

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086634.D
 Acq On : 15 May 2025 10:36
 Operator : JC\MD
 Sample : VN0515WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBS01

Quant Time: May 16 05:22:05 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2025
 Supervised By : Mahesh Dadoda 05/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	247028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	432607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	174613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144787	40.419	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.840%		
35) Dibromofluoromethane	8.159	113	116936	58.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	116.480%		
50) Toluene-d8	10.565	98	471952	43.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.960%		
62) 4-Bromofluorobenzene	12.847	95	173293	44.276	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	55234	18.862	ug/l	98
3) Chloromethane	2.360	50	67707	15.909	ug/l	98
4) Vinyl Chloride	2.512	62	63439	15.620	ug/l	98
5) Bromomethane	2.959	94	37414	20.481	ug/l	99
6) Chloroethane	3.118	64	40931	15.059	ug/l	95
7) Trichlorofluoromethane	3.501	101	84035	18.680	ug/l	97
8) Diethyl Ether	3.959	74	32746	16.674	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	49255	18.099	ug/l	93
10) Methyl Iodide	4.589	142	57862	19.339	ug/l	98
11) Tert butyl alcohol	5.512	59	51924	79.444	ug/l	100
12) 1,1-Dichloroethene	4.342	96	50593	17.401	ug/l	92
13) Acrolein	4.177	56	29614	87.353	ug/l	97
14) Allyl chloride	5.024	41	71868	13.905	ug/l	97
15) Acrylonitrile	5.712	53	127172	78.710	ug/l	99
16) Acetone	4.424	43	102753	79.064	ug/l	99
17) Carbon Disulfide	4.712	76	131844	15.145	ug/l	97
18) Methyl Acetate	5.018	43	57971	13.482	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	171836	16.078	ug/l	98
20) Methylene Chloride	5.271	84	55563	16.778	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	52220	17.179	ug/l	91
22) Diisopropyl ether	6.671	45	165297	14.701	ug/l	95
23) Vinyl Acetate	6.600	43	594670	75.659	ug/l	96
24) 1,1-Dichloroethane	6.565	63	96650	16.292	ug/l	98
25) 2-Butanone	7.477	43	163428	73.296	ug/l	95
26) 2,2-Dichloropropane	7.489	77	89702	16.888	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	65038	17.239	ug/l	92
28) Bromochloromethane	7.806	49	37811	15.032	ug/l #	83
29) Tetrahydrofuran	7.836	42	107497	72.097	ug/l	93
30) Chloroform	7.959	83	99016	16.991	ug/l	99
31) Cyclohexane	8.253	56	87883	15.139	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	86445	17.340	ug/l	96
36) 1,1-Dichloropropene	8.365	75	71224	17.761	ug/l	97
37) Ethyl Acetate	7.553	43	65528	15.521	ug/l	99
38) Carbon Tetrachloride	8.359	117	73368	19.211	ug/l	97
39) Methylcyclohexane	9.600	83	79656	16.711	ug/l	94
40) Benzene	8.600	78	226002	17.590	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	35823	14.640	ug/l	93
42) 1,2-Dichloroethane	8.665	62	71849	17.536	ug/l	100
43) Isopropyl Acetate	8.683	43	121282	14.447	ug/l	97
44) Trichloroethene	9.347	130	59552	19.555	ug/l	93
45) 1,2-Dichloropropane	9.618	63	52827	16.796	ug/l	95
46) Dibromomethane	9.706	93	37165	18.546	ug/l	92
47) Bromodichloromethane	9.883	83	76635	17.707	ug/l	99
48) Methyl methacrylate	9.677	41	53613	14.460	ug/l	94
49) 1,4-Dioxane	9.688	88	24107	382.254	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	336513	77.837	ug/l	96
52) Toluene	10.624	92	146575	18.283	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83297	17.241	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	89386	16.845	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	52427	18.175	ug/l	94
56) Ethyl methacrylate	10.871	69	86683	16.349	ug/l	95
57) 1,3-Dichloropropane	11.159	76	90014	17.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	175340	69.674	ug/l	94
59) 2-Hexanone	11.194	43	246899	76.994	ug/l	96
60) Dibromochloromethane	11.359	129	59383	18.748	ug/l	99
61) 1,2-Dibromoethane	11.465	107	54858	18.848	ug/l	99
64) Tetrachloroethene	11.100	164	61281	20.536	ug/l	98
65) Chlorobenzene	11.888	112	162106	18.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	53478	18.724	ug/l	98
67) Ethyl Benzene	11.959	91	275105	17.609	ug/l	96
68) m/p-Xylenes	12.065	106	214317	36.612	ug/l	96
69) o-Xylene	12.394	106	105800	18.276	ug/l	96
70) Styrene	12.406	104	173887	18.027	ug/l	98
71) Bromoform	12.576	173	39560	18.397	ug/l #	99
73) Isopropylbenzene	12.688	105	255573	17.893	ug/l	99
74) N-amyl acetate	12.488	43	97590	13.724	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	72983	17.771	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	69383m	16.838	ug/l	
77) Bromobenzene	12.976	156	63558	20.082	ug/l	89
78) n-propylbenzene	13.029	91	289986	17.229	ug/l	98
79) 2-Chlorotoluene	13.124	91	186920	17.747	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	207188	17.722	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27807	16.207	ug/l	91
82) 4-Chlorotoluene	13.218	91	183754	17.563	ug/l	97
83) tert-Butylbenzene	13.435	119	179018	17.672	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	208002	17.479	ug/l	99
85) sec-Butylbenzene	13.612	105	245302	17.458	ug/l	99
86) p-Isopropyltoluene	13.723	119	203526	17.574	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	110641	18.597	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	110172	18.385	ug/l	99
89) n-Butylbenzene	14.053	91	168998	16.463	ug/l	98
90) Hexachloroethane	14.329	117	32297	16.579	ug/l	92
91) 1,2-Dichlorobenzene	14.100	146	106503	18.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12363	14.929	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	47554	17.217	ug/l	98
94) Hexachlorobutadiene	15.494	225	19186	18.401	ug/l	98
95) Naphthalene	15.635	128	154232	15.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	45821	17.523	ug/l	99

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

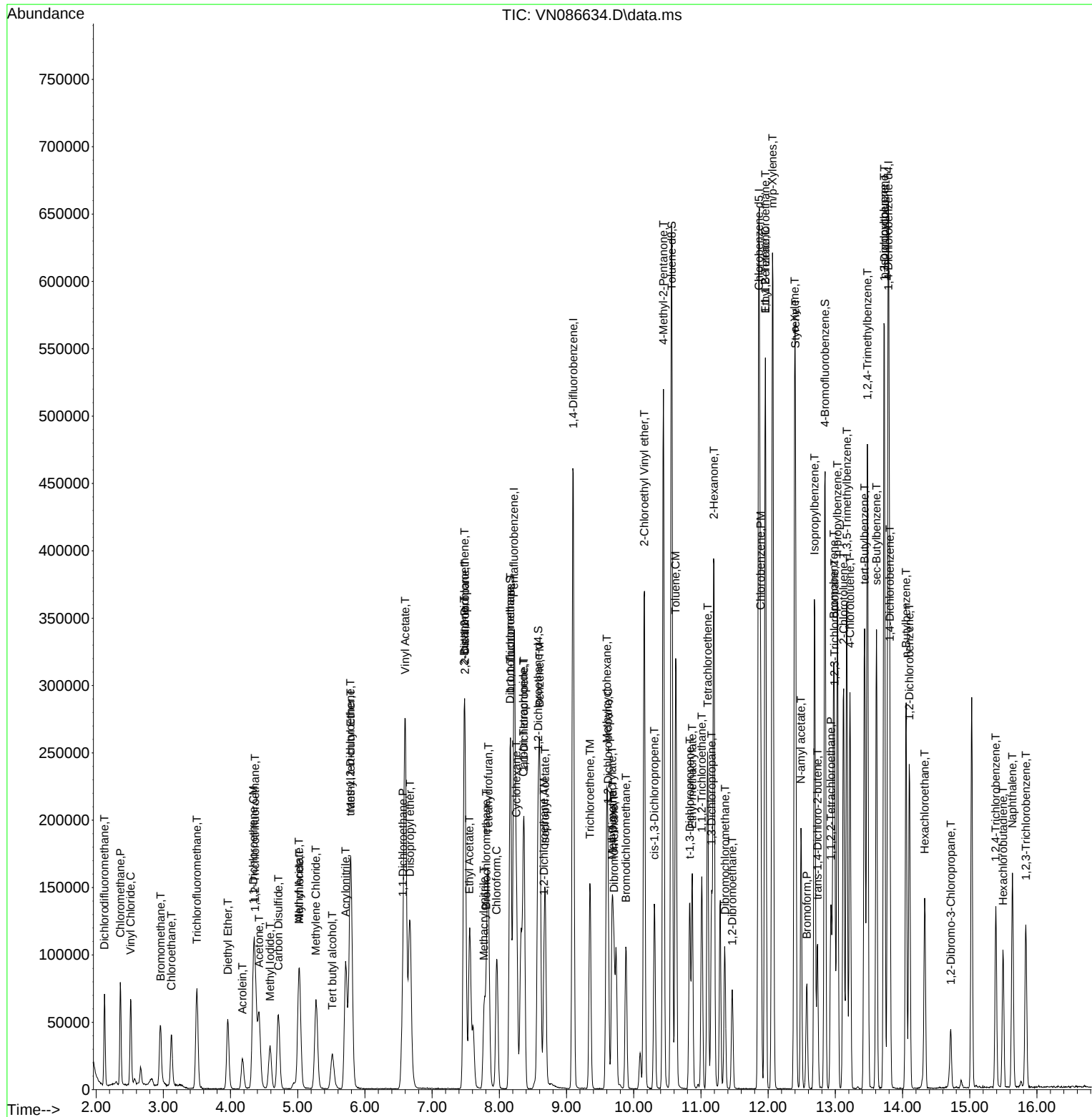
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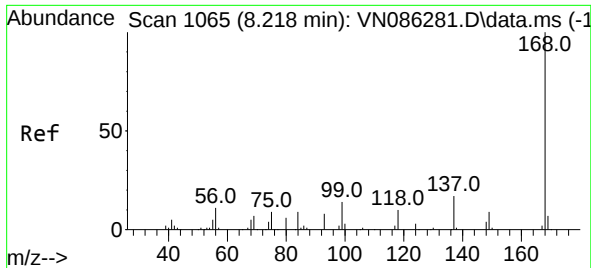
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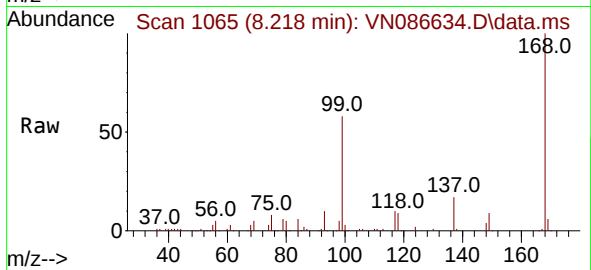
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086634.D
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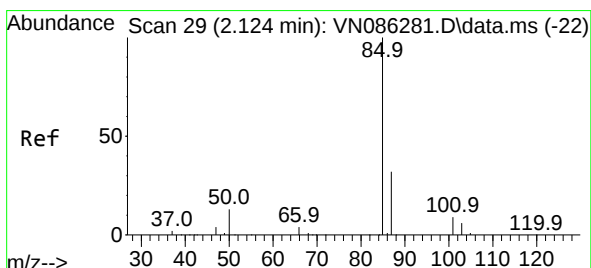
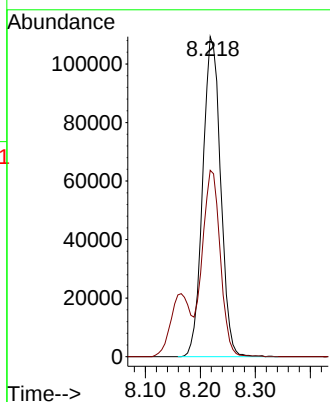
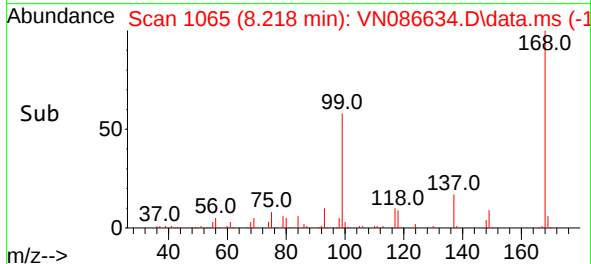
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ClientSampleId :
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Tgt Ion:168 Resp: 247028
Ion Ratio Lower Upper
168 100
99 58.3 52.5 78.7

