

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086335.D
 Acq On : 18 Apr 2025 11:43
 Operator : JC\MD
 Sample : VN0418WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2025
 Supervised By : Mahesh Dadoda 04/21/2025

Quant Time: Apr 19 02:21:24 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	8.224	168	224987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	165345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	174385	53.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.165	113	102125	52.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.820%			
50) Toluene-d8	10.565	98	526069	51.001	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.847	95	188720	50.161	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	55382	20.765	ug/l	100
3) Chloromethane	2.359	50	73702	19.014	ug/l	97
4) Vinyl Chloride	2.512	62	70059	18.940	ug/l	98
5) Bromomethane	2.959	94	37696	22.656	ug/l	98
6) Chloroethane	3.118	64	47033	18.999	ug/l	96
7) Trichlorofluoromethane	3.500	101	85060	20.760	ug/l	96
8) Diethyl Ether	3.959	74	37370	20.892	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	51199	20.656	ug/l	98
10) Methyl Iodide	4.589	142	62971	23.109	ug/l	98
11) Tert butyl alcohol	5.512	59	61854	103.909	ug/l	99
12) 1,1-Dichloroethene	4.342	96	53177	20.081	ug/l	100
13) Acrolein	4.177	56	41549	143.242	ug/l	96
14) Allyl chloride	5.024	41	85515	18.166	ug/l	97
15) Acrylonitrile	5.712	53	151152	102.717	ug/l	97
16) Acetone	4.424	43	124470	107.084	ug/l	99
17) Carbon Disulfide	4.712	76	143221	18.063	ug/l	100
18) Methyl Acetate	5.024	43	76309	19.485	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	207522	21.319	ug/l	98
20) Methylene Chloride	5.277	84	61969	20.546	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	56449	20.390	ug/l	95
22) Diisopropyl ether	6.665	45	204729	19.992	ug/l	98
23) Vinyl Acetate	6.600	43	732017	102.257	ug/l	98
24) 1,1-Dichloroethane	6.565	63	109336	20.236	ug/l	98
25) 2-Butanone	7.477	43	208797	102.818	ug/l	99
26) 2,2-Dichloropropane	7.483	77	98917	20.447	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	70142	20.413	ug/l	97
28) Bromochloromethane	7.812	49	47614	20.783	ug/l	94
29) Tetrahydrofuran	7.835	42	136675	100.646	ug/l	98
30) Chloroform	7.959	83	109433	20.618	ug/l	99
31) Cyclohexane	8.253	56	96848	18.317	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	94588	20.832	ug/l	96
36) 1,1-Dichloropropene	8.371	75	78683	20.411	ug/l	100
37) Ethyl Acetate	7.553	43	82925	20.433	ug/l	98
38) Carbon Tetrachloride	8.359	117	76817	20.925	ug/l	99
39) Methylcyclohexane	9.594	83	90572	19.767	ug/l	98
40) Benzene	8.600	78	254004	20.566	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46152	19.621	ug/l	97
42) 1,2-Dichloroethane	8.665	62	85224	21.638	ug/l	100
43) Isopropyl Acetate	8.682	43	154281	19.790	ug/l	98
44) Trichloroethene	9.347	130	63217	21.595	ug/l	95
45) 1,2-Dichloropropane	9.618	63	62721	20.746	ug/l	100
46) Dibromomethane	9.706	93	43143	22.397	ug/l	99
47) Bromodichloromethane	9.882	83	90117	21.661	ug/l	99
48) Methyl methacrylate	9.677	41	70811	19.869	ug/l	95
49) 1,4-Dioxane	9.694	88	24051	396.735	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	441866	106.324	ug/l	99
52) Toluene	10.629	92	159623	20.713	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	101094	21.768	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	106519	20.882	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	60462	21.806	ug/l	95
56) Ethyl methacrylate	10.871	69	107442	21.081	ug/l	99
57) 1,3-Dichloropropane	11.159	76	106587	21.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	258392	106.814	ug/l	98
59) 2-Hexanone	11.194	43	322801	104.720	ug/l	100
60) Dibromochloromethane	11.353	129	66870	21.962	ug/l	100
61) 1,2-Dibromoethane	11.465	107	61759	22.074	ug/l	99
64) Tetrachloroethene	11.100	164	61016	21.937	ug/l	97
65) Chlorobenzene	11.888	112	172877	21.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	57889	21.746	ug/l	99
67) Ethyl Benzene	11.959	91	298742	20.516	ug/l	99
68) m/p-Xylenes	12.065	106	227360	41.670	ug/l	98
69) o-Xylene	12.394	106	113464	21.028	ug/l	97
70) Styrene	12.406	104	190942	21.238	ug/l	99
71) Bromoform	12.576	173	43273	21.590	ug/l #	99
73) Isopropylbenzene	12.694	105	273957	20.255	ug/l	99
74) N-amyl acetate	12.488	43	126467	18.782	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	80275	20.642	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	81638m	20.923	ug/l	
77) Bromobenzene	12.976	156	64489	21.518	ug/l	98
78) n-propylbenzene	13.029	91	324773	20.377	ug/l	100
79) 2-Chlorotoluene	13.123	91	204293	20.484	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	227883	20.585	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	34116	20.999	ug/l	97
82) 4-Chlorotoluene	13.217	91	201301	20.319	ug/l	100
83) tert-Butylbenzene	13.435	119	194004	20.225	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	232694	20.650	ug/l	99
85) sec-Butylbenzene	13.612	105	278519	20.933	ug/l	100
86) p-Isopropyltoluene	13.723	119	231442	21.104	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	119905	21.283	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	120991	21.322	ug/l	100
89) n-Butylbenzene	14.053	91	206092	21.202	ug/l	99
90) Hexachloroethane	14.329	117	38332	20.780	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	118138	21.629	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16913	21.569	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	59341	22.688	ug/l	100
94) Hexachlorobutadiene	15.500	225	23137	23.435	ug/l	98
95) Naphthalene	15.635	128	201733	21.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	55254	22.314	ug/l	98

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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

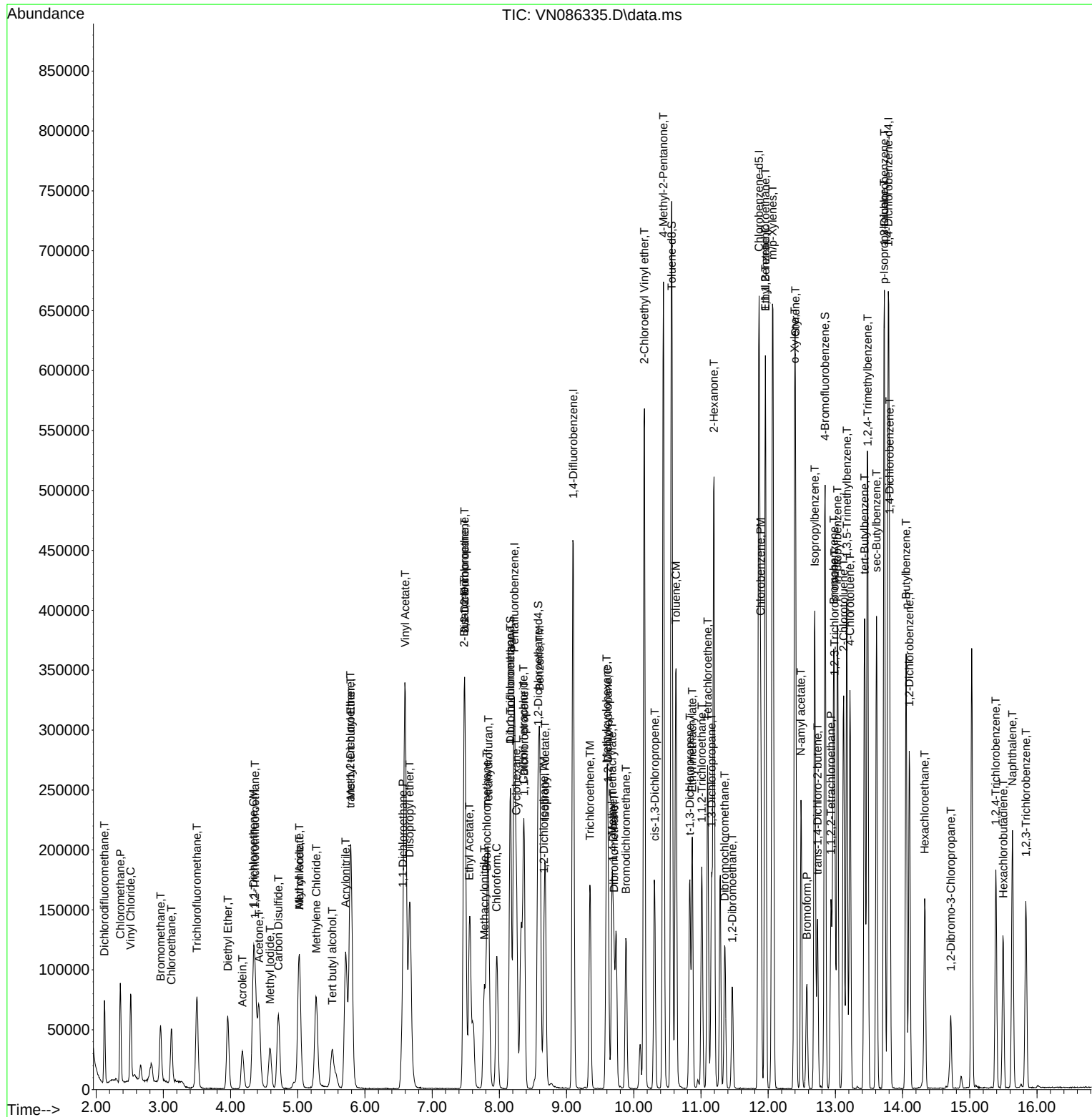
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
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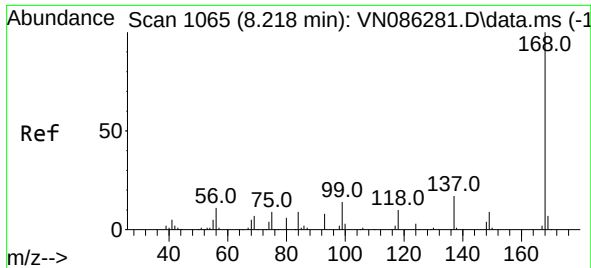
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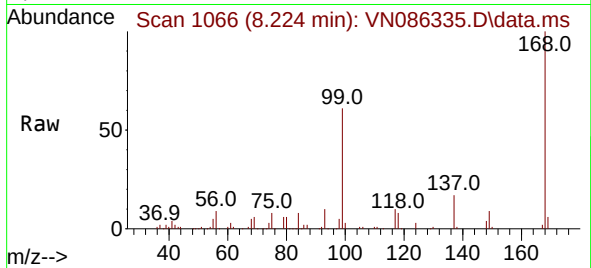
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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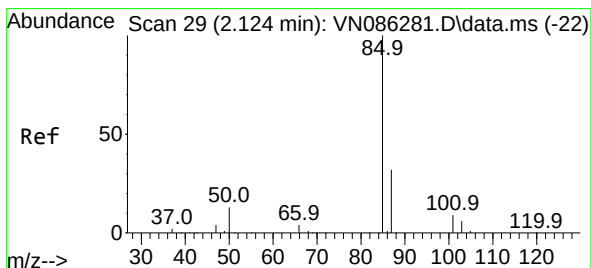
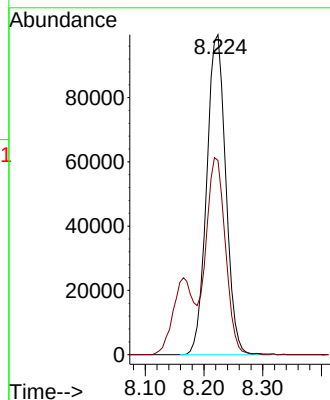
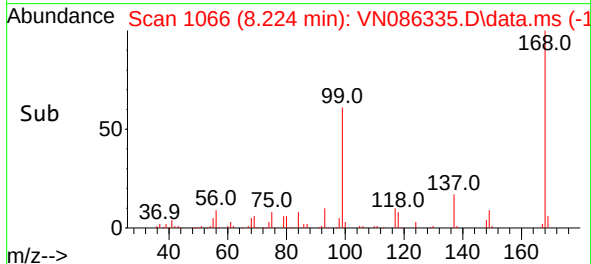
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 22498
Ion Ratio Lower Upper
168 100
99 60.7 52.5 78.7

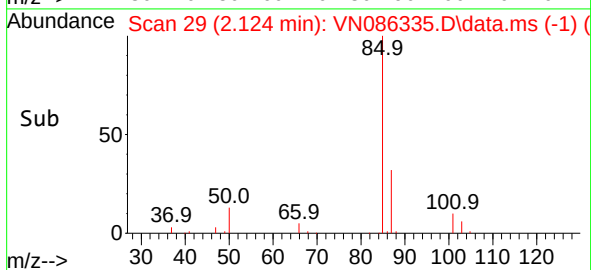
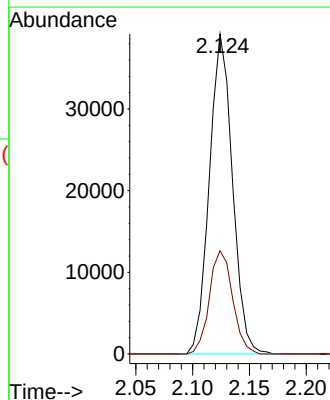
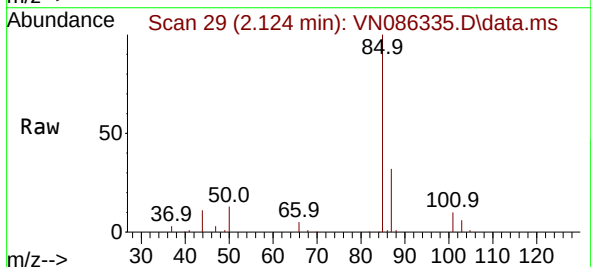
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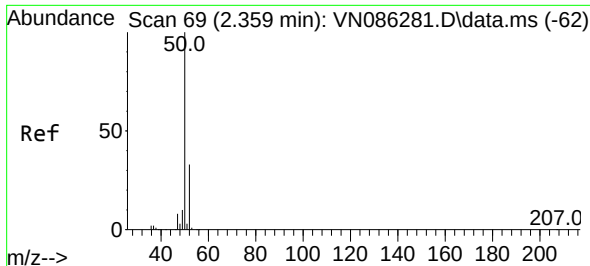
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#2
Dichlorodifluoromethane
Concen: 20.765 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

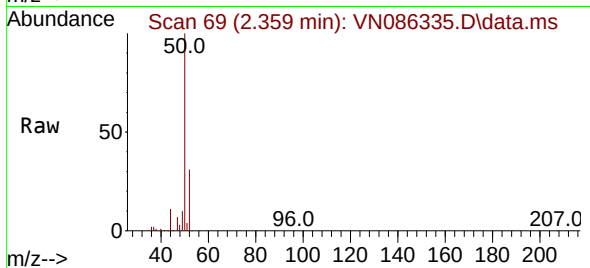
Tgt Ion: 85 Resp: 55382
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.8





#3
Chloromethane
Concen: 19.014 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

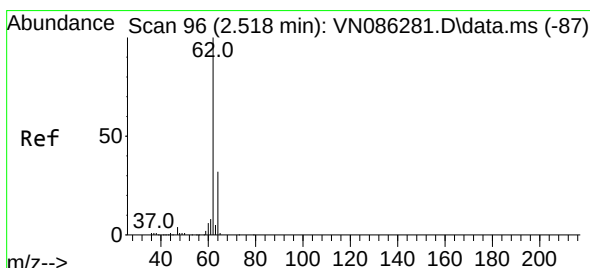
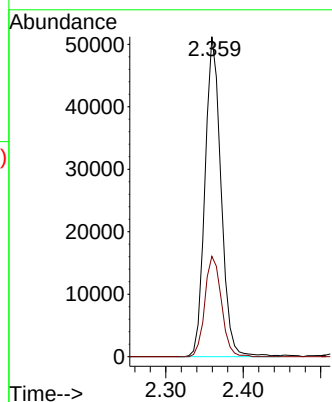
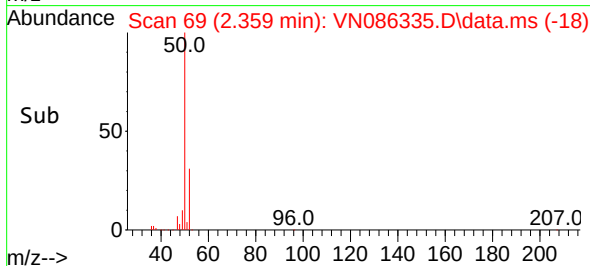
Instrument :
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Tgt Ion: 50 Resp: 73702
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

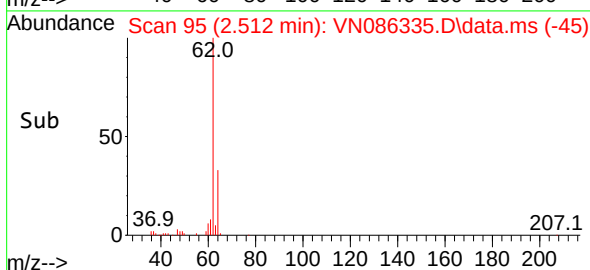
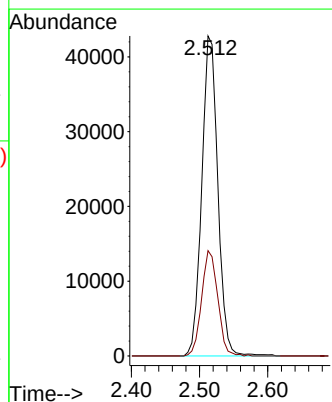
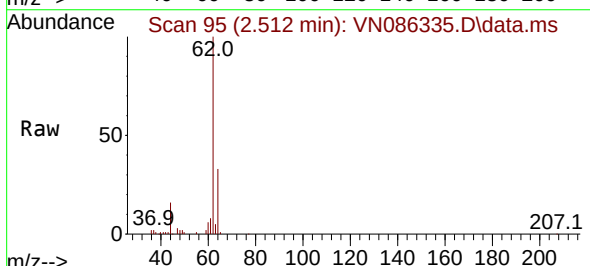
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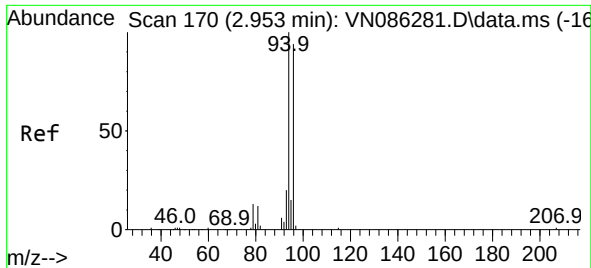
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#4
Vinyl Chloride
Concen: 18.940 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

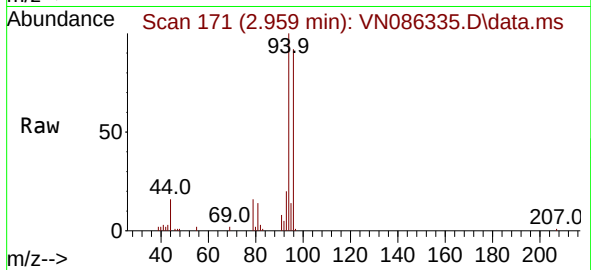
Tgt Ion: 62 Resp: 70059
Ion Ratio Lower Upper
62 100
64 32.9 25.6 38.4





#5
Bromomethane
Concen: 22.656 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

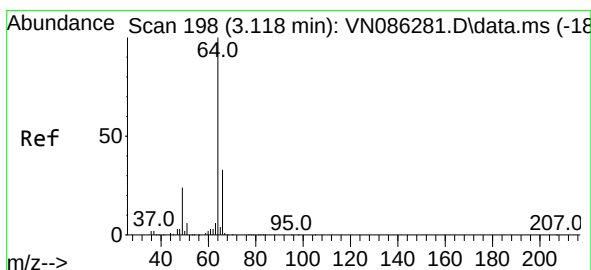
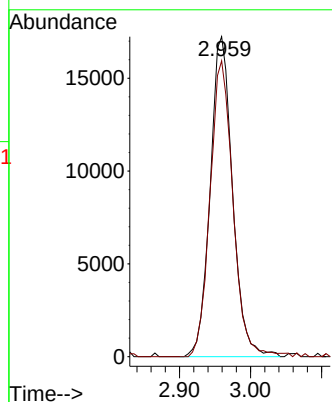
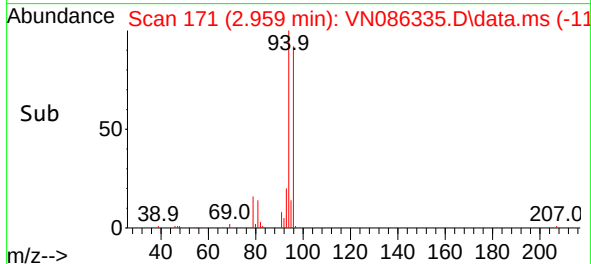
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Tgt Ion: 94 Resp: 37690
Ion Ratio Lower Upper
94 100
96 92.5 75.2 112.8

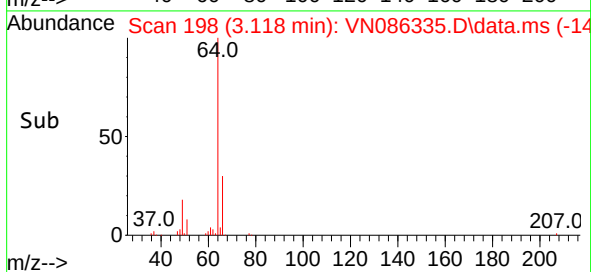
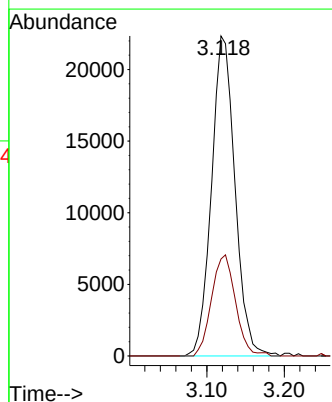
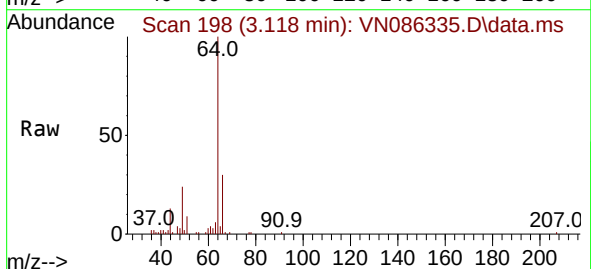
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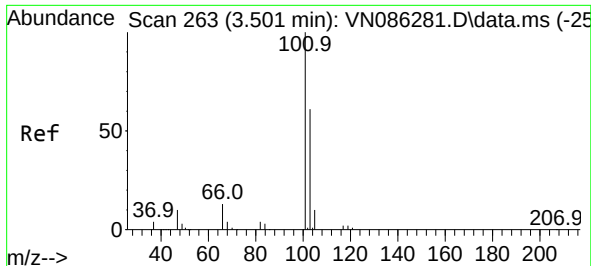
Reviewed By :John Carlone 04/21/2025
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#6
Chloroethane
Concen: 18.999 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086335.D
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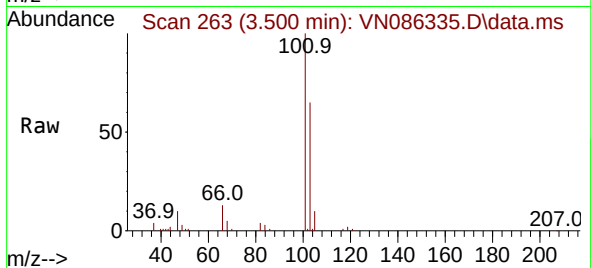
Tgt Ion: 64 Resp: 47033
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 20.760 ug/l
 RT: 3.500 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43

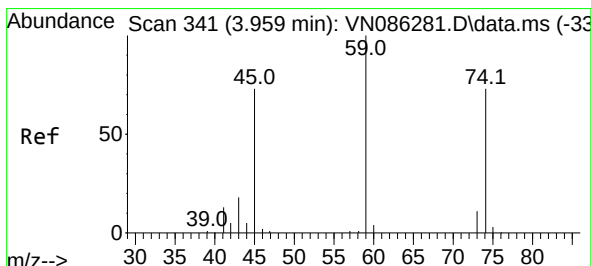
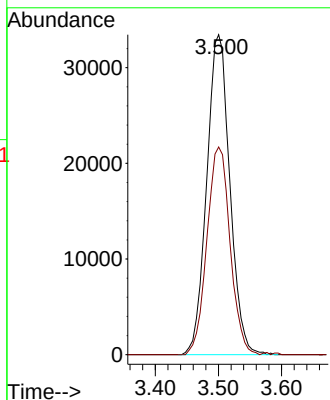
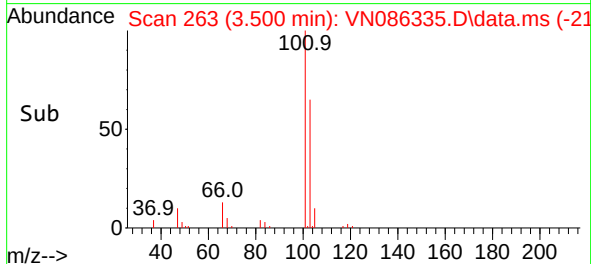
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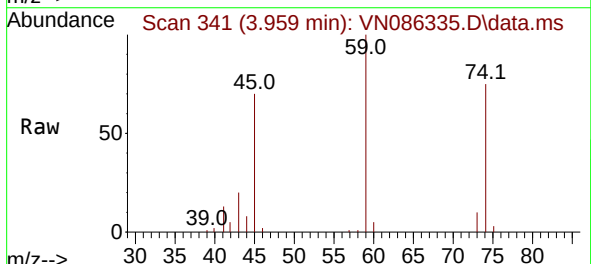
Tgt Ion:101 Resp: 85060
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.2 73.8

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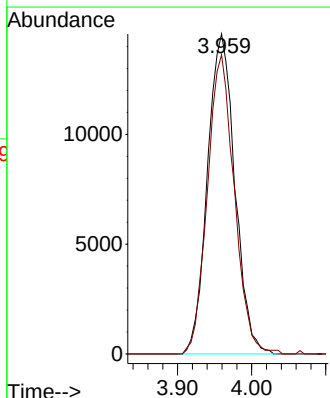
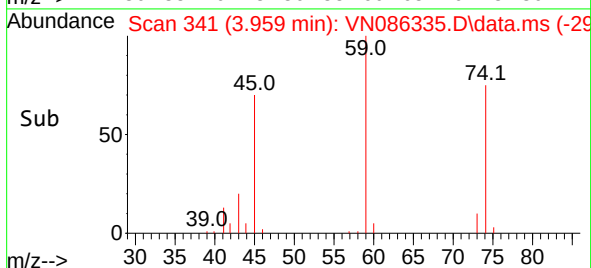
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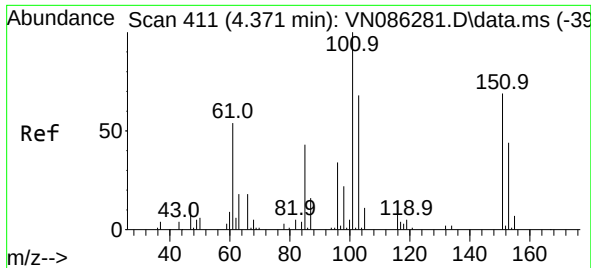


