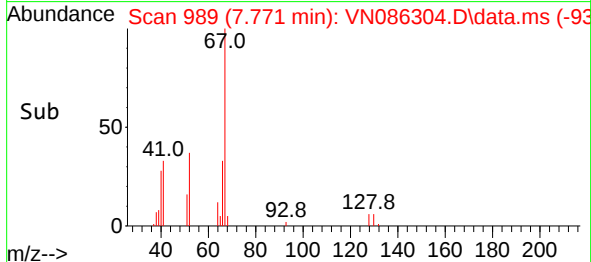
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



Tgt Ion: 41 Resp: 3582
Ion Ratio Lower Upper
41 100
39 60.6 43.0 64.4
67 76.5 58.8 88.2
52 29.0 23.2 34.8

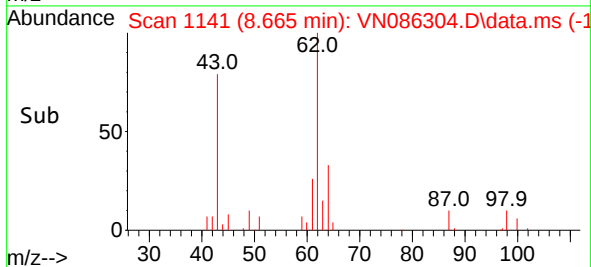
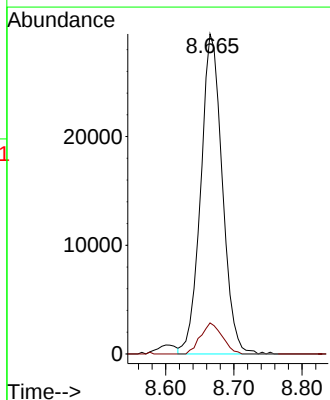
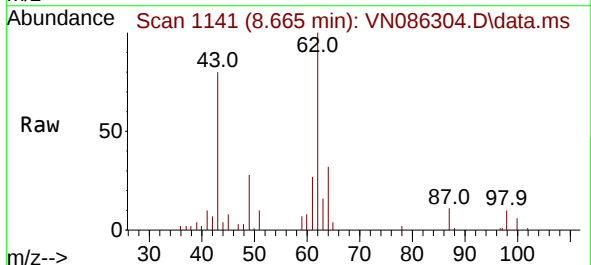
Manual Integrations
APPROVED

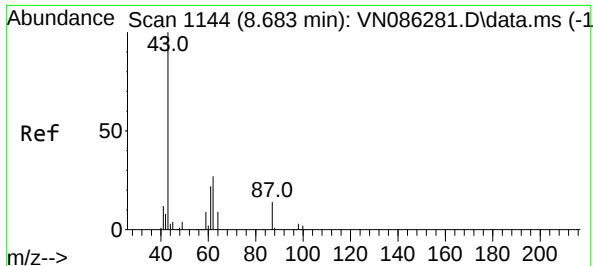
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 18.747 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

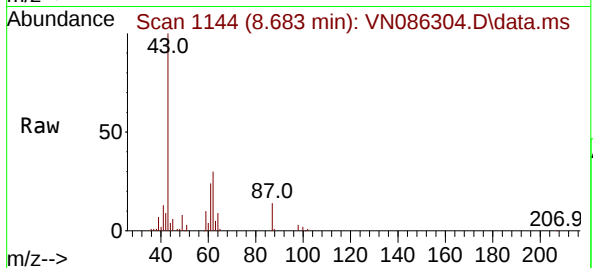
Tgt Ion: 62 Resp: 64718
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2





#43
Isopropyl Acetate
Concen: 18.744 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

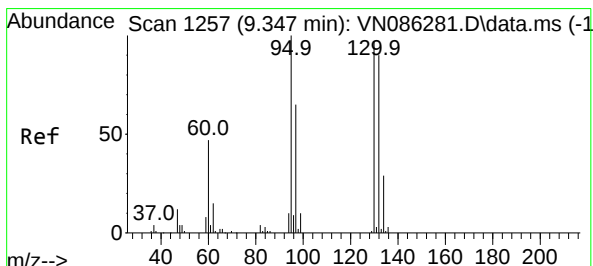
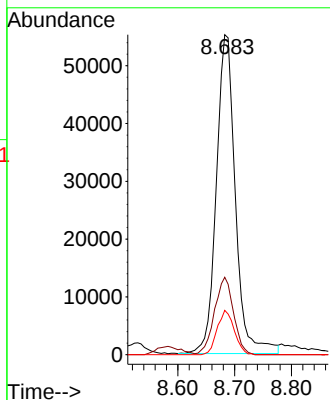
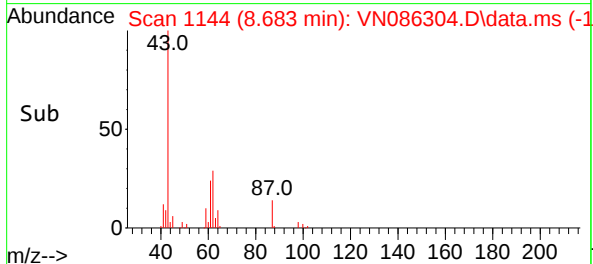
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



Tgt Ion: 43 Resp: 12877
Ion Ratio Lower Upper
43 100
61 24.2 20.5 30.7
87 12.5 10.5 15.7

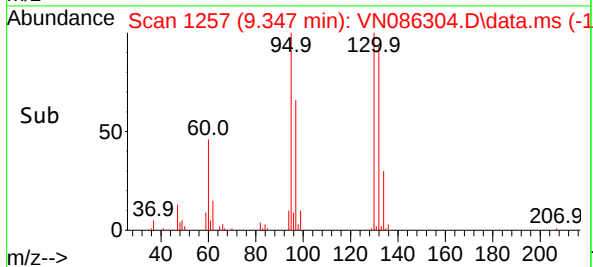
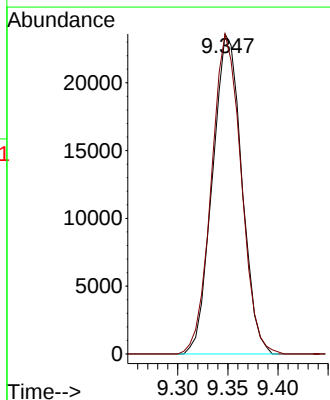
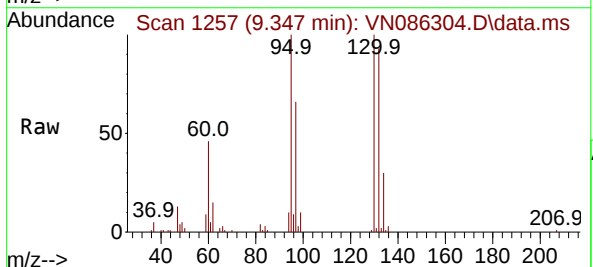
Manual Integrations
APPROVED

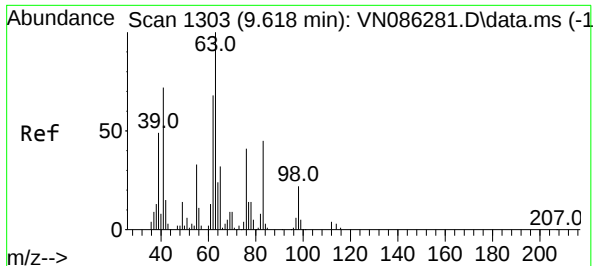
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#44
Trichloroethene
Concen: 18.641 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Tgt Ion:130 Resp: 47831
Ion Ratio Lower Upper
130 100
95 100.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 18.439 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

Instrument :

MSVOA_N

ClientSampleId :

VN0416MBS01

Tgt Ion: 63 Resp: 4886

Ion Ratio Lower Upper

63 100

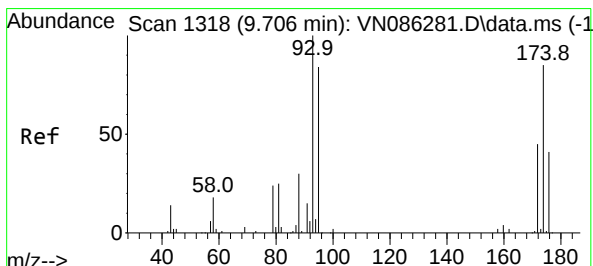
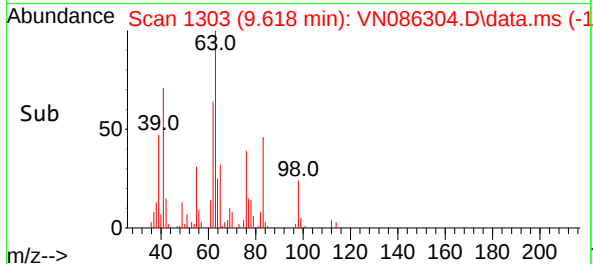
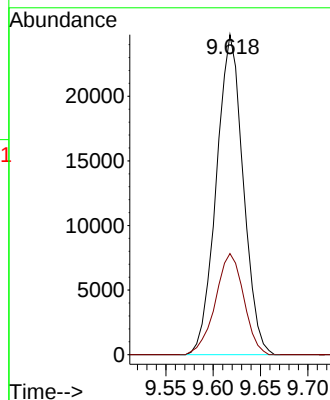
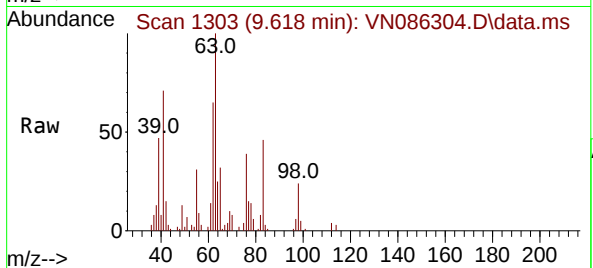
65 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 19.037 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

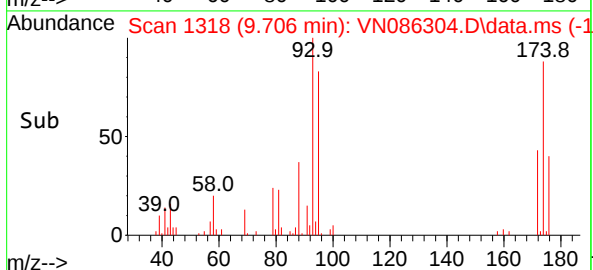
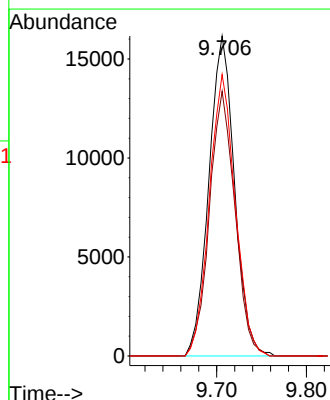
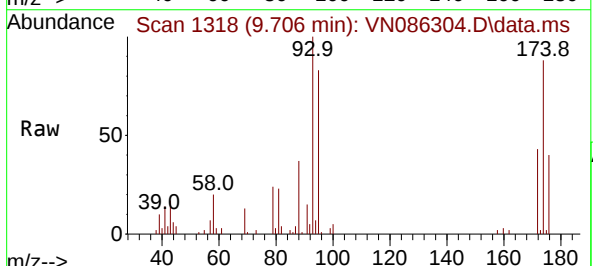
Tgt Ion: 93 Resp: 32143

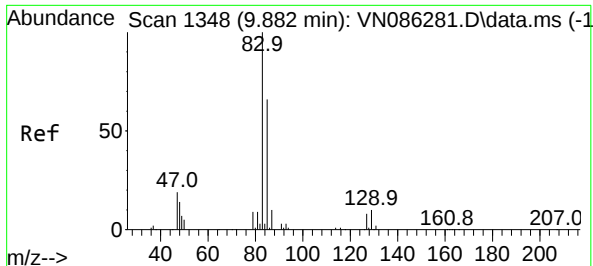
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 88.7 67.8 101.6





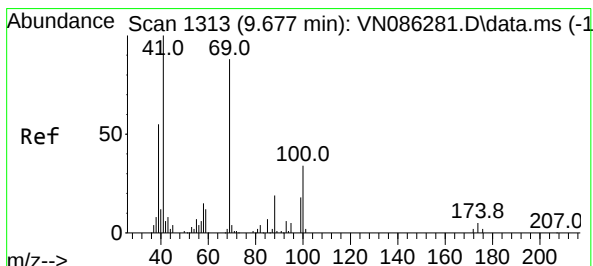
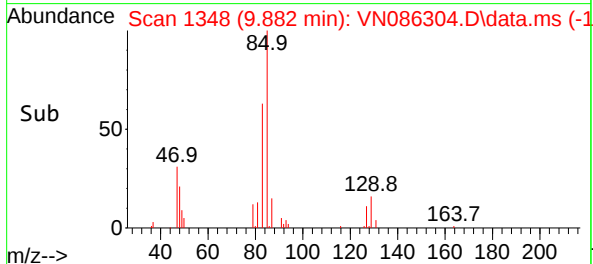
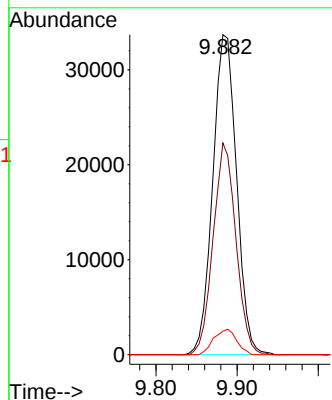
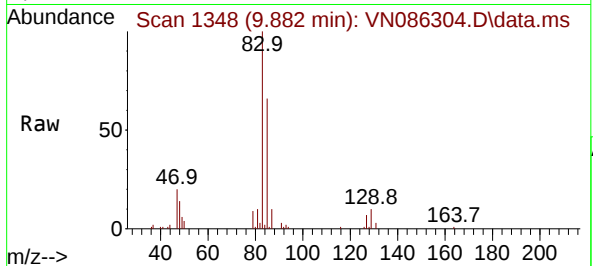
#47
Bromodichloromethane
Concen: 18.814 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion: 83 Resp: 6860
Ion Ratio Lower Upper
83 100
85 66.2 52.6 78.8
127 7.3 6.1 9.1

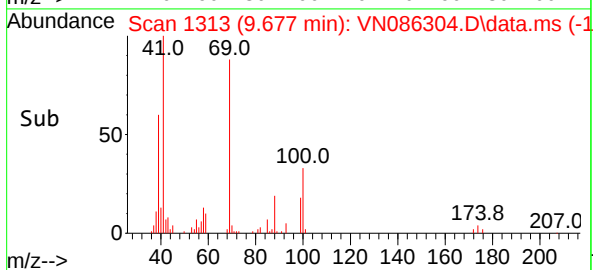
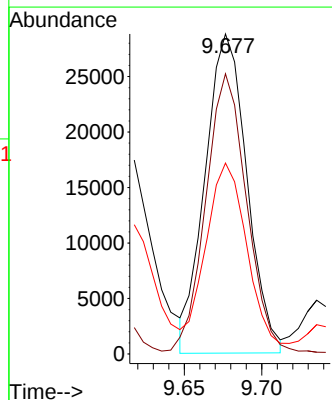
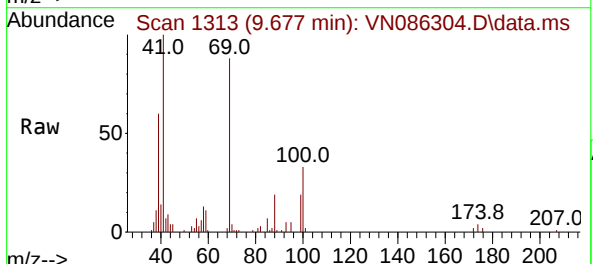
Manual Integrations
APPROVED