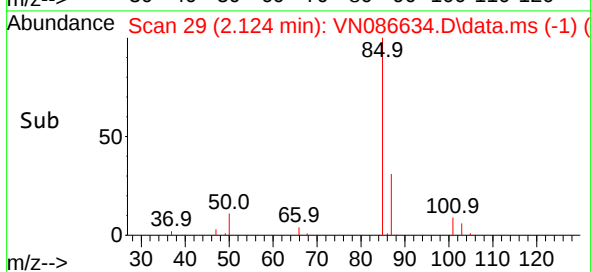
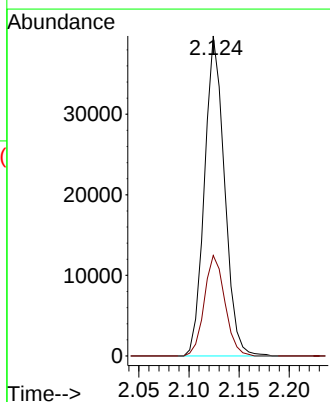
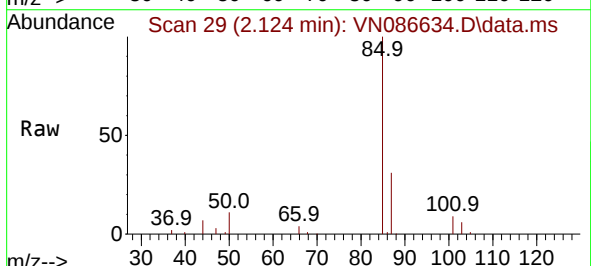
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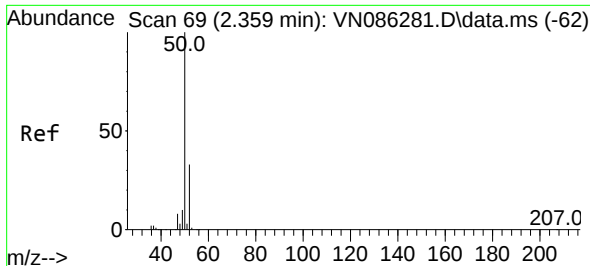
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#2
Dichlorodifluoromethane
Concen: 18.862 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

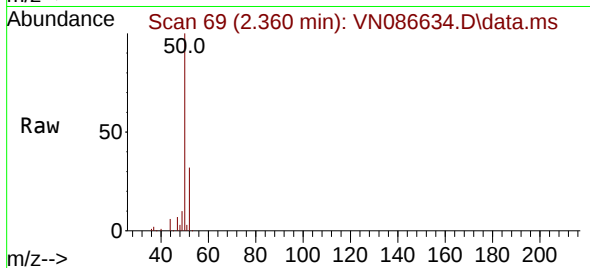
Tgt Ion: 85 Resp: 55234
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.8





#3
Chloromethane
Concen: 15.909 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

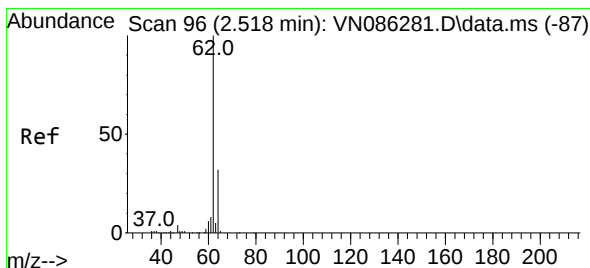
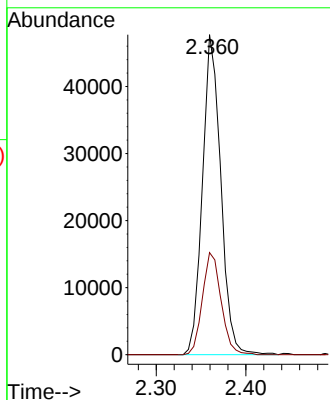
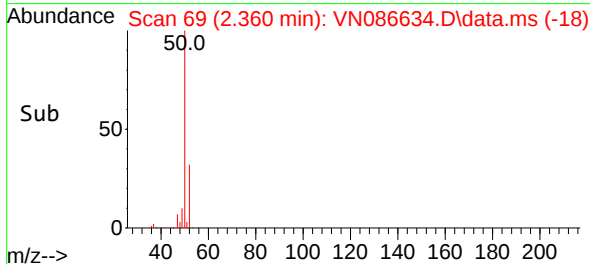
Instrument :
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Tgt Ion: 50 Resp: 6770
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

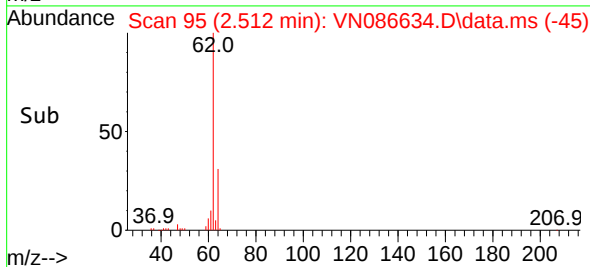
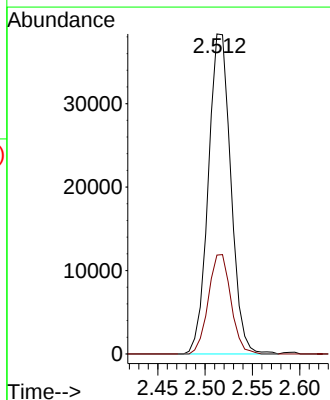
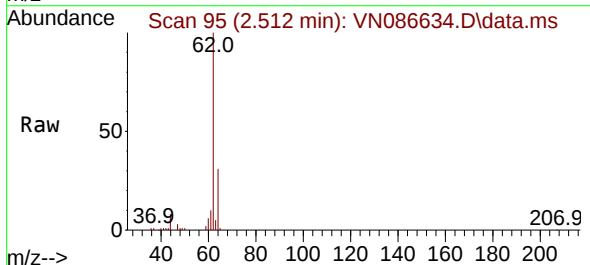
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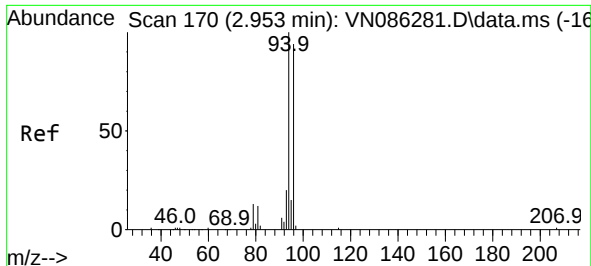
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#4
Vinyl Chloride
Concen: 15.620 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

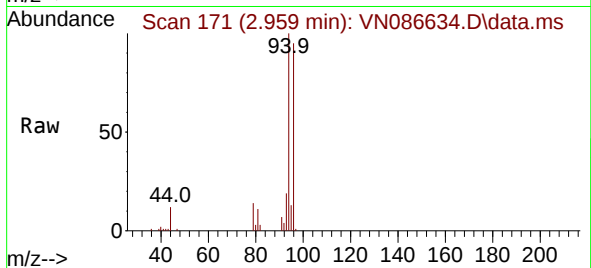
Tgt Ion: 62 Resp: 63439
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4





#5
Bromomethane
Concen: 20.481 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

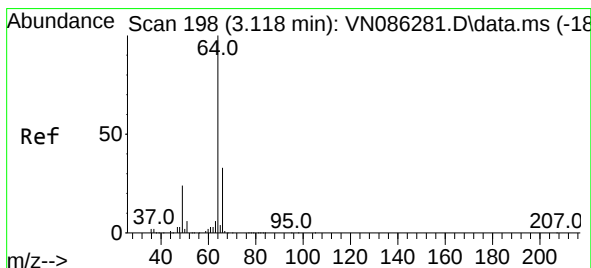
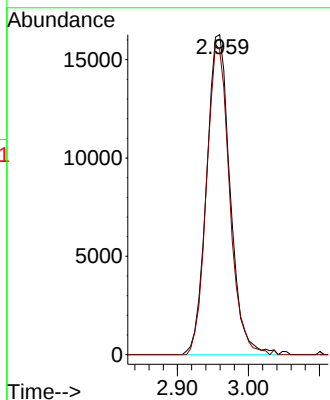
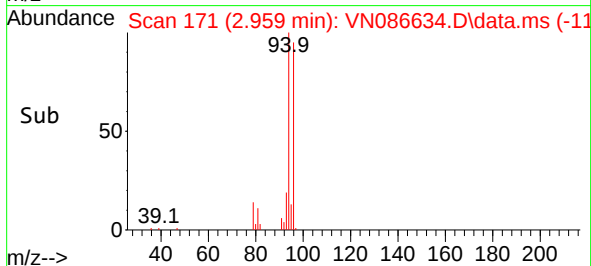
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Tgt Ion: 94 Resp: 37414
Ion Ratio Lower Upper
94 100
96 95.2 75.2 112.8

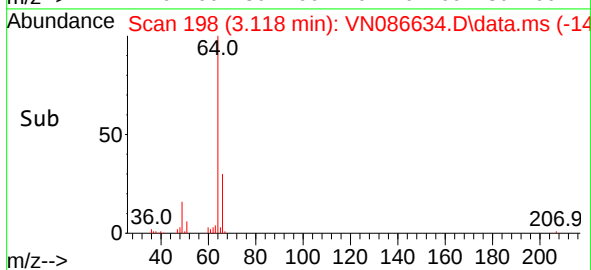
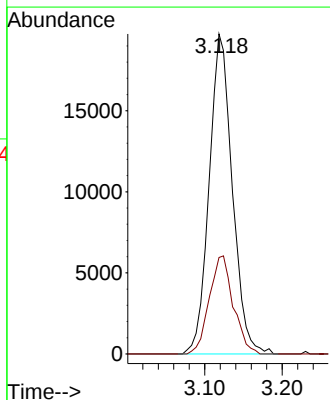
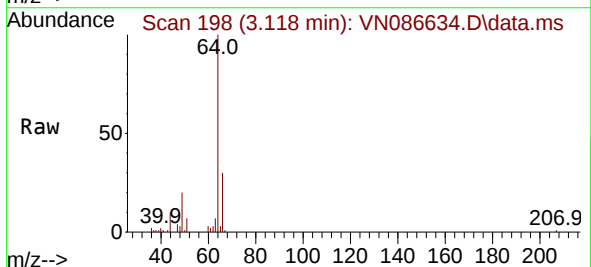
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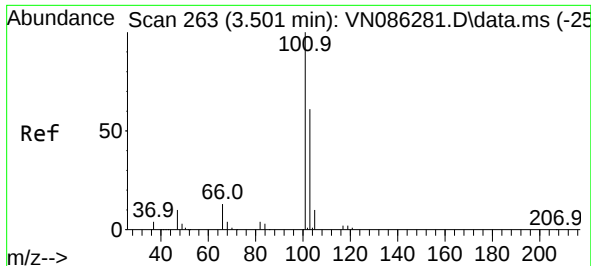
Reviewed By :John Carlone 05/16/2025
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#6
Chloroethane
Concen: 15.059 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