#8
 Diethyl Ether
 Concen: 20.892 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086335.D
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Tgt Ion: 74 Resp: 37370
 Ion Ratio Lower Upper
 74 100
 45 92.0 48.0 144.2





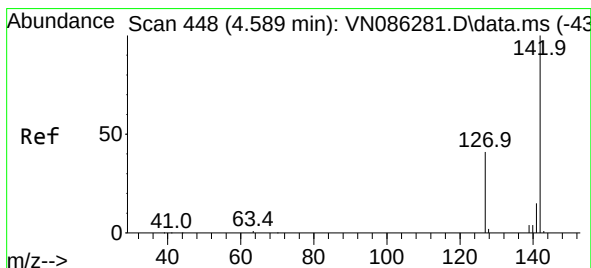
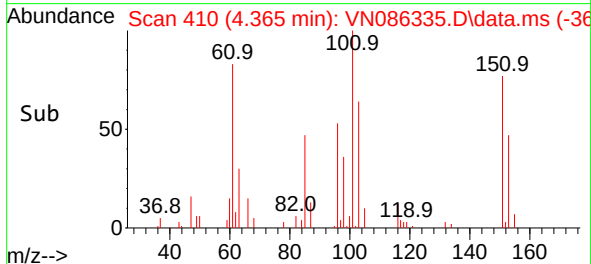
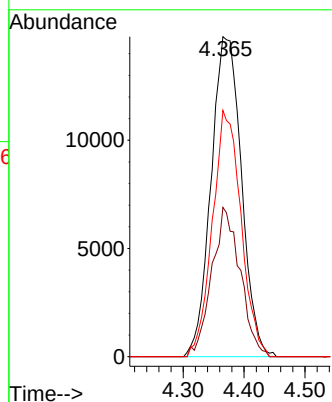
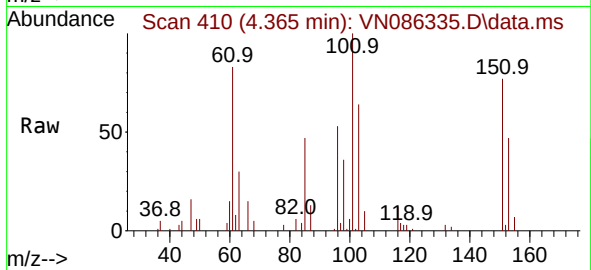
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.656 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01

Tgt Ion:101 Resp: 51199
Ion Ratio Lower Upper
101 100
85 43.7 34.7 52.1
151 72.4 56.1 84.1

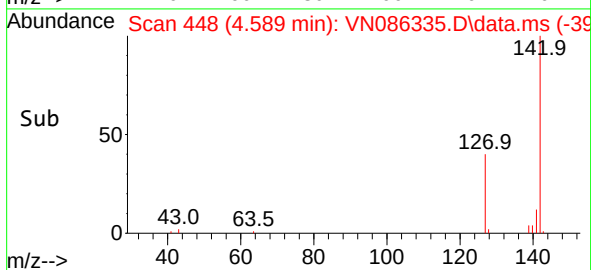
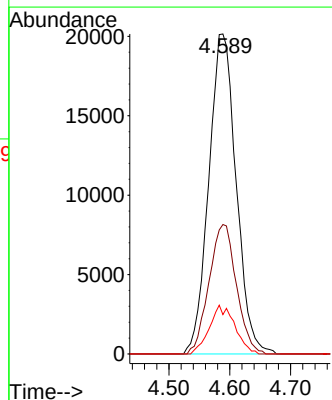
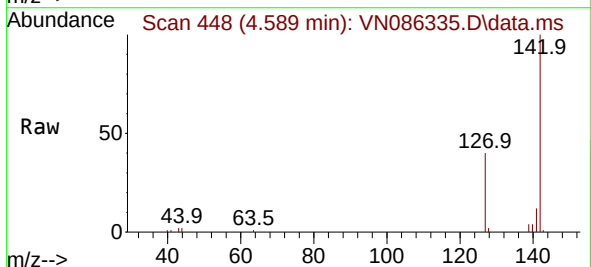
Manual Integrations
APPROVED

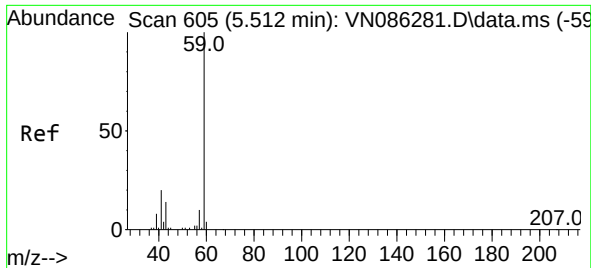
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#10
Methyl Iodide
Concen: 23.109 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

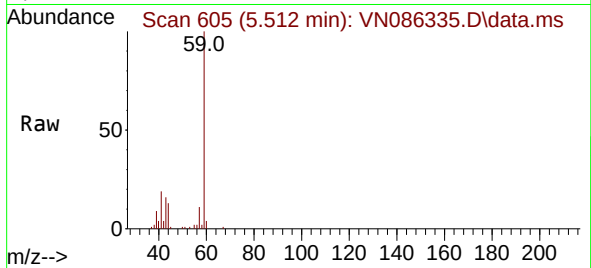
Tgt Ion:142 Resp: 62971
Ion Ratio Lower Upper
142 100
127 40.4 32.7 49.1
141 12.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 103.909 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

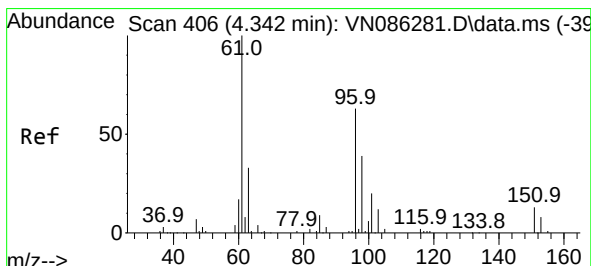
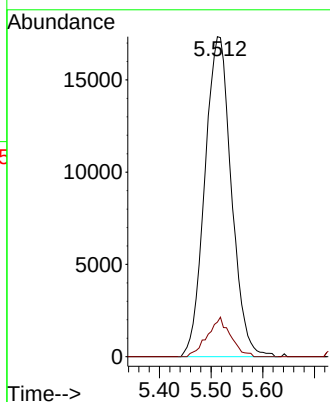
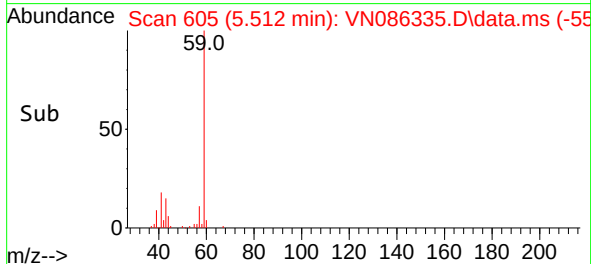
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



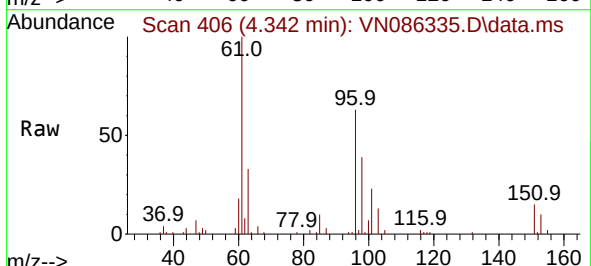
Tgt Ion: 59 Resp: 61854
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

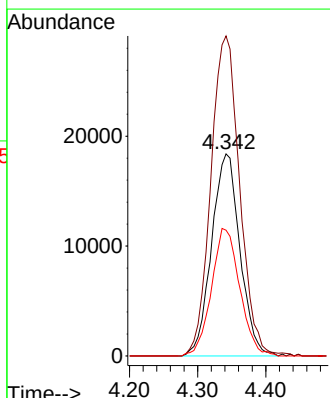
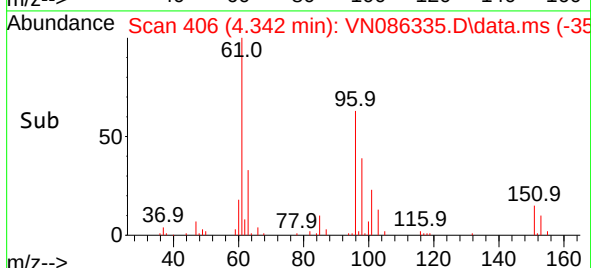
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

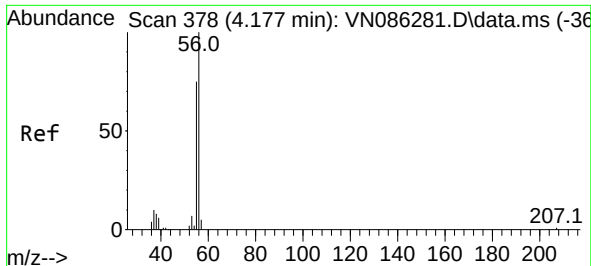


#12
1,1-Dichloroethene
Concen: 20.081 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43



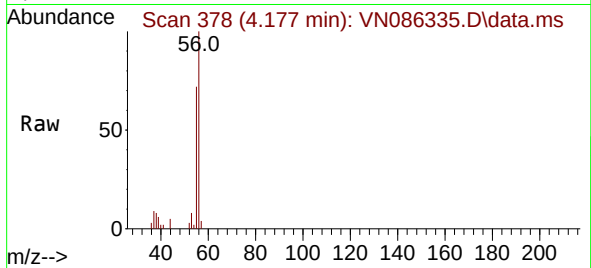
Tgt Ion: 96 Resp: 53177
Ion Ratio Lower Upper
96 100
61 158.4 126.6 189.8
98 62.2 49.6 74.4





#13
Acrolein
Concen: 143.242 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

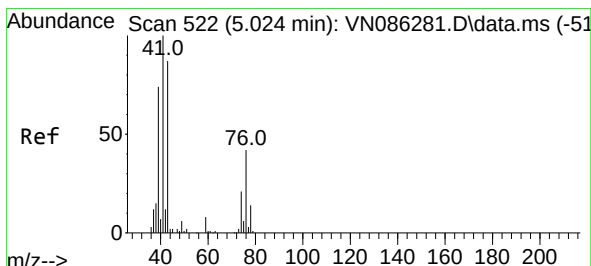
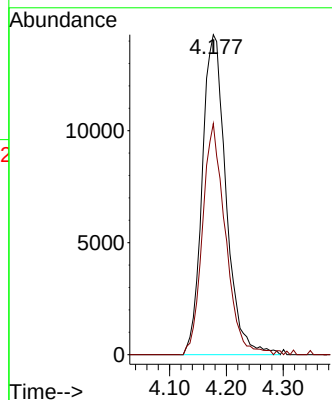
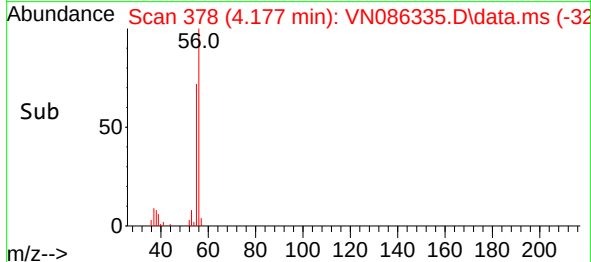
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 56 Resp: 41549
Ion Ratio Lower Upper
56 100
55 69.6 58.5 87.7

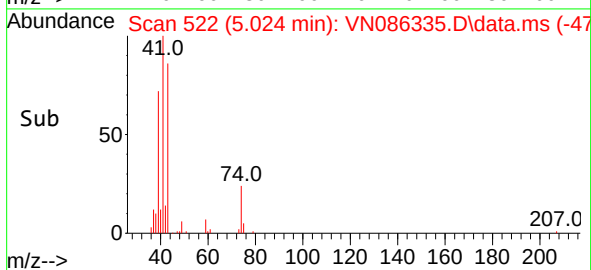
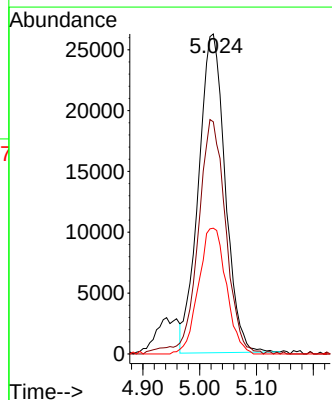
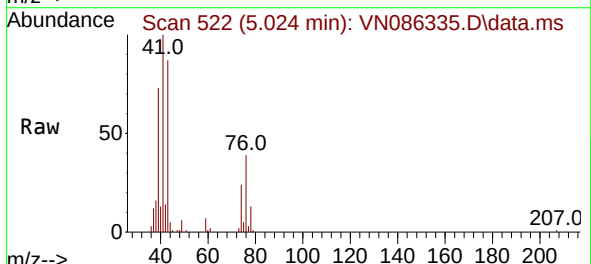
Manual Integrations
APPROVED

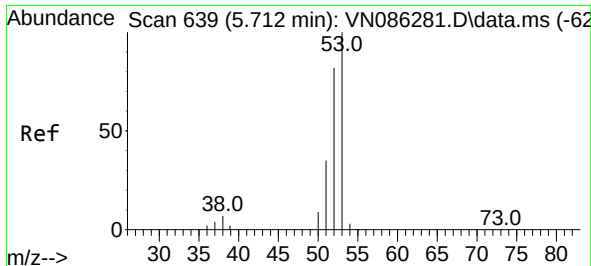
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#14
Allyl chloride
Concen: 18.166 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

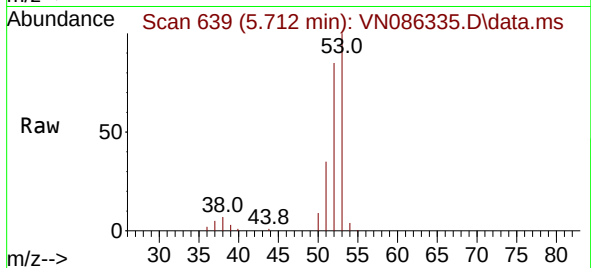
Tgt Ion: 41 Resp: 85515
Ion Ratio Lower Upper
41 100
39 76.0 59.2 88.8
76 40.9 31.2 46.8





#15
Acrylonitrile
Concen: 102.717 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

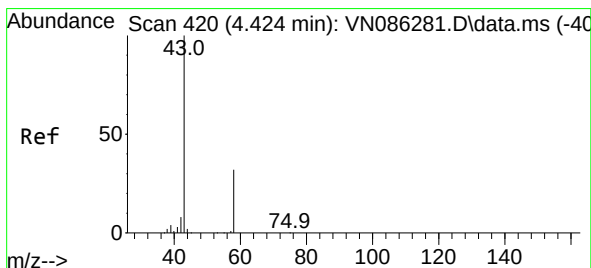
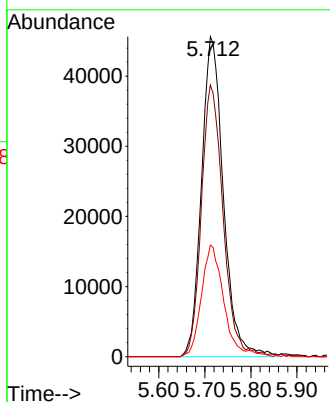
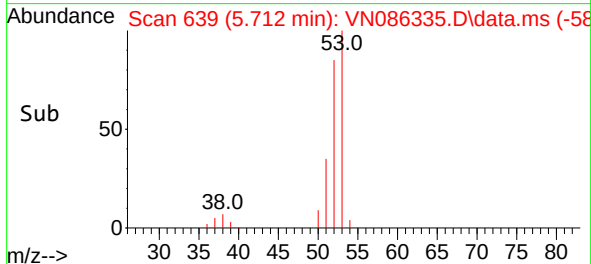
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 53 Resp: 151152
Ion Ratio Lower Upper
53 100
52 84.7 65.5 98.3
51 34.5 28.6 42.8

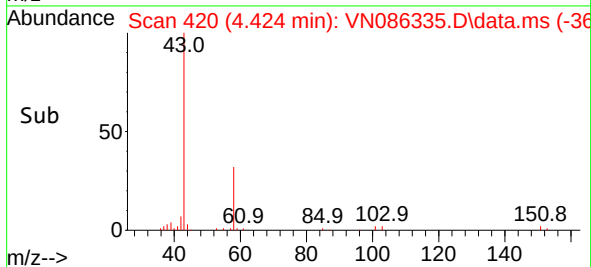
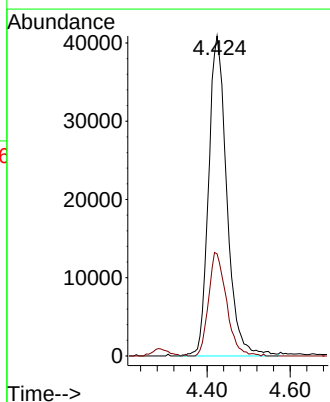
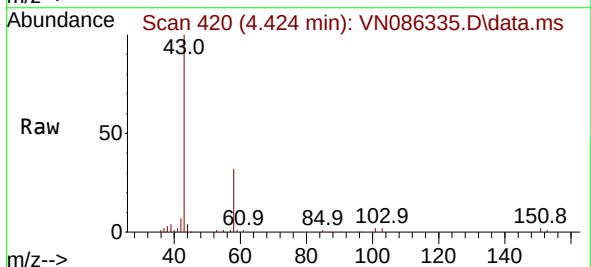
Manual Integrations
APPROVED

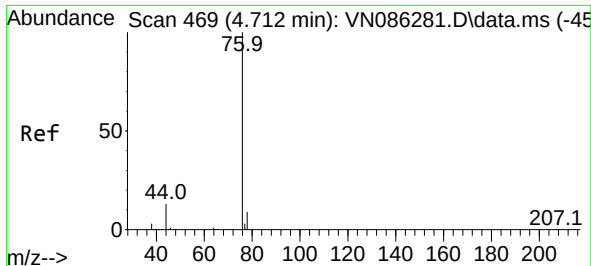
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#16
Acetone
Concen: 107.084 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

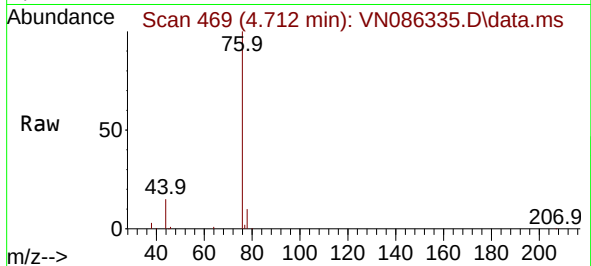
Tgt Ion: 43 Resp: 124470
Ion Ratio Lower Upper
43 100
58 31.9 25.3 37.9





#17
Carbon Disulfide
Concen: 18.063 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

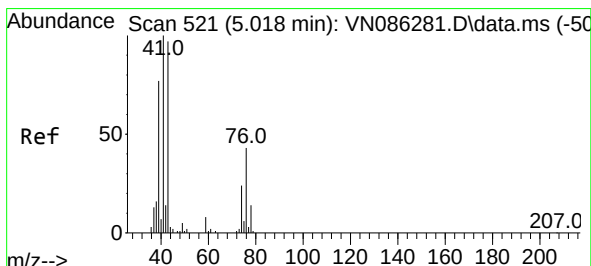
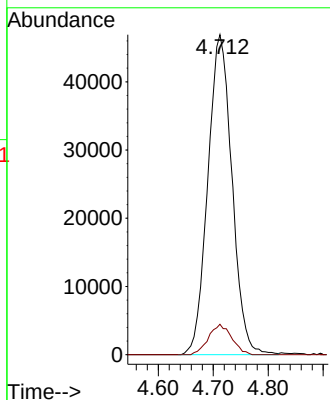
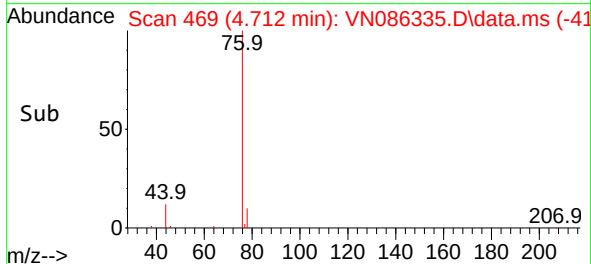
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



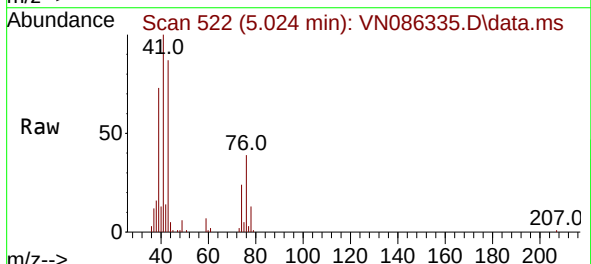
Tgt Ion: 76 Resp: 14322
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

Manual Integrations
APPROVED

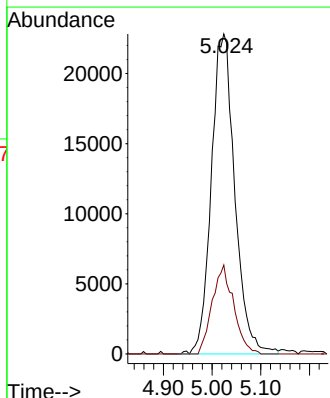
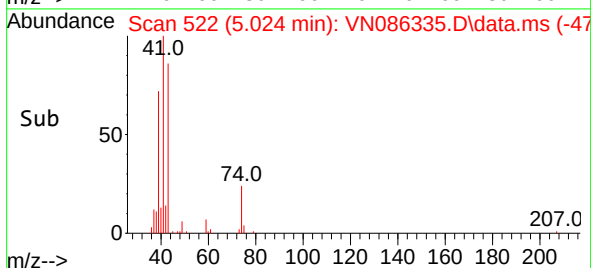
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

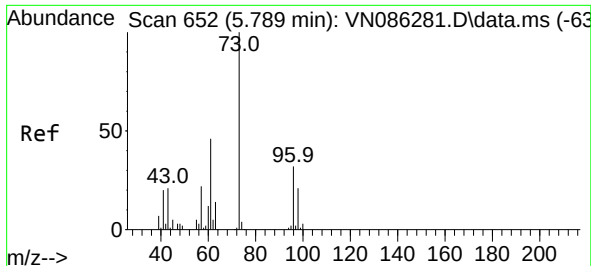


#18
Methyl Acetate
Concen: 19.485 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43



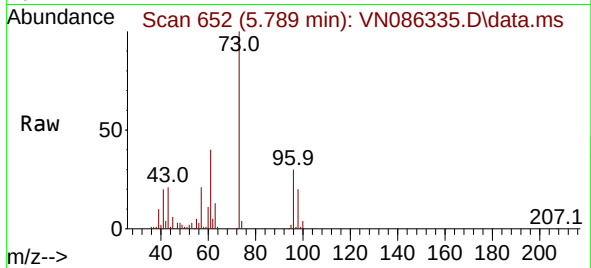
Tgt Ion: 43 Resp: 76309
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 21.319 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

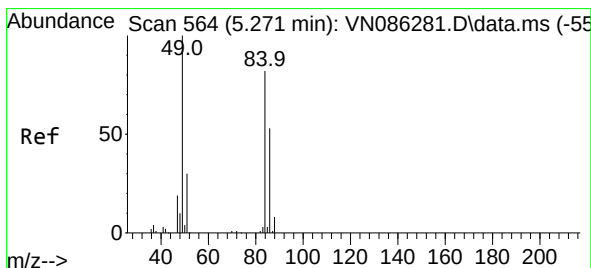
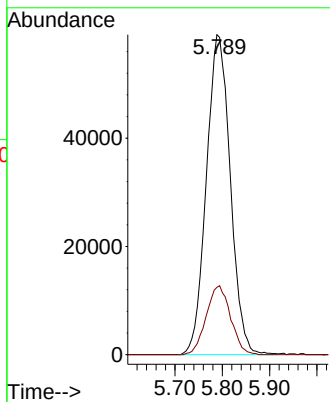
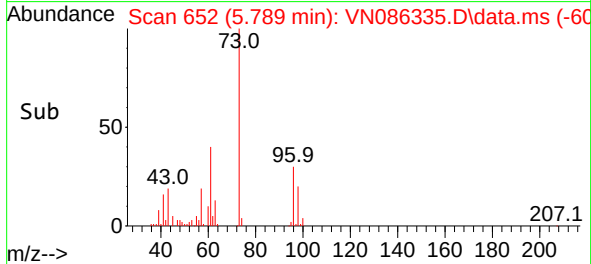
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 73 Resp: 20752
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4

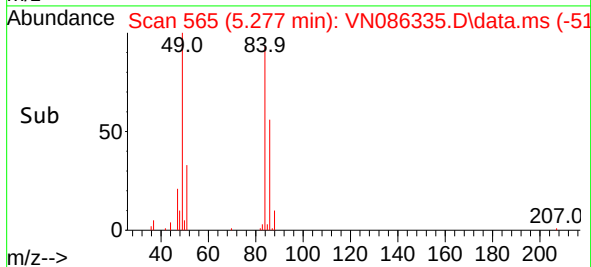
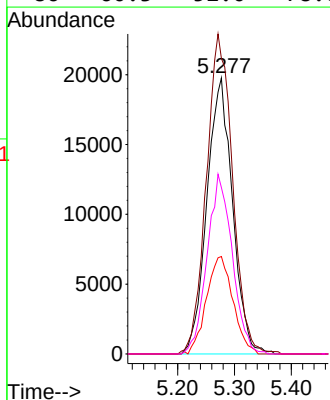
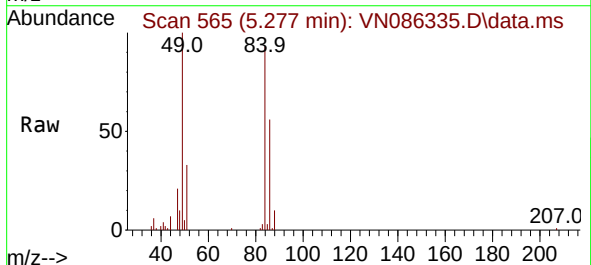
Manual Integrations
APPROVED

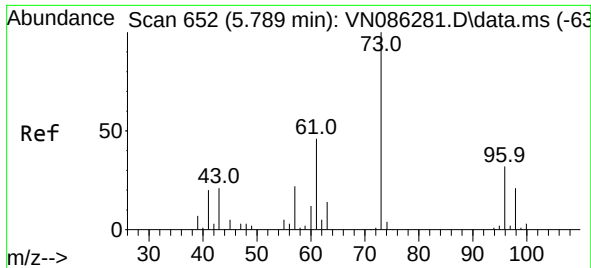
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#20
Methylene Chloride
Concen: 20.546 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

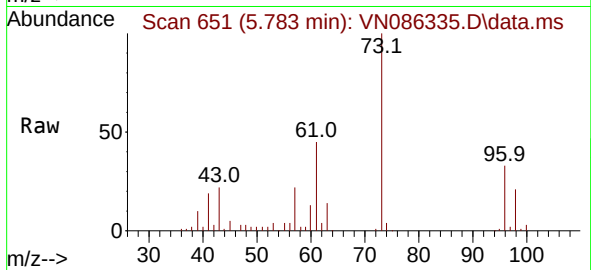
Tgt Ion: 84 Resp: 61969
Ion Ratio Lower Upper
84 100
49 107.1 98.2 147.2
51 35.3 29.8 44.6
86 60.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 20.390 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