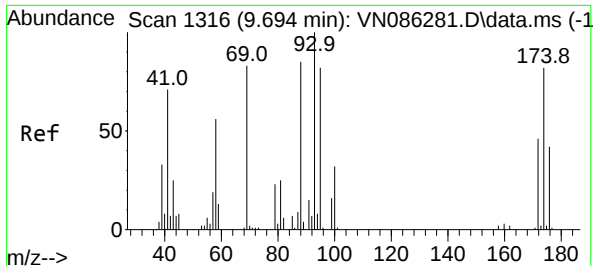
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#48
Methyl methacrylate
Concen: 17.255 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Tgt Ion: 41 Resp: 53903
Ion Ratio Lower Upper
41 100
69 87.0 68.2 102.2
39 60.7 45.2 67.8





#49

1,4-Dioxane

Concen: 377.689 ug/l

RT: 9.688 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

Instrument :

MSVOA_N

ClientSampleId :

VN0416MBS01

Tgt Ion: 88 Resp: 20069

Ion Ratio Lower Upper

88 100

43 26.9 23.8 35.8

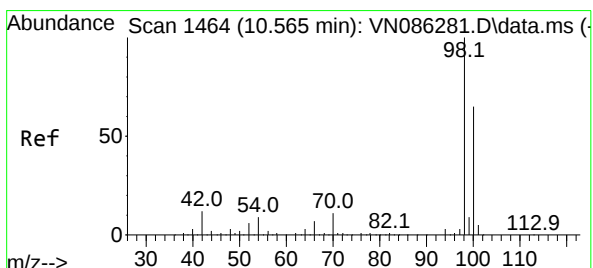
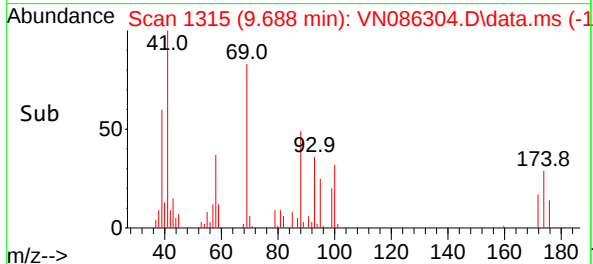
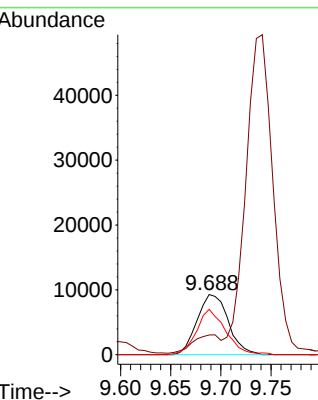
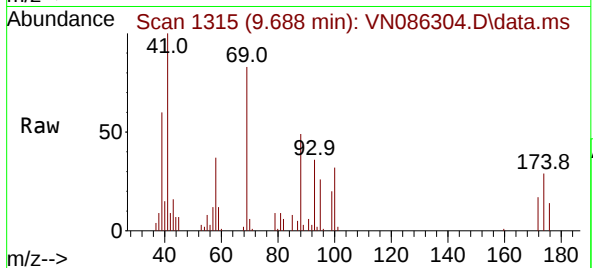
58 70.2 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#50

Toluene-d8

Concen: 53.413 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086304.D

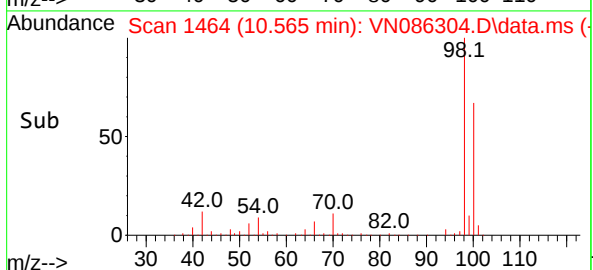
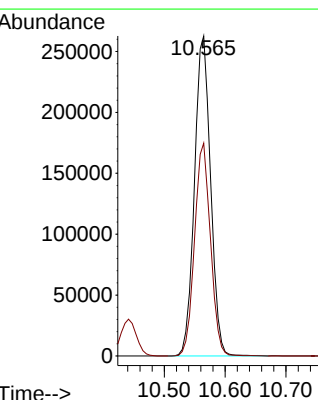
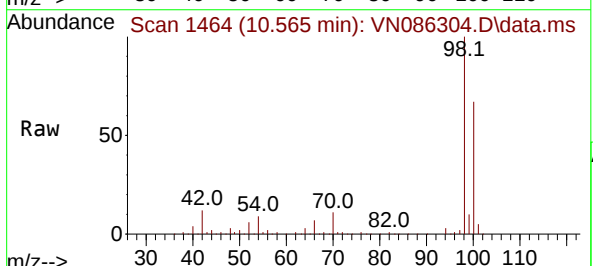
Acq: 16 Apr 2025 18:03

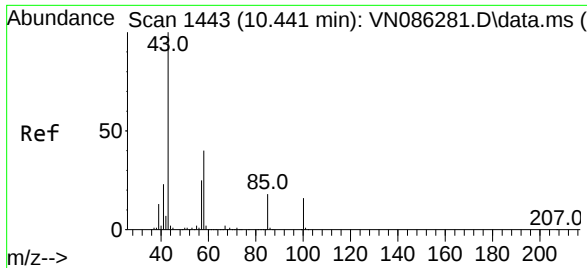
Tgt Ion: 98 Resp: 482912

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





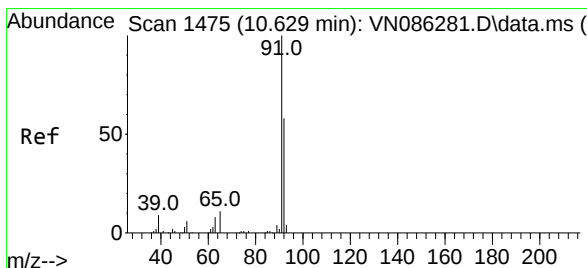
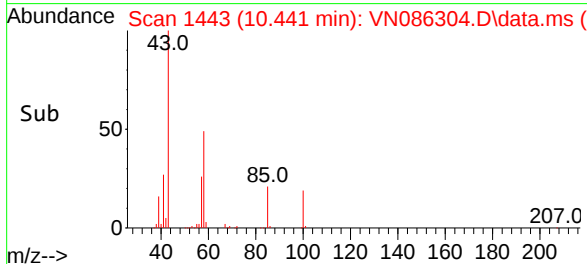
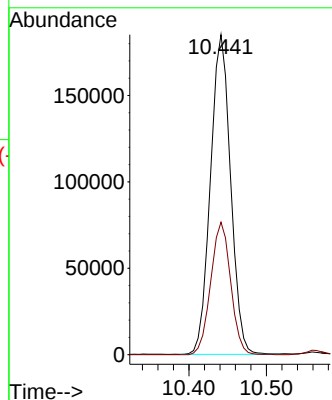
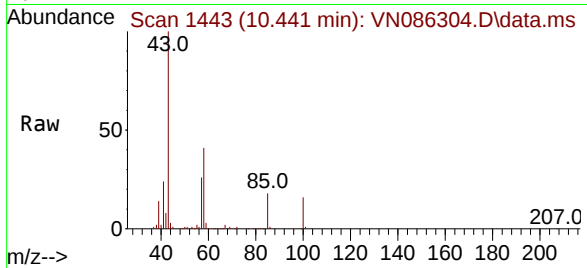
#51
4-Methyl-2-Pentanone
Concen: 91.861 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion: 43 Resp: 334610
Ion Ratio Lower Upper
43 100
58 40.9 32.2 48.4

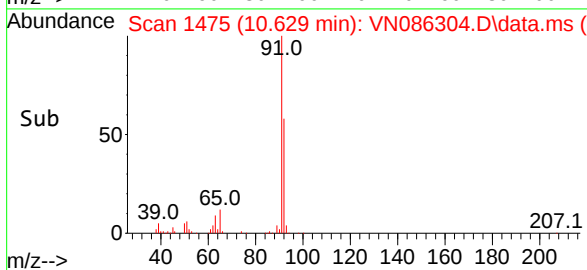
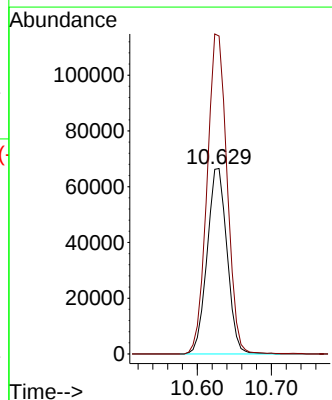
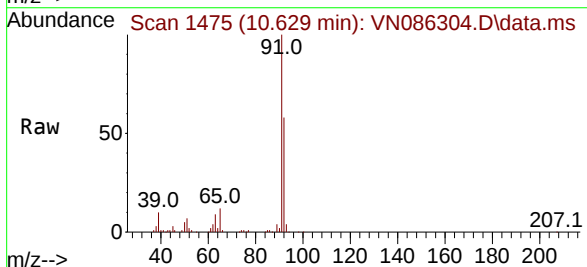
Manual Integrations
APPROVED

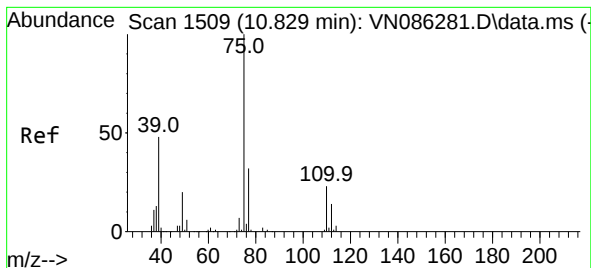
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Toluene
Concen: 18.380 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Tgt Ion: 92 Resp: 124153
Ion Ratio Lower Upper
92 100
91 173.0 137.3 205.9





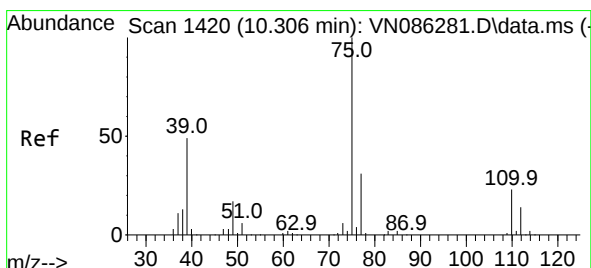
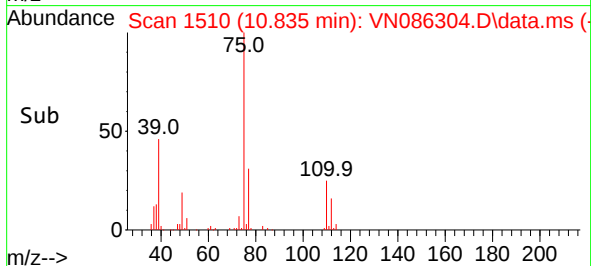
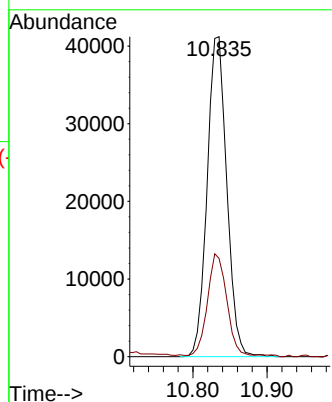
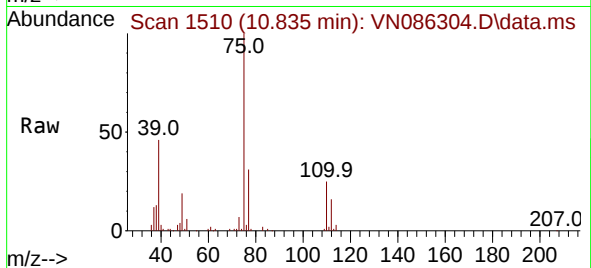
#53
t-1,3-Dichloropropene
Concen: 18.626 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion: 75 Resp: 7582
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

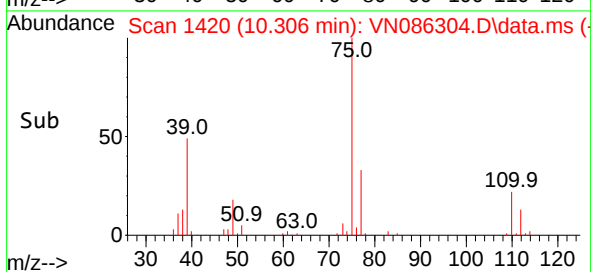
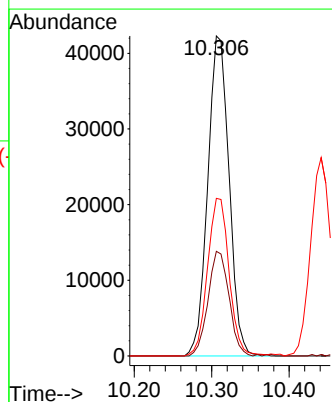
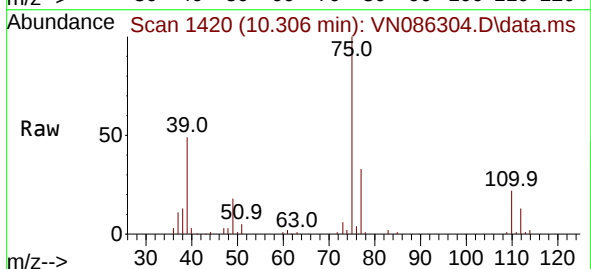
Manual Integrations
APPROVED

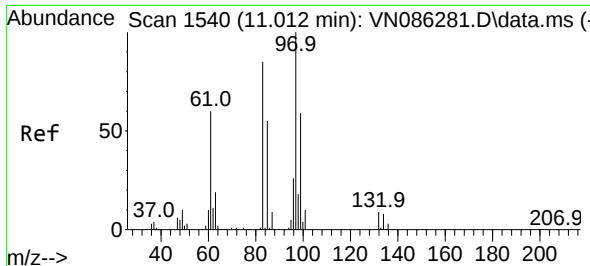
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#54
cis-1,3-Dichloropropene
Concen: 18.085 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

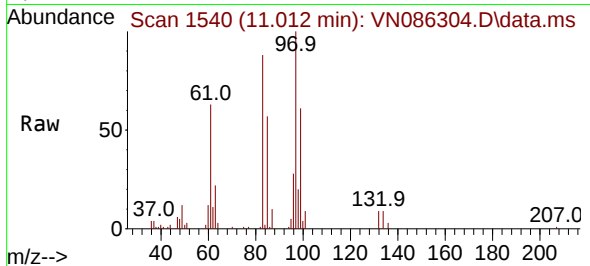
Tgt Ion: 75 Resp: 80859
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 49.3 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 18.575 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