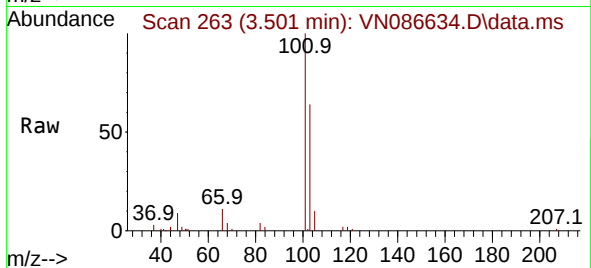
Tgt Ion: 64 Resp: 40931
Ion Ratio Lower Upper
64 100
66 30.1 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 18.680 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36

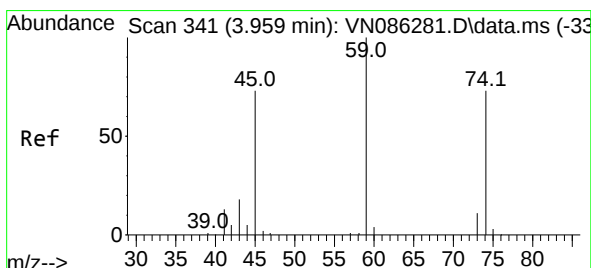
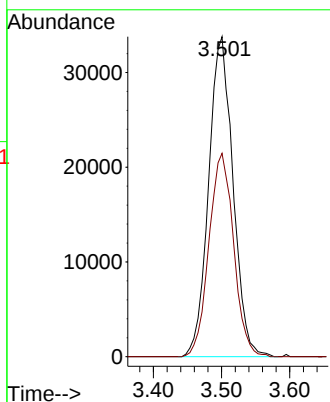
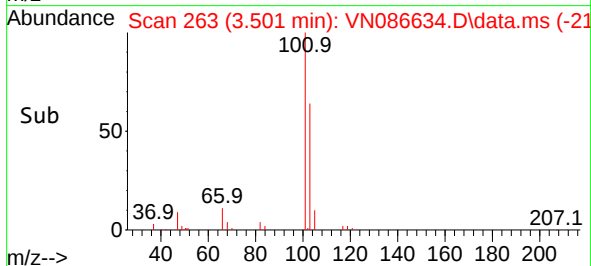
Instrument :
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Tgt Ion:101 Resp: 8403
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.2 73.8

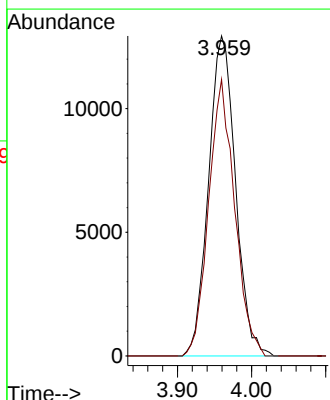
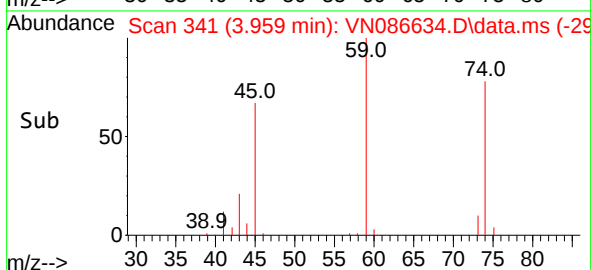
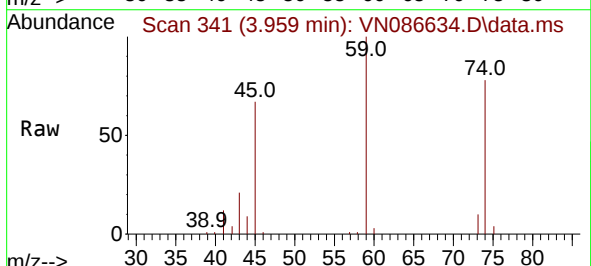
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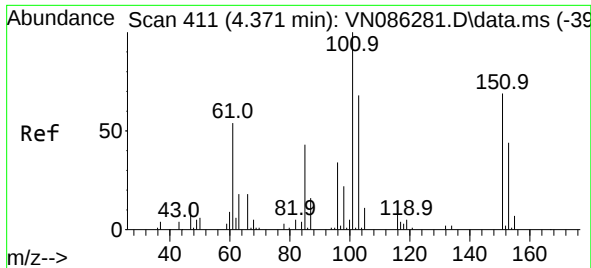
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025



#8
 Diethyl Ether
 Concen: 16.674 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36

Tgt Ion: 74 Resp: 32746
 Ion Ratio Lower Upper
 74 100
 45 83.3 48.0 144.2





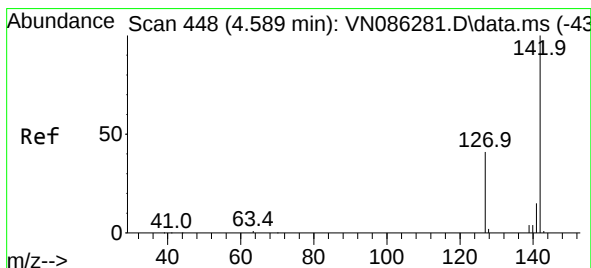
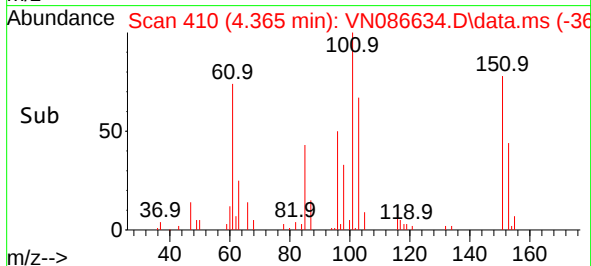
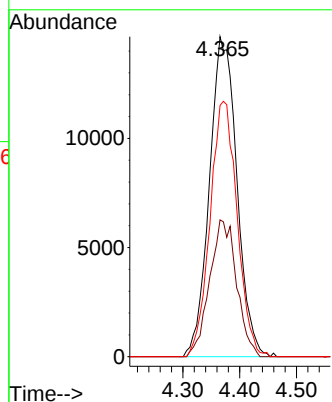
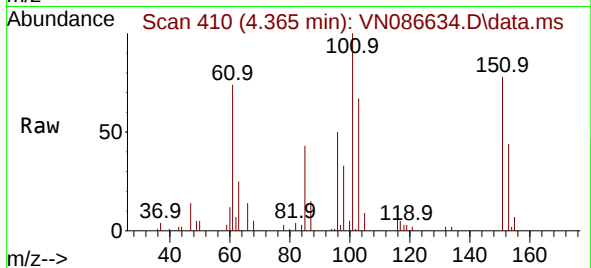
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.099 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion:101 Resp: 4925
Ion Ratio Lower Upper
101 100
85 42.0 34.7 52.1
151 78.5 56.1 84.1

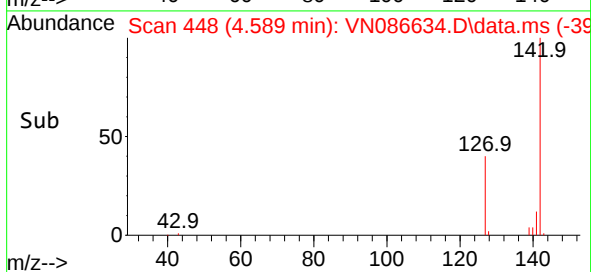
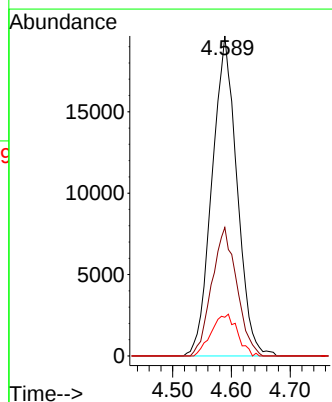
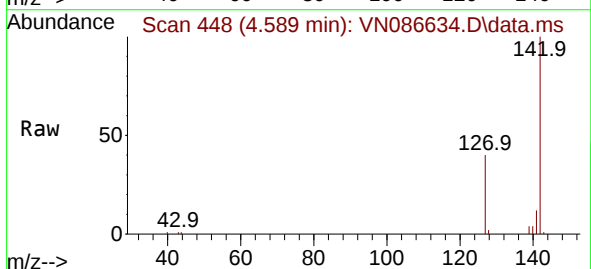
Manual Integrations
APPROVED

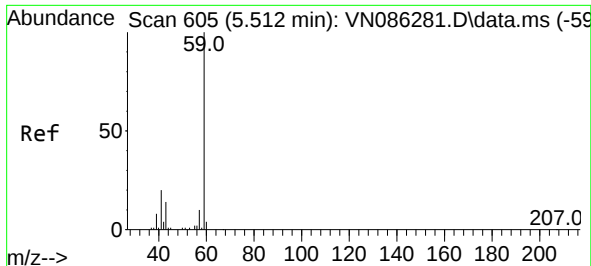
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#10
Methyl Iodide
Concen: 19.339 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

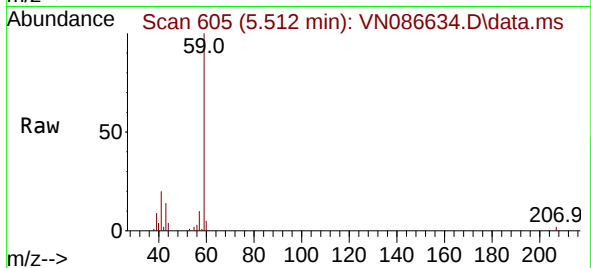
Tgt Ion:142 Resp: 57862
Ion Ratio Lower Upper
142 100
127 40.2 32.7 49.1
141 12.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 79.444 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

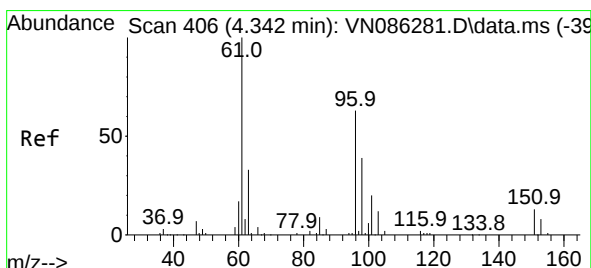
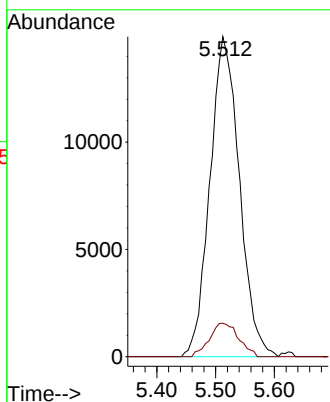
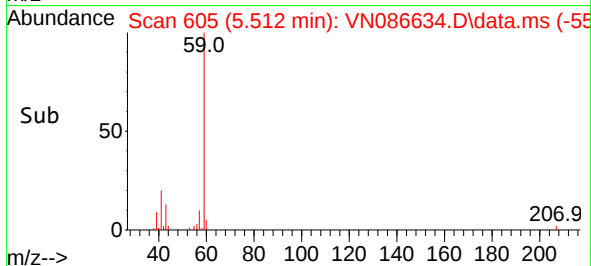
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