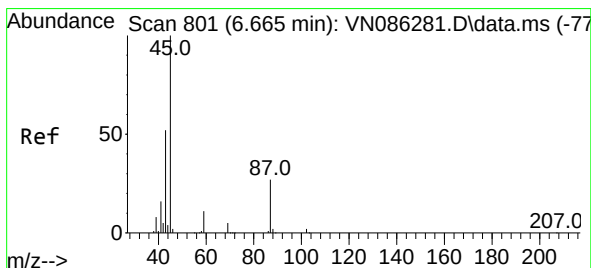
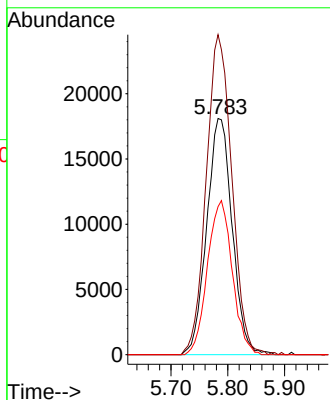
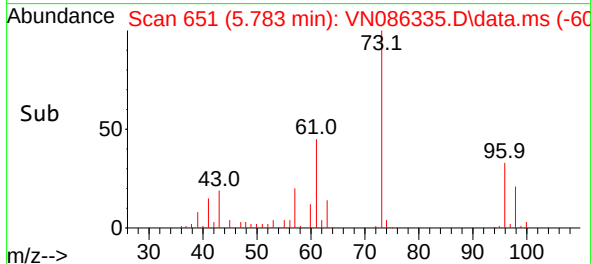
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 96 Resp: 56449
Ion Ratio Lower Upper
96 100
61 135.5 114.6 171.8
98 62.7 51.2 76.8

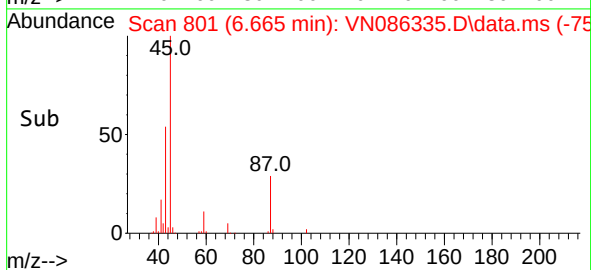
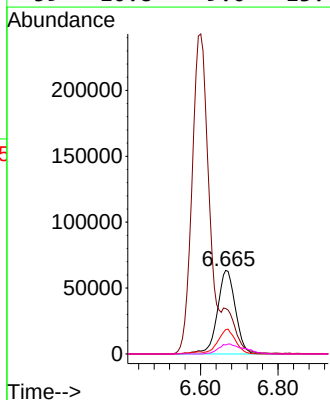
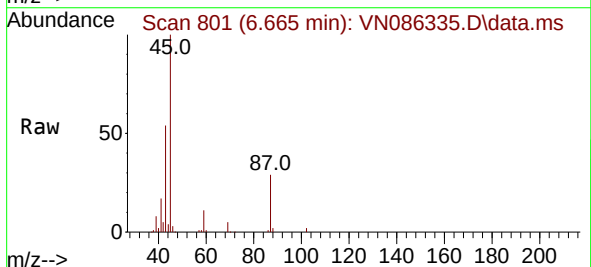
Manual Integrations
APPROVED

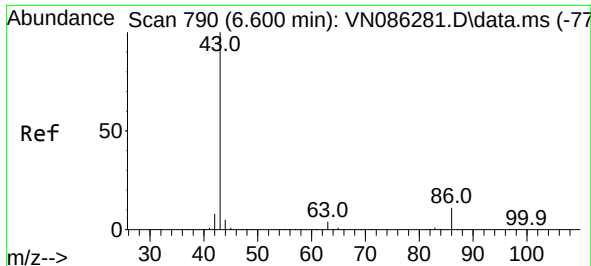
Reviewed By :John Carbone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#22
Diisopropyl ether
Concen: 19.992 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion: 45 Resp: 204729
Ion Ratio Lower Upper
45 100
43 53.5 41.8 62.8
87 29.1 21.6 32.4
59 10.8 9.0 13.4





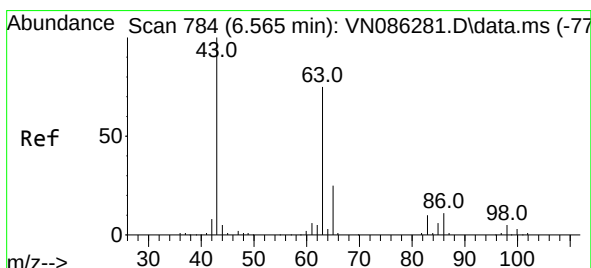
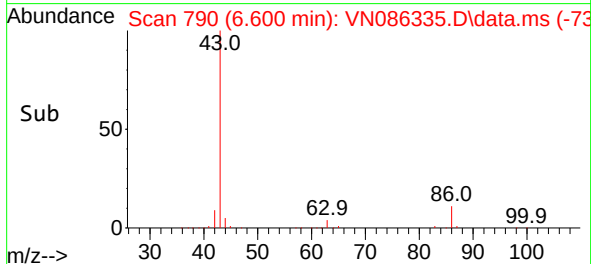
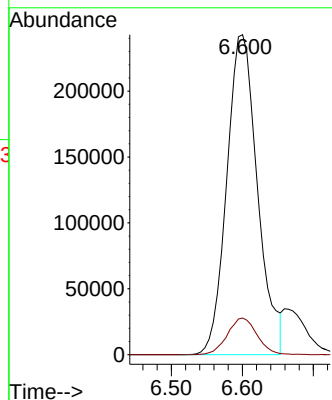
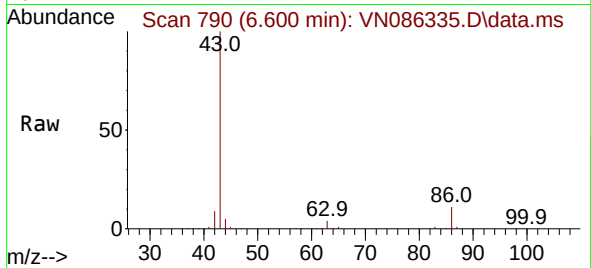
#23
 Vinyl Acetate
 Concen: 102.257 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBSD01

Tgt Ion: 43 Resp: 73201
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0

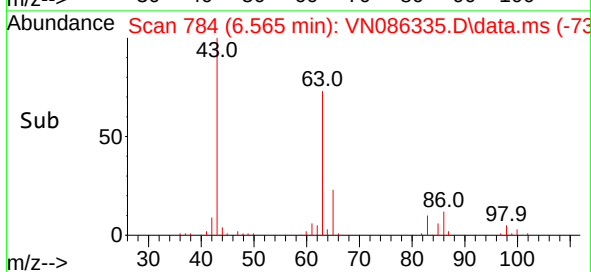
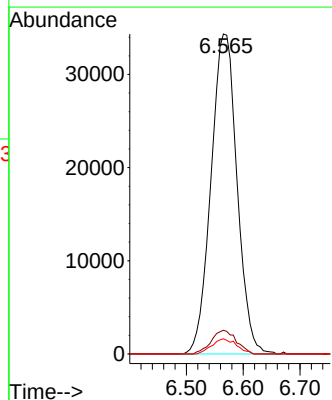
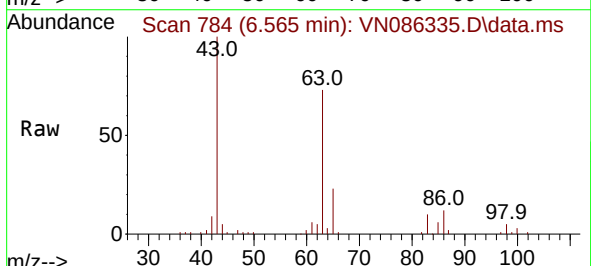
Manual Integrations
 APPROVED

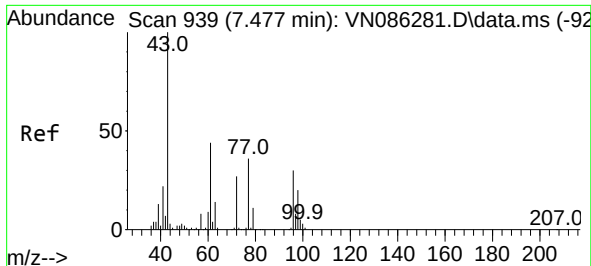
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#24
 1,1-Dichloroethane
 Concen: 20.236 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43

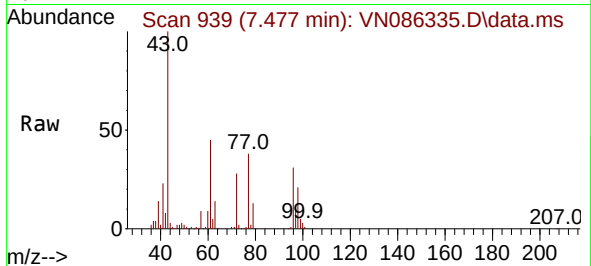
Tgt Ion: 63 Resp: 109336
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 102.818 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

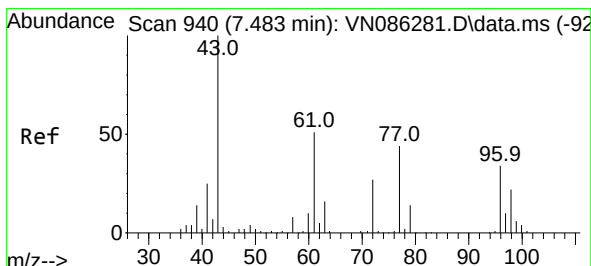
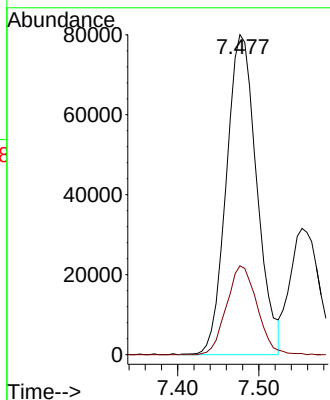
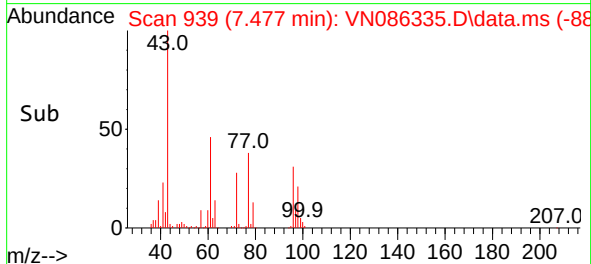
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



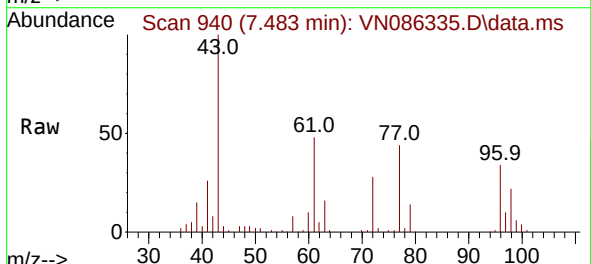
Tgt Ion: 43 Resp: 20879
Ion Ratio Lower Upper
43 100
72 27.8 21.7 32.5

Manual Integrations
APPROVED

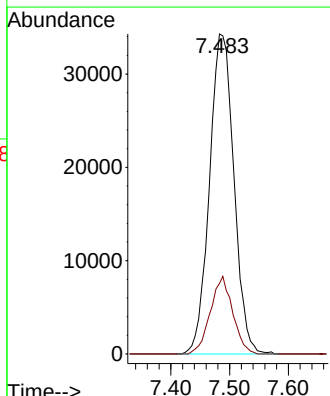
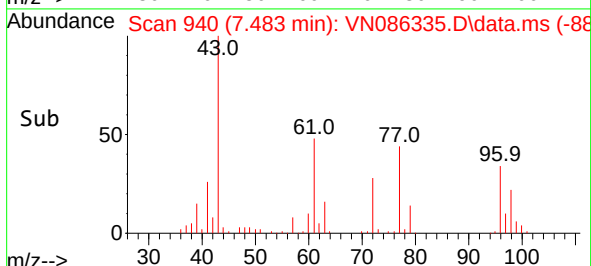
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

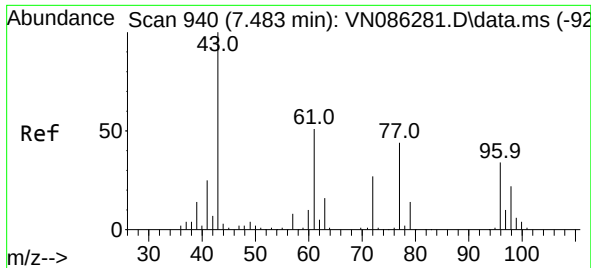


#26
2,2-Dichloropropane
Concen: 20.447 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43



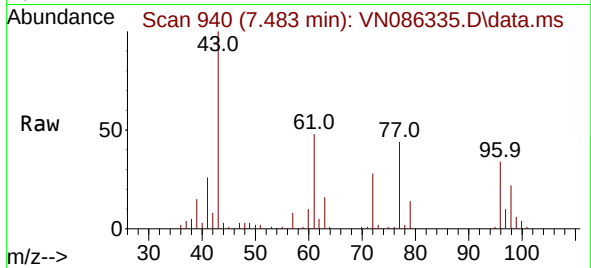
Tgt Ion: 77 Resp: 98917
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.413 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43

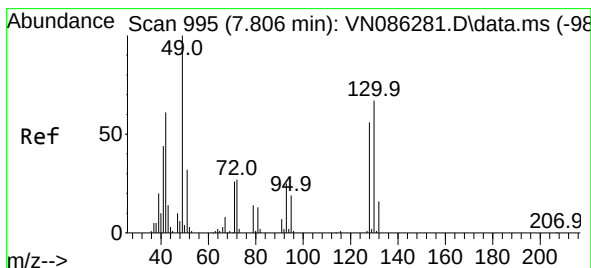
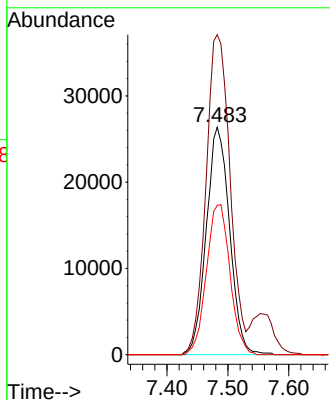
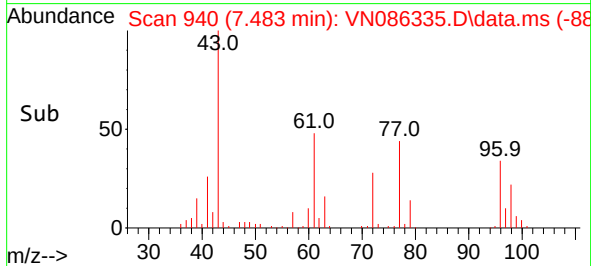
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBSD01



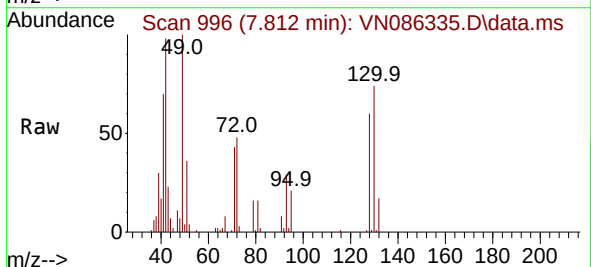
Tgt Ion: 96 Resp: 7014
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 299.0
 98 66.6 0.0 129.6

Manual Integrations
 APPROVED

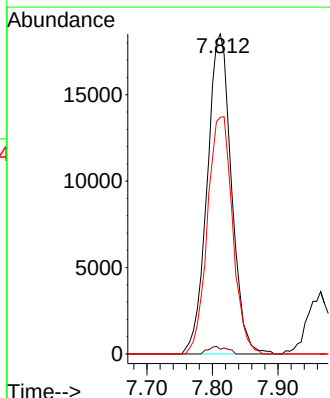
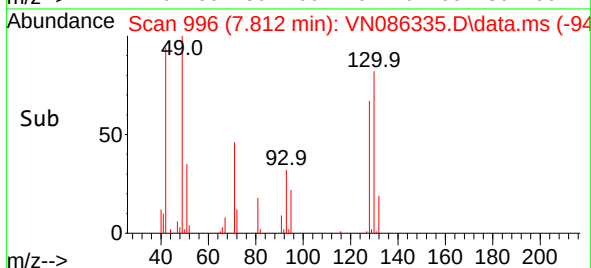
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025

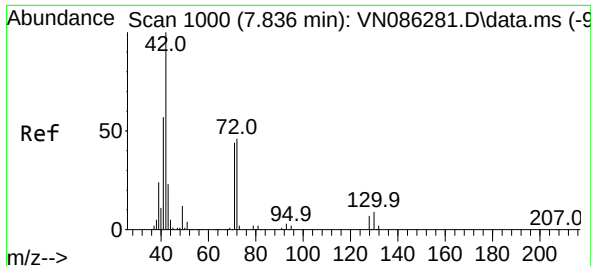


#28
 Bromochloromethane
 Concen: 20.783 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43



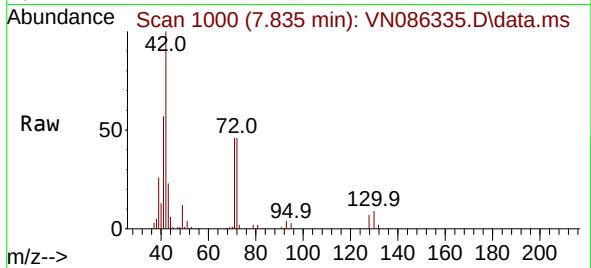
Tgt Ion: 49 Resp: 47614
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 76.6 57.1 85.7





#29
Tetrahydrofuran
Concen: 100.646 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

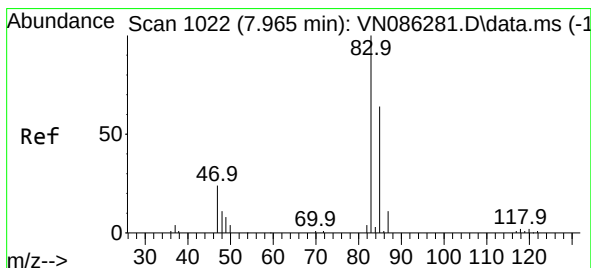
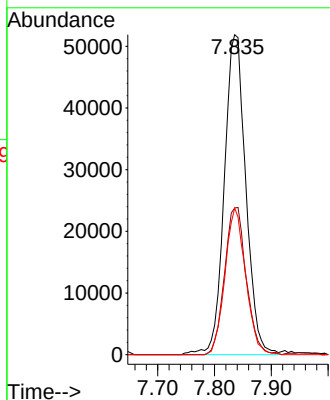
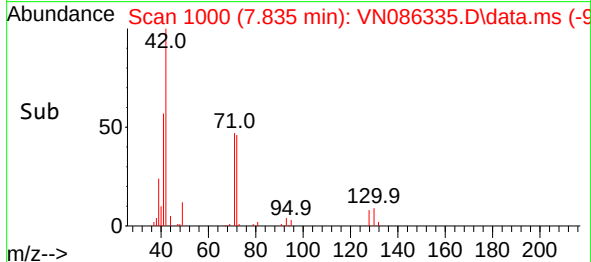
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 42 Resp: 136679
Ion Ratio Lower Upper
42 100
72 46.5 36.2 54.4
71 44.0 34.0 51.0

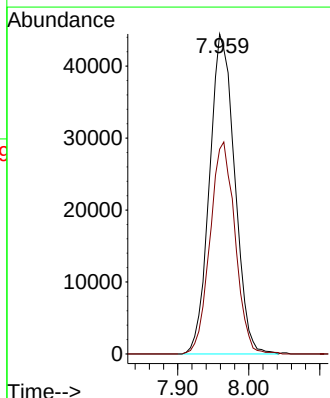
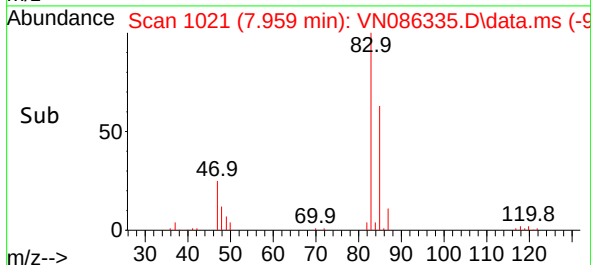
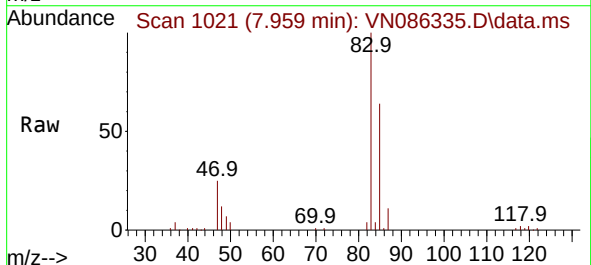
Manual Integrations
APPROVED

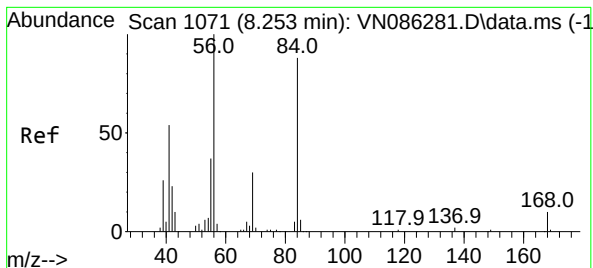
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#30
Chloroform
Concen: 20.618 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion: 83 Resp: 109433
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3





#31

Cyclohexane

Concen: 18.317 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBSD01

Tgt Ion: 56 Resp: 9684

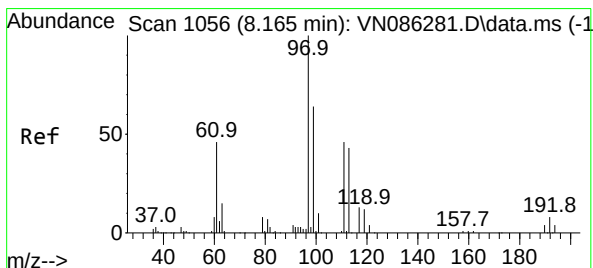
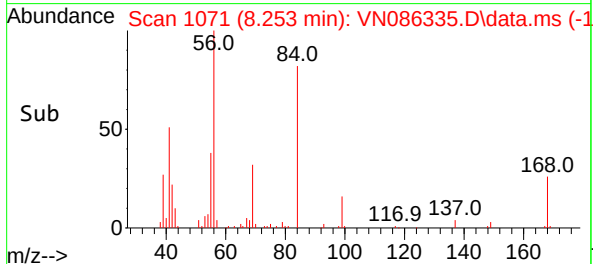
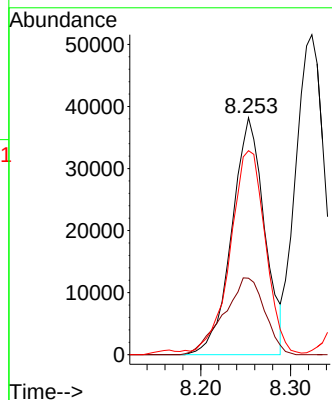
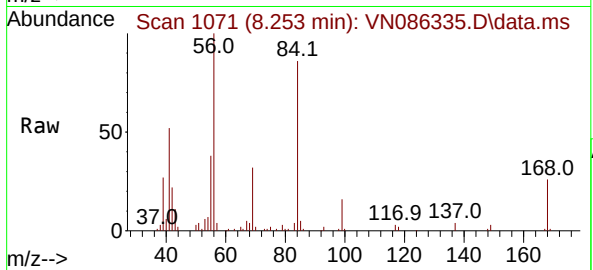
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.2	36.2
84	84.8	70.3	105.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#32

1,1,1-Trichloroethane

Concen: 20.832 ug/l

RT: 8.165 min Scan# 1056

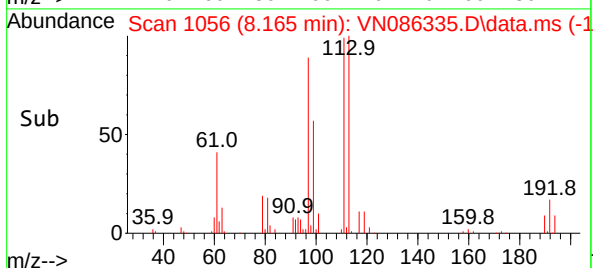
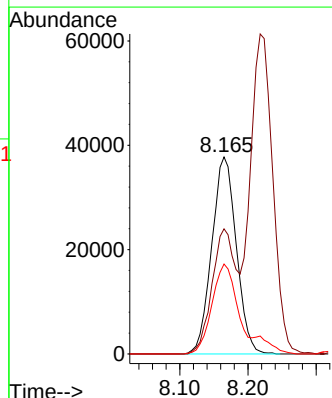
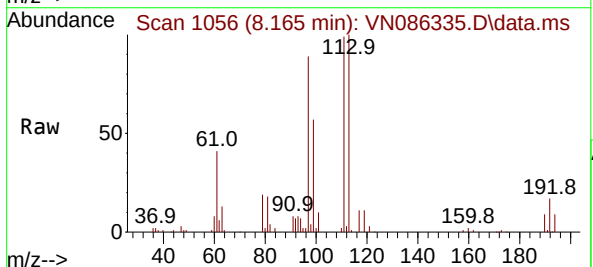
Delta R.T. -0.000 min

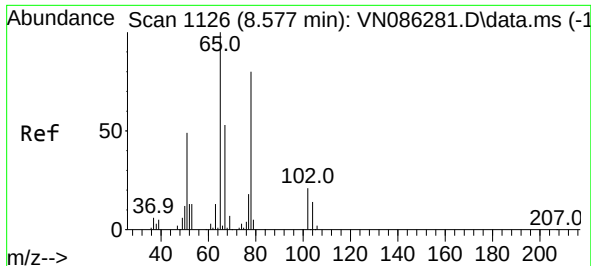
Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

Tgt Ion: 97 Resp: 94588

Ion	Ratio	Lower	Upper
97	100		
99	62.8	52.7	79.1
61	47.1	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 53.451 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBSD01

Tgt Ion: 65 Resp: 17438

Ion Ratio Lower Upper

65 100

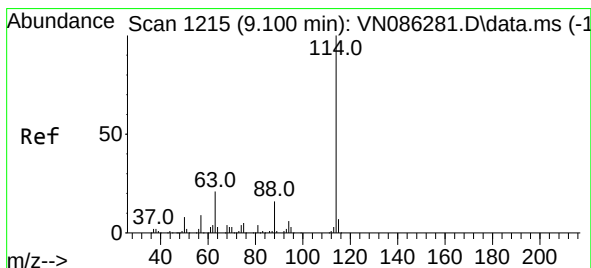
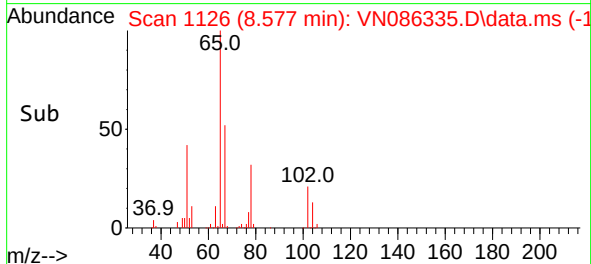
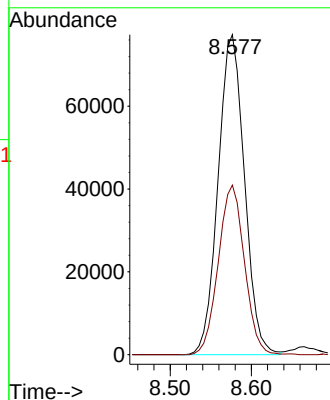
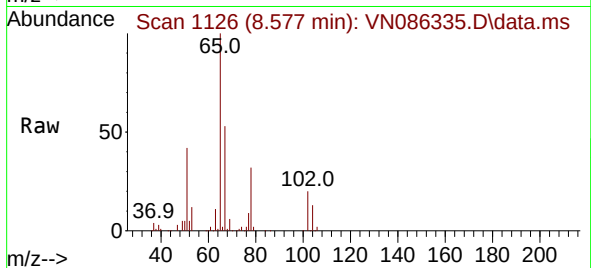
67 52.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