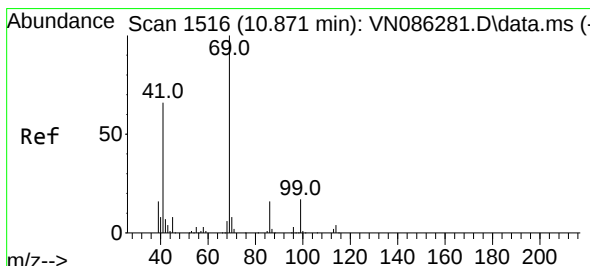
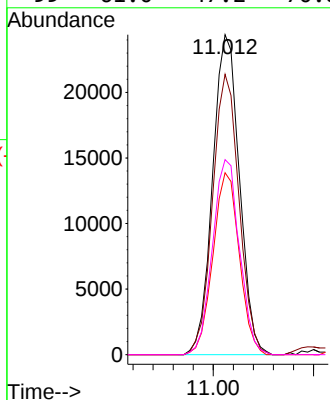
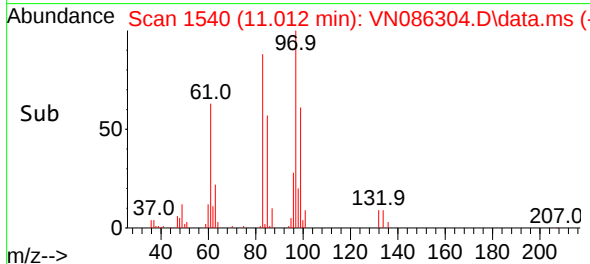
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



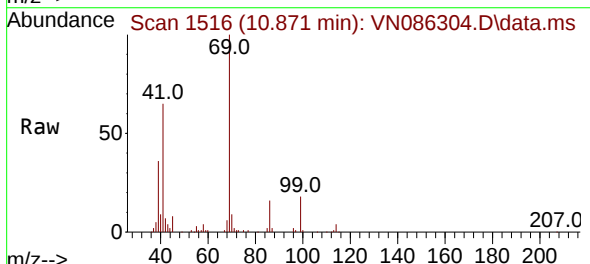
Tgt Ion:	97	Resp:	4514
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.4	102.6
85	56.8	43.9	65.9
99	61.0	47.2	70.8

Manual Integrations
APPROVED

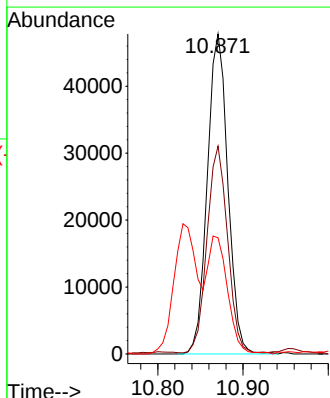
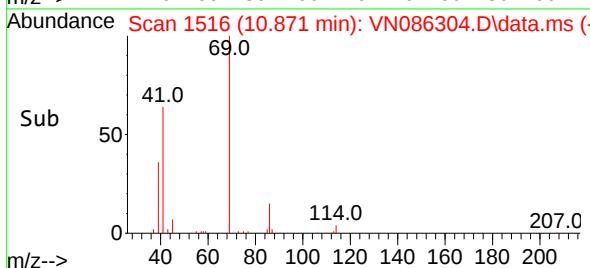
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

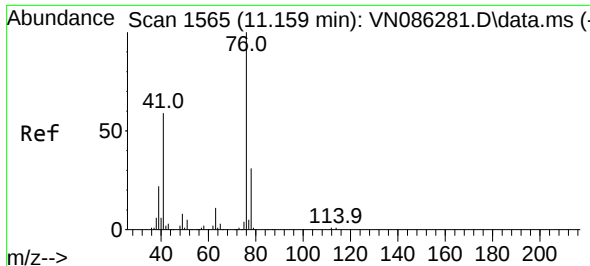


#56
Ethyl methacrylate
Concen: 17.909 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



Tgt Ion:	69	Resp:	80007
Ion	Ratio	Lower	Upper
69	100		
41	64.7	51.7	77.5
39	35.4	26.3	39.5





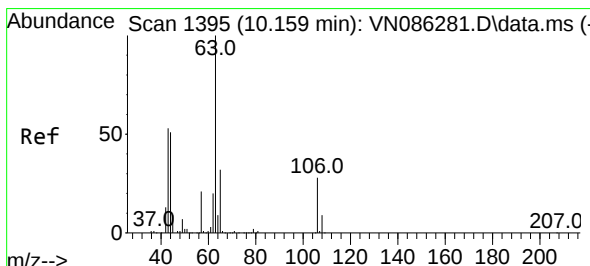
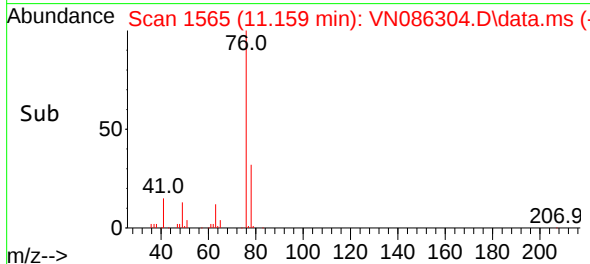
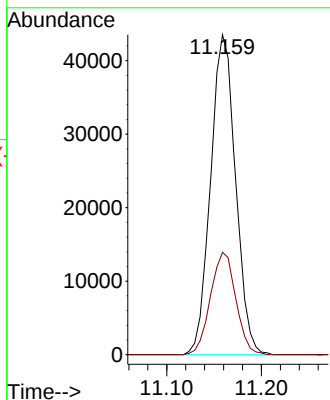
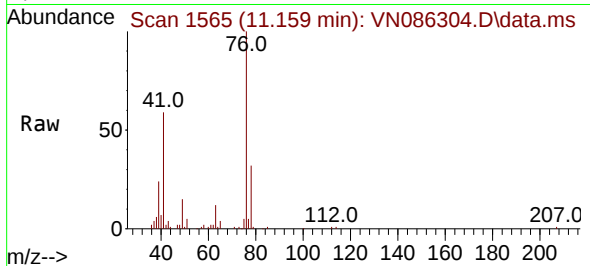
#57
1,3-Dichloropropane
Concen: 18.476 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion: 76 Resp: 7967
Ion Ratio Lower Upper
76 100
78 32.5 25.6 38.4

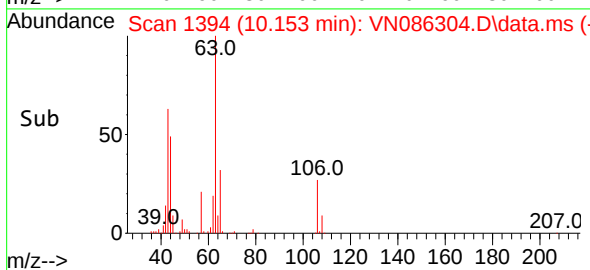
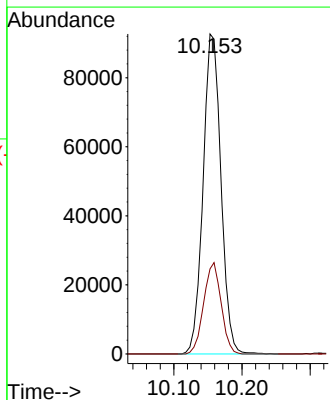
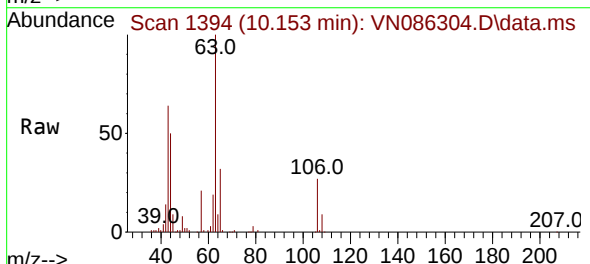
Manual Integrations
APPROVED

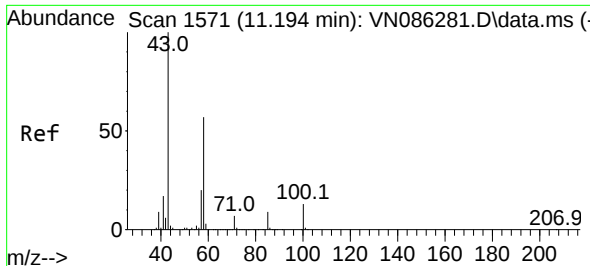
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#58
2-Chloroethyl Vinyl ether
Concen: 79.668 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

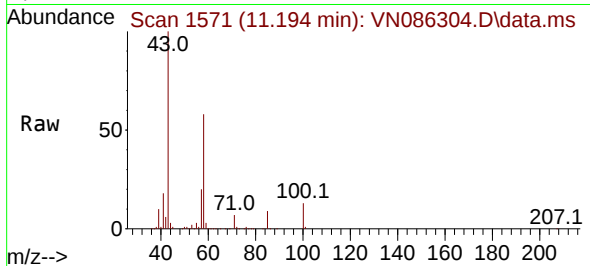
Tgt Ion: 63 Resp: 168925
Ion Ratio Lower Upper
63 100
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 91.979 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

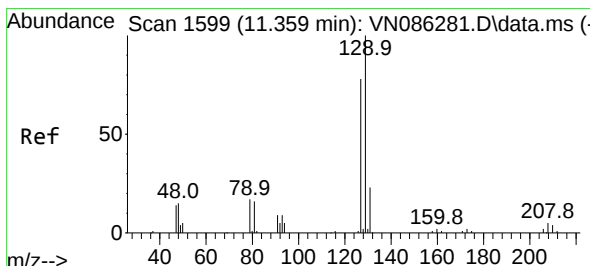
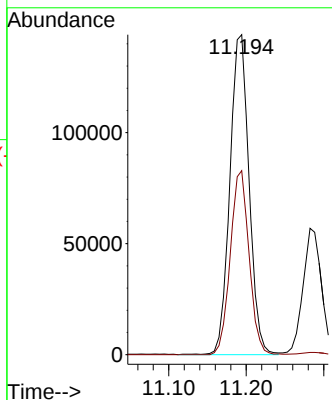
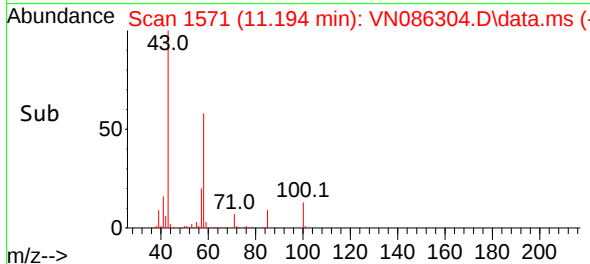
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



Tgt Ion: 43 Resp: 248514
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0

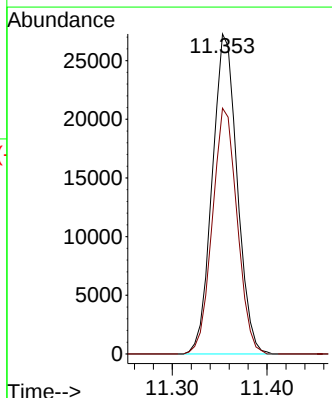
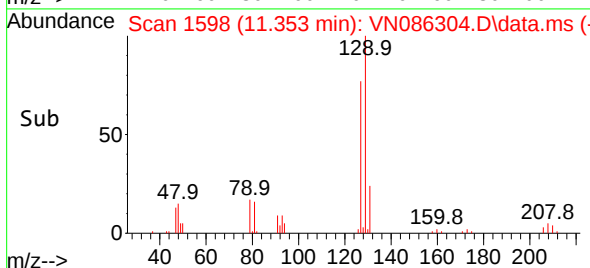
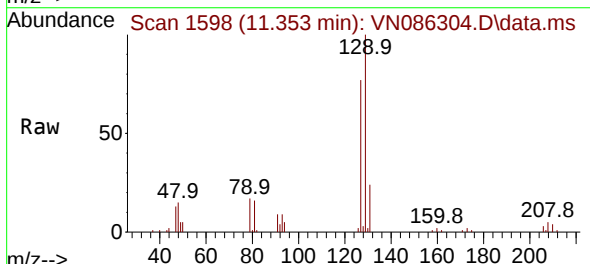
Manual Integrations
APPROVED

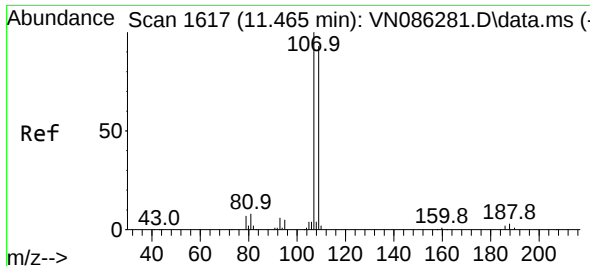
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
Dibromochloromethane
Concen: 18.693 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

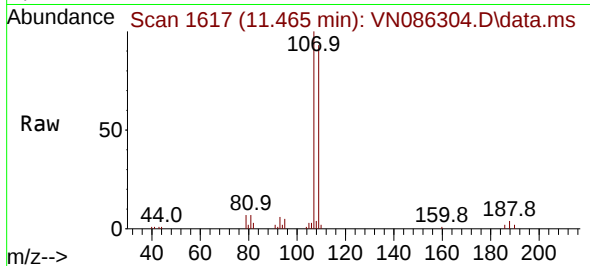
Tgt Ion:129 Resp: 49886
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 18.627 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

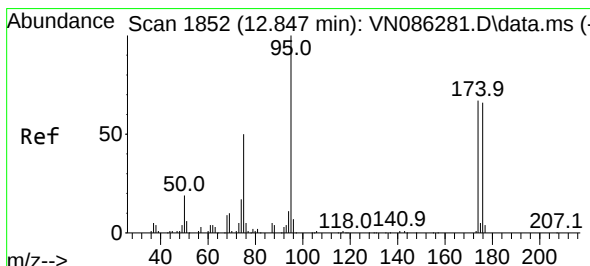
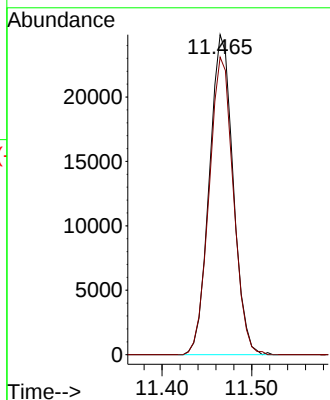
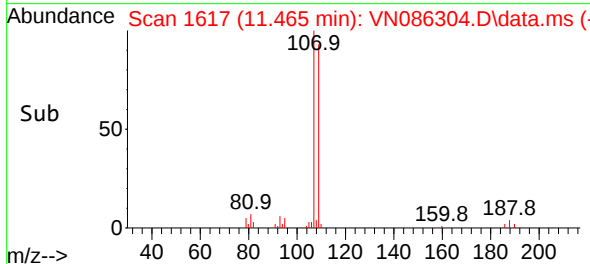
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