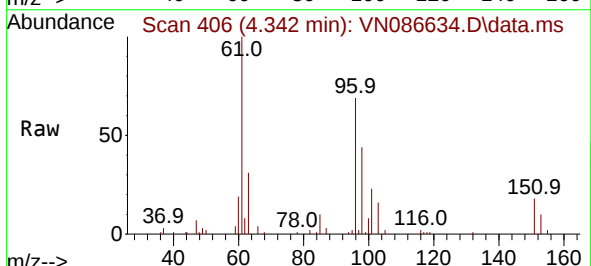
Tgt Ion: 59 Resp: 51924
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

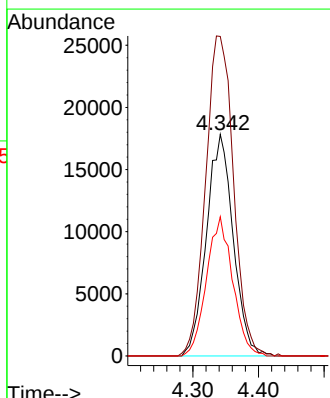
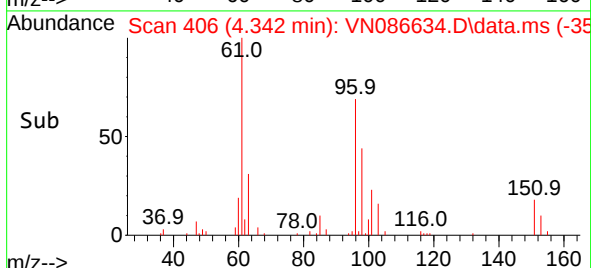
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

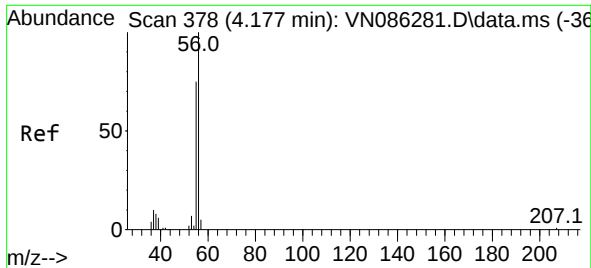


#12
1,1-Dichloroethene
Concen: 17.401 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



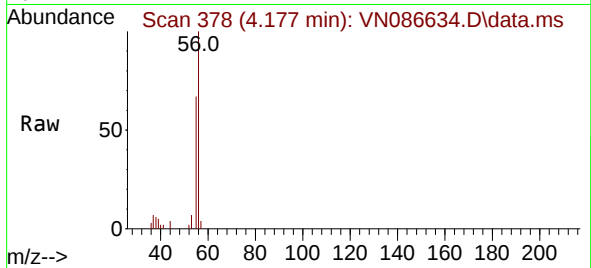
Tgt Ion: 96 Resp: 50593
Ion Ratio Lower Upper
96 100
61 144.2 126.6 189.8
98 62.8 49.6 74.4





#13
Acrolein
Concen: 87.353 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

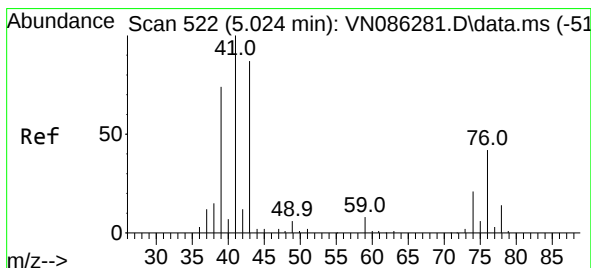
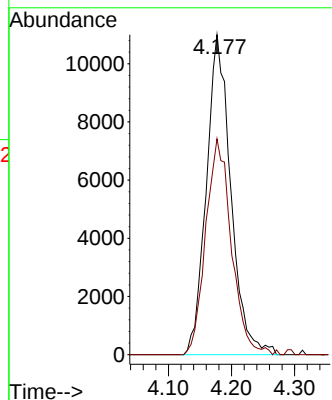
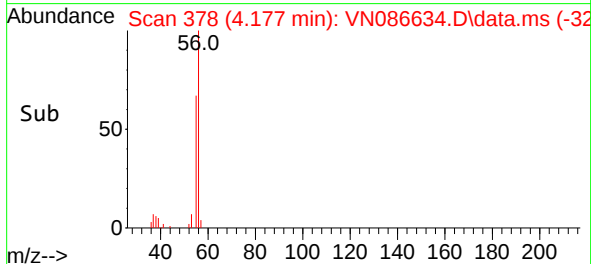
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



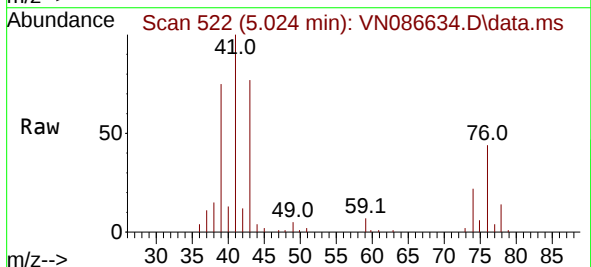
Tgt Ion: 56 Resp: 29614
Ion Ratio Lower Upper
56 100
55 70.8 58.5 87.7

Manual Integrations
APPROVED

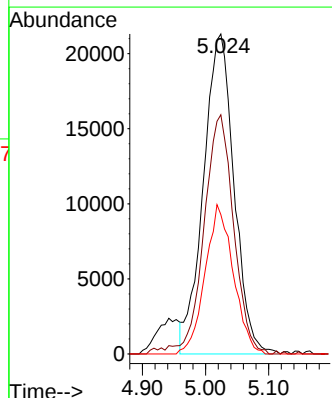
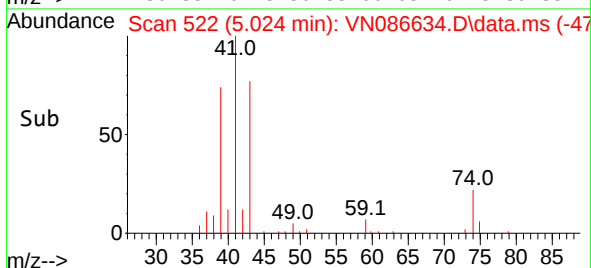
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

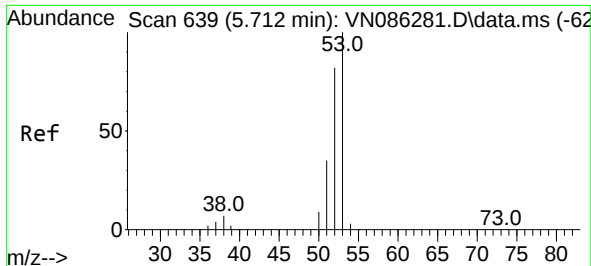


#14
Allyl chloride
Concen: 13.905 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



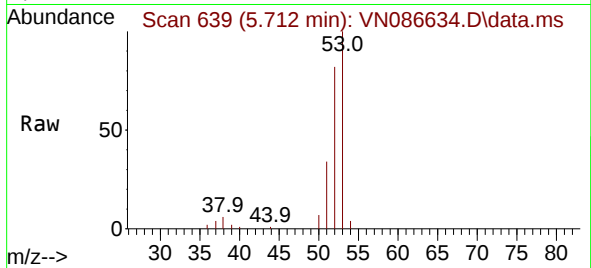
Tgt Ion: 41 Resp: 71868
Ion Ratio Lower Upper
41 100
39 72.5 59.2 88.8
76 42.9 31.2 46.8





#15
Acrylonitrile
Concen: 78.710 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

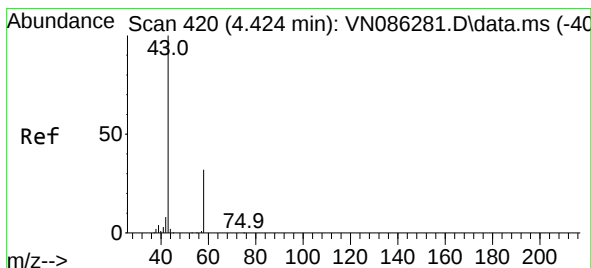
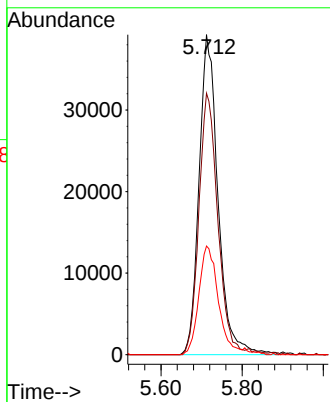
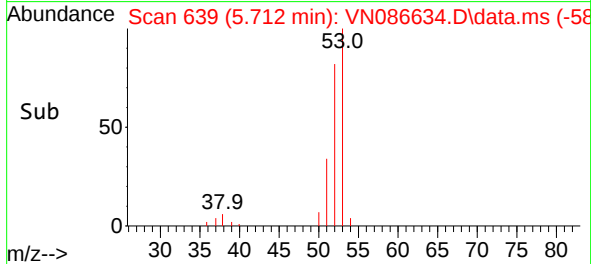
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 53 Resp: 127172
Ion Ratio Lower Upper
53 100
52 81.2 65.5 98.3
51 35.7 28.6 42.8

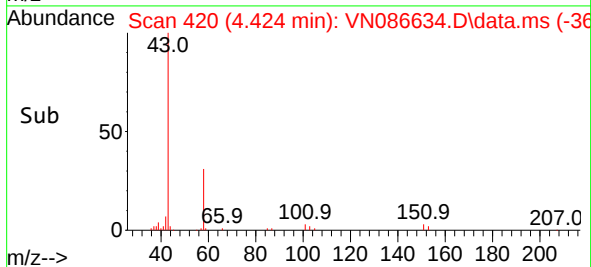
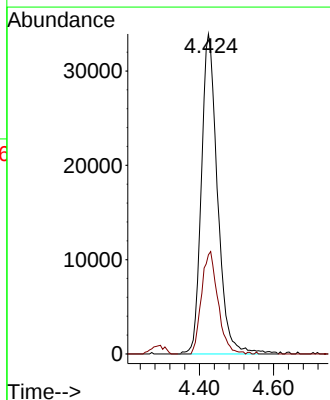
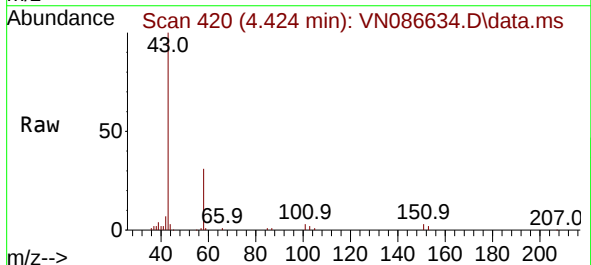
Manual Integrations
APPROVED

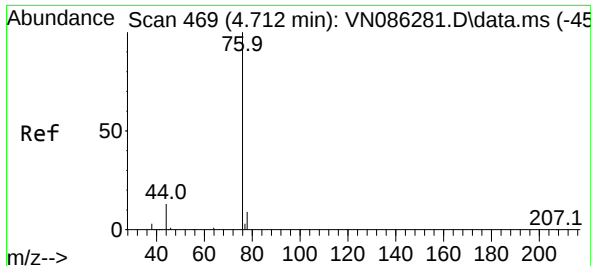
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#16
Acetone
Concen: 79.064 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