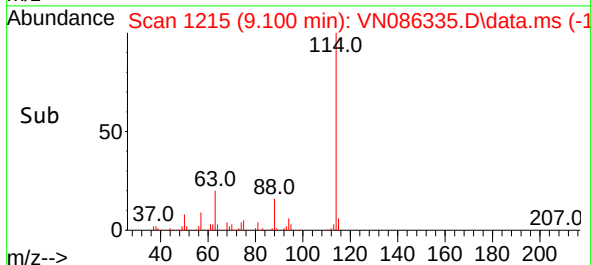
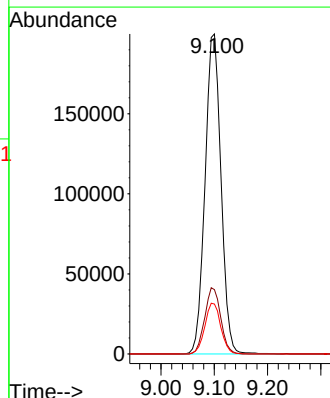
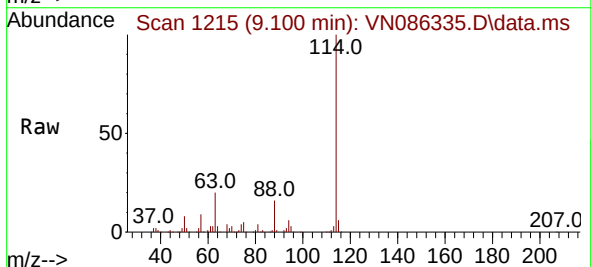
Tgt Ion:114 Resp: 415849

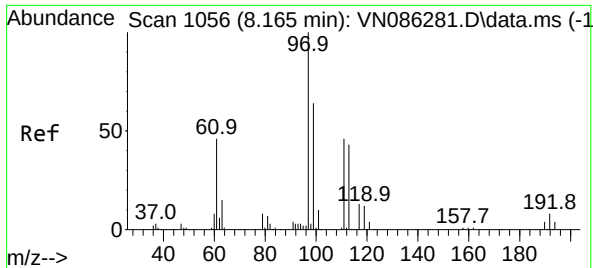
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

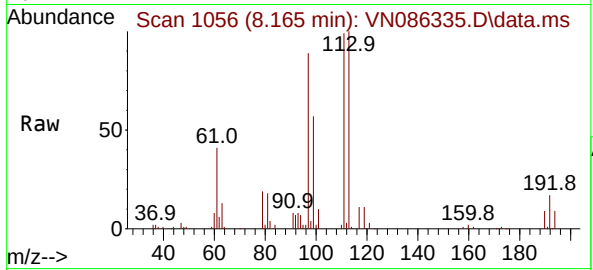
88 15.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.914 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

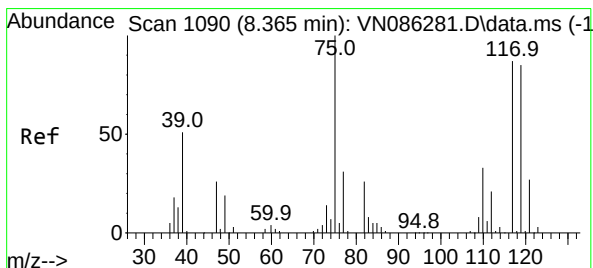
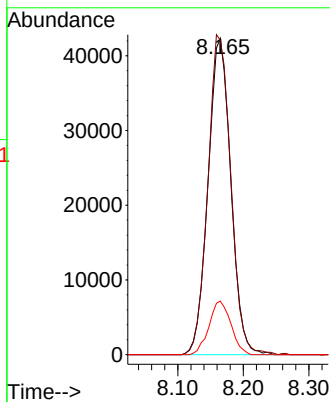
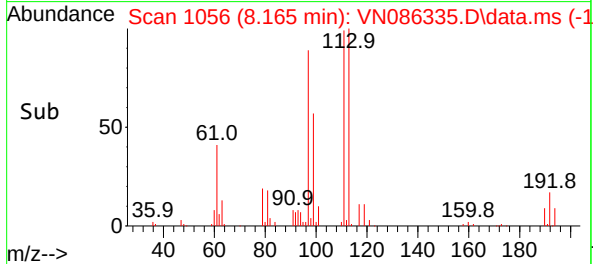
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



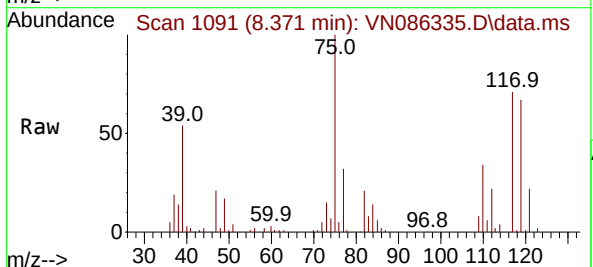
Tgt Ion: 113 Resp: 10212
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.0
192 16.3 13.7 20.5

Manual Integrations
APPROVED

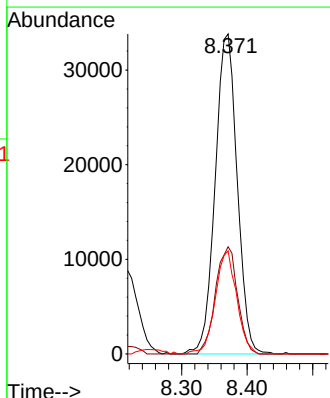
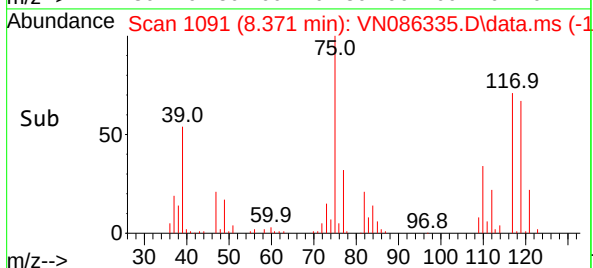
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

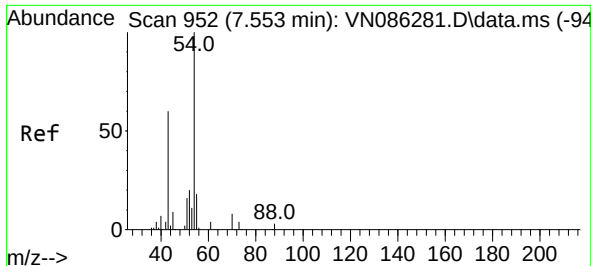


#36
1,1-Dichloropropene
Concen: 20.411 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43



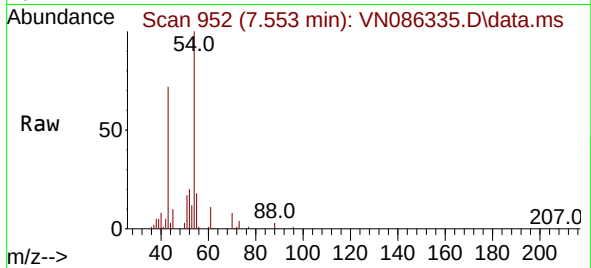
Tgt Ion: 75 Resp: 78683
Ion Ratio Lower Upper
75 100
110 33.5 16.8 50.4
77 31.2 24.9 37.3





#37
Ethyl Acetate
Concen: 20.433 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

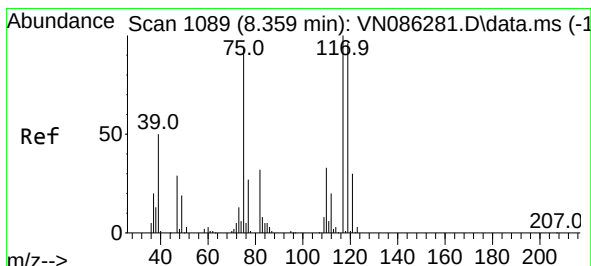
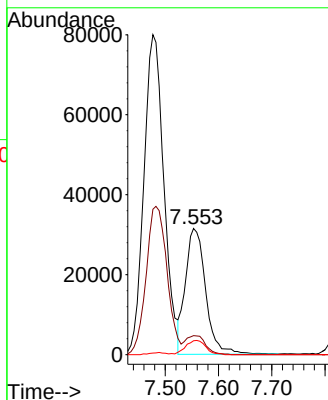
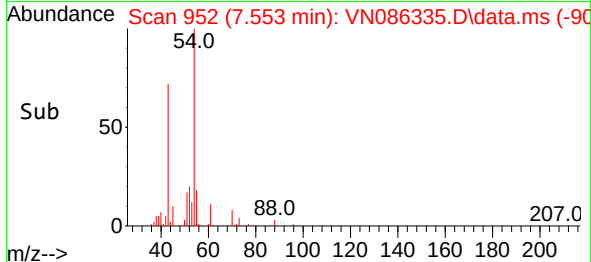
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 43 Resp: 82925
Ion Ratio Lower Upper
43 100
61 15.1 11.1 16.7
70 11.4 9.2 13.8

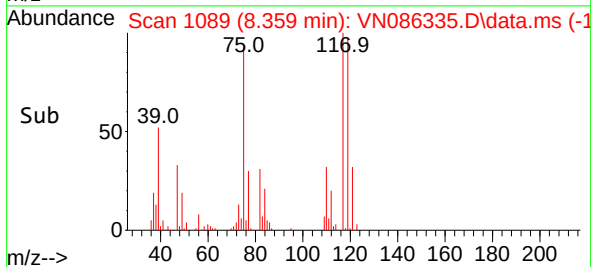
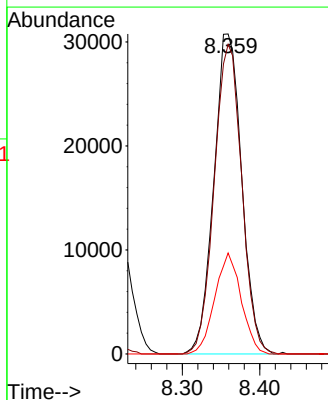
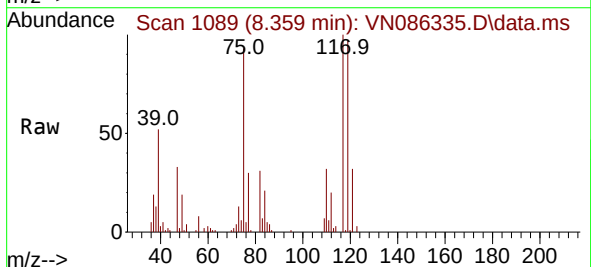
Manual Integrations
APPROVED

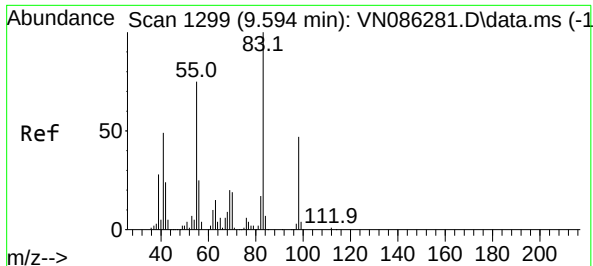
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#38
Carbon Tetrachloride
Concen: 20.925 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion:117 Resp: 76817
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2
121 31.5 23.8 35.8





#39

Methylcyclohexane

Concen: 19.767 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBSD01

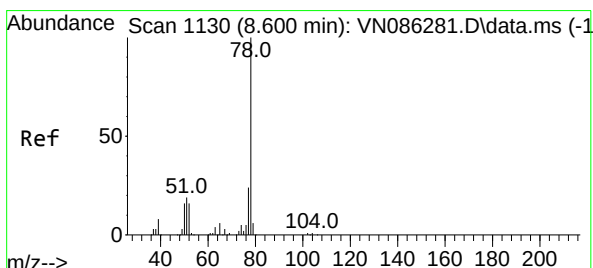
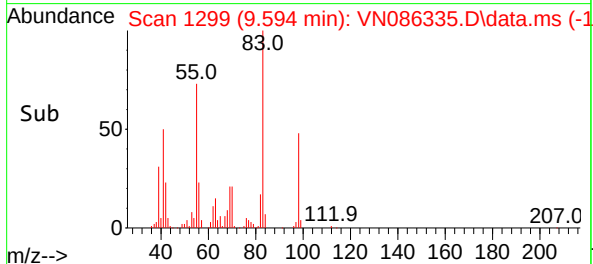
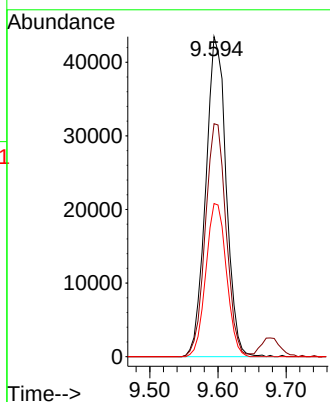
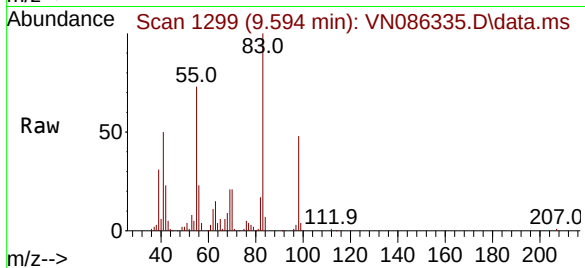
Tgt Ion:	83	Resp:	90572
Ion Ratio	Lower	Upper	
83	100		
55	72.8	59.8	89.8
98	47.8	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#40

Benzene

Concen: 20.566 ug/l

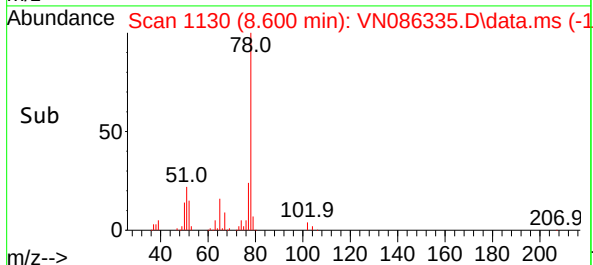
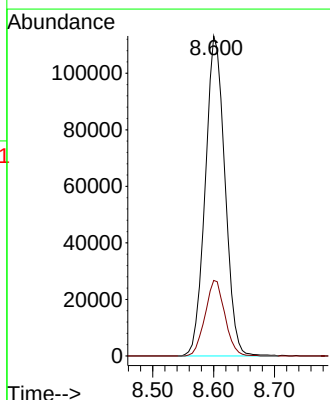
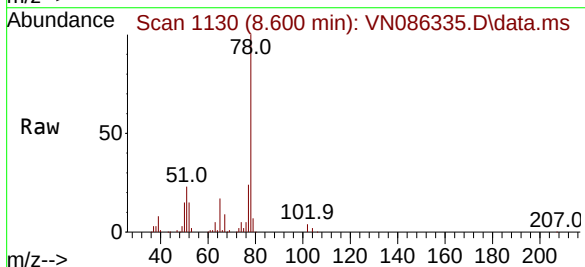
RT: 8.600 min Scan# 1130

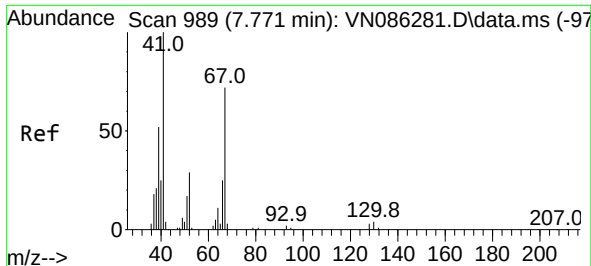
Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

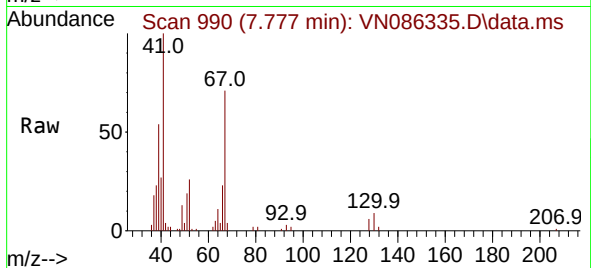
Tgt Ion:	78	Resp:	254004
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.4	29.2





#41
Methacrylonitrile
Concen: 19.621 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

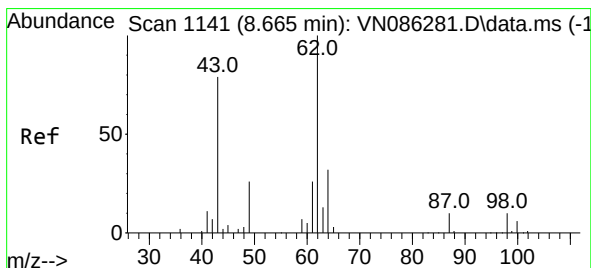
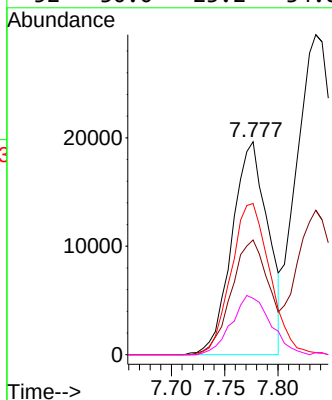
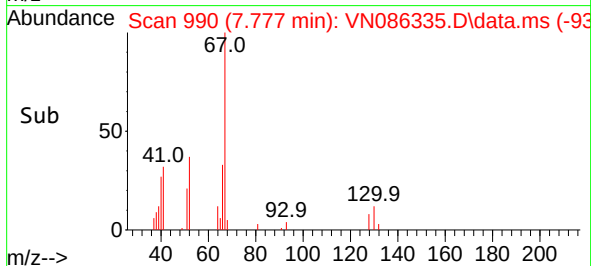
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 41 Resp: 46152
Ion Ratio Lower Upper
41 100
39 55.9 43.0 64.4
67 76.6 58.8 88.2
52 30.0 23.2 34.8

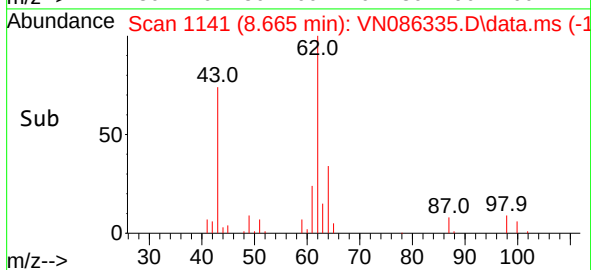
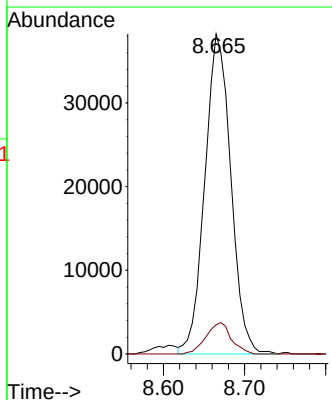
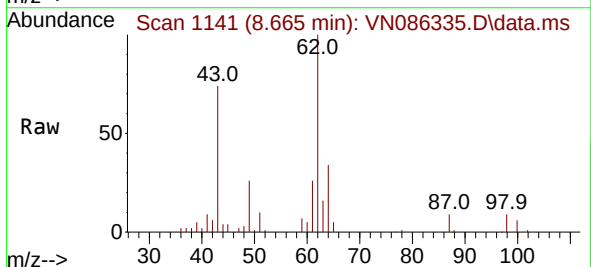
Manual Integrations
APPROVED

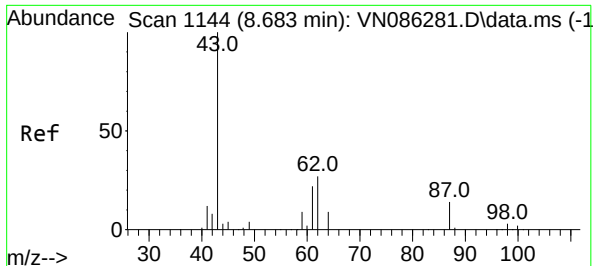
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#42
1,2-Dichloroethane
Concen: 21.638 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion: 62 Resp: 85224
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2





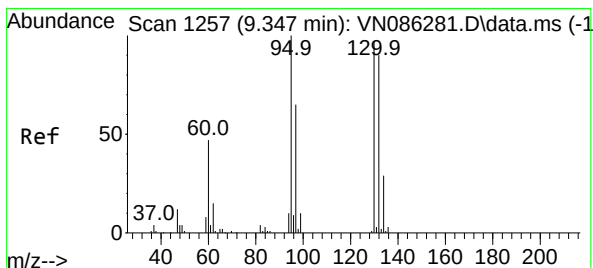
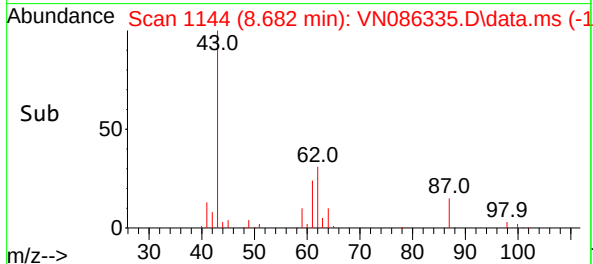
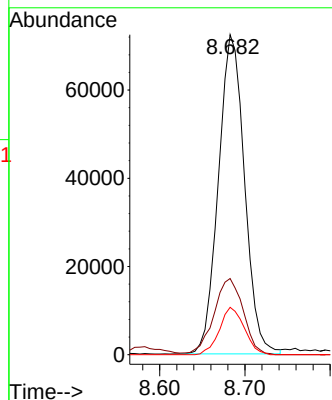
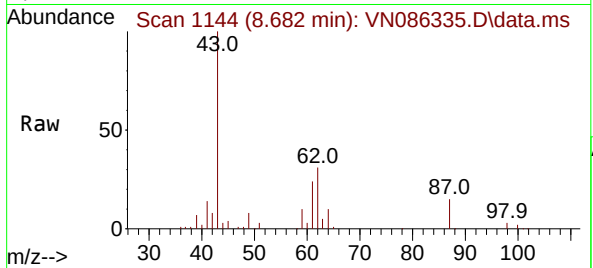
#43
Isopropyl Acetate
Concen: 19.790 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Instrument : MSVOA_N
ClientSampleId : VN0418WBSD01

Tgt Ion: 43 Resp: 15428
Ion Ratio Lower Upper
43 100
61 26.8 20.5 30.7
87 14.1 10.5 15.7

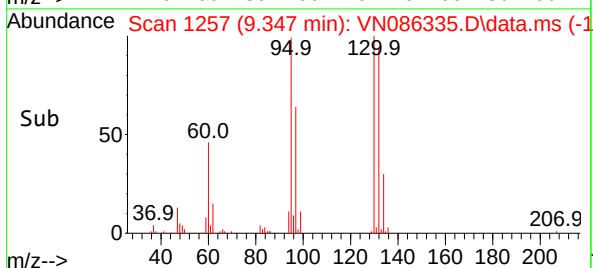
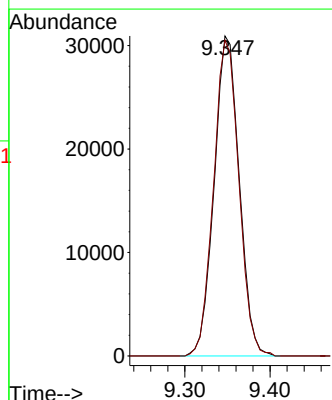
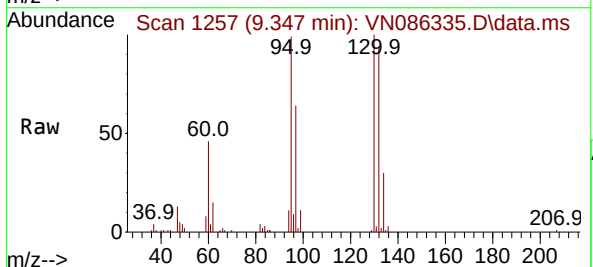
Manual Integrations
APPROVED

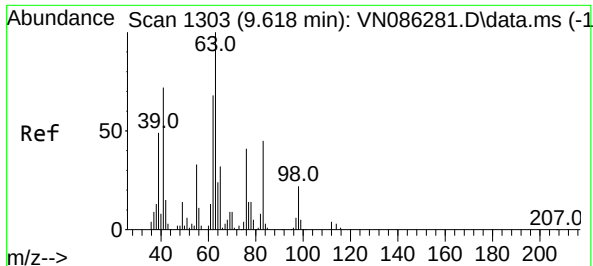
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#44
Trichloroethene
Concen: 21.595 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion:130 Resp: 63217
Ion Ratio Lower Upper
130 100
95 98.7 0.0 207.2





#45

1,2-Dichloropropane

Concen: 20.746 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBSD01

Tgt Ion: 63 Resp: 6272

Ion Ratio Lower Upper

63 100

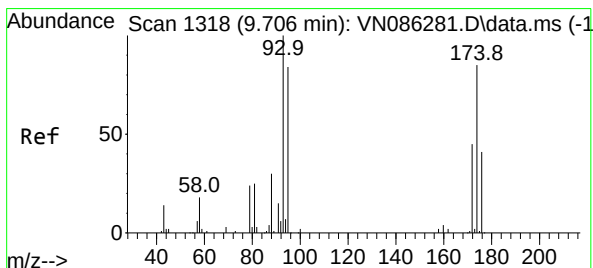
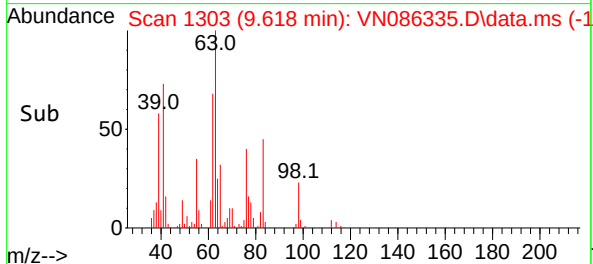
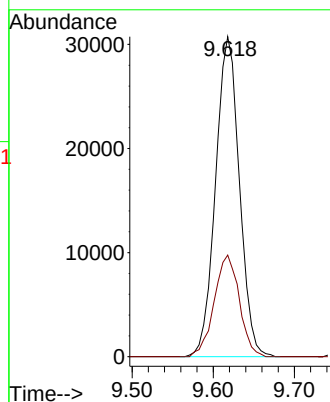
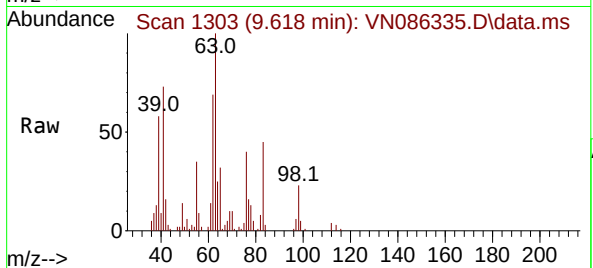
65 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#46