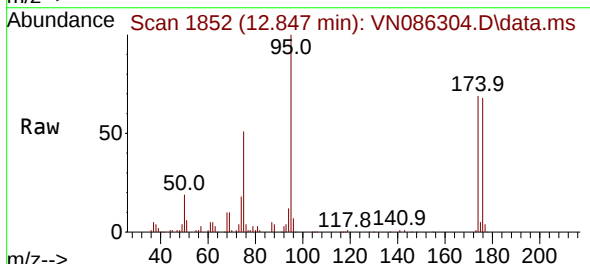
Tgt Ion:107 Resp: 45678
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0

Manual Integrations
APPROVED

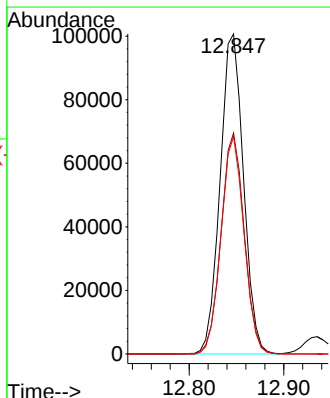
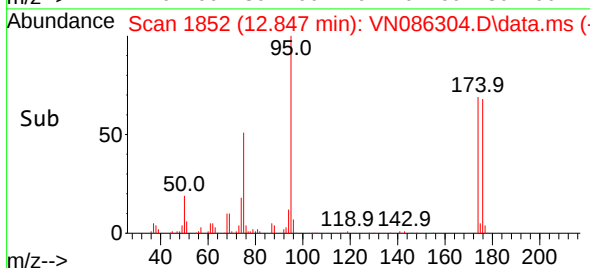
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

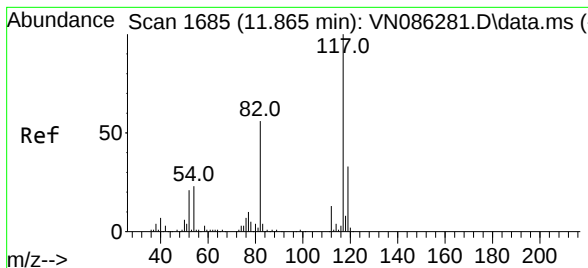


#62
4-Bromofluorobenzene
Concen: 52.375 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



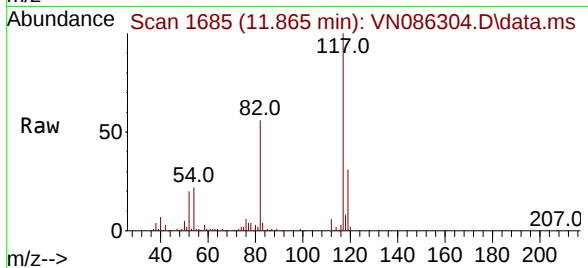
Tgt Ion: 95 Resp: 172716
Ion Ratio Lower Upper
95 100
174 68.1 0.0 133.4
176 66.6 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

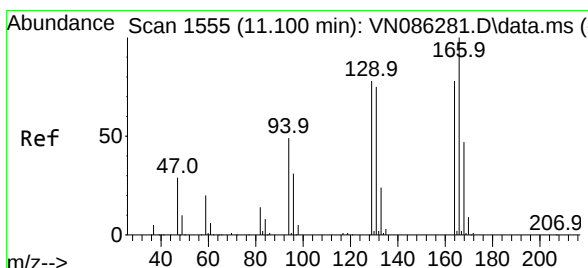
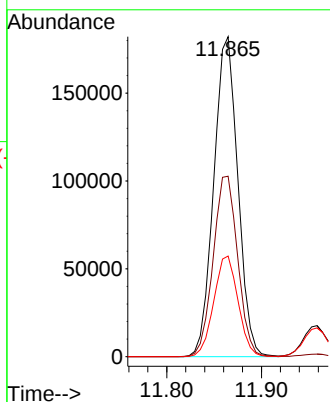
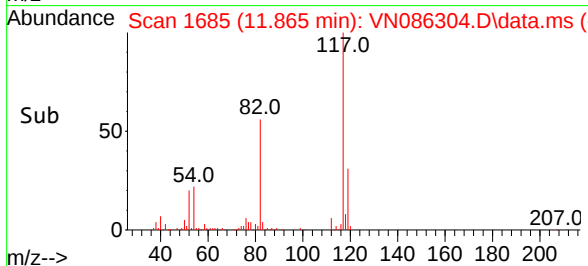
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



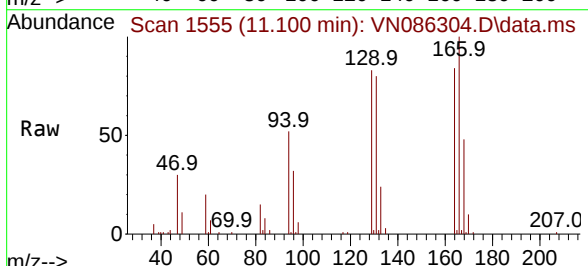
Tgt Ion:117 Resp: 322000
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.4 26.4 39.6

Manual Integrations
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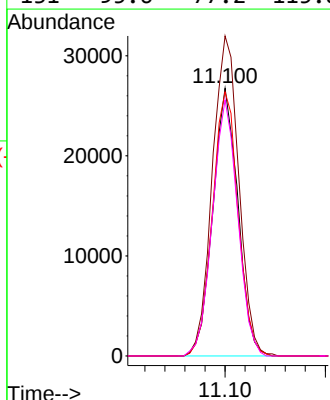
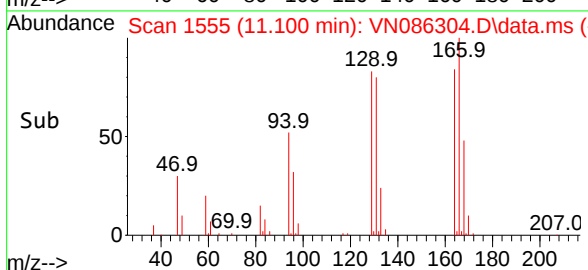
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

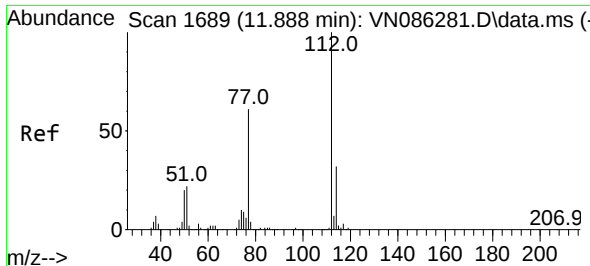


#64
Tetrachloroethene
Concen: 18.742 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



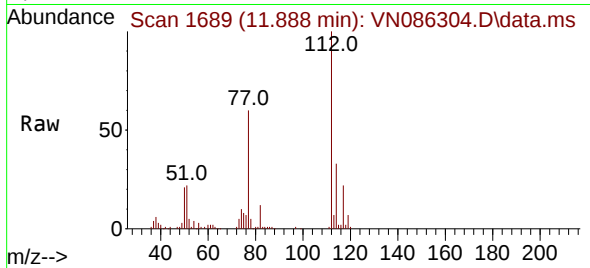
Tgt Ion:164 Resp: 46421
Ion Ratio Lower Upper
164 100
166 119.6 103.0 154.4
129 98.7 80.1 120.1
131 95.6 77.2 115.8





#65
Chlorobenzene
Concen: 18.249 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

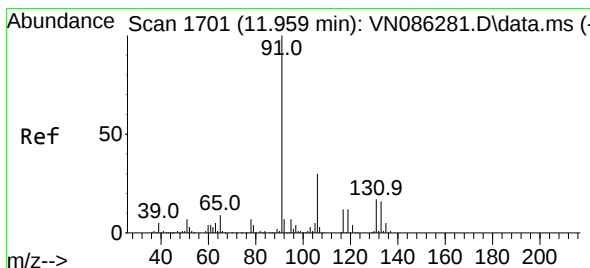
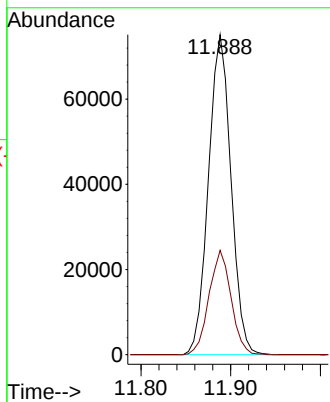
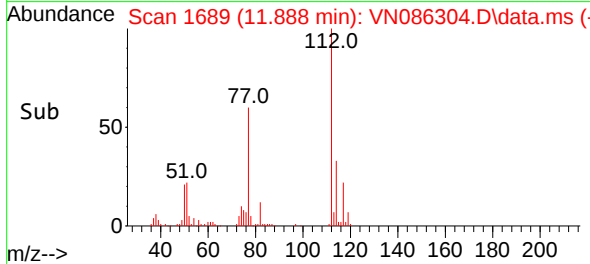
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



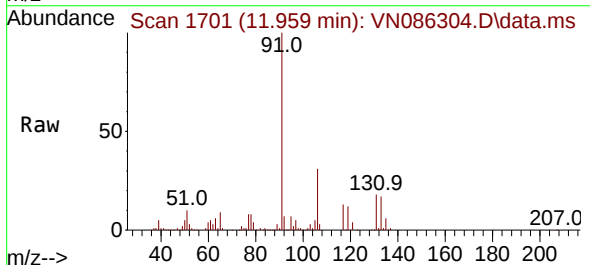
Tgt Ion:112 Resp: 131133
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

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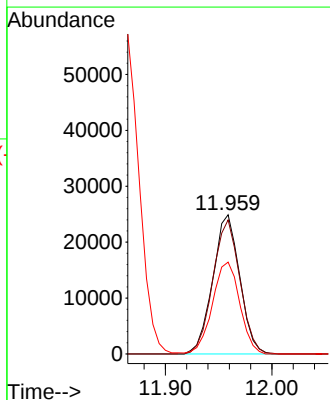
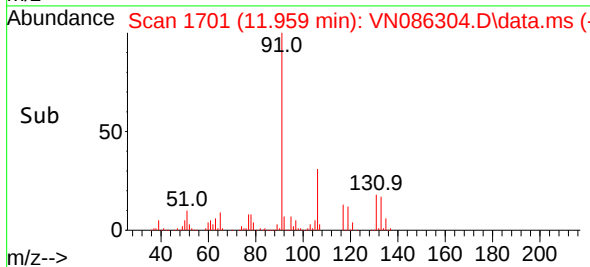
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

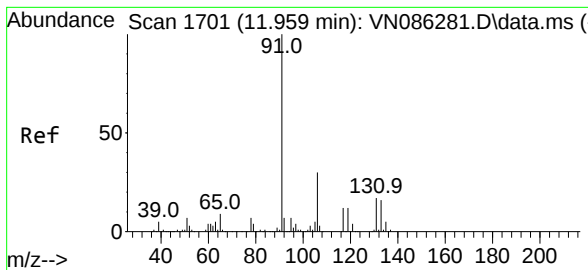


#66
1,1,1,2-Tetrachloroethane
Concen: 18.423 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



Tgt Ion:131 Resp: 43673
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.3
119 66.9 33.8 101.4





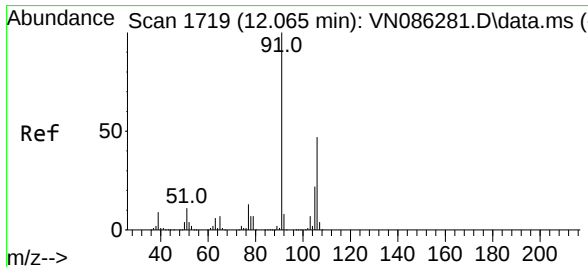
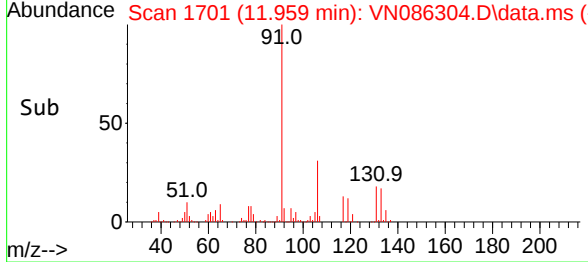
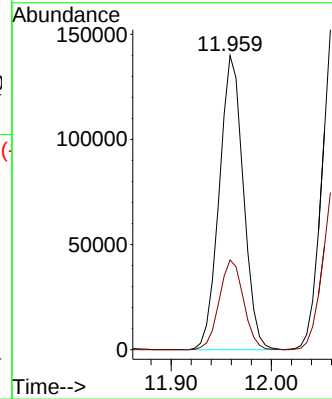
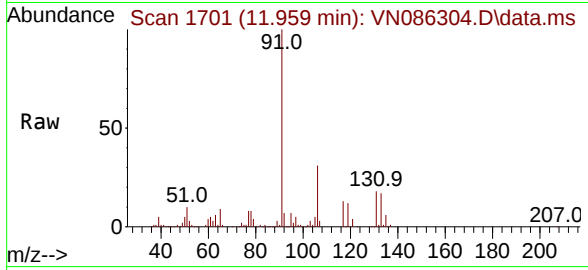
#67
Ethyl Benzene
Concen: 17.963 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion: 91 Resp: 232925
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

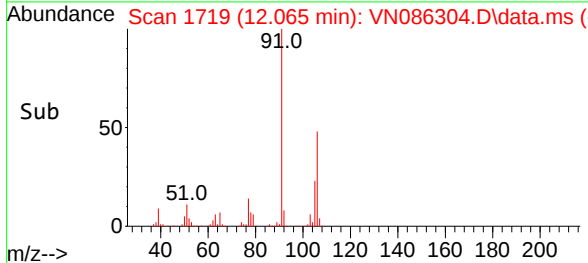
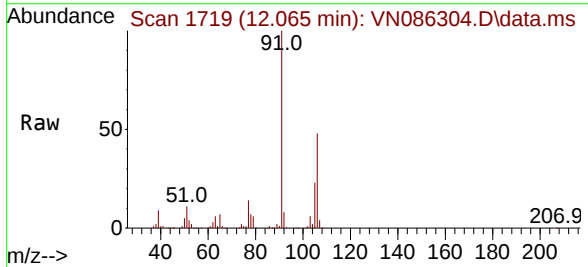
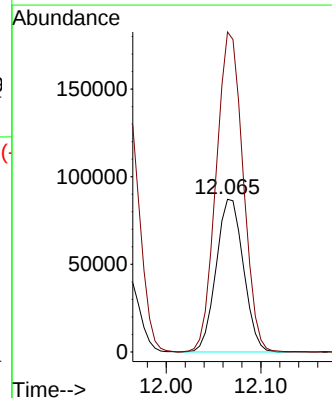
Manual Integrations
APPROVED