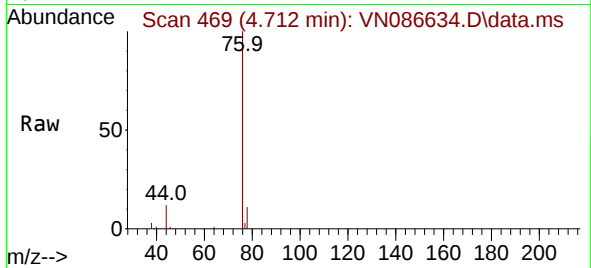
Tgt Ion: 43 Resp: 102753
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9





#17
Carbon Disulfide
Concen: 15.145 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

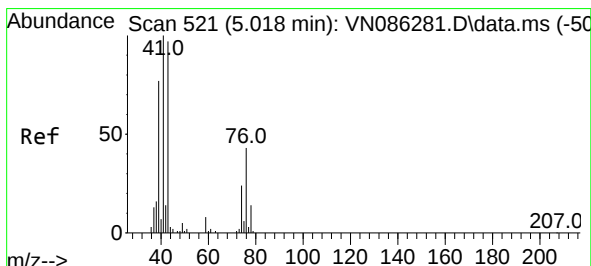
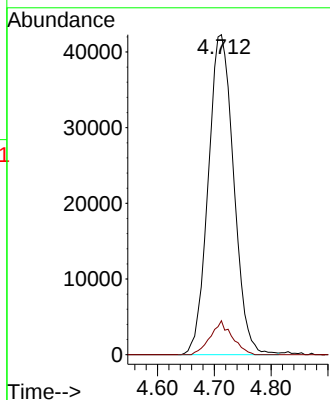
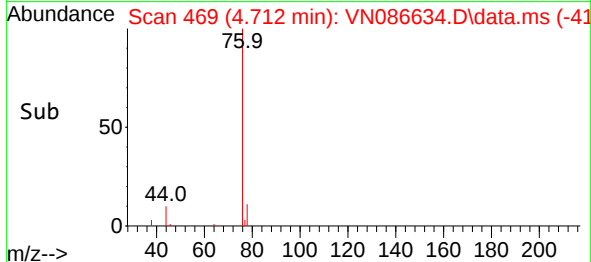
Instrument :
MSVOA_N
Client SampleId :
VN0515WBS01



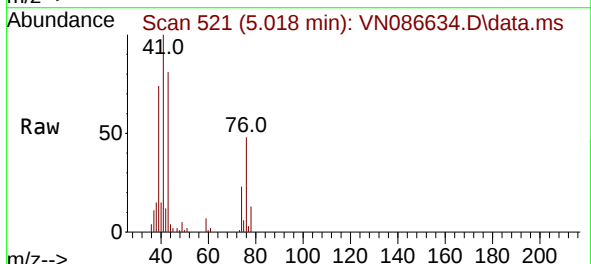
Tgt Ion: 76 Resp: 131844
Ion Ratio Lower Upper
76 100
78 10.6 7.6 11.4

Manual Integrations
APPROVED

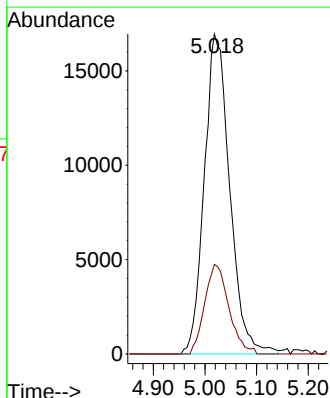
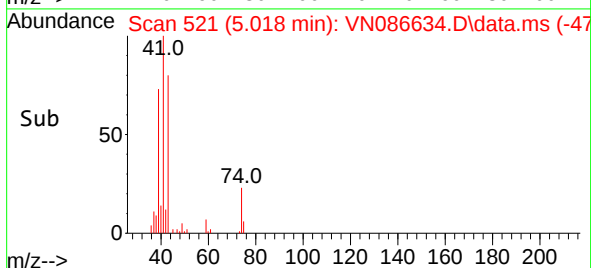
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

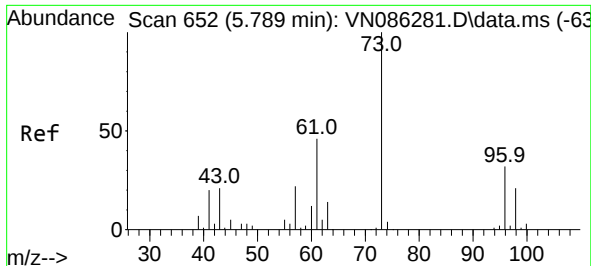


#18
Methyl Acetate
Concen: 13.482 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



Tgt Ion: 43 Resp: 57971
Ion Ratio Lower Upper
43 100
74 26.6 19.8 29.6





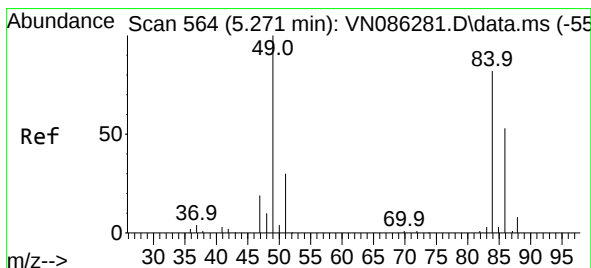
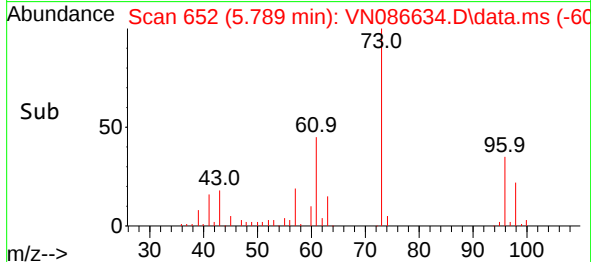
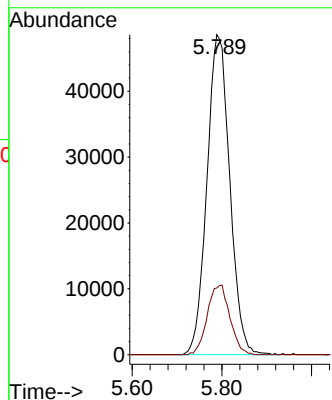
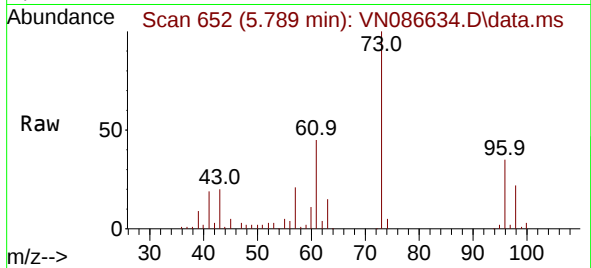
#19
Methyl tert-butyl Ether
Concen: 16.078 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion: 73 Resp: 171830
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

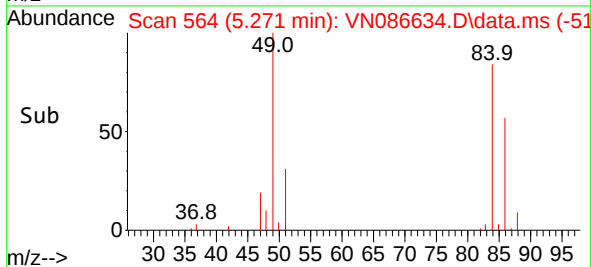
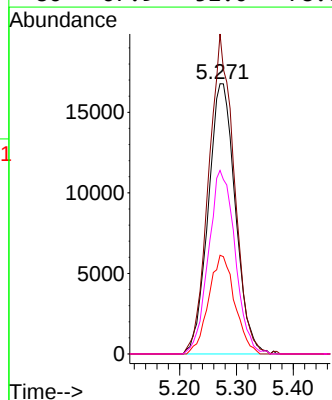
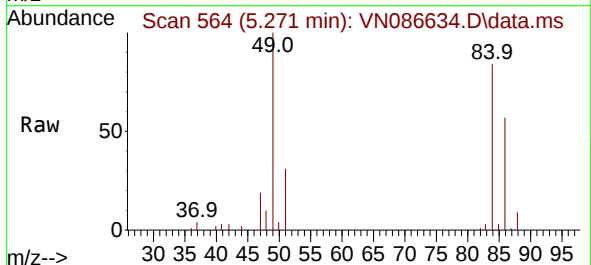
Manual Integrations
APPROVED

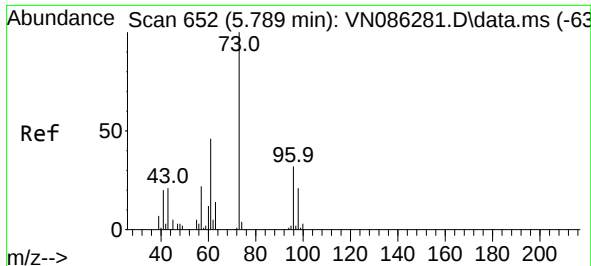
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#20
Methylene Chloride
Concen: 16.778 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

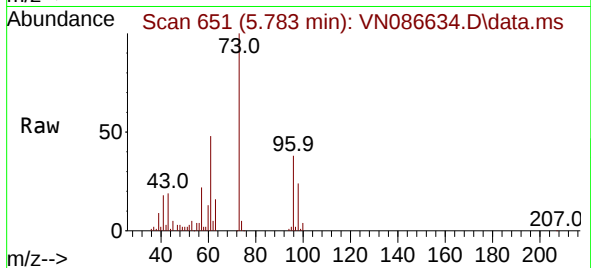
Tgt Ion: 84 Resp: 55563
Ion Ratio Lower Upper
84 100
49 118.4 98.2 147.2
51 36.5 29.8 44.6
86 67.9 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.179 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

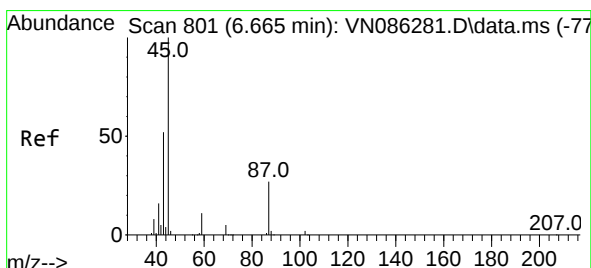
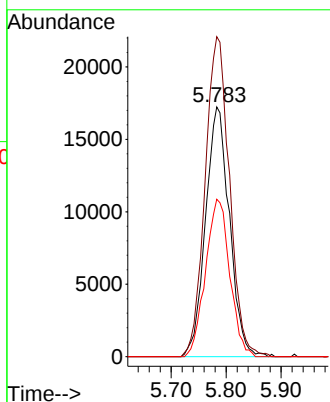
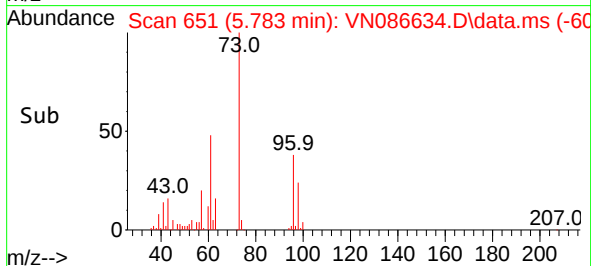
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 96 Resp: 52220
Ion Ratio Lower Upper
96 100
61 128.1 114.6 171.8
98 63.0 51.2 76.8