Dibromomethane

Concen: 22.397 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

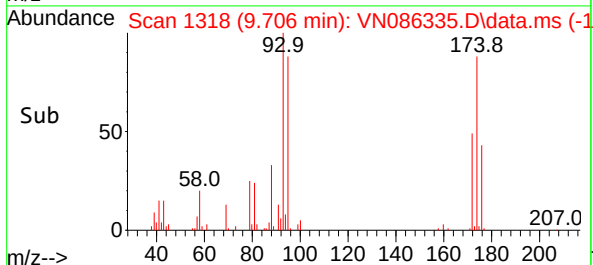
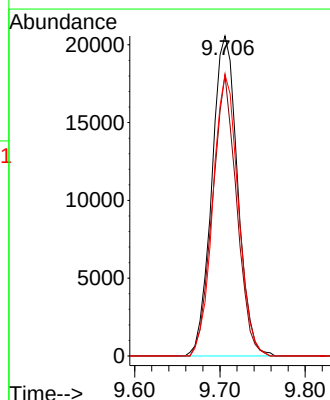
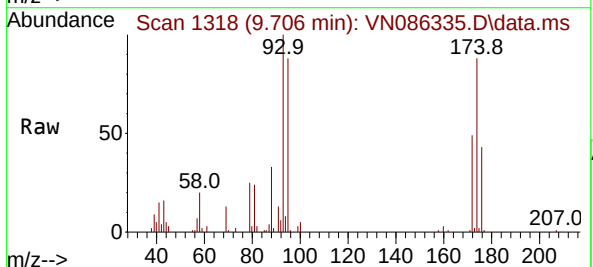
Tgt Ion: 93 Resp: 43143

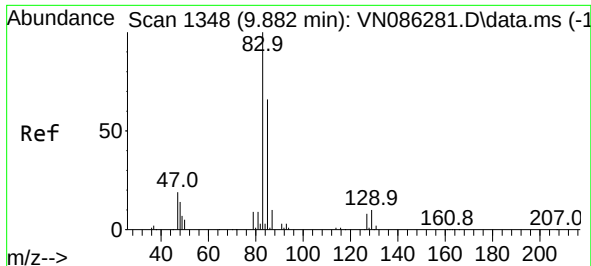
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

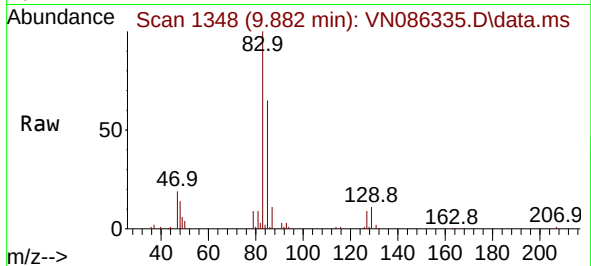
174 86.3 67.8 101.6





#47
Bromodichloromethane
Concen: 21.661 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

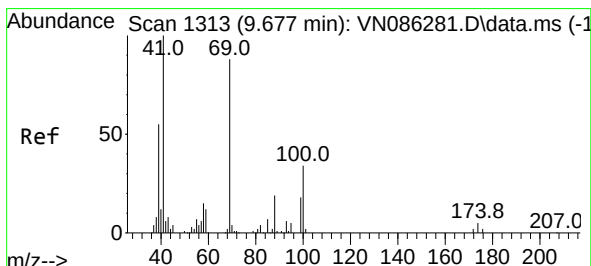
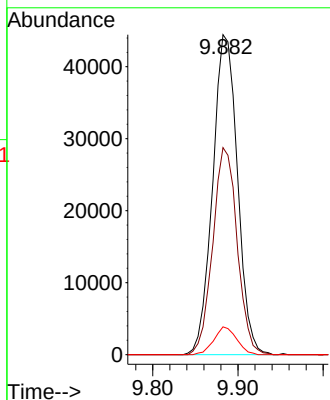
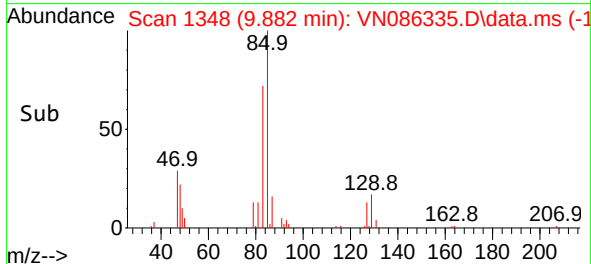
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



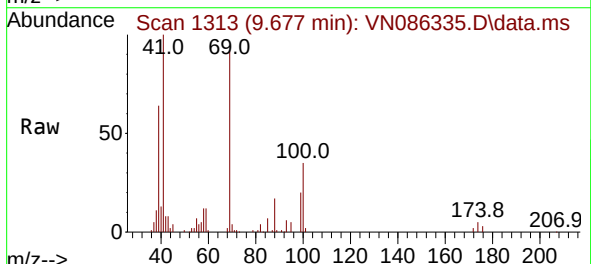
Tgt Ion: 83 Resp: 9011
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8
127 8.7 6.1 9.1

Manual Integrations
APPROVED

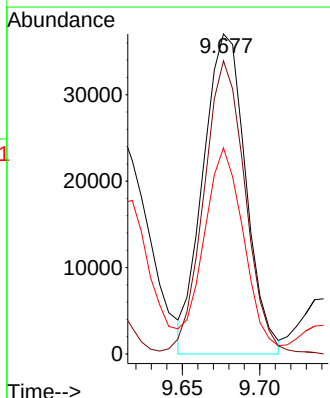
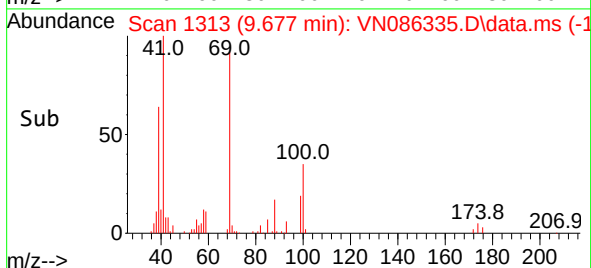
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

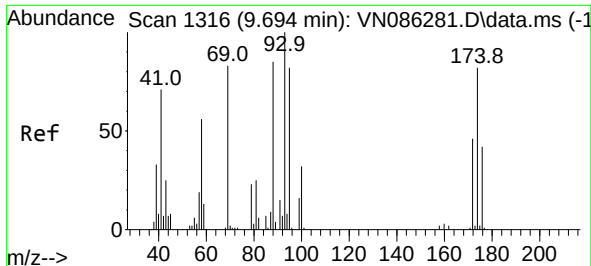


#48
Methyl methacrylate
Concen: 19.869 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43



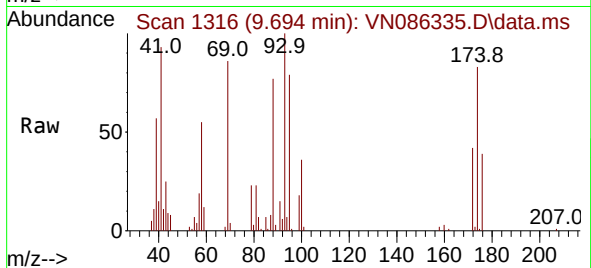
Tgt Ion: 41 Resp: 70811
Ion Ratio Lower Upper
41 100
69 89.3 68.2 102.2
39 60.6 45.2 67.8





#49
1,4-Dioxane
Concen: 396.735 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

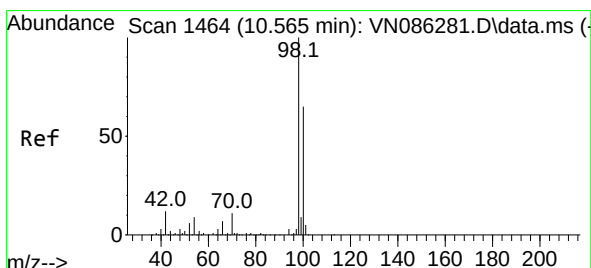
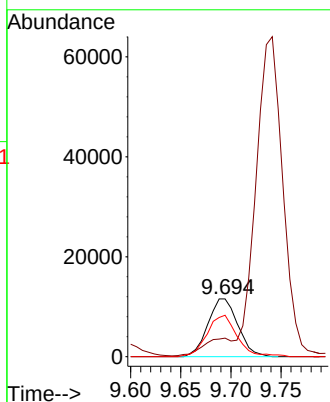
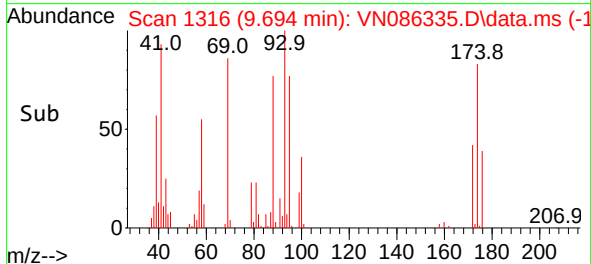
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 88 Resp: 2405
Ion Ratio Lower Upper
88 100
43 28.2 23.8 35.8
58 72.4 57.4 86.2

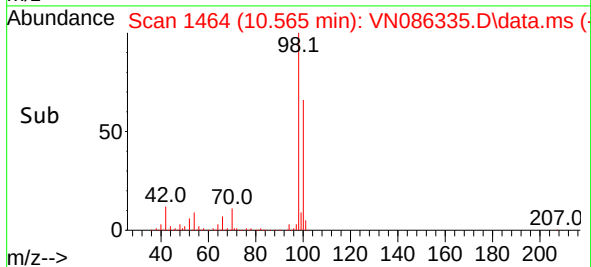
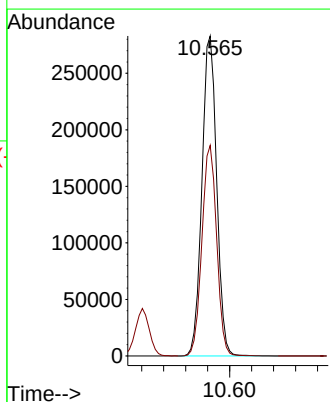
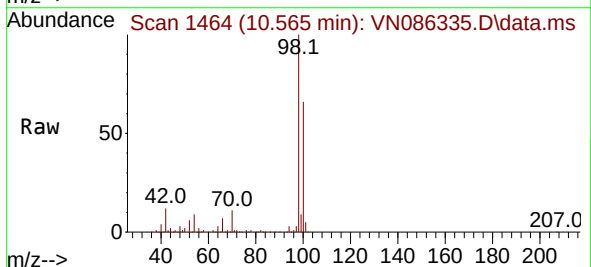
Manual Integrations
APPROVED

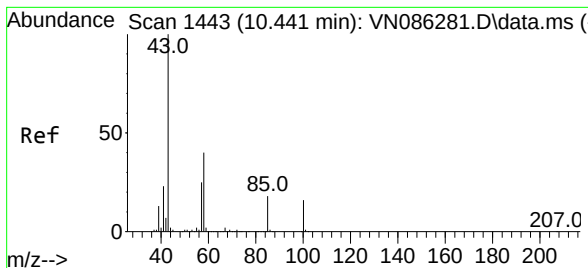
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#50
Toluene-d8
Concen: 51.001 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

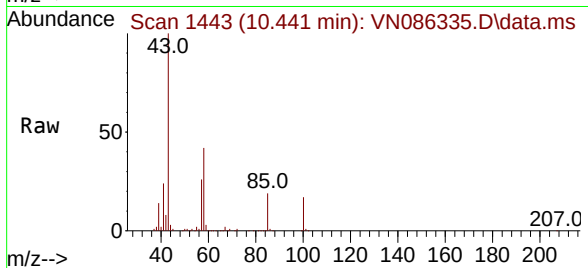
Tgt Ion: 98 Resp: 526069
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 106.324 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

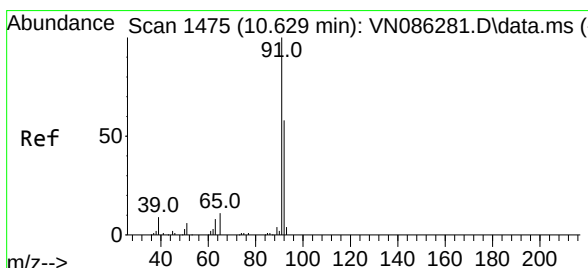
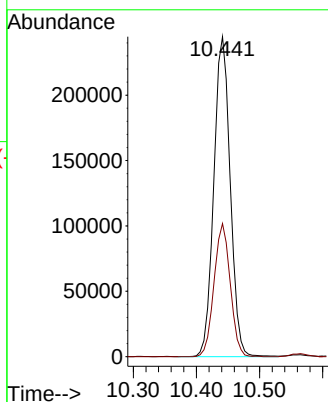
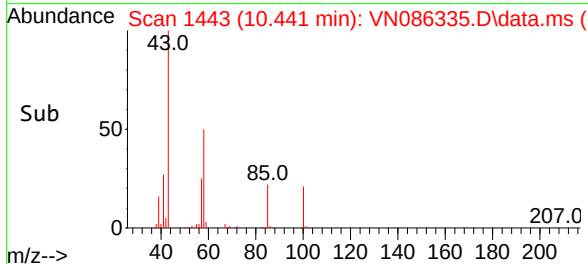
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 43 Resp: 441860
Ion Ratio Lower Upper
43 100
58 41.1 32.2 48.4

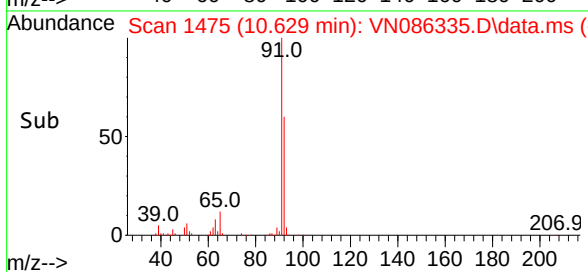
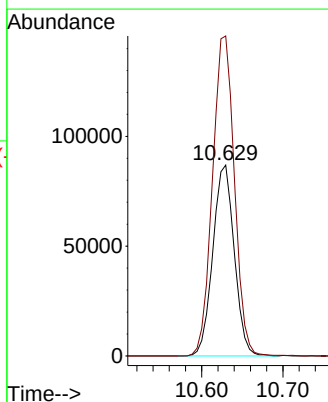
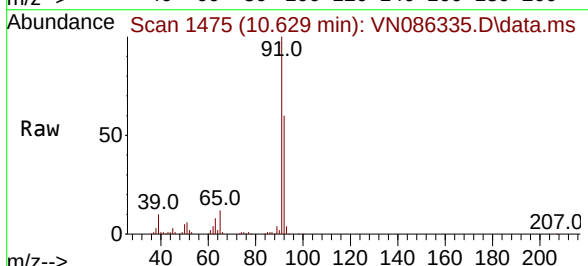
Manual Integrations
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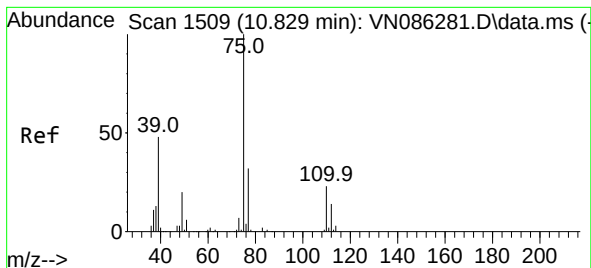
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#52
Toluene
Concen: 20.713 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion: 92 Resp: 159623
Ion Ratio Lower Upper
92 100
91 171.6 137.3 205.9





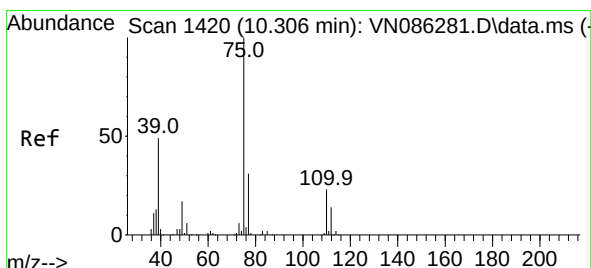
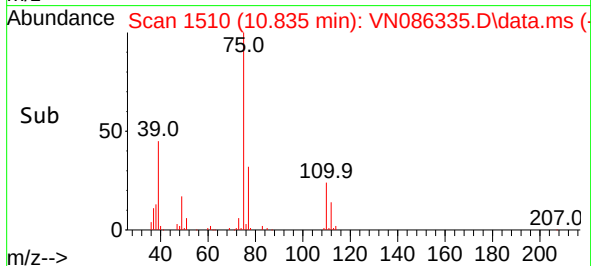
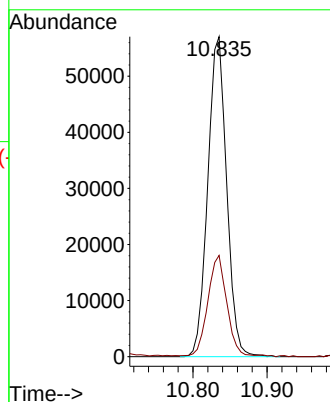
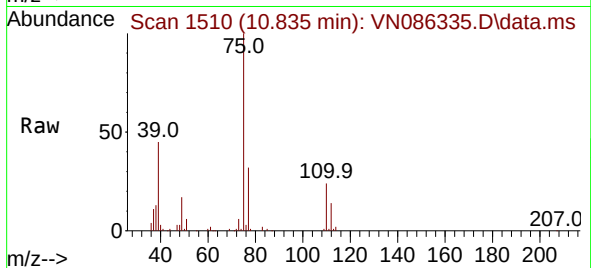
#53
 t-1,3-Dichloropropene
 Concen: 21.768 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBSD01

Tgt Ion: 75 Resp: 101094
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0

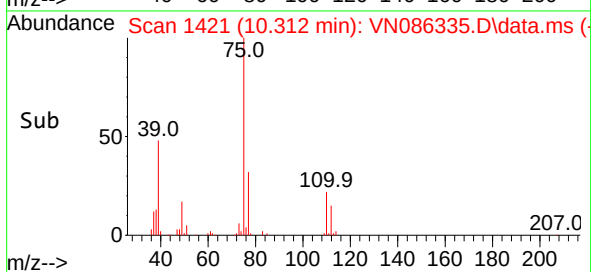
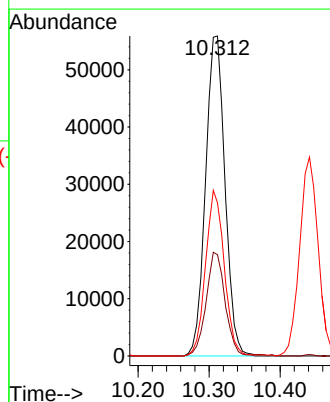
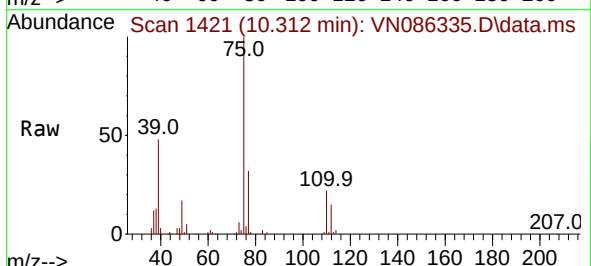
Manual Integrations
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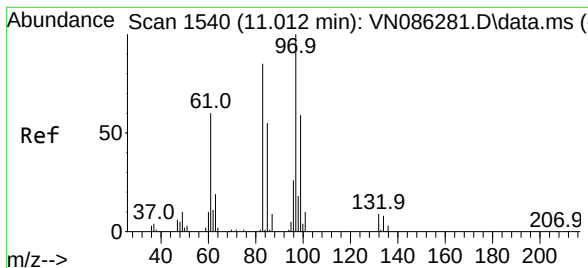
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.882 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43

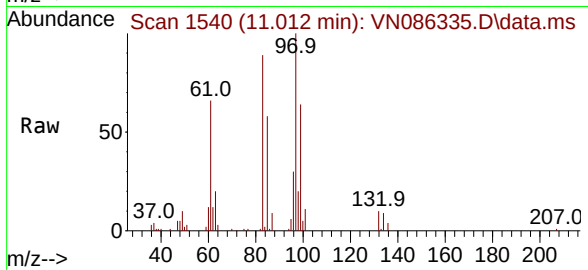
Tgt Ion: 75 Resp: 106519
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8
 39 47.9 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 21.806 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

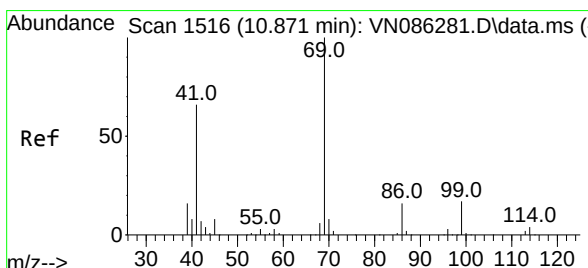
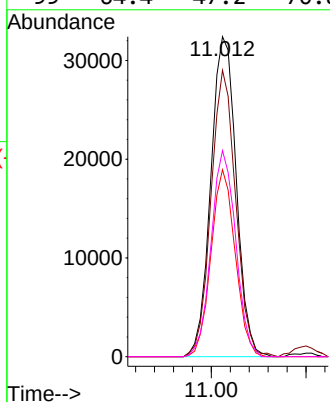
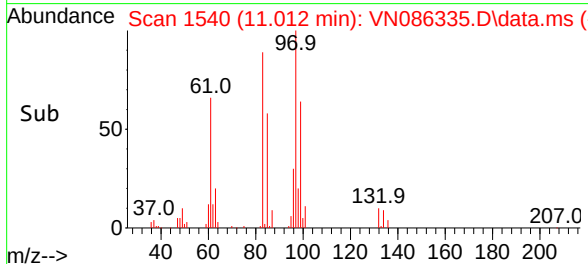
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



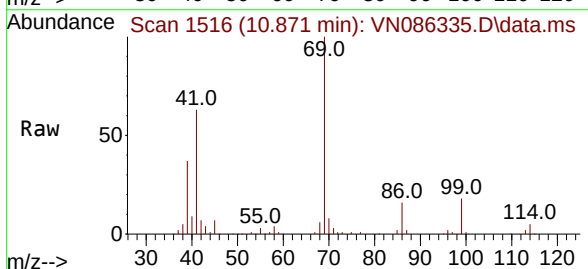
Tgt Ion:	97	Resp:	60462
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.4	102.6
85	58.4	43.9	65.9
99	64.4	47.2	70.8

Manual Integrations
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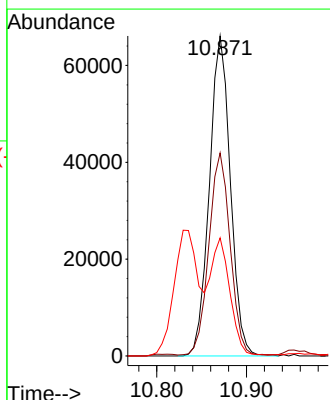
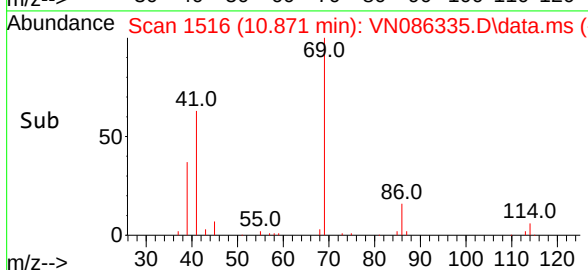
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

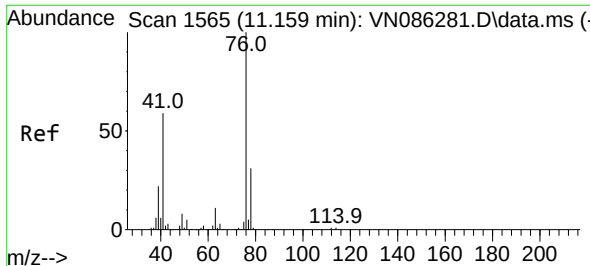


#56
Ethyl methacrylate
Concen: 21.081 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43



Tgt Ion:	69	Resp:	107442
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.7	77.5
39	33.6	26.3	39.5





#57

1,3-Dichloropropane

Concen: 21.666 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBSD01

Tgt Ion: 76 Resp: 10658

Ion Ratio Lower Upper

76 100

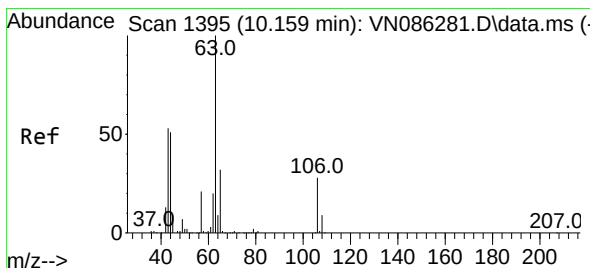
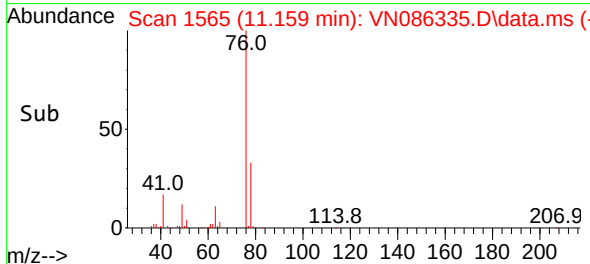
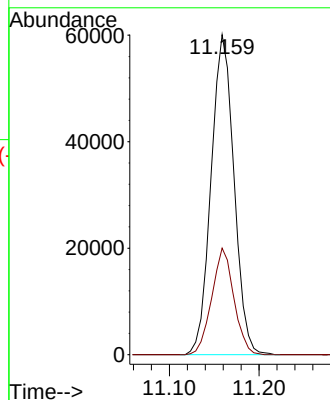
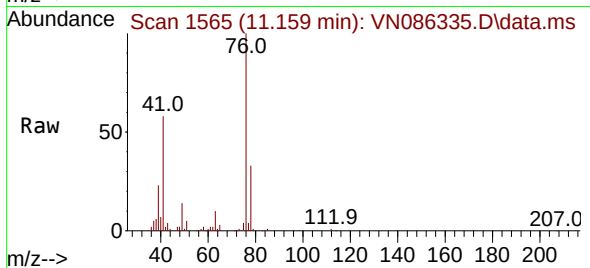
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 106.814 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086335.D

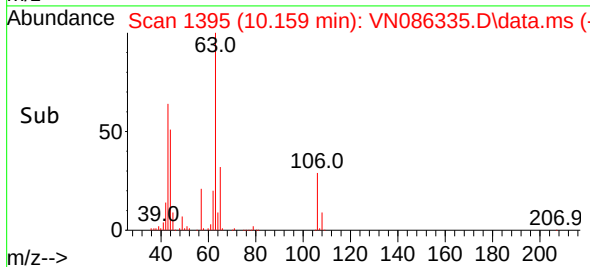
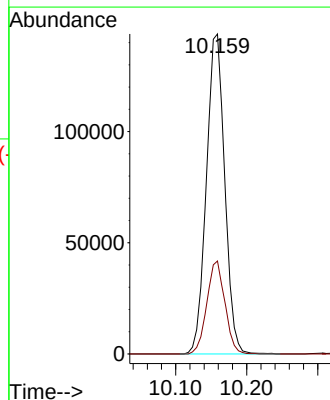
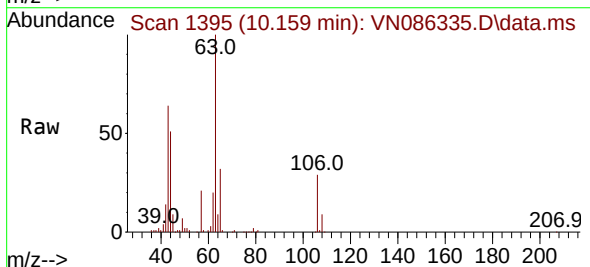
Acq: 18 Apr 2025 11:43