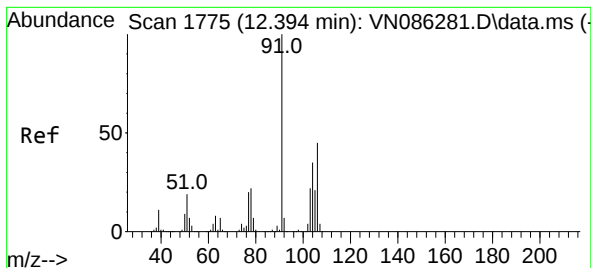
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#68
m/p-Xylenes
Concen: 35.951 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Tgt Ion:106 Resp: 174677
Ion Ratio Lower Upper
106 100
91 206.9 166.5 249.7





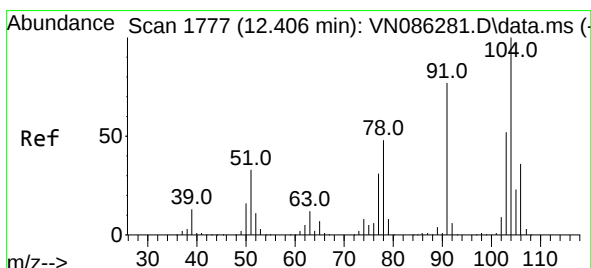
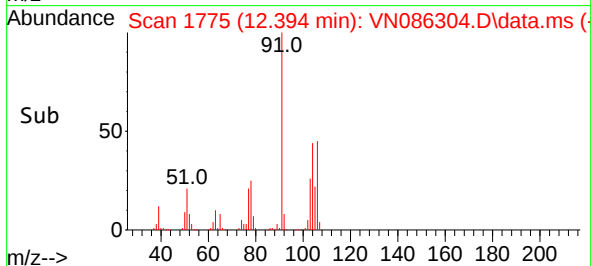
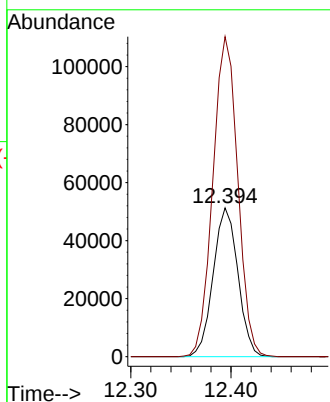
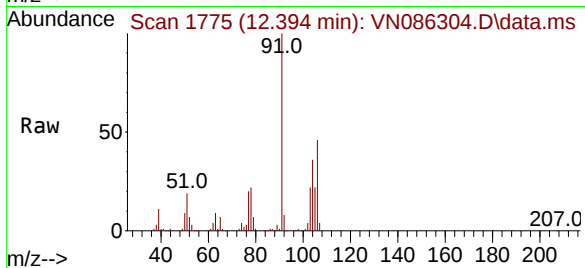
#69
o-Xylene
Concen: 18.255 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion:106 Resp: 87710
Ion Ratio Lower Upper
106 100
91 216.8 109.7 329.0

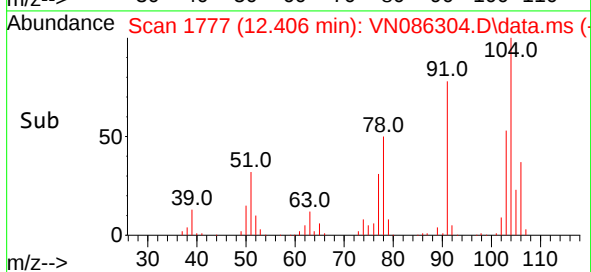
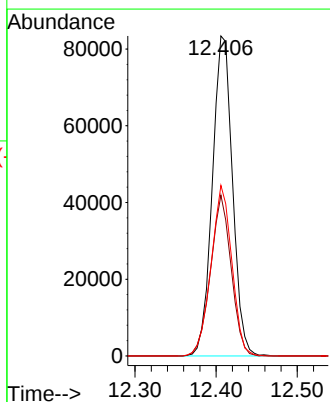
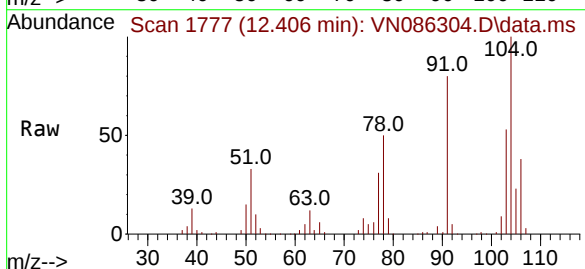
Manual Integrations
APPROVED

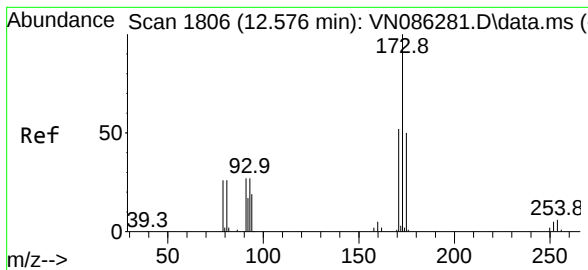
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 18.012 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

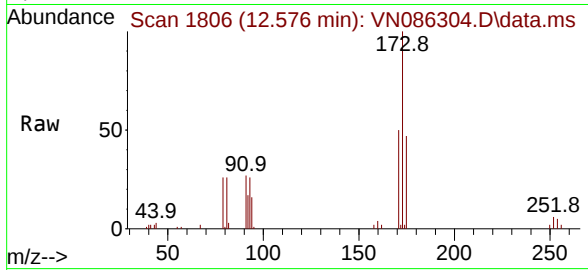
Tgt Ion:104 Resp: 144205
Ion Ratio Lower Upper
104 100
78 51.2 40.6 61.0
103 54.8 43.6 65.4





#71
Bromoform
Concen: 18.466 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

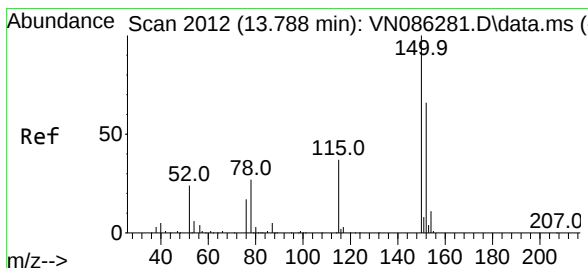
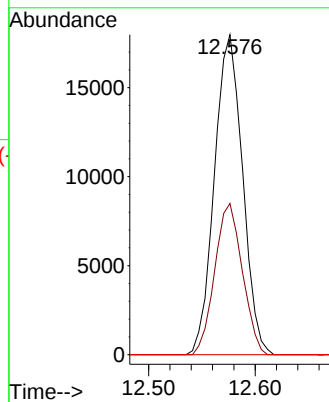
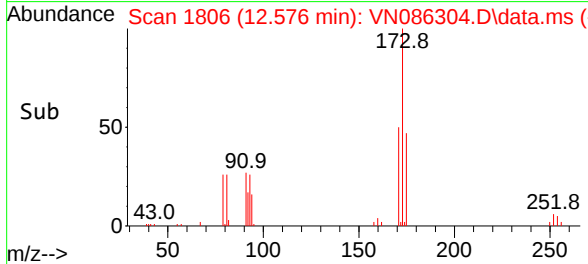
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



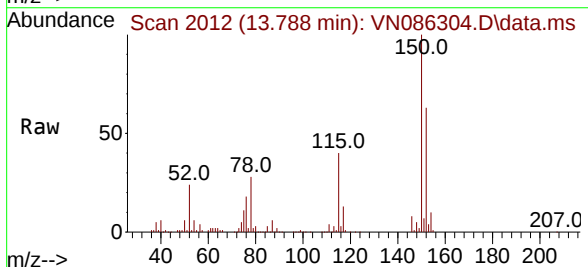
Tgt Ion:173 Resp: 32958
Ion Ratio Lower Upper
173 100
175 46.3 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

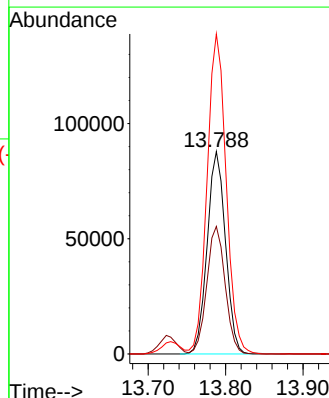
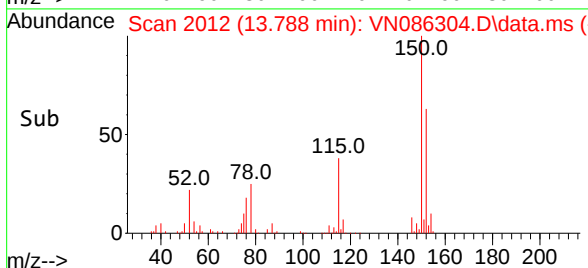
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

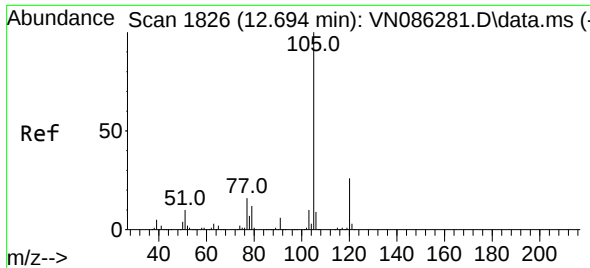


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



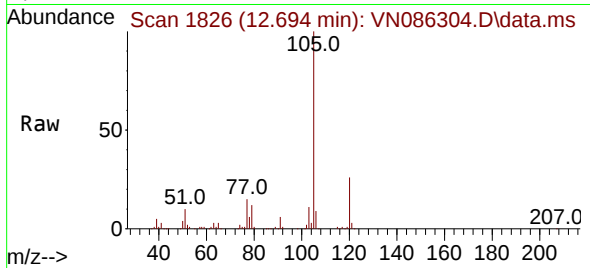
Tgt Ion:152 Resp: 144131
Ion Ratio Lower Upper
152 100
115 63.1 31.9 95.9
150 164.2 0.0 352.0





#73
Isopropylbenzene
Concen: 18.127 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

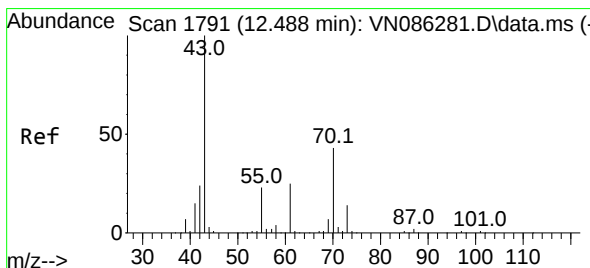
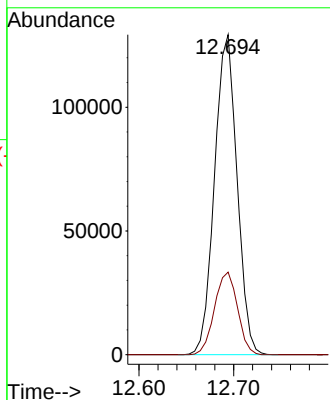
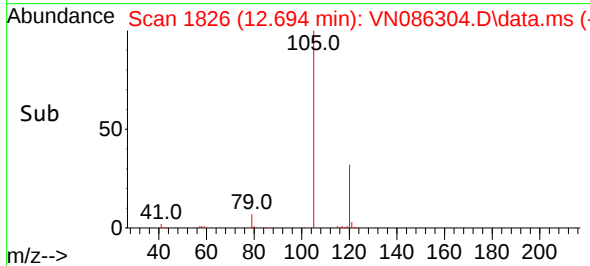
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



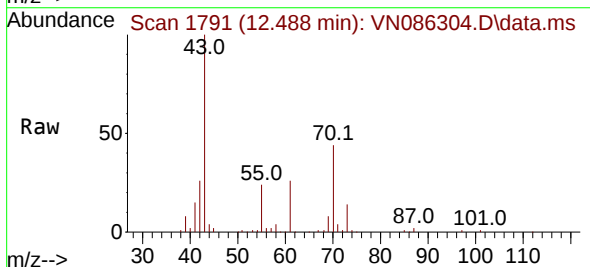
Tgt Ion: 105 Resp: 213720
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

Manual Integrations
APPROVED

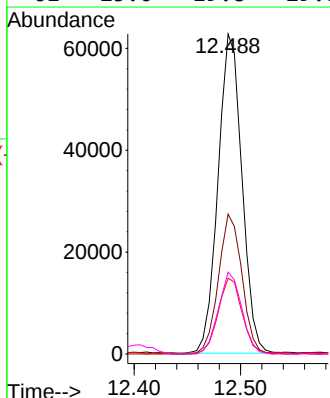
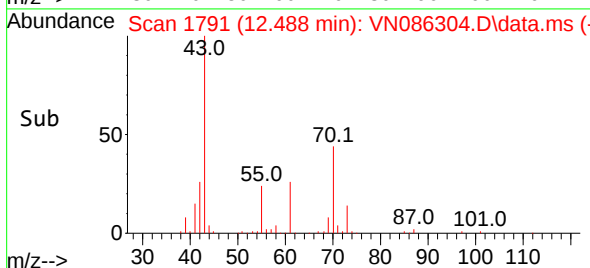
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

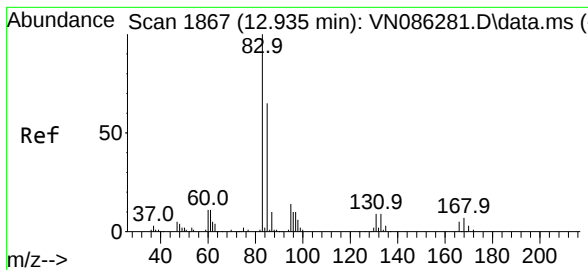


#74
N-ethyl acetate
Concen: 16.605 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



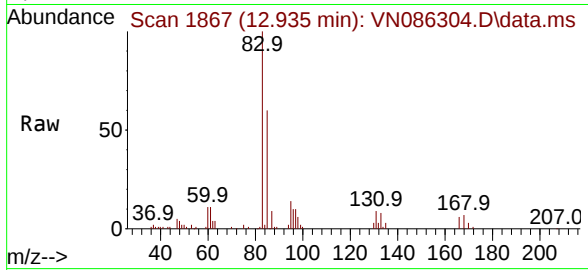
Tgt Ion: 43 Resp: 97463
Ion Ratio Lower Upper
43 100
70 43.1 35.0 52.4
55 24.3 19.0 28.4
61 25.0 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.858 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

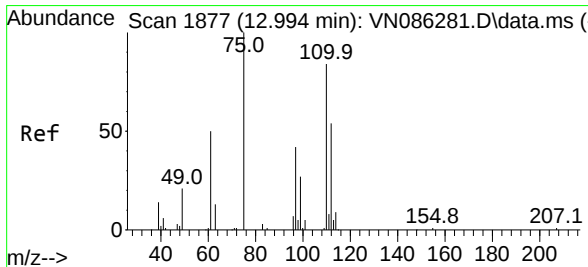
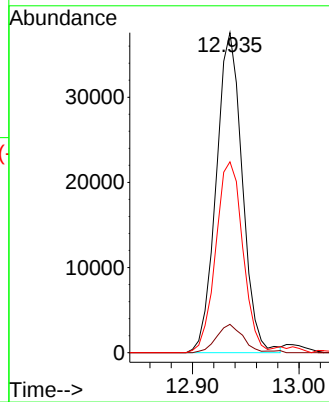
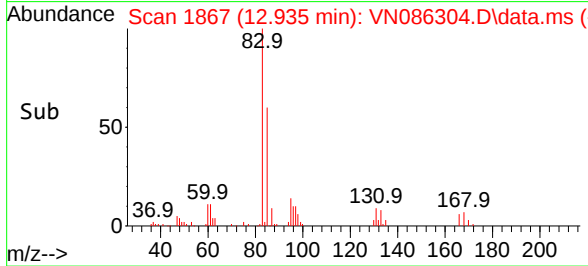
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