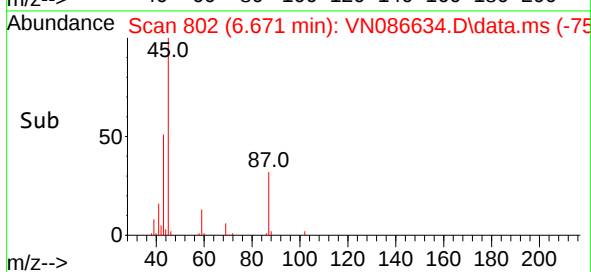
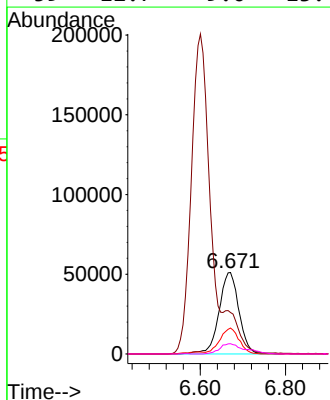
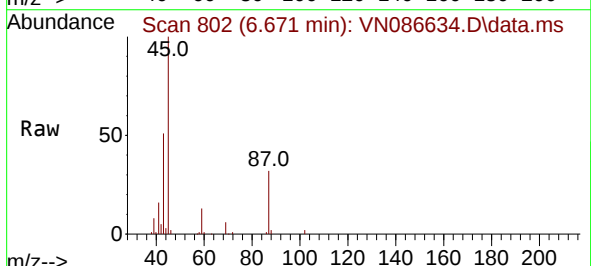
Manual Integrations
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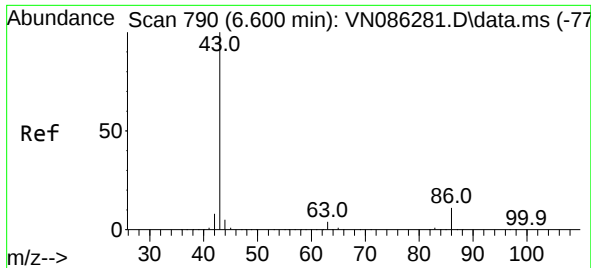
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#22
Diisopropyl ether
Concen: 14.701 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion: 45 Resp: 165297
Ion Ratio Lower Upper
45 100
43 50.2 41.8 62.8
87 31.9 21.6 32.4
59 12.7 9.0 13.4





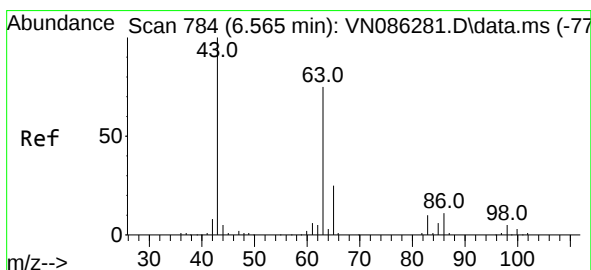
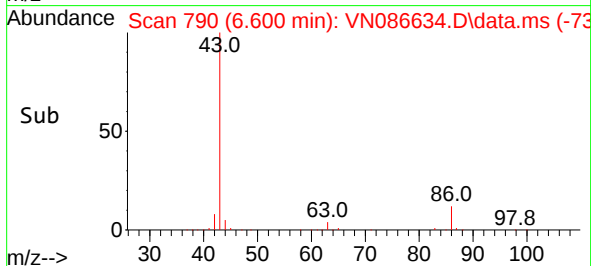
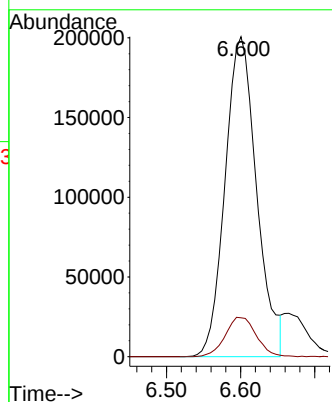
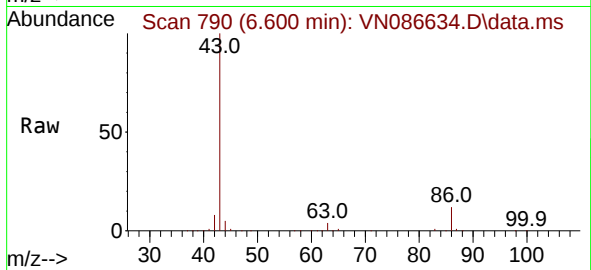
#23
 Vinyl Acetate
 Concen: 75.659 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBS01

Tgt Ion: 43 Resp: 594670
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.6 13.0

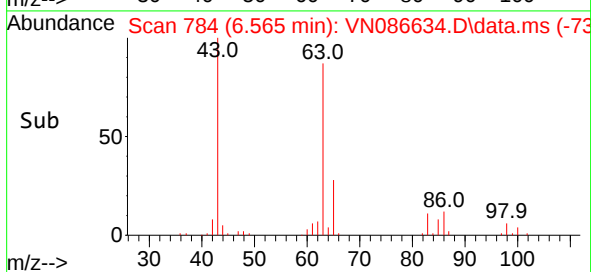
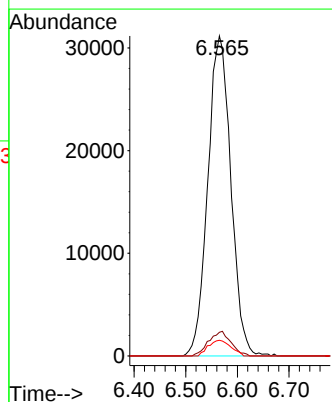
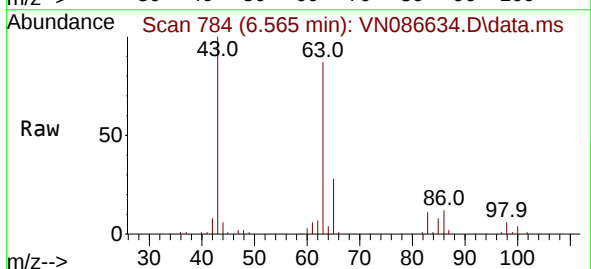
Manual Integrations
 APPROVED

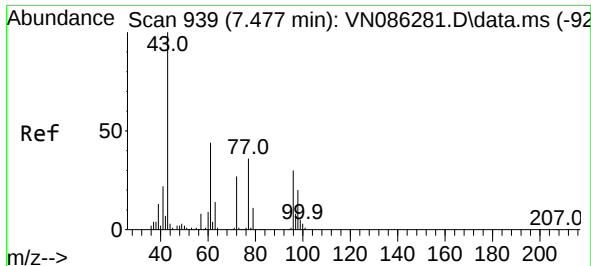
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025



#24
 1,1-Dichloroethane
 Concen: 16.292 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36

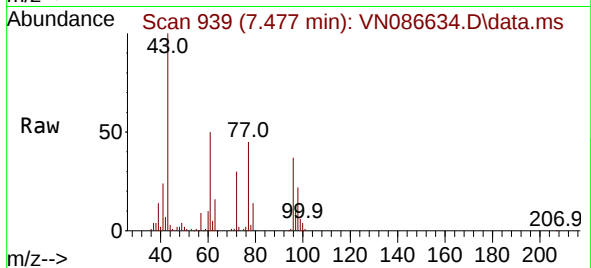
Tgt Ion: 63 Resp: 96650
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.9 2.1 6.5





#25
2-Butanone
Concen: 73.296 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

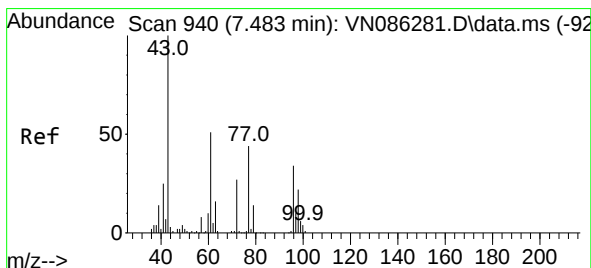
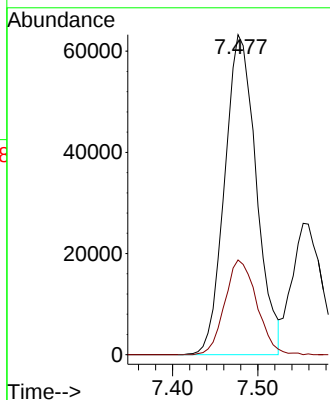
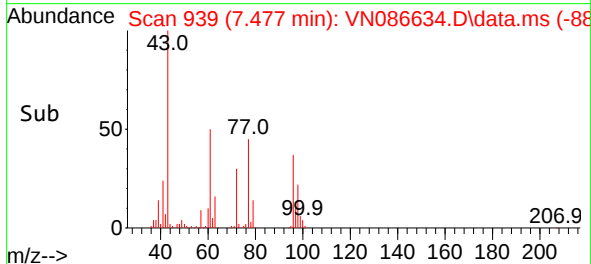
Instrument :
MSVOA_N
Client Sample Id :
VN0515WBS01



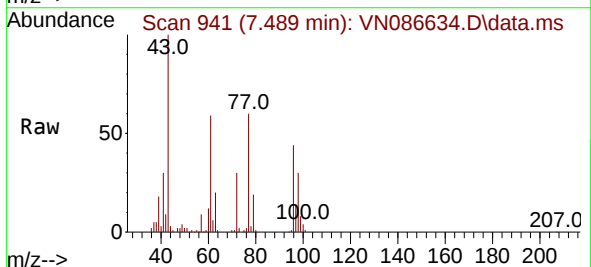
Tgt Ion: 43 Resp: 163428
Ion Ratio Lower Upper
43 100
72 29.6 21.7 32.5

Manual Integrations
APPROVED

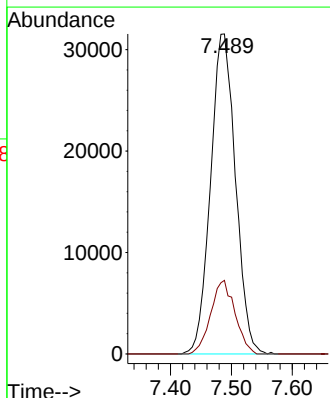
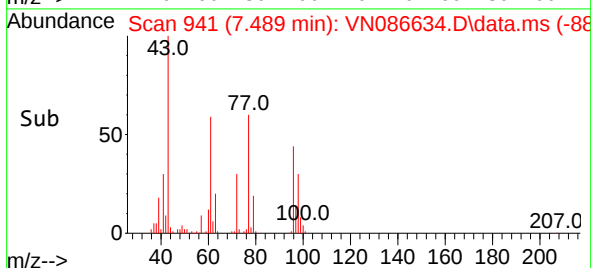
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

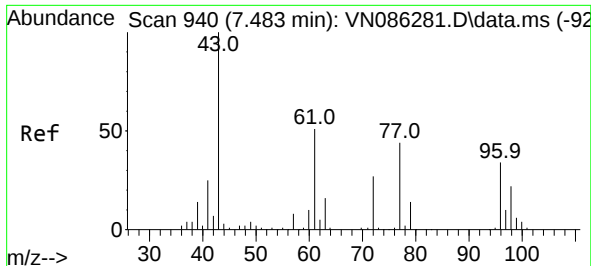


#26
2,2-Dichloropropane
Concen: 16.888 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



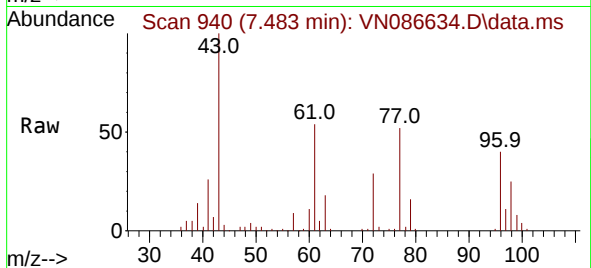
Tgt Ion: 77 Resp: 89702
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 17.239 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36