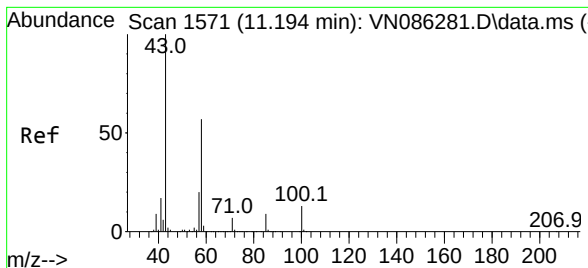
Tgt Ion: 63 Resp: 258392

Ion Ratio Lower Upper

63 100

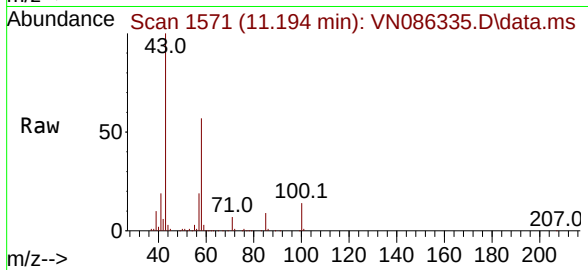
106 28.6 22.2 33.2





#59
2-Hexanone
Concen: 104.720 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

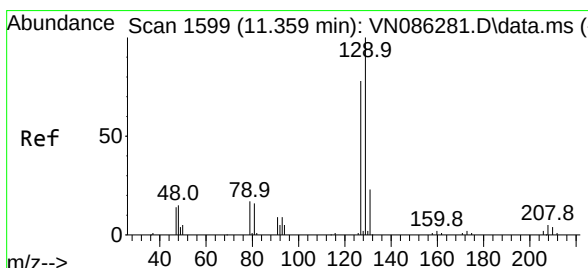
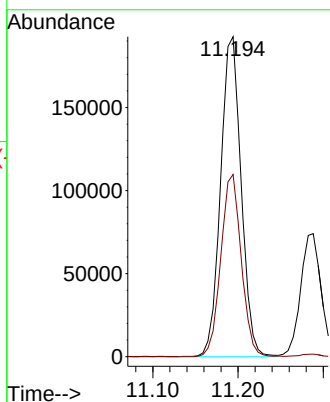
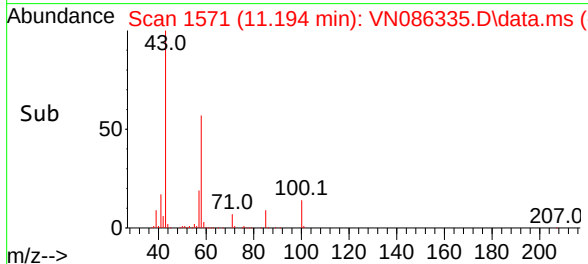
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 43 Resp: 32280
Ion Ratio Lower Upper
43 100
58 56.5 28.3 85.0

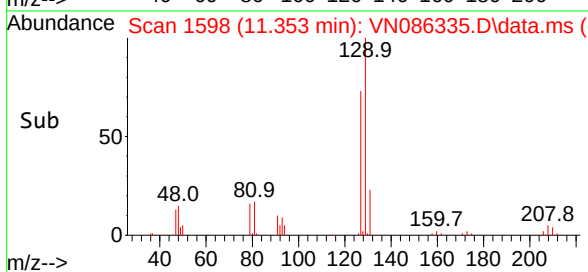
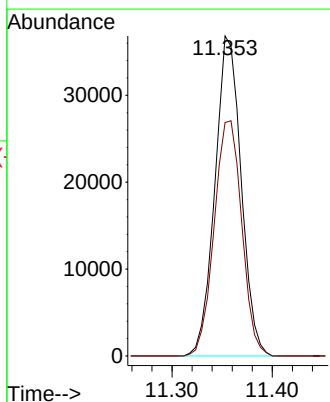
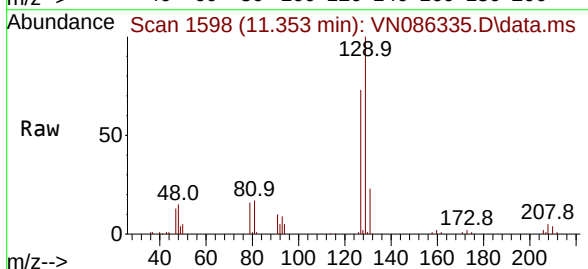
Manual Integrations
APPROVED

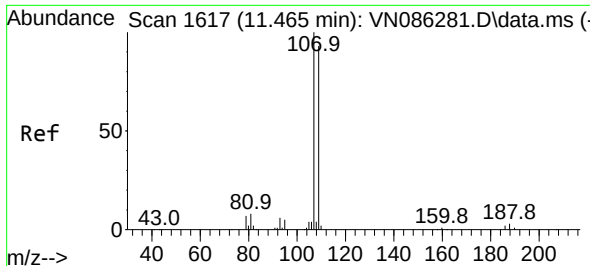
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#60
Dibromochloromethane
Concen: 21.962 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion:129 Resp: 66870
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





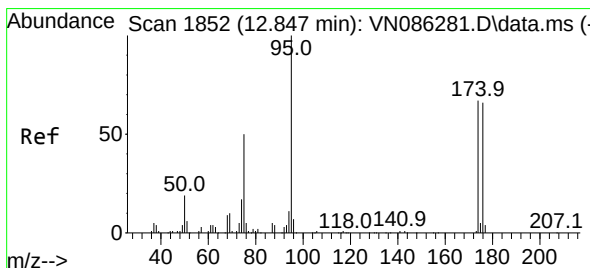
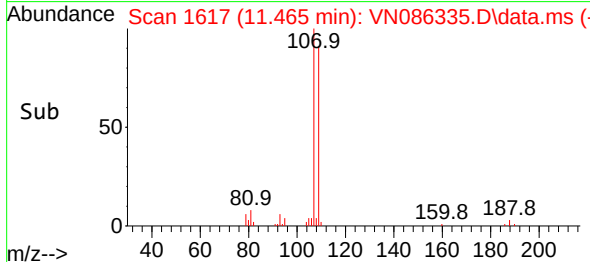
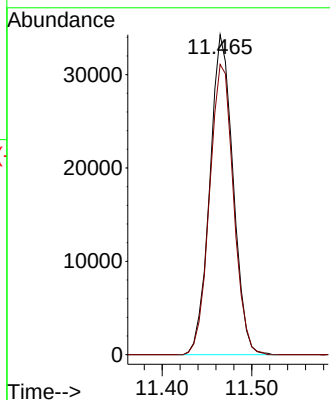
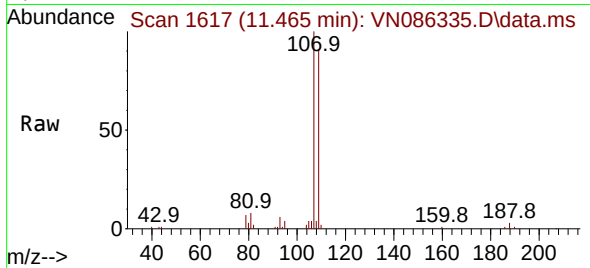
#61
1,2-Dibromoethane
Concen: 22.074 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01

Tgt Ion:107 Resp: 61759
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.0

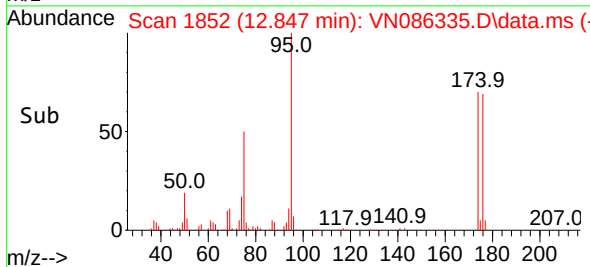
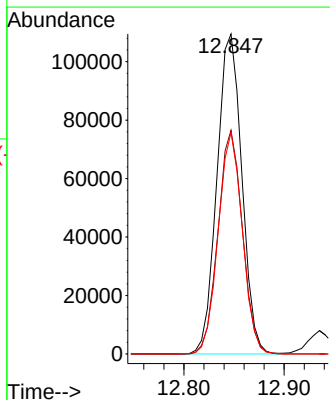
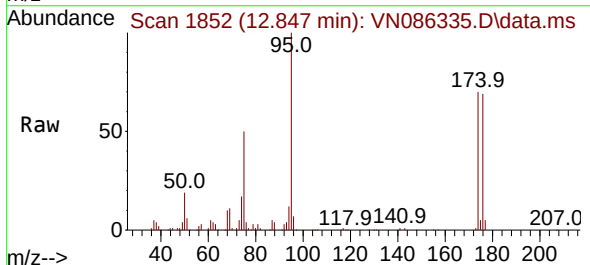
Manual Integrations
APPROVED

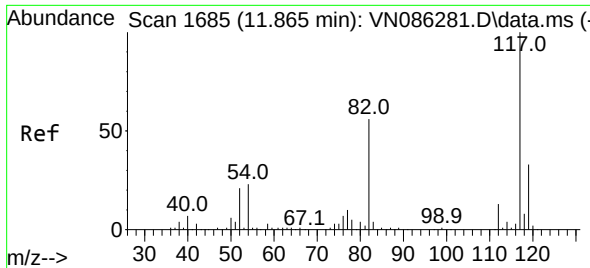
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#62
4-Bromofluorobenzene
Concen: 50.161 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

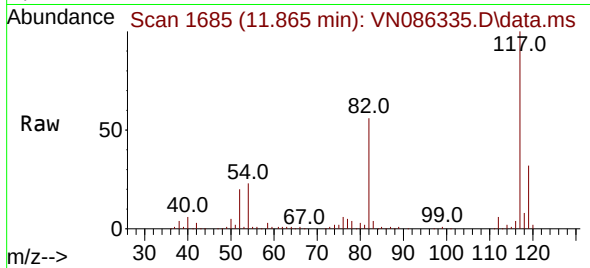
Tgt Ion: 95 Resp: 188720
Ion Ratio Lower Upper
95 100
174 68.5 0.0 133.4
176 67.0 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

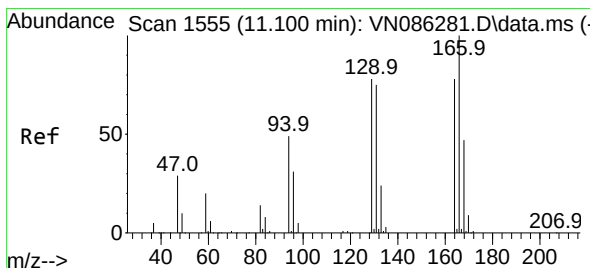
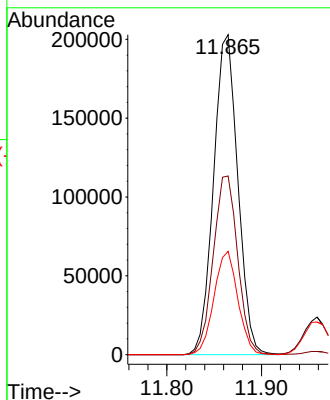
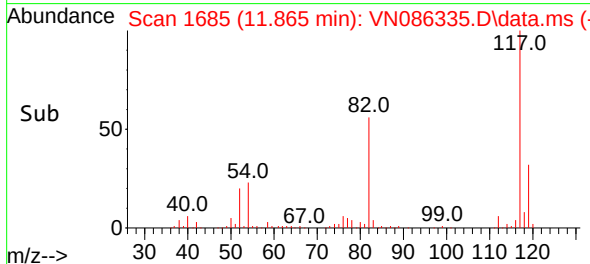
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion:117 Resp: 361590
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.3 26.4 39.6

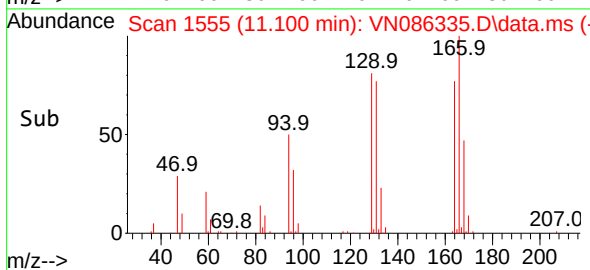
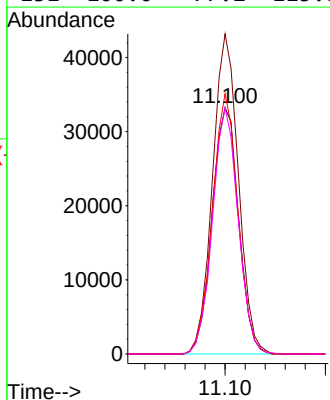
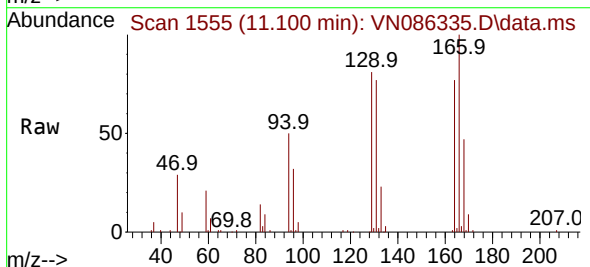
Manual Integrations
APPROVED

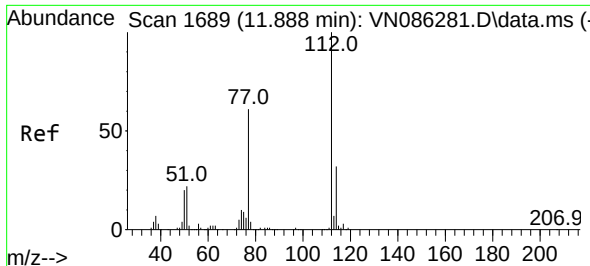
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#64
Tetrachloroethene
Concen: 21.937 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

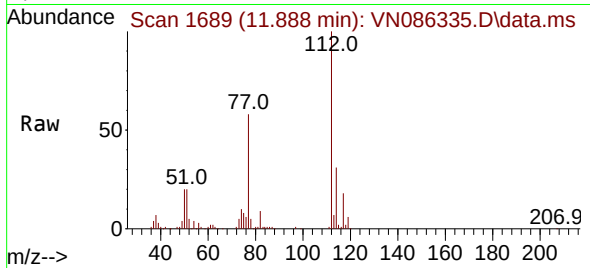
Tgt Ion:164 Resp: 61016
Ion Ratio Lower Upper
164 100
166 129.9 103.0 154.4
129 105.7 80.1 120.1
131 100.0 77.2 115.8





#65
Chlorobenzene
Concen: 21.424 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

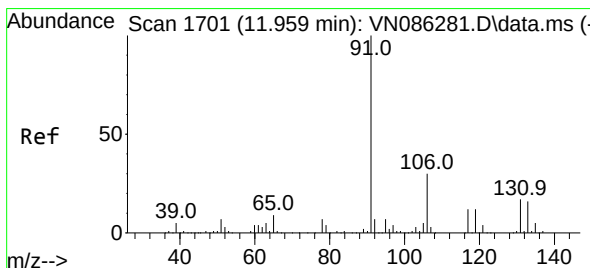
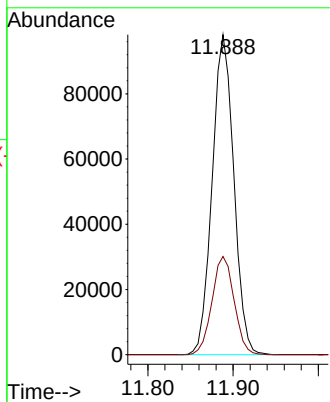
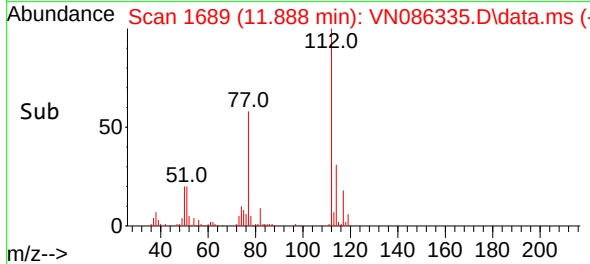
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion:112 Resp: 17287
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.0

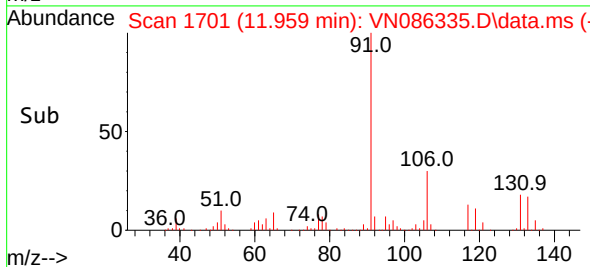
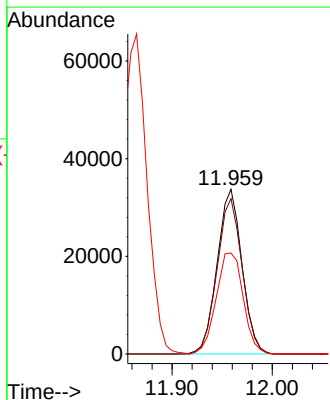
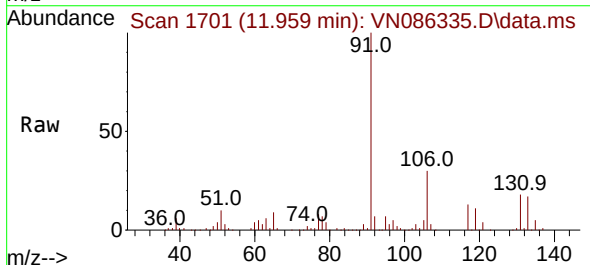
Manual Integrations
APPROVED

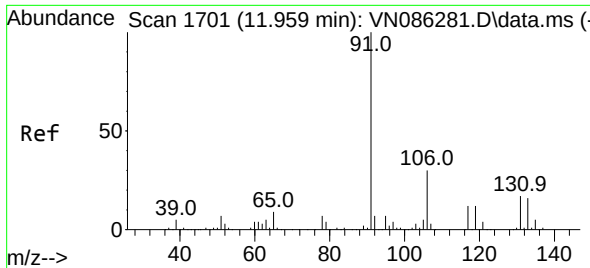
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.746 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

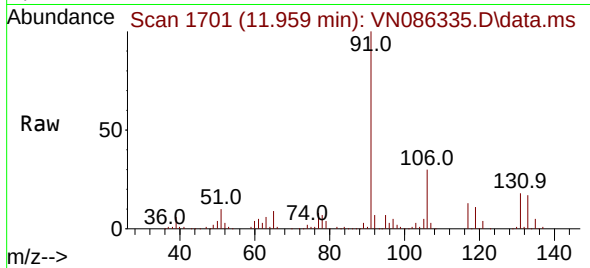
Tgt Ion:131 Resp: 57889
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.3
119 66.8 33.8 101.4





#67
Ethyl Benzene
Concen: 20.516 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

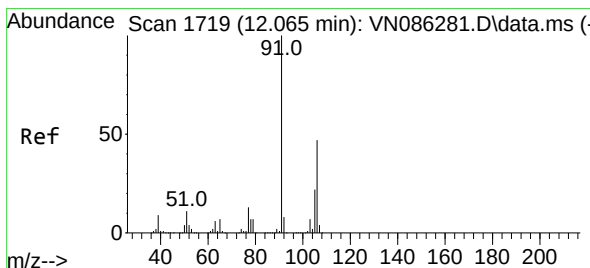
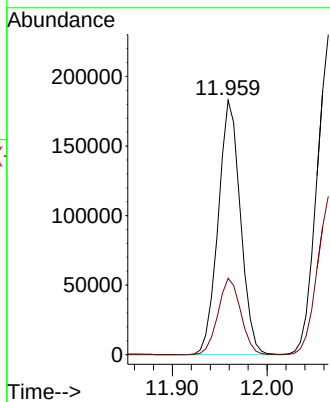
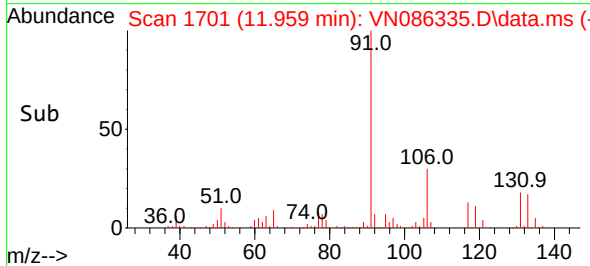
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 91 Resp: 298742
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

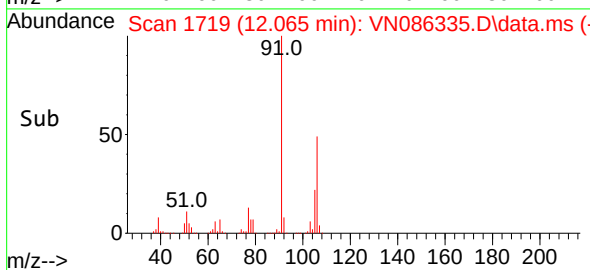
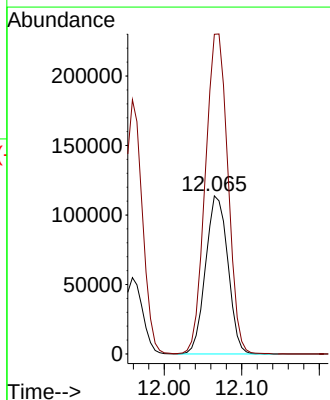
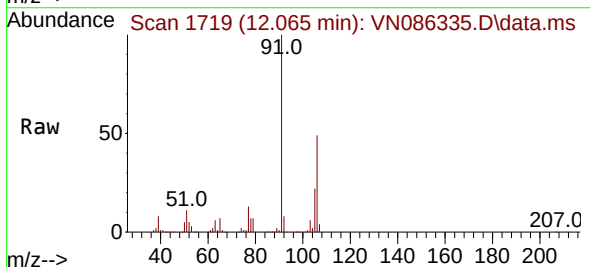
Manual Integrations
APPROVED

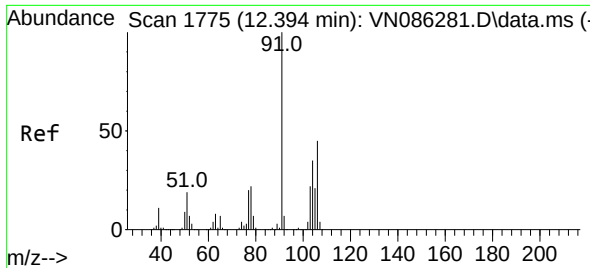
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#68
m/p-Xylenes
Concen: 41.670 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

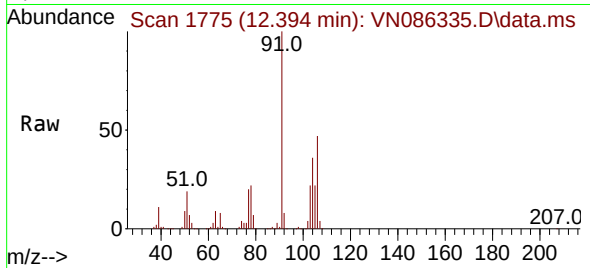
Tgt Ion:106 Resp: 227360
Ion Ratio Lower Upper
106 100
91 205.1 166.5 249.7





#69
o-Xylene
Concen: 21.028 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

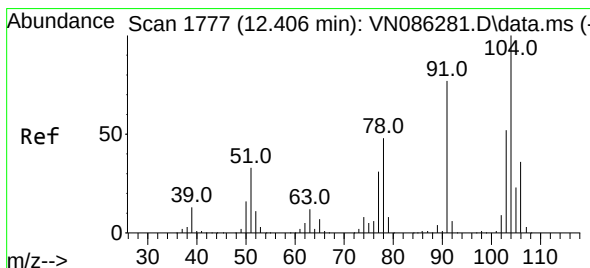
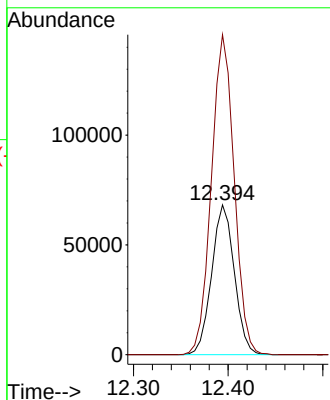
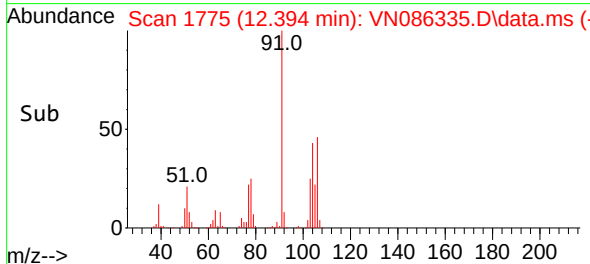
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion:106 Resp: 113464
Ion Ratio Lower Upper
106 100
91 214.9 109.7 329.0

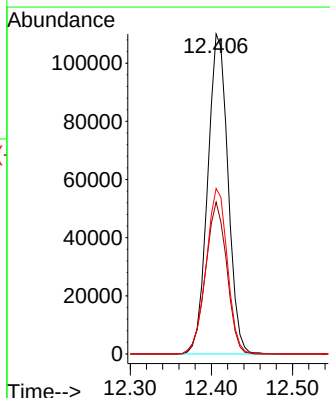
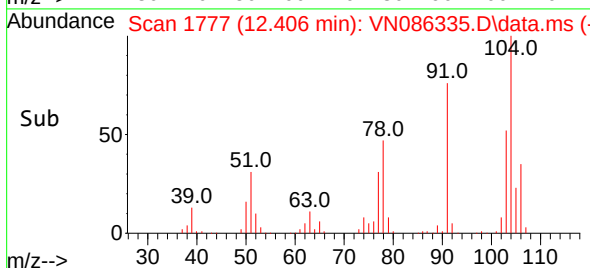
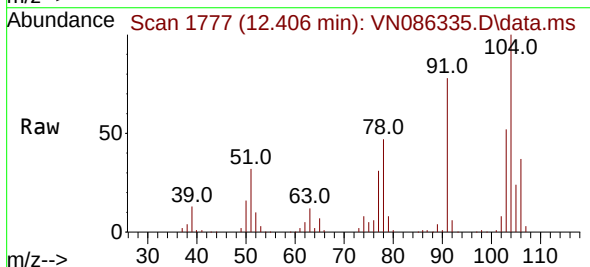
Manual Integrations
APPROVED

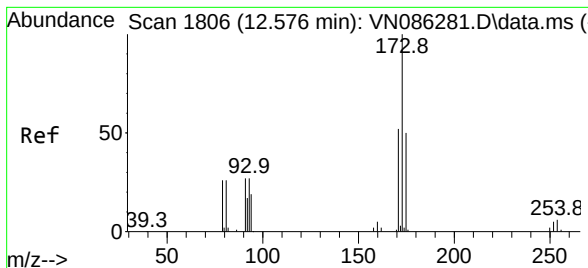
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#70
Styrene
Concen: 21.238 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion:104 Resp: 190942
Ion Ratio Lower Upper
104 100
78 49.6 40.6 61.0
103 54.3 43.6 65.4