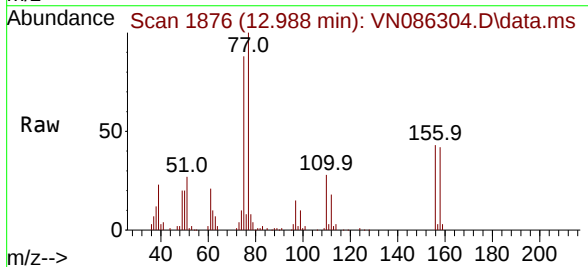
Tgt Ion: 83 Resp: 63929
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.1
85 61.8 32.7 98.1

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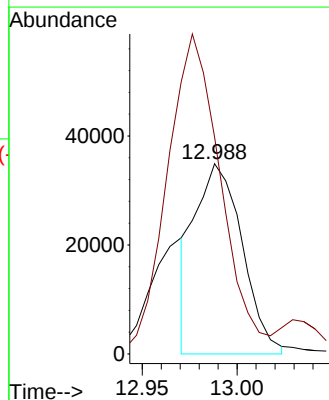
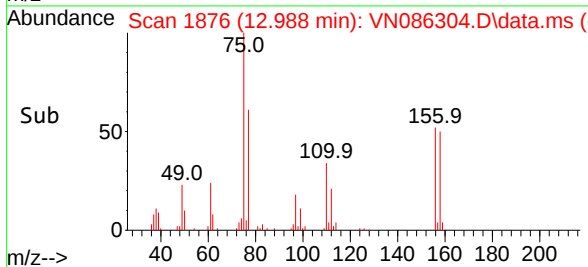
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

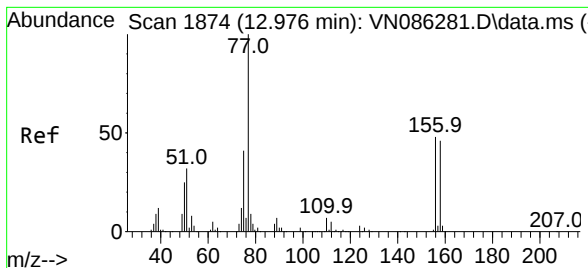


#76
1,2,3-Trichloropropane
Concen: 17.749 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



Tgt Ion: 75 Resp: 60369
Ion Ratio Lower Upper
75 100
77 191.2 98.8 296.4





#77

Bromobenzene

Concen: 18.456 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

Instrument :

MSVOA_N

ClientSampleId :

VN0416MBS01

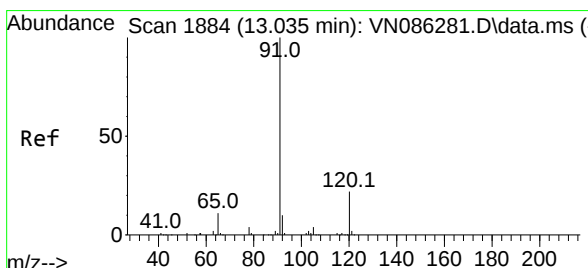
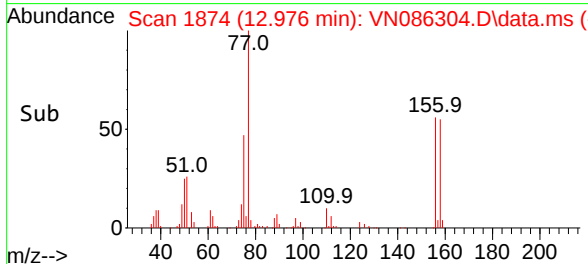
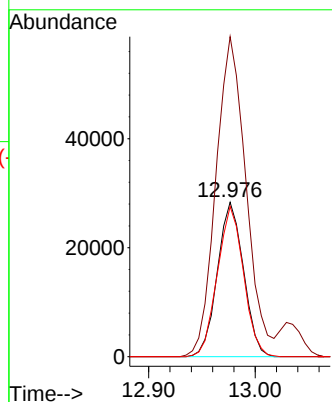
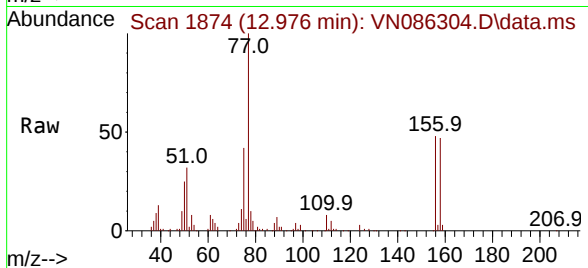
Tgt Ion:156 Resp: 48214
 Ion Ratio Lower Upper
 156 100
 77 239.3 121.1 363.1
 158 97.4 47.9 143.6

Manual Integrations

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Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#78

n-propylbenzene

Concen: 18.023 ug/l

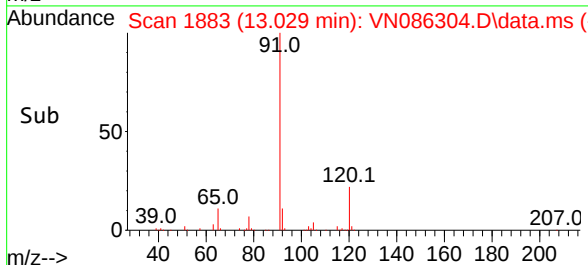
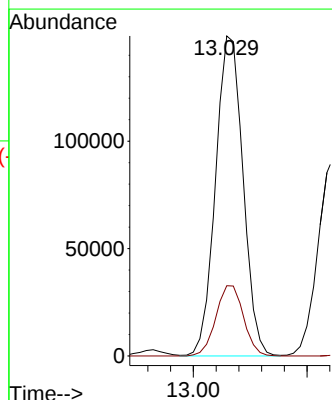
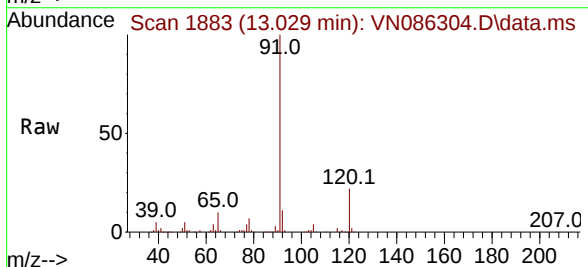
RT: 13.029 min Scan# 1883

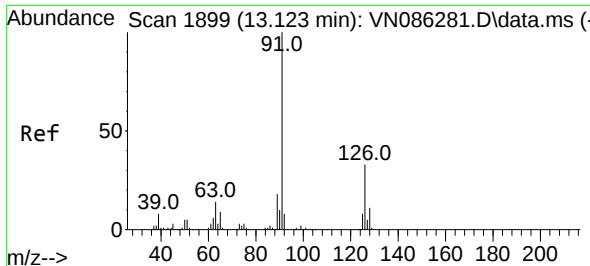
Delta R.T. -0.006 min

Lab File: VN086304.D

Acq: 16 Apr 2025 18:03

Tgt Ion: 91 Resp: 250403
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.1 33.3





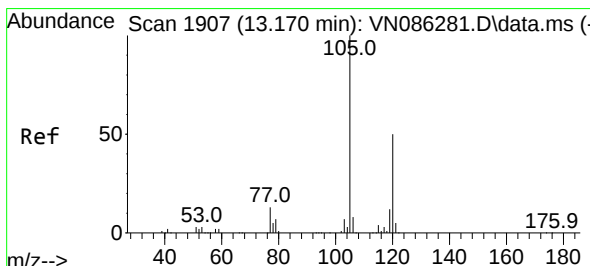
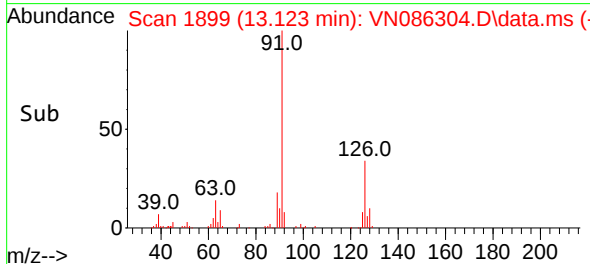
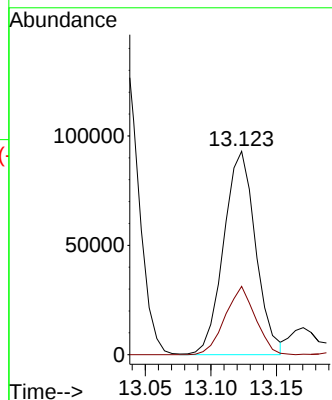
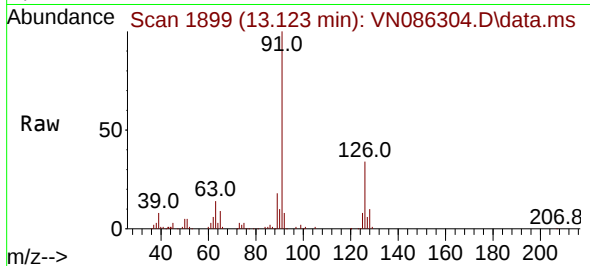
#79
2-Chlorotoluene
Concen: 18.161 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion: 91 Resp: 15788
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2

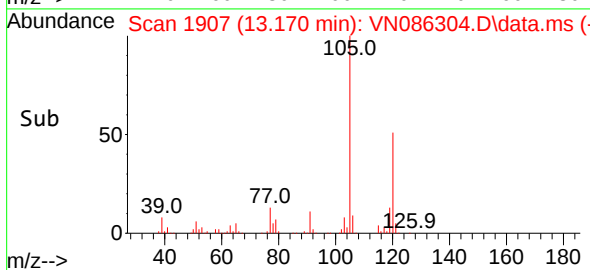
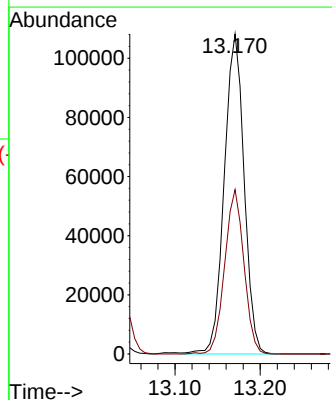
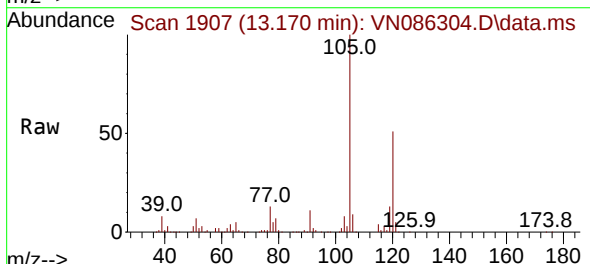
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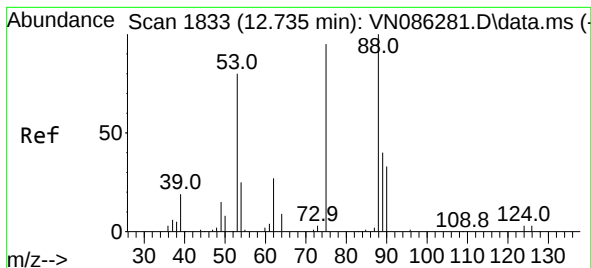
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.140 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

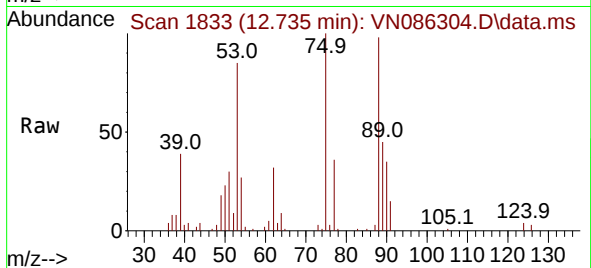
Tgt Ion:105 Resp: 175047
Ion Ratio Lower Upper
105 100
120 49.7 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.668 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

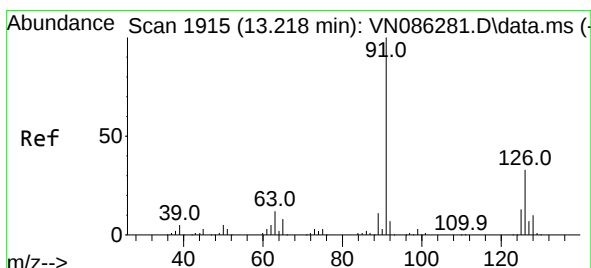
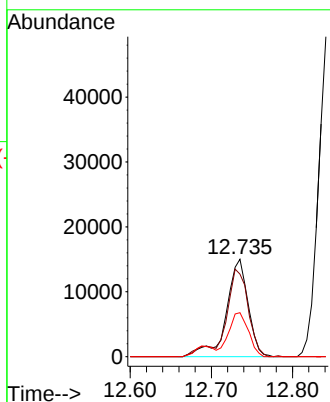
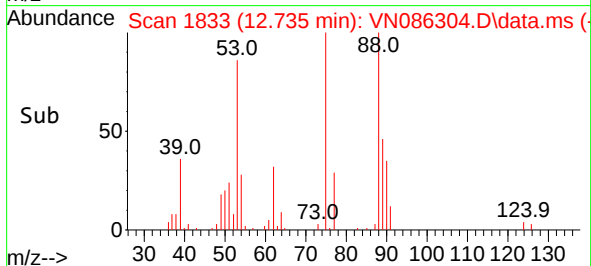
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



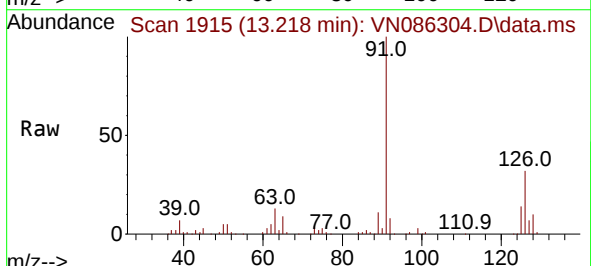
Tgt Ion: 75 Resp: 2785
Ion Ratio Lower Upper
75 100
53 93.7 79.2 118.8
89 41.4 35.7 53.5