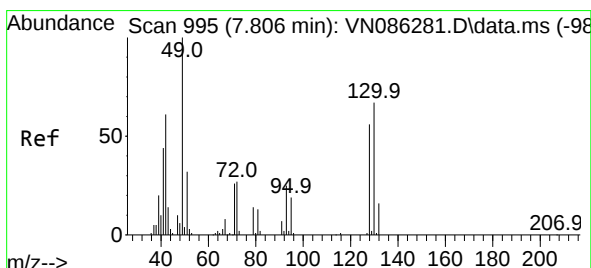
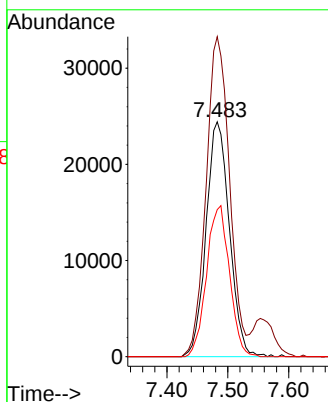
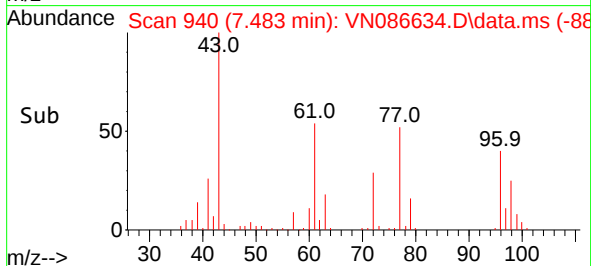
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBS01



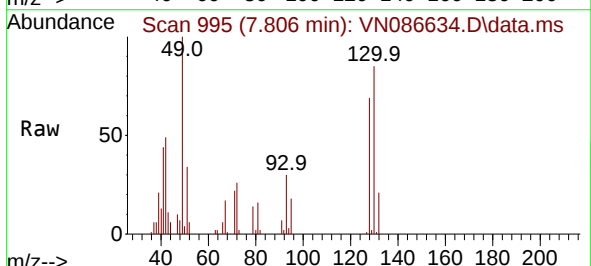
Tgt Ion: 96 Resp: 65038
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 299.0
 98 63.1 0.0 129.6

Manual Integrations
 APPROVED

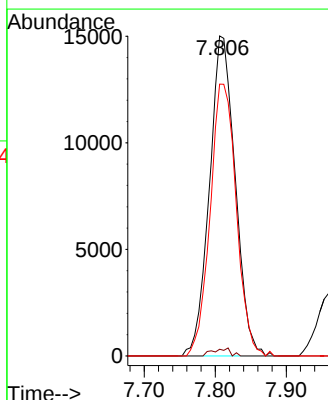
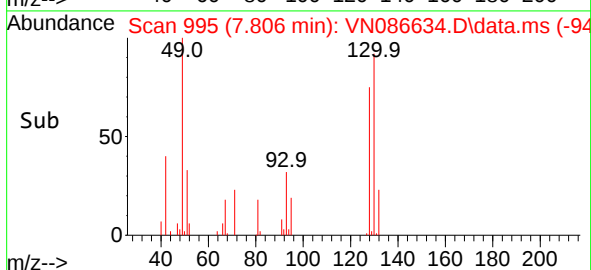
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

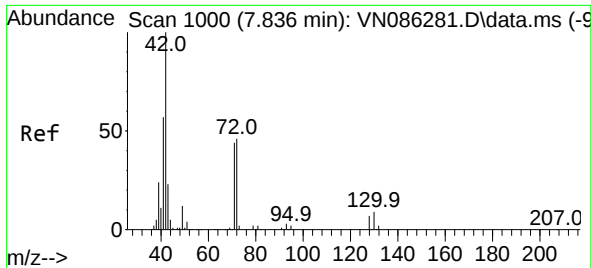


#28
 Bromochloromethane
 Concen: 15.032 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36



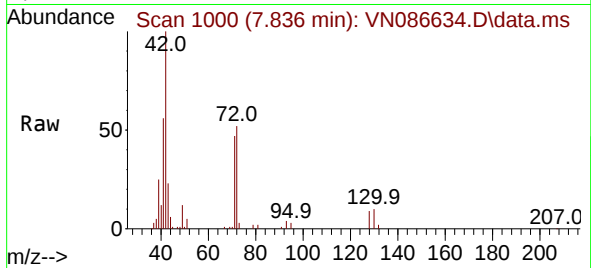
Tgt Ion: 49 Resp: 37811
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 86.2 57.1 85.7#





#29
Tetrahydrofuran
Concen: 72.097 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

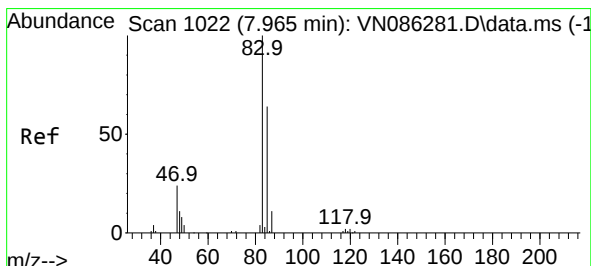
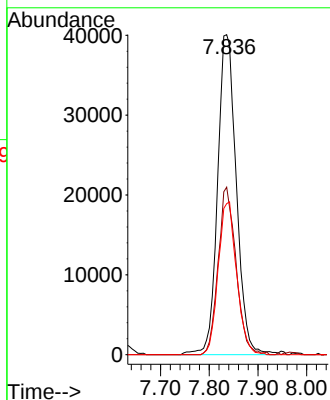
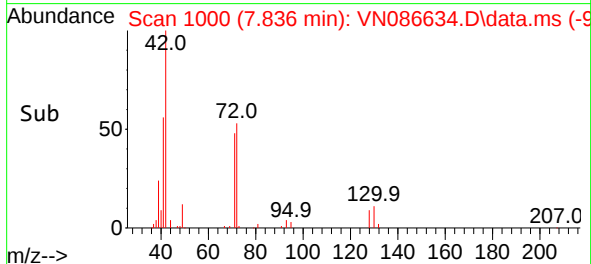
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 42 Resp: 10749
Ion Ratio Lower Upper
42 100
72 49.9 36.2 54.4
71 46.8 34.0 51.0

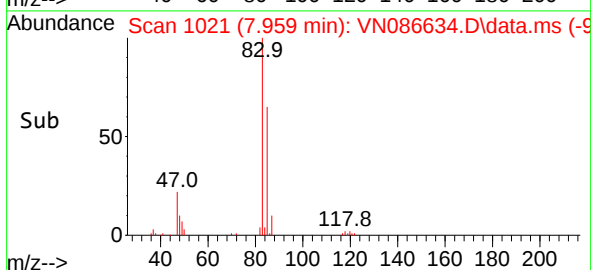
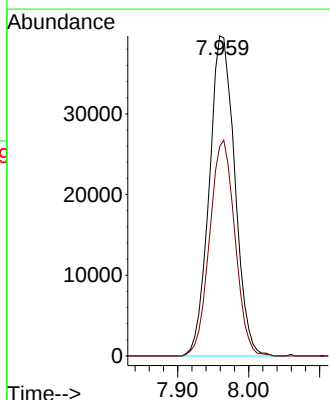
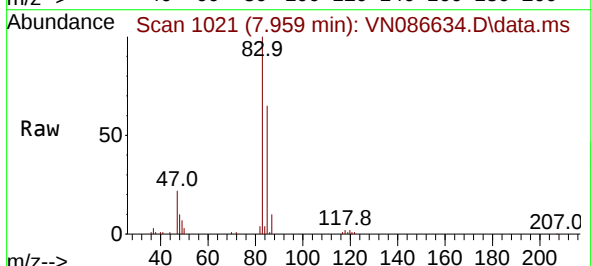
Manual Integrations
APPROVED

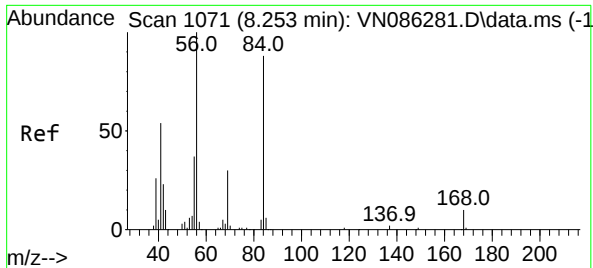
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#30
Chloroform
Concen: 16.991 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

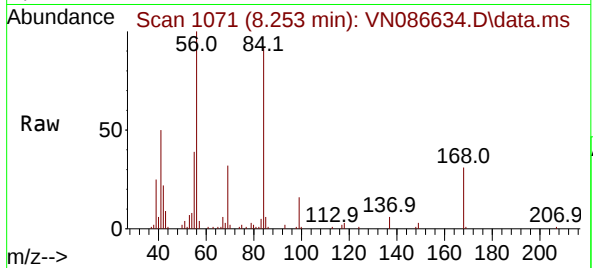
Tgt Ion: 83 Resp: 99016
Ion Ratio Lower Upper
83 100
85 65.5 51.5 77.3





#31
Cyclohexane
Concen: 15.139 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

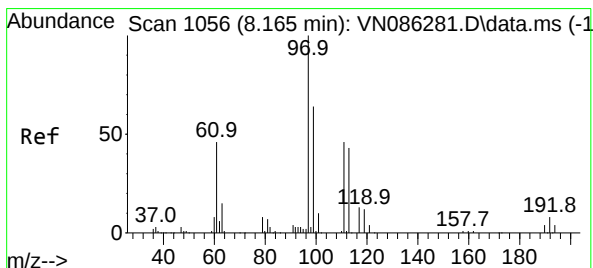
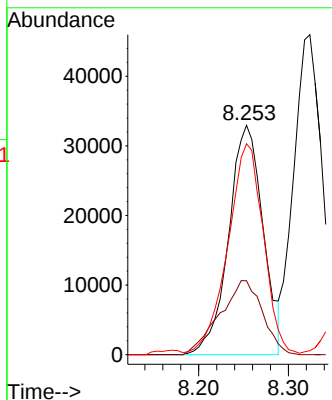
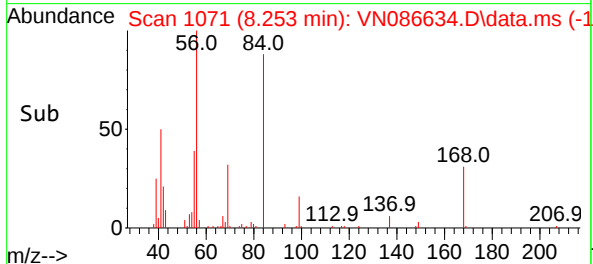
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



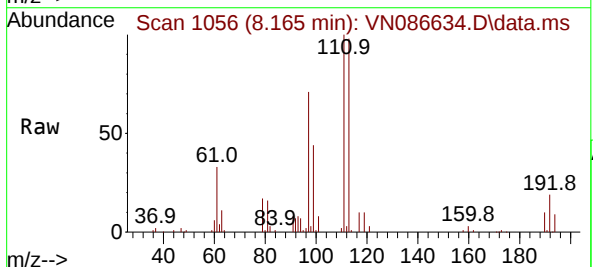
Tgt Ion: 56 Resp: 8788
Ion Ratio Lower Upper
56 100
69 32.2 24.2 36.2
84 90.2 70.3 105.5