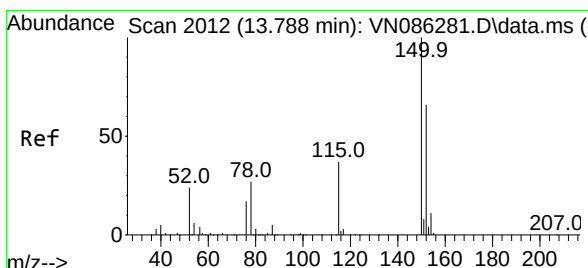
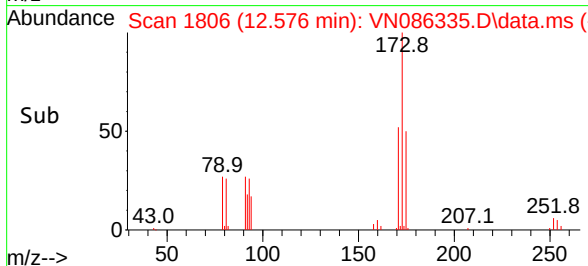
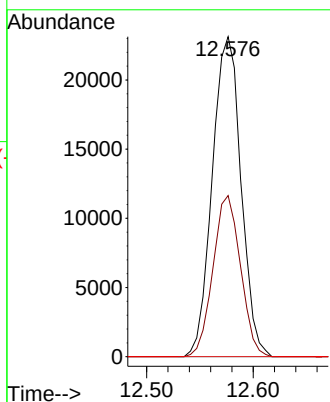
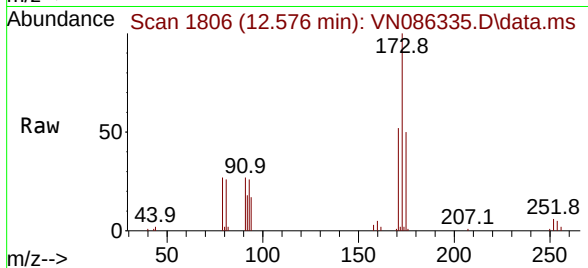
#71
Bromoform
Concen: 21.590 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01

Tgt Ion:173 Resp: 4327
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.0 0.0

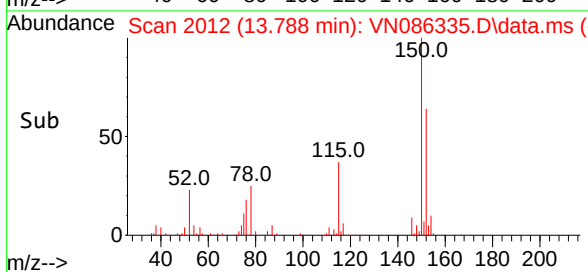
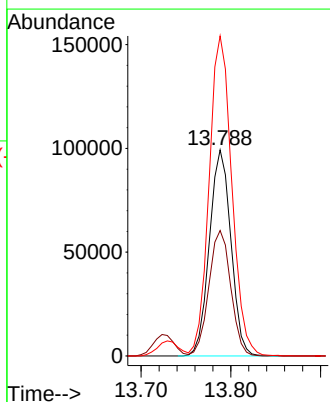
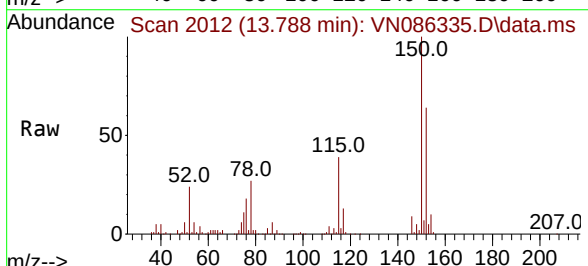
Manual Integrations
APPROVED

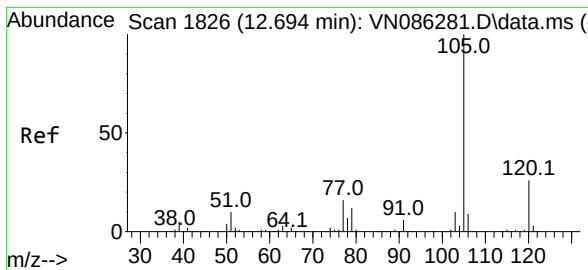
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion:152 Resp: 165345
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.9
150 163.6 0.0 352.0





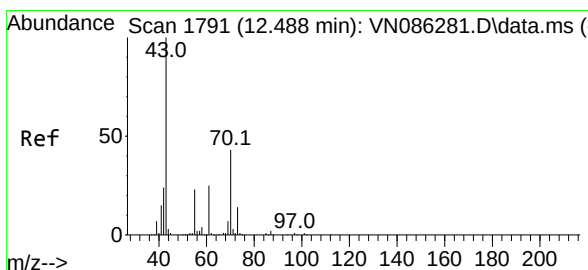
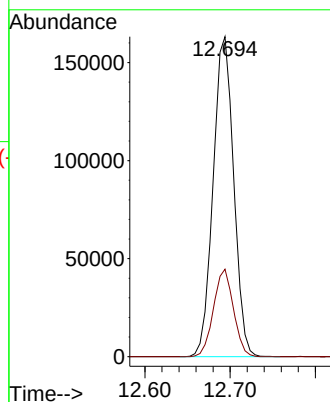
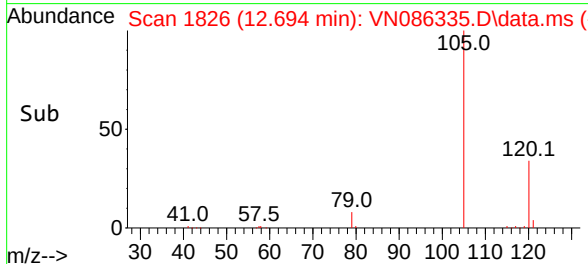
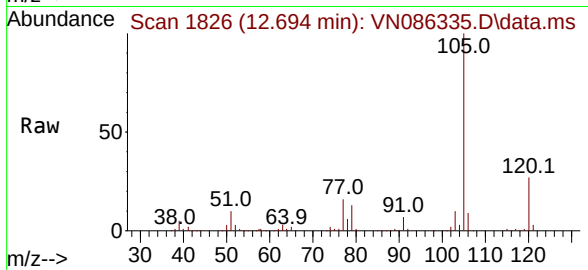
#73
Isopropylbenzene
Concen: 20.255 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01

Tgt Ion:105 Resp: 27395
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

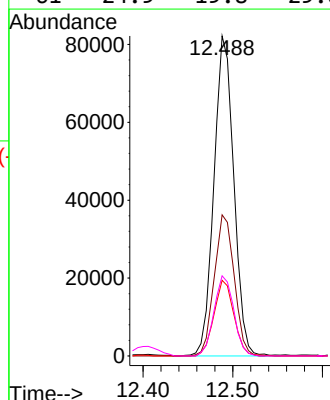
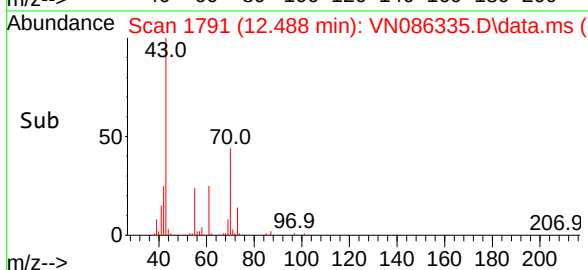
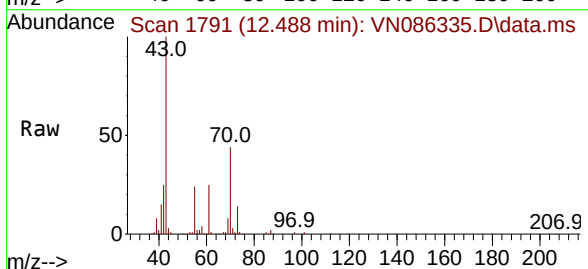
Manual Integrations
APPROVED

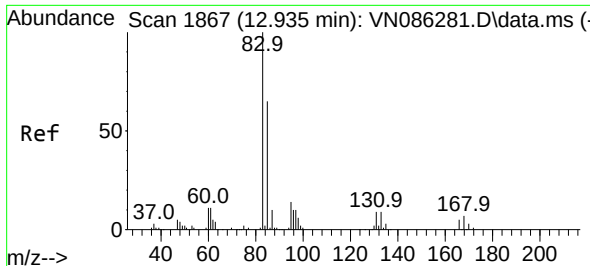
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#74
N-ethyl acetate
Concen: 18.782 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

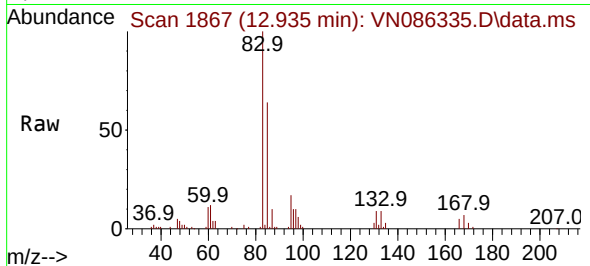
Tgt Ion: 43 Resp: 126467
Ion Ratio Lower Upper
43 100
70 44.3 35.0 52.4
55 23.7 19.0 28.4
61 24.9 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.642 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

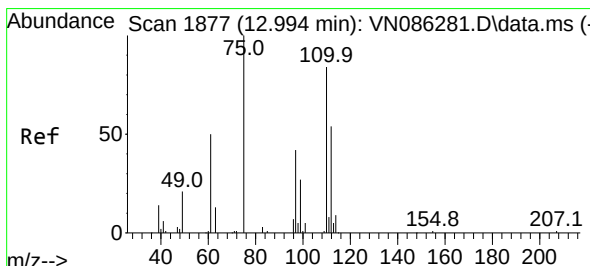
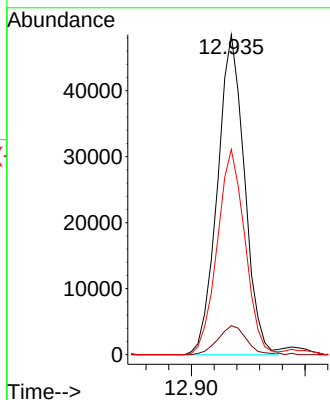
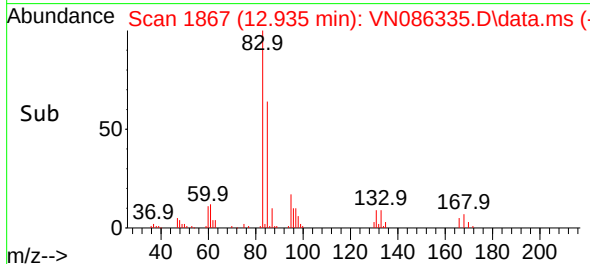
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



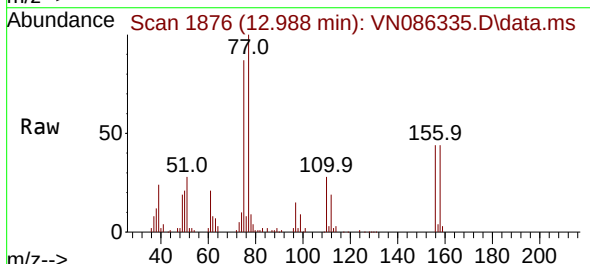
Tgt Ion: 83 Resp: 80275
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 65.7 32.7 98.1

Manual Integrations
APPROVED

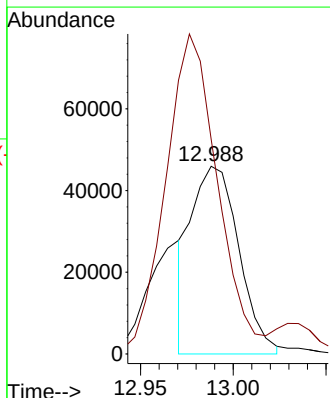
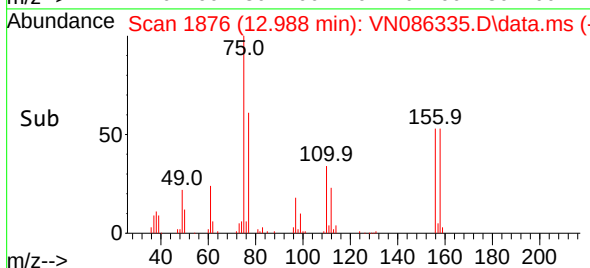
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

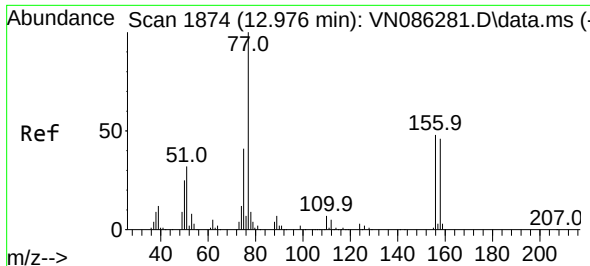


#76
1,2,3-Trichloropropane
Concen: 20.923 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43



Tgt Ion: 75 Resp: 81638
Ion Ratio Lower Upper
75 100
77 187.7 98.8 296.4





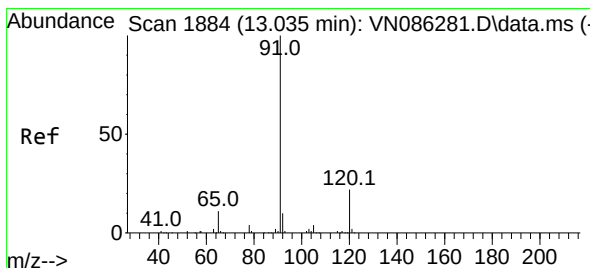
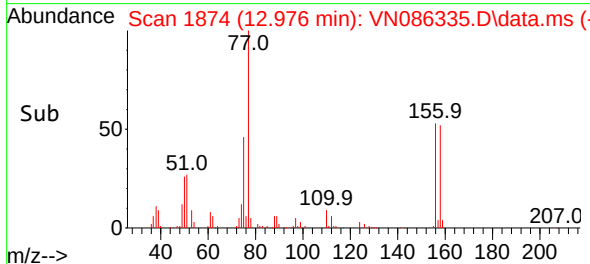
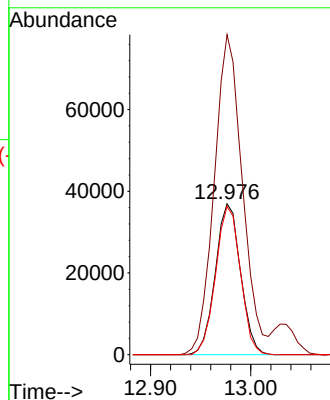
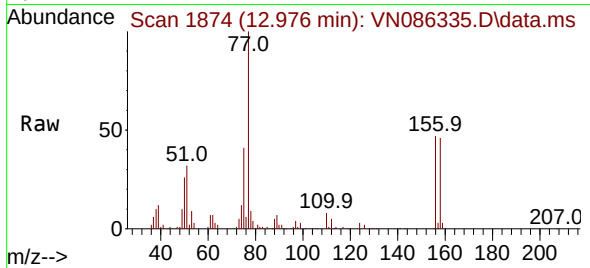
#77
Bromobenzene
Concen: 21.518 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01

Tgt Ion:156 Resp: 64489
Ion Ratio Lower Upper
156 100
77 237.7 121.1 363.1
158 96.5 47.9 143.6

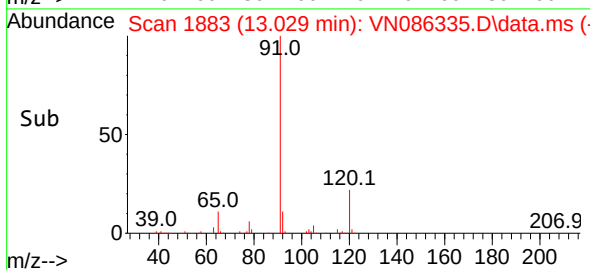
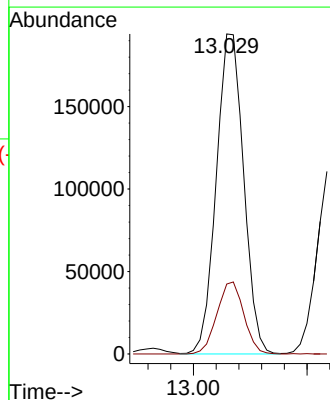
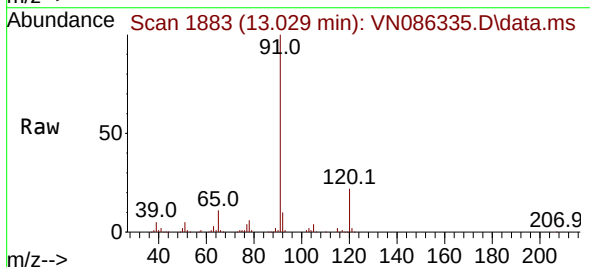
Manual Integrations
APPROVED

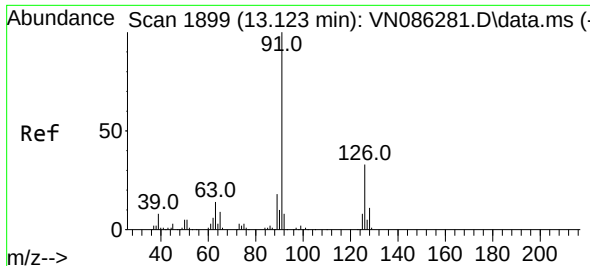
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#78
n-propylbenzene
Concen: 20.377 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion: 91 Resp: 324773
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3





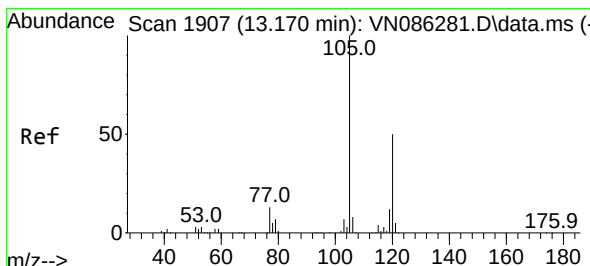
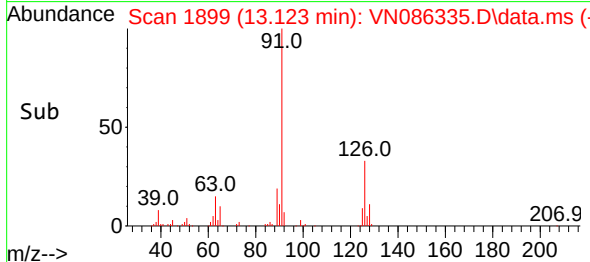
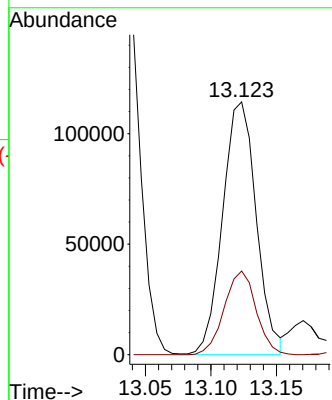
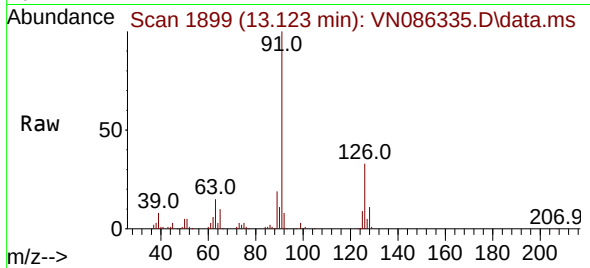
#79
2-Chlorotoluene
Concen: 20.484 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01

Tgt Ion: 91 Resp: 20429
Ion Ratio Lower Upper
91 100
126 31.3 16.1 48.2

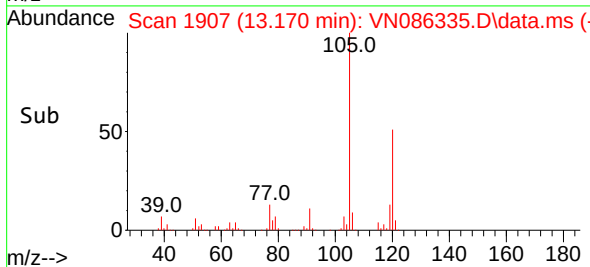
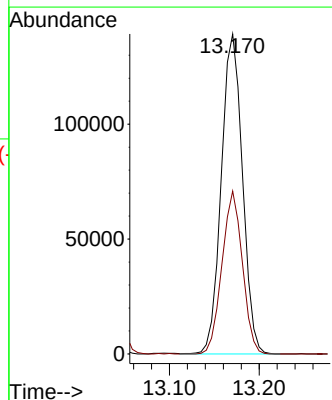
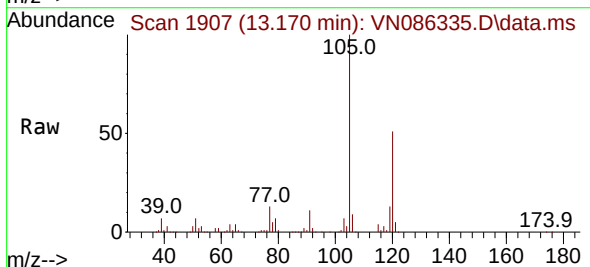
Manual Integrations
APPROVED

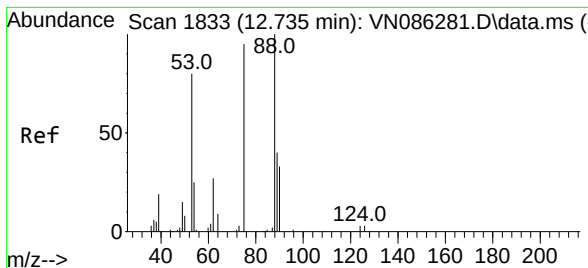
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.585 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

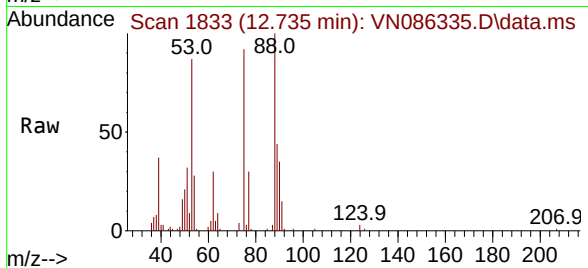
Tgt Ion:105 Resp: 227883
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 20.999 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

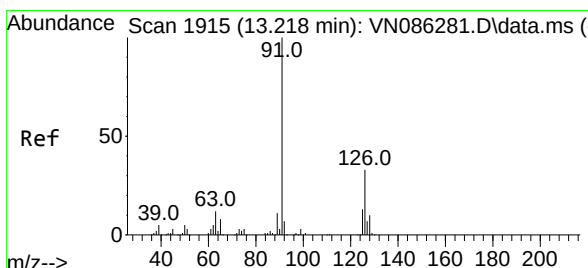
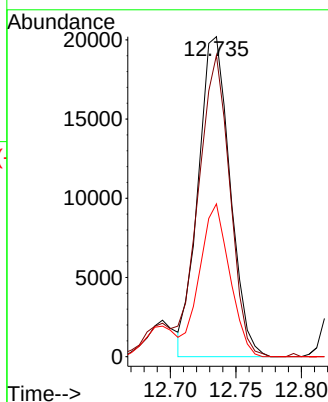
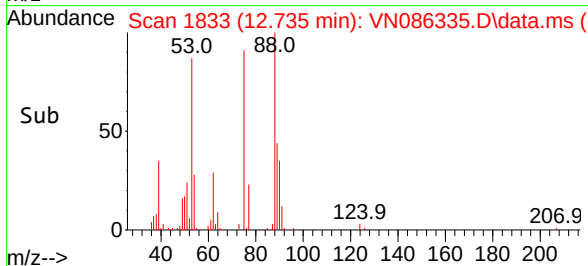
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 75 Resp: 34110
Ion Ratio Lower Upper
75 100
53 102.7 79.2 118.8
89 45.4 35.7 53.5

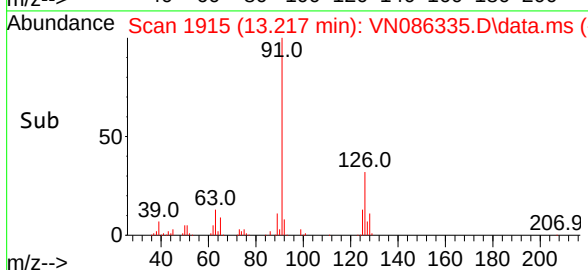
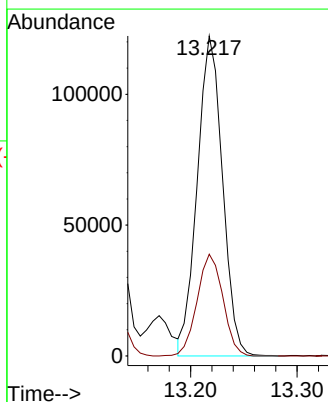
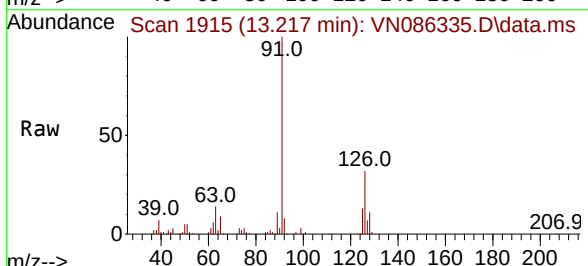
Manual Integrations
APPROVED

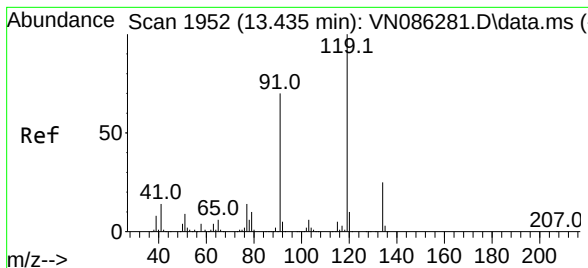
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#82
4-Chlorotoluene
Concen: 20.319 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

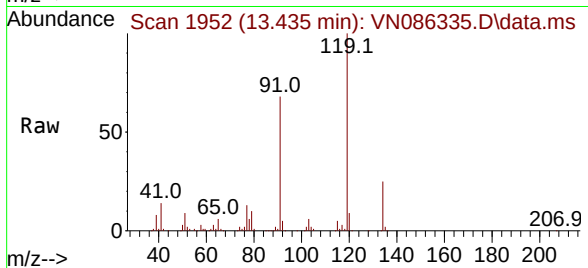
Tgt Ion: 91 Resp: 201301
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 20.225 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

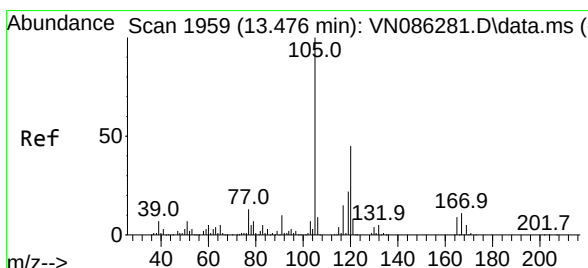
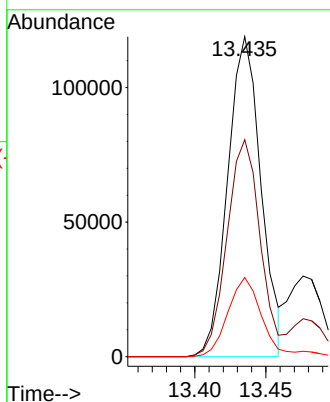
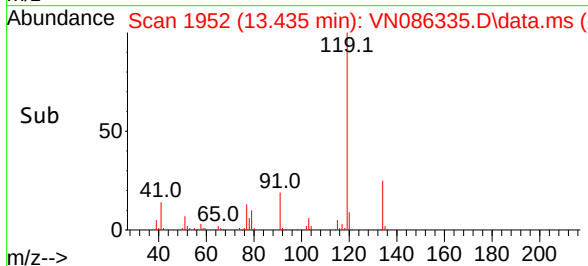
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