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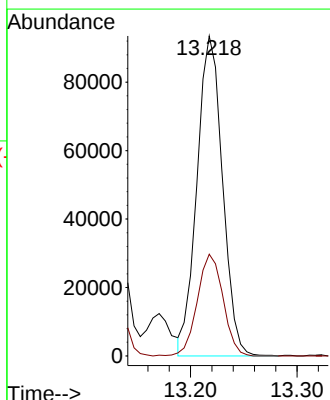
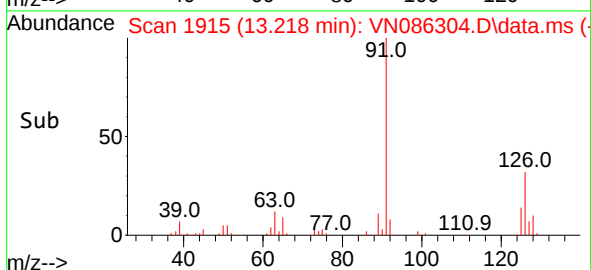
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

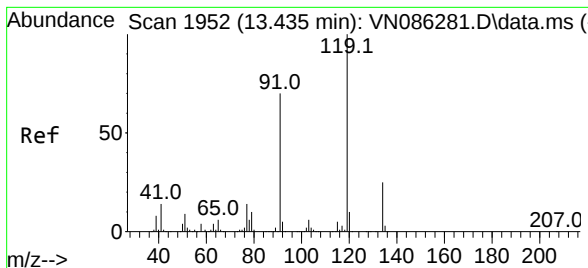


#82
4-Chlorotoluene
Concen: 18.044 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



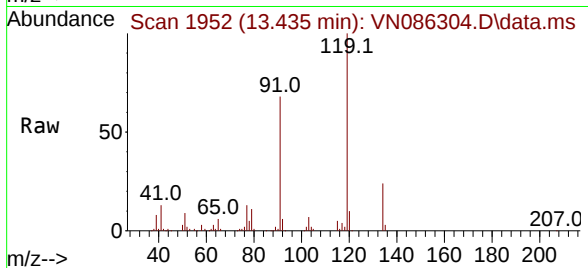
Tgt Ion: 91 Resp: 155828
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 17.731 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

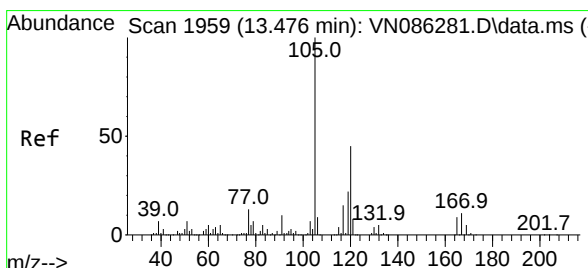
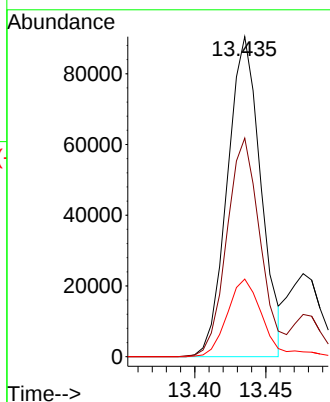
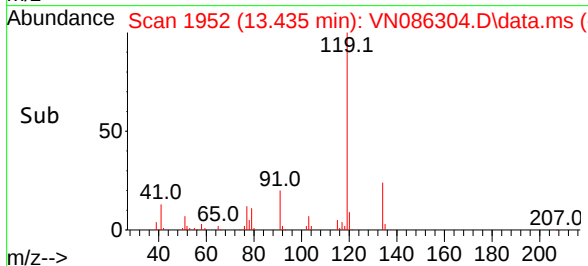
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



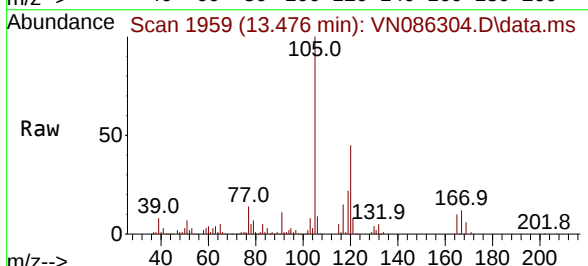
Tgt Ion:119 Resp: 148259
Ion Ratio Lower Upper
119 100
91 69.0 34.4 103.3
134 25.9 13.0 39.0

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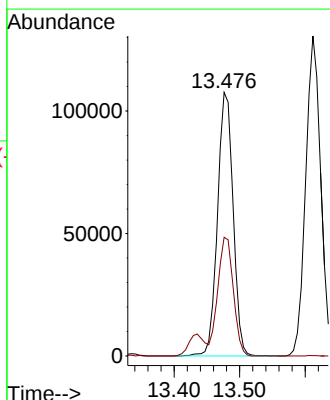
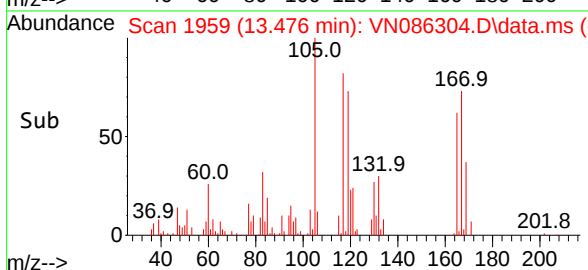
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

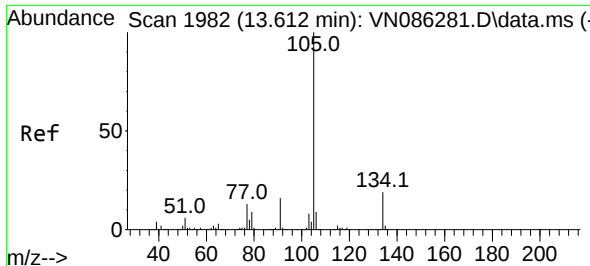


#84
1,2,4-Trimethylbenzene
Concen: 18.038 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



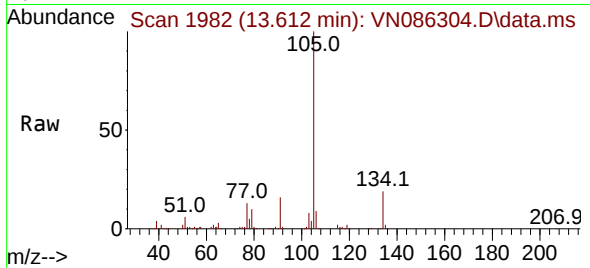
Tgt Ion:105 Resp: 177184
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 17.902 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086304.D
 Acq: 16 Apr 2025 18:03

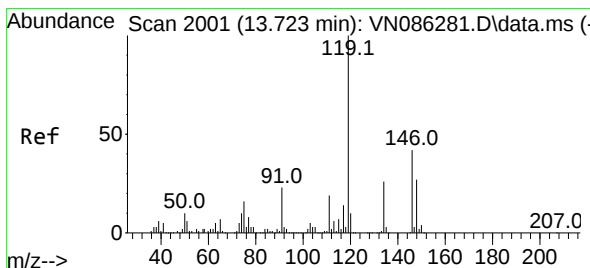
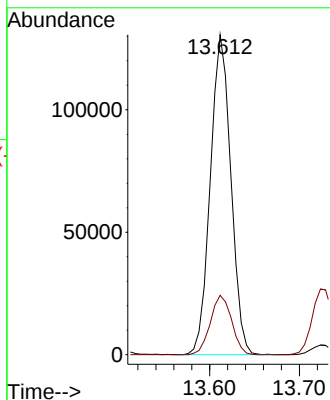
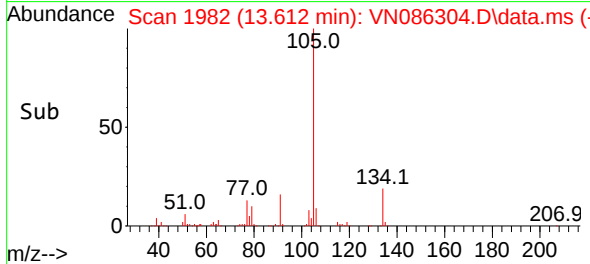
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416MBS01



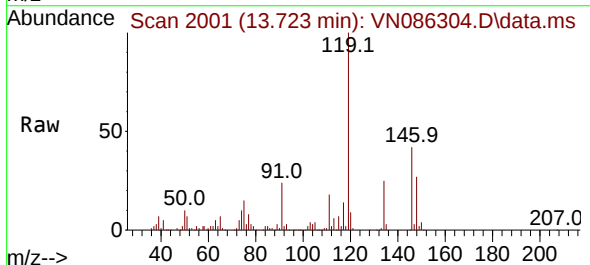
Tgt Ion:105 Resp: 207629
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

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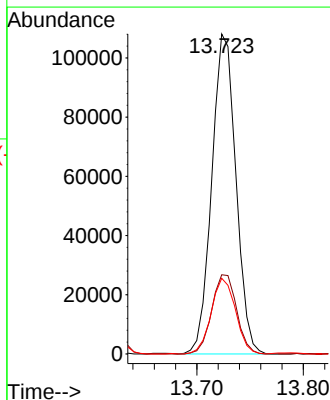
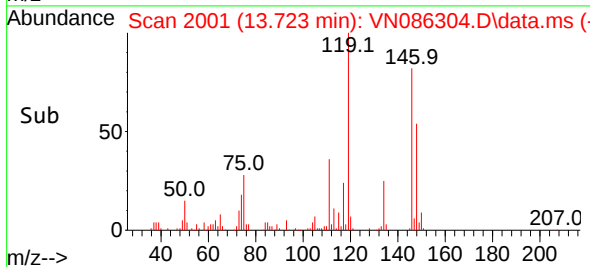
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

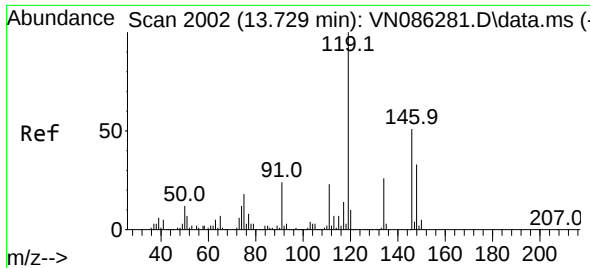


#86
 p-Isopropyltoluene
 Concen: 17.795 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086304.D
 Acq: 16 Apr 2025 18:03



Tgt Ion:119 Resp: 170115
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 23.9 11.9 35.9





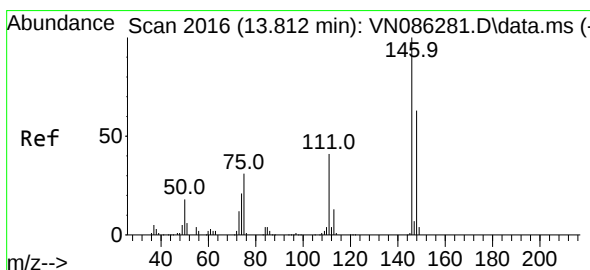
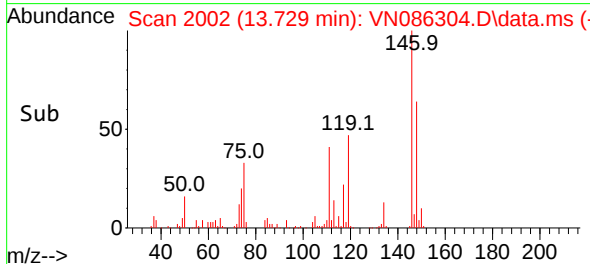
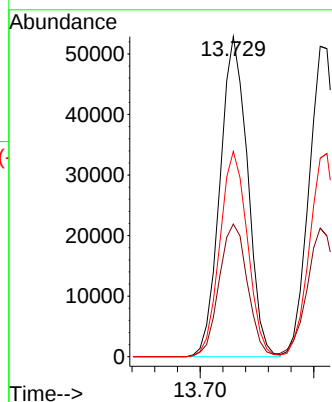
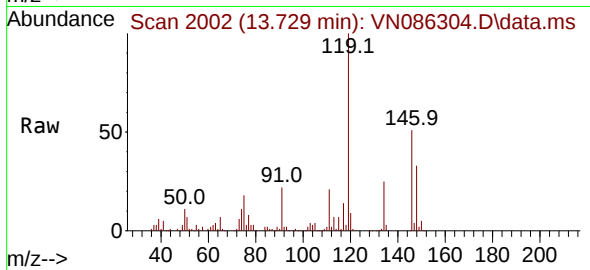
#87
1,3-Dichlorobenzene
Concen: 18.139 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion:146 Resp: 89078
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.7
148 64.4 31.9 95.5

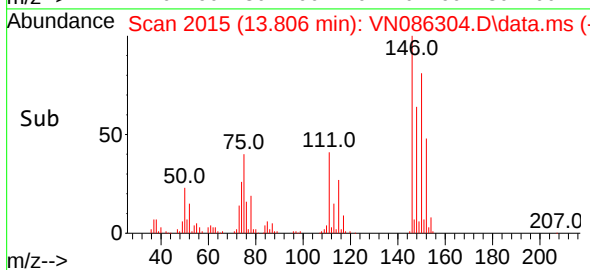
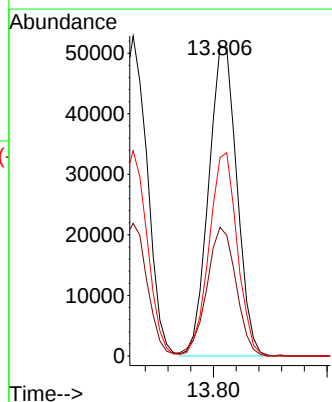
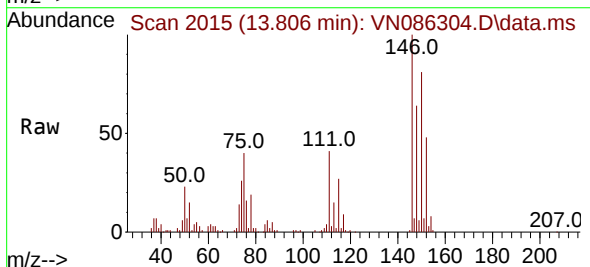
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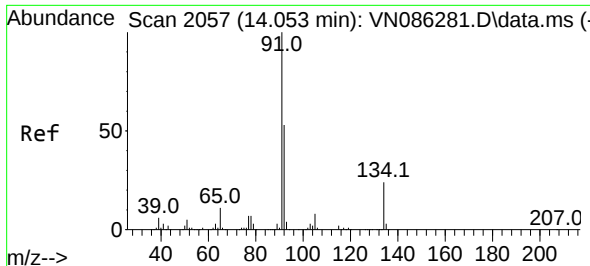
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#88
1,4-Dichlorobenzene
Concen: 17.939 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Tgt Ion:146 Resp: 88733
Ion Ratio Lower Upper
146 100
111 42.9 21.3 63.9
148 64.9 31.9 95.9





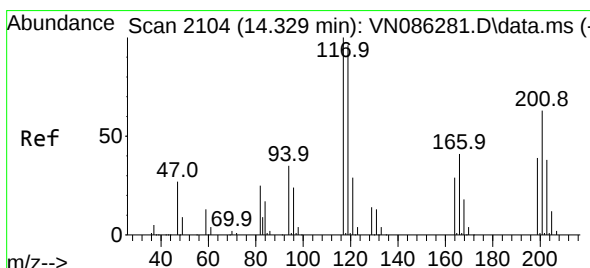
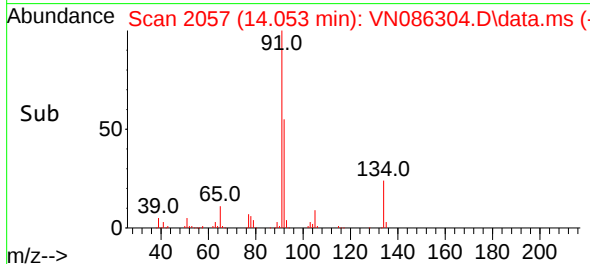
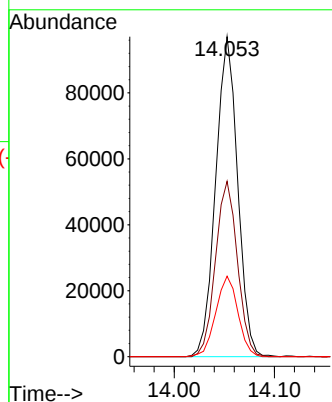
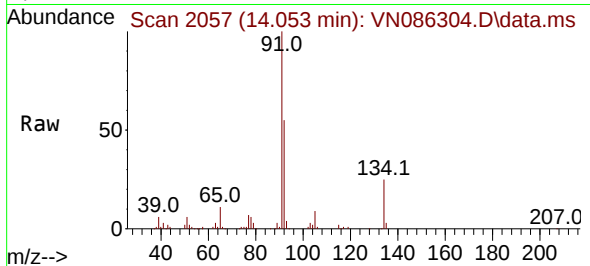
#89
n-Butylbenzene
Concen: 17.420 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion: 91 Resp: 14760
Ion Ratio Lower Upper
91 100
92 54.7 26.8 80.4
134 25.4 12.2 36.6

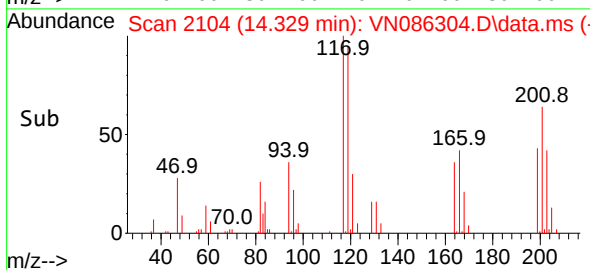
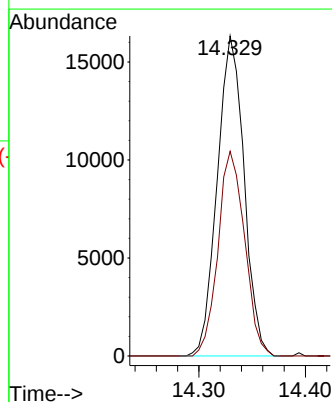
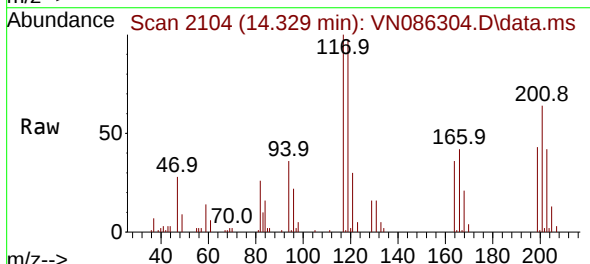
Manual Integrations
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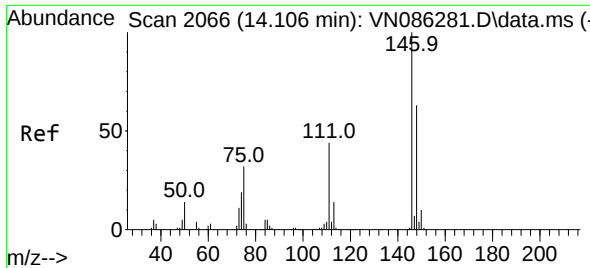
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#90
Hexachloroethane
Concen: 17.747 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Tgt Ion:117 Resp: 28537
Ion Ratio Lower Upper
117 100
201 63.5 31.4 94.2





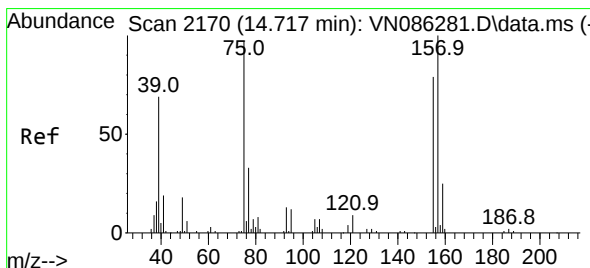
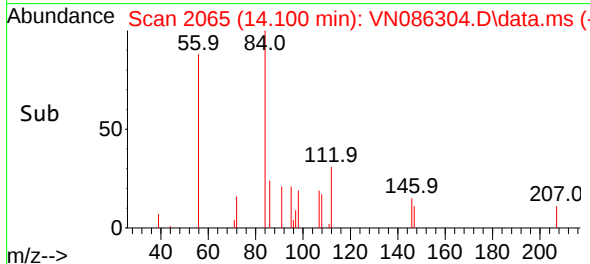
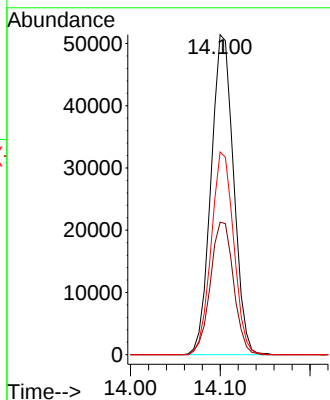
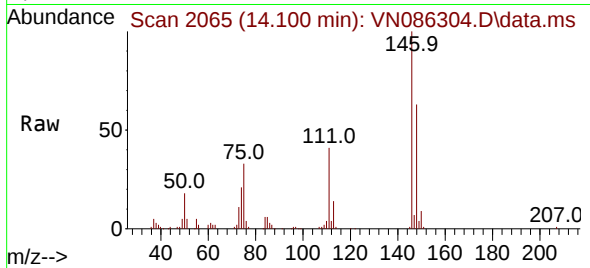
#91
1,2-Dichlorobenzene
Concen: 18.872 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01

Tgt Ion:146 Resp: 8985
Ion Ratio Lower Upper
146 100
111 42.4 22.4 67.0
148 63.2 31.8 95.4

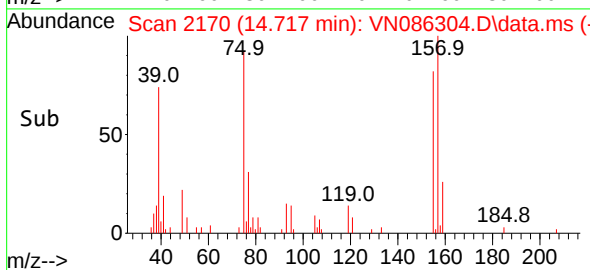
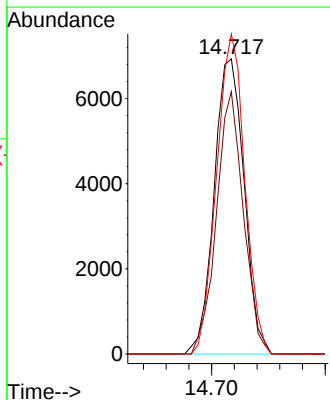
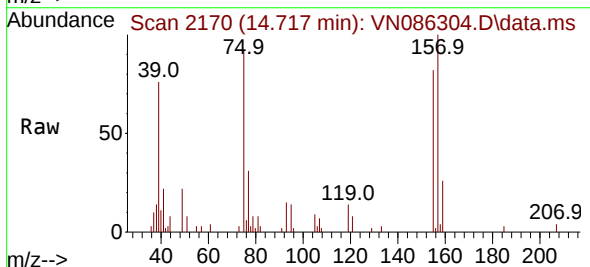
Manual Integrations
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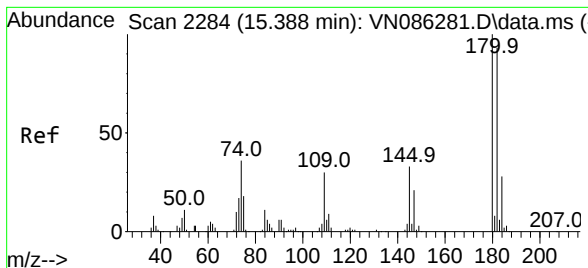
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.540 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

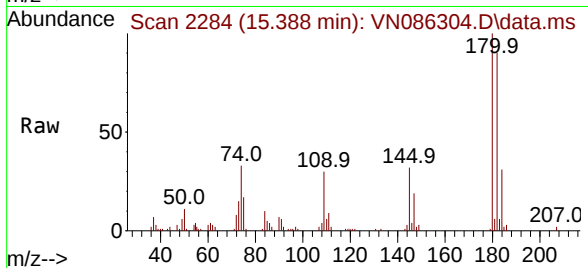
Tgt Ion: 75 Resp: 12673
Ion Ratio Lower Upper
75 100
155 80.1 40.3 120.9
157 102.3 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 19.003 ug/l
RT: 15.388 min Scan# 2102
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

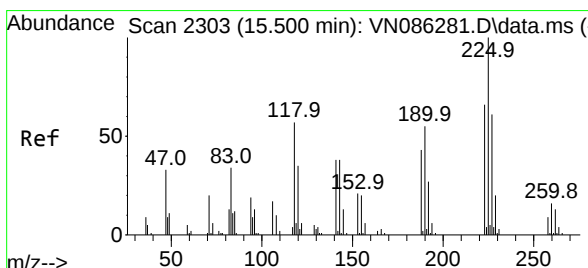
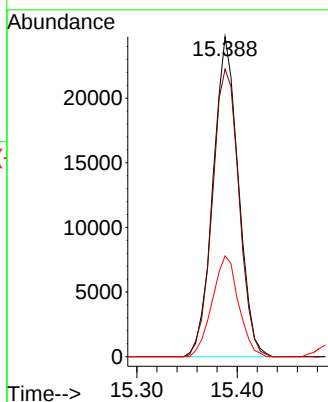
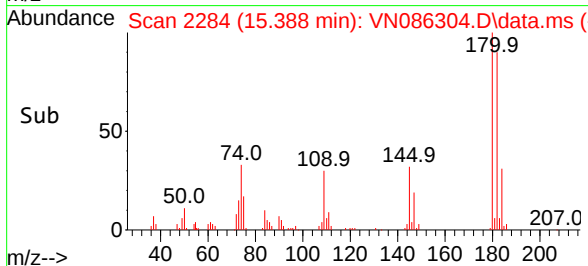
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



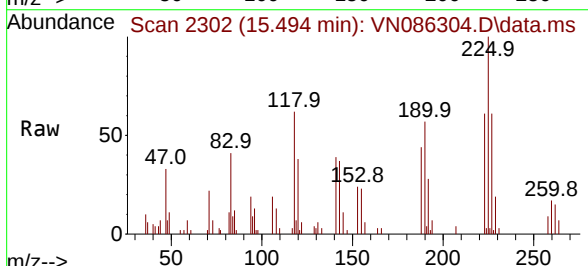
Tgt Ion:180 Resp: 43329
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 32.8 16.4 49.1

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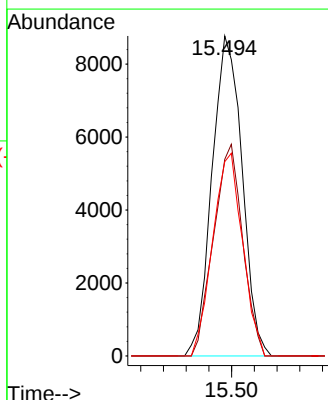
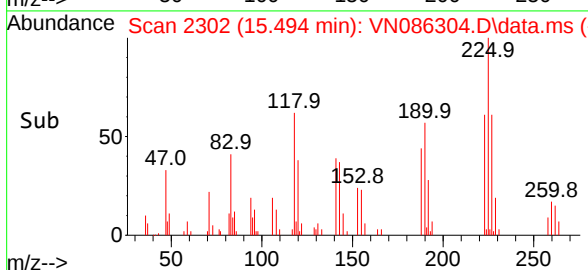
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

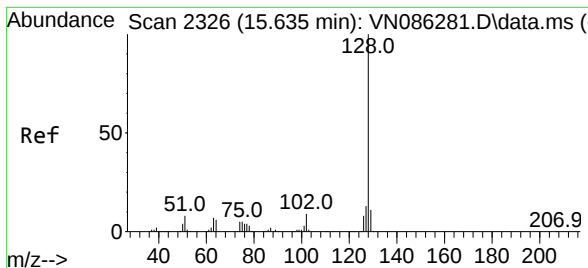


#94
Hexachlorobutadiene
Concen: 18.672 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03



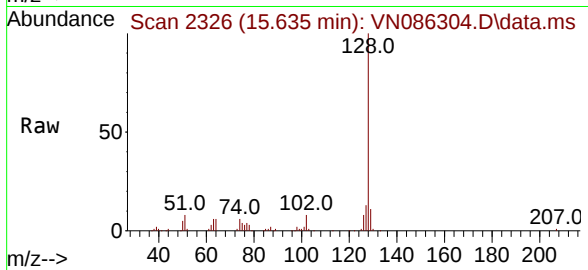
Tgt Ion:225 Resp: 16070
Ion Ratio Lower Upper
225 100
223 64.1 32.8 98.3
227 63.0 31.4 94.0





#95
Naphthalene
Concen: 19.169 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

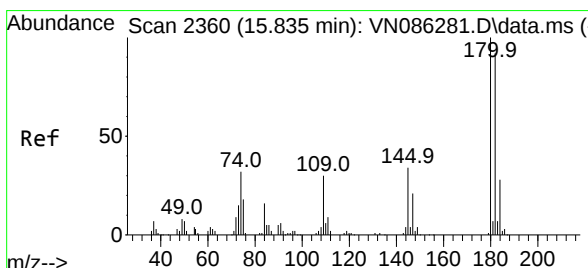
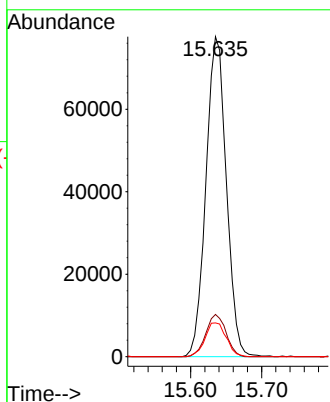
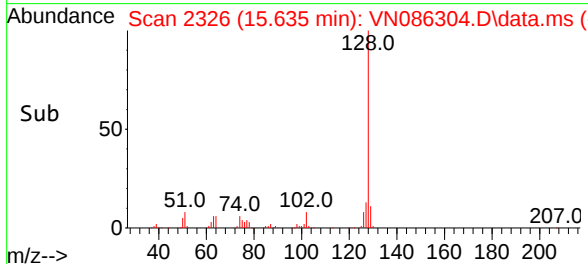
Instrument :
MSVOA_N
ClientSampleId :
VN0416MBS01



Tgt Ion:128 Resp: 15492
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.905 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086304.D
Acq: 16 Apr 2025 18:03

Tgt Ion:180 Resp: 40806
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 34.5 17.2 51.5