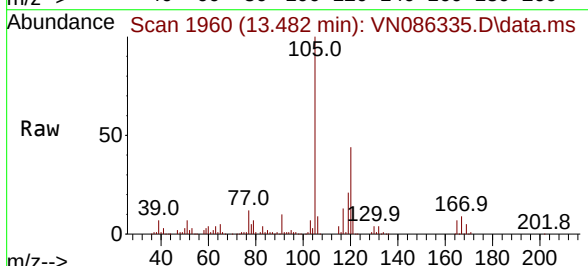
Tgt Ion:119 Resp: 194004
Ion Ratio Lower Upper
119 100
91 68.8 34.4 103.3
134 25.7 13.0 39.0

Manual Integrations
APPROVED

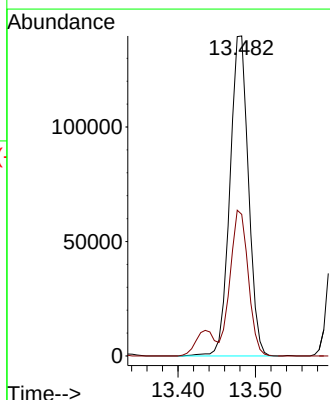
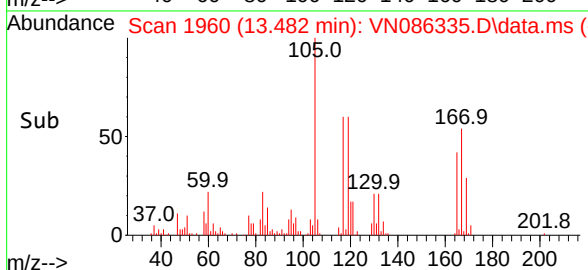
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

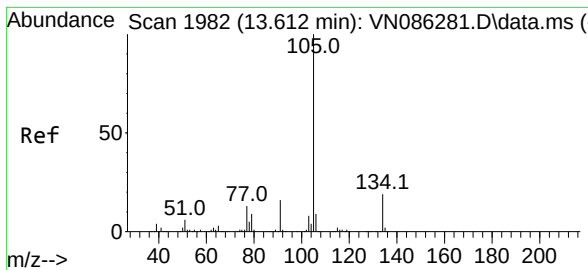


#84
1,2,4-Trimethylbenzene
Concen: 20.650 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43



Tgt Ion:105 Resp: 232694
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3





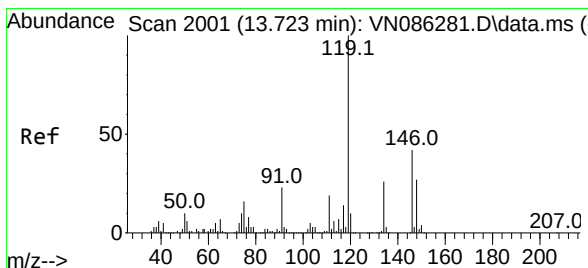
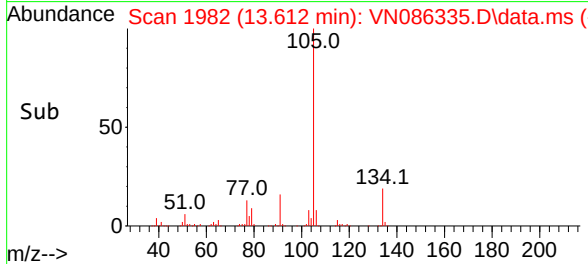
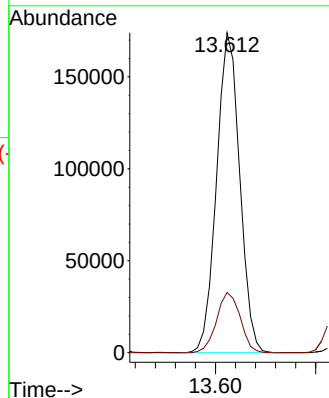
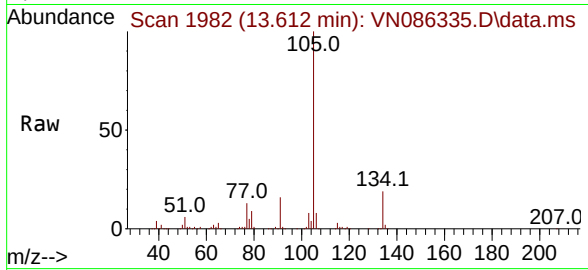
#85
 sec-Butylbenzene
 Concen: 20.933 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418WBSD01

Tgt Ion:105 Resp: 278519
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

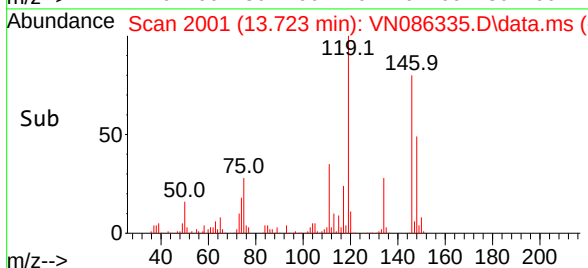
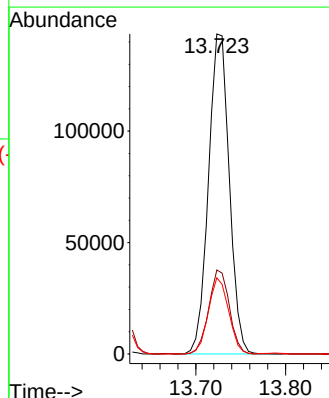
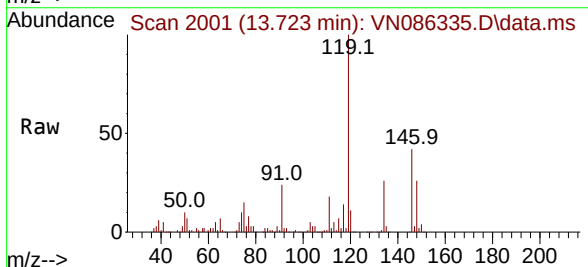
Manual Integrations
 APPROVED

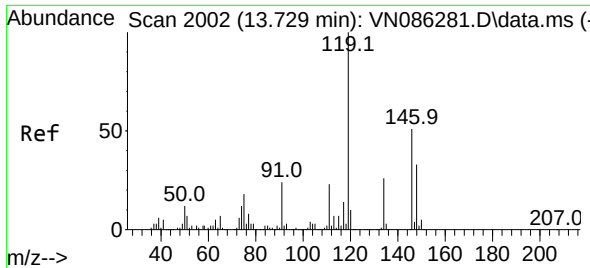
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#86
 p-Isopropyltoluene
 Concen: 21.104 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086335.D
 Acq: 18 Apr 2025 11:43

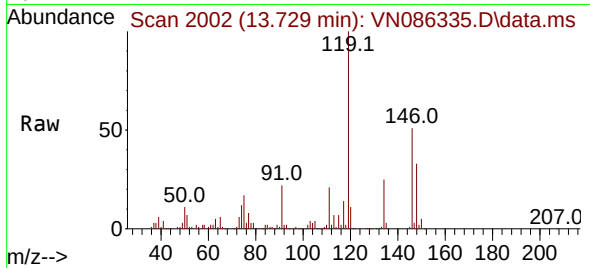
Tgt Ion:119 Resp: 231442
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.2 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 21.283 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

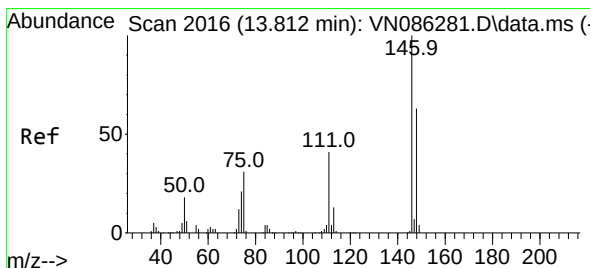
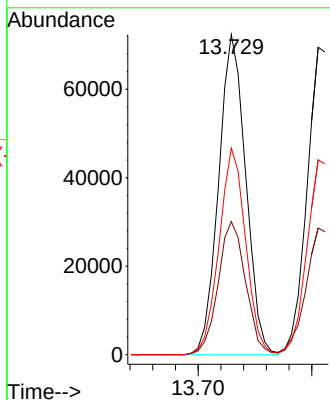
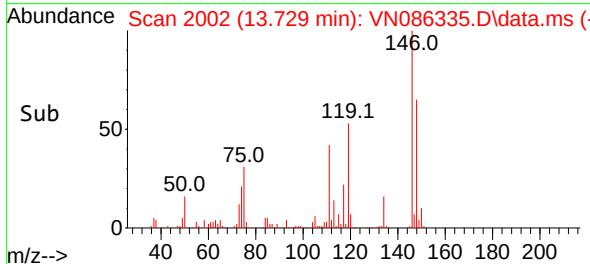
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion:146 Resp: 11990
Ion Ratio Lower Upper
146 100
111 42.1 21.9 65.7
148 63.3 31.9 95.5

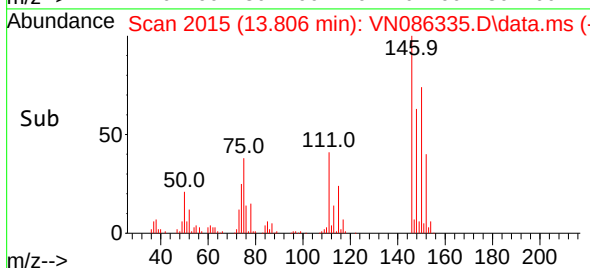
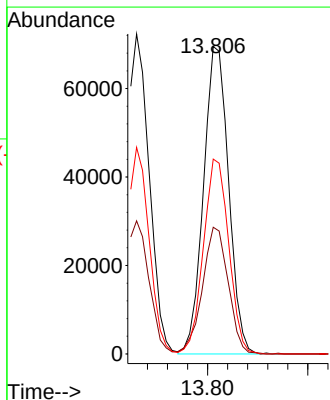
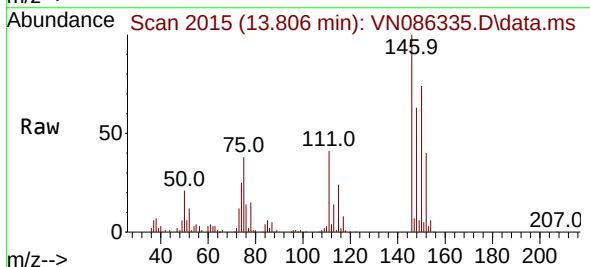
Manual Integrations
APPROVED

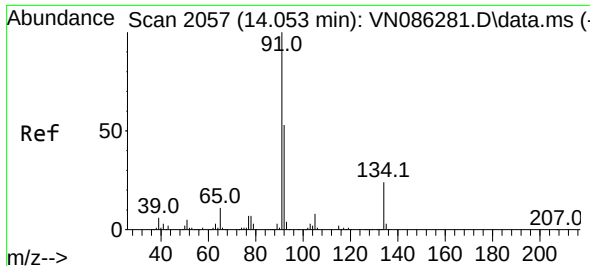
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#88
1,4-Dichlorobenzene
Concen: 21.322 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

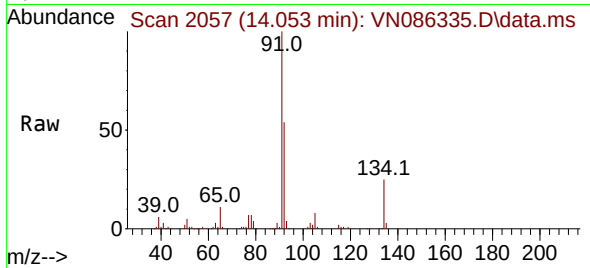
Tgt Ion:146 Resp: 120991
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.9
148 64.0 31.9 95.9





#89
n-Butylbenzene
Concen: 21.202 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

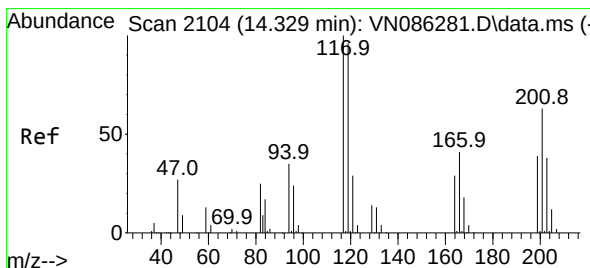
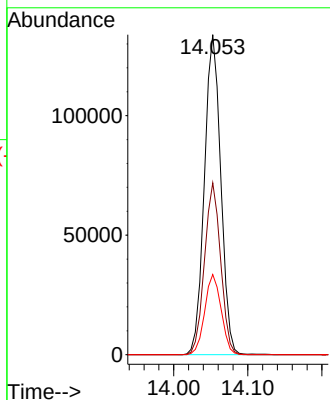
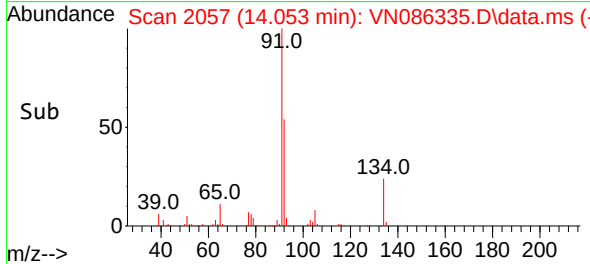
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion: 91 Resp: 206092
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.4
134 25.1 12.2 36.6

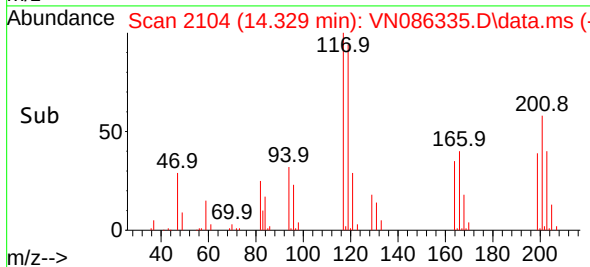
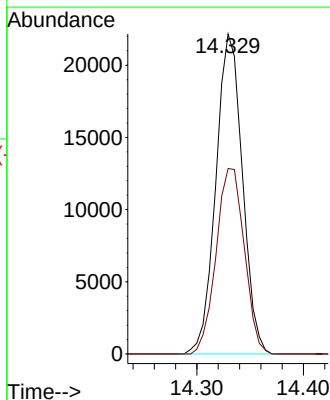
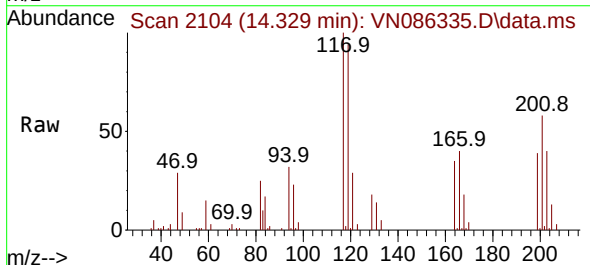
Manual Integrations
APPROVED

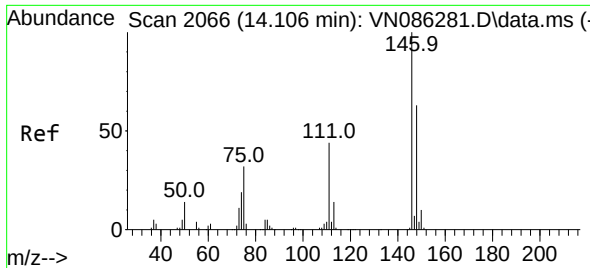
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#90
Hexachloroethane
Concen: 20.780 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion:117 Resp: 38332
Ion Ratio Lower Upper
117 100
201 61.6 31.4 94.2





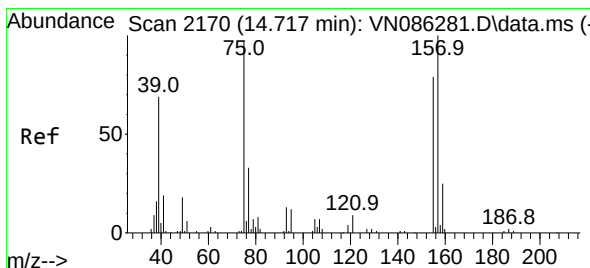
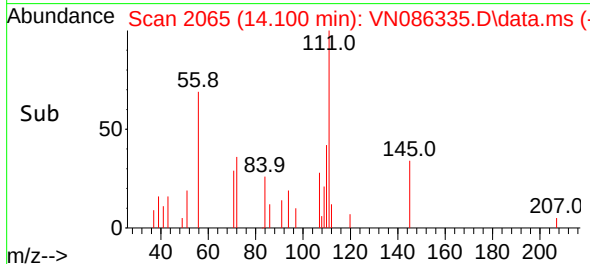
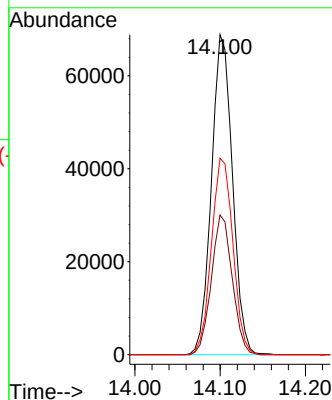
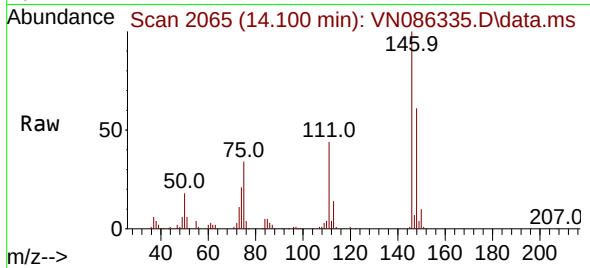
#91
1,2-Dichlorobenzene
Concen: 21.629 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01

Tgt Ion:146 Resp: 118138
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 62.8 31.8 95.4

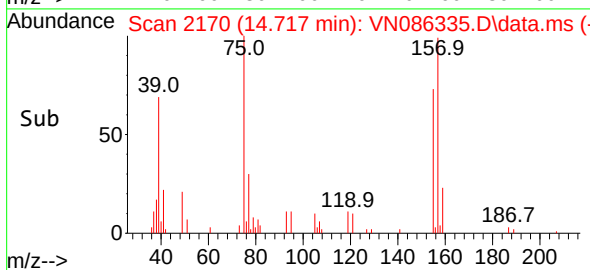
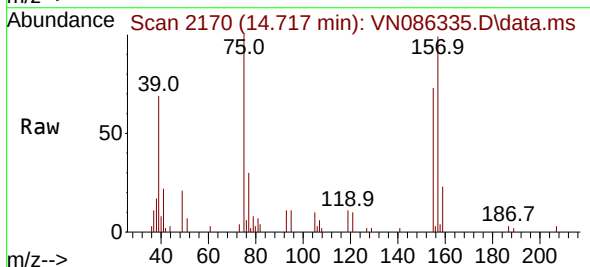
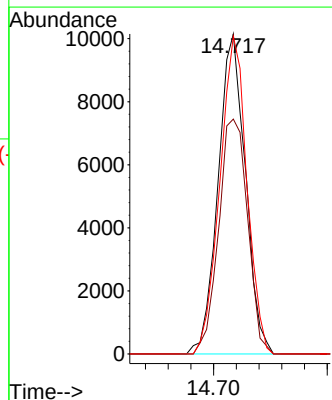
Manual Integrations
APPROVED

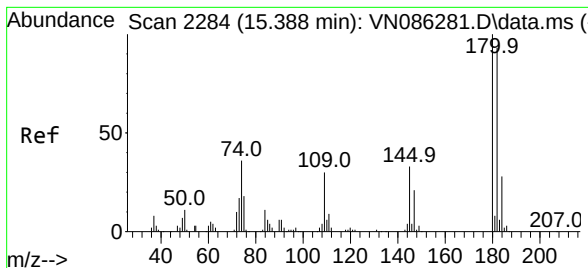
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.569 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion: 75 Resp: 16913
Ion Ratio Lower Upper
75 100
155 77.8 40.3 120.9
157 98.5 49.0 147.2





#93

1,2,4-Trichlorobenzene

Concen: 22.688 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN0418WBSD01

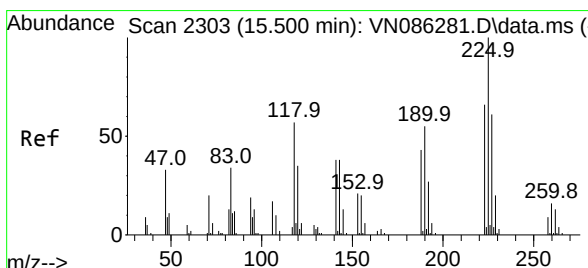
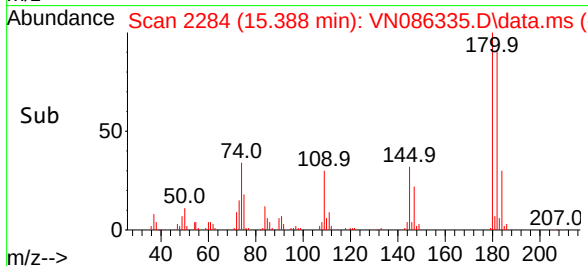
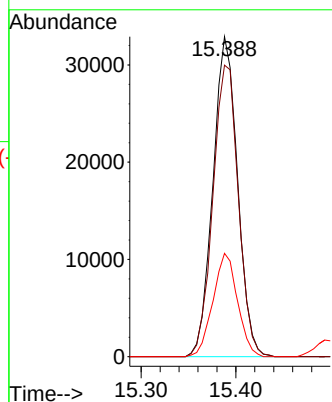
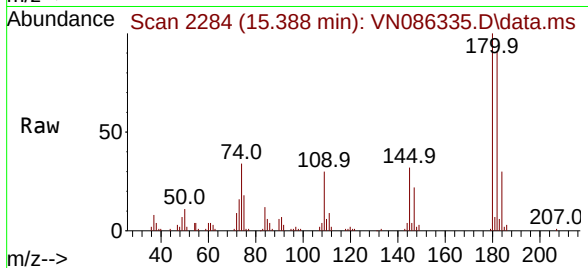
Tgt Ion:	180	Resp:	5934
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.0	141.0
145	32.2	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#94

Hexachlorobutadiene

Concen: 23.435 ug/l

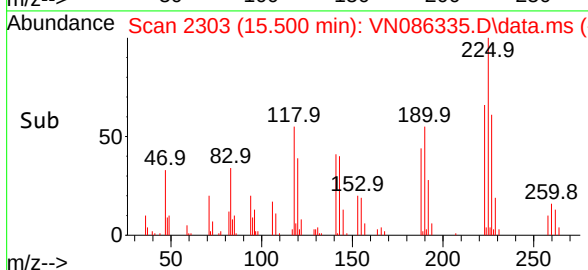
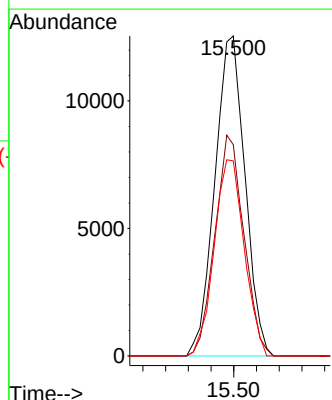
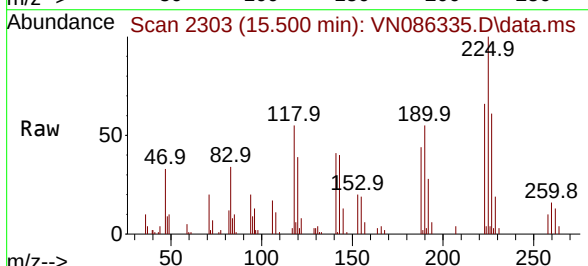
RT: 15.500 min Scan# 2303

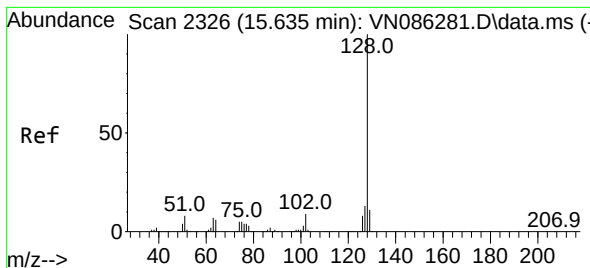
Delta R.T. -0.000 min

Lab File: VN086335.D

Acq: 18 Apr 2025 11:43

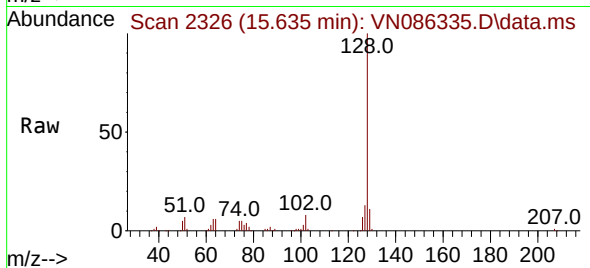
Tgt Ion:	225	Resp:	23137
Ion Ratio	Lower	Upper	
225	100		
223	66.3	32.8	98.3
227	61.2	31.4	94.0





#95
Naphthalene
Concen: 21.759 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

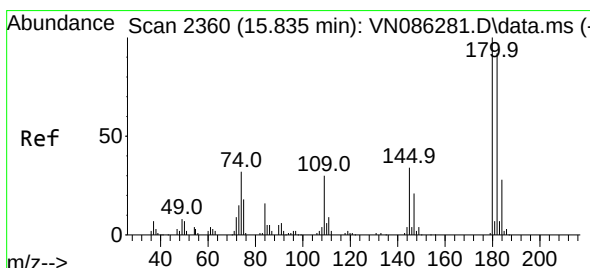
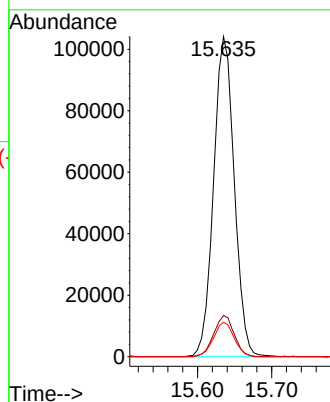
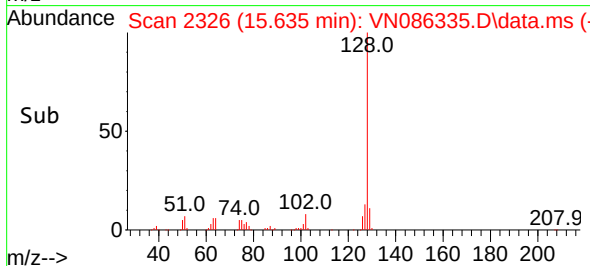
Instrument :
MSVOA_N
ClientSampleId :
VN0418WBSD01



Tgt Ion:128 Resp: 201733
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 22.314 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086335.D
Acq: 18 Apr 2025 11:43

Tgt Ion:180 Resp: 55254
Ion Ratio Lower Upper
180 100
182 92.7 47.3 142.0
145 34.3 17.2 51.5