Manual Integrations
APPROVED

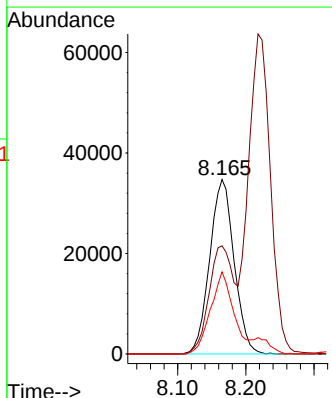
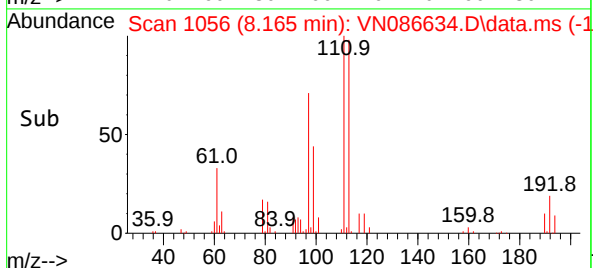
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

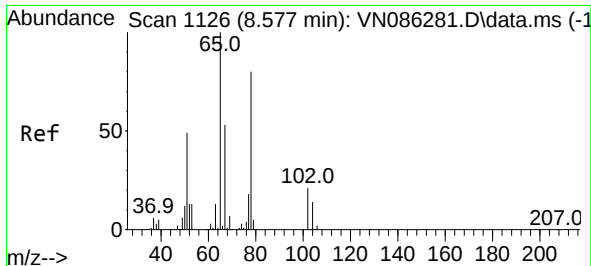


#32
1,1,1-Trichloroethane
Concen: 17.340 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



Tgt Ion: 97 Resp: 86445
Ion Ratio Lower Upper
97 100
99 64.0 52.7 79.1
61 44.9 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 40.419 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086634.D

Acq: 15 May 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBS01

Tgt Ion: 65 Resp: 14478

Ion Ratio Lower Upper

65 100

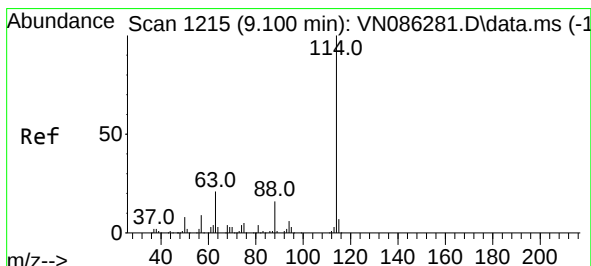
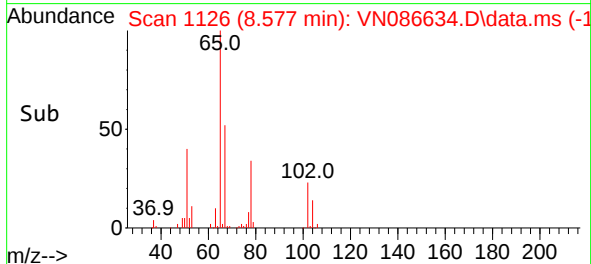
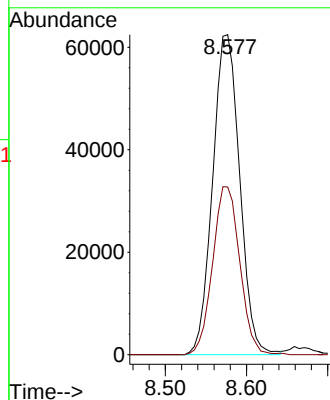
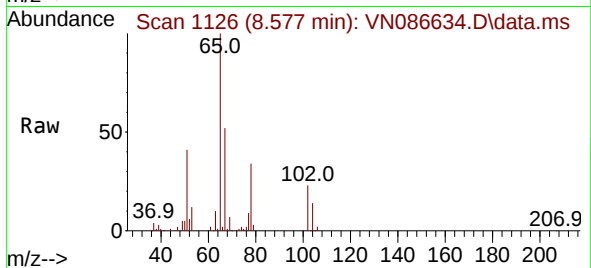
67 52.7 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086634.D

Acq: 15 May 2025 10:36

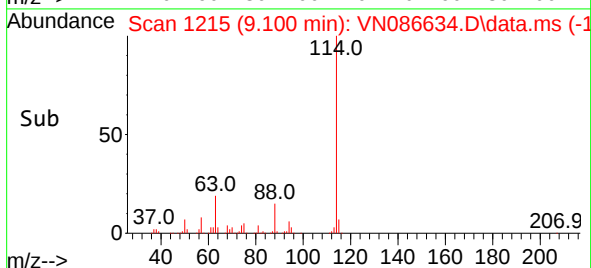
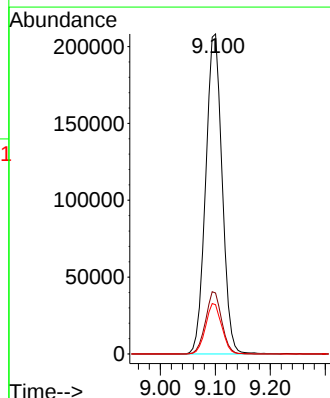
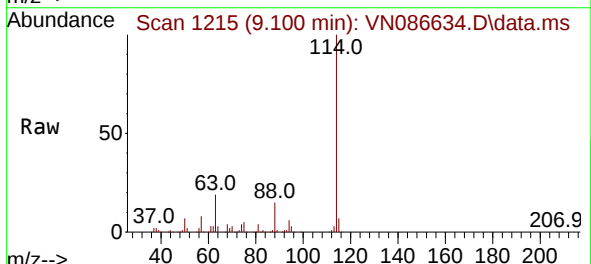
Tgt Ion:114 Resp: 432607

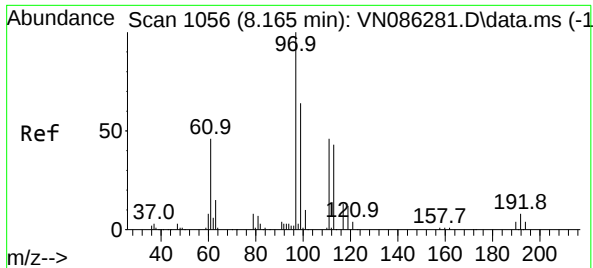
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

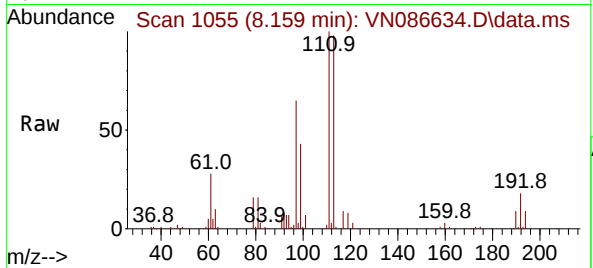
88 15.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 58.241 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

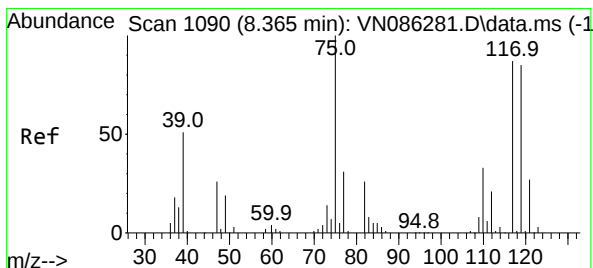
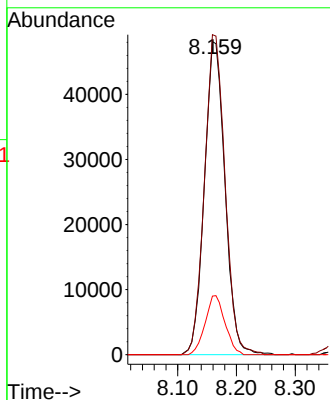
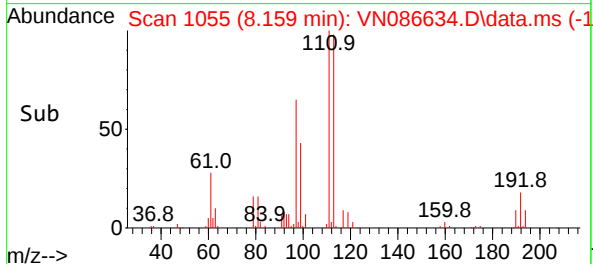
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 113 Resp: 116930
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 18.1 13.7 20.5

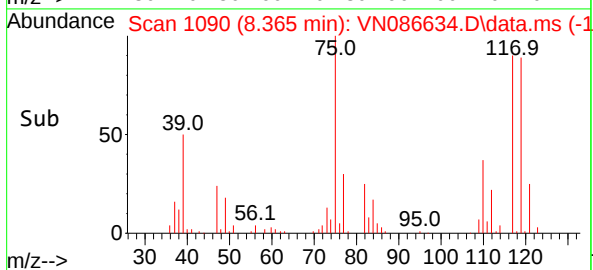
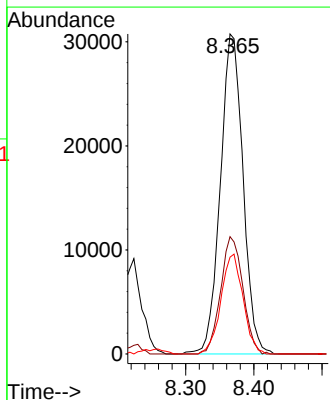
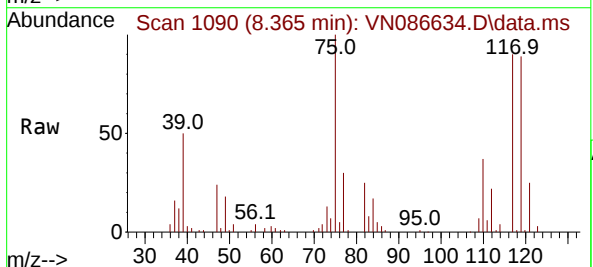
Manual Integrations
APPROVED

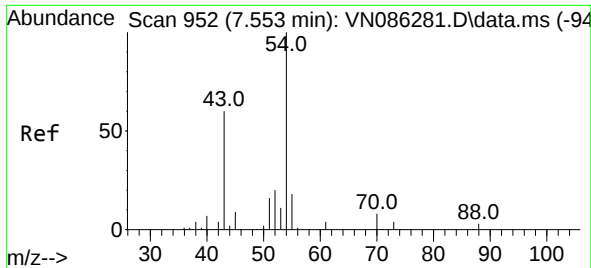
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#36
1,1-Dichloropropene
Concen: 17.761 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion: 75 Resp: 71224
Ion Ratio Lower Upper
75 100
110 35.9 16.8 50.4
77 30.4 24.9 37.3





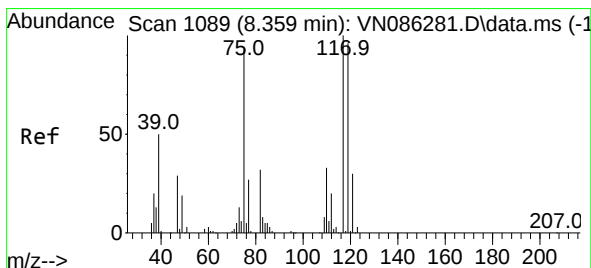
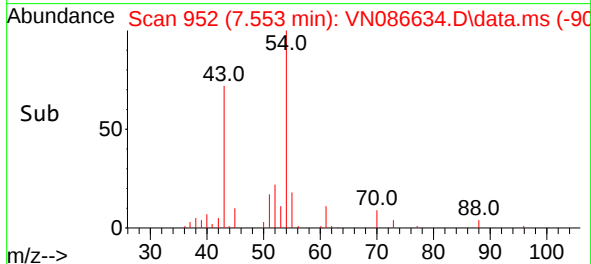
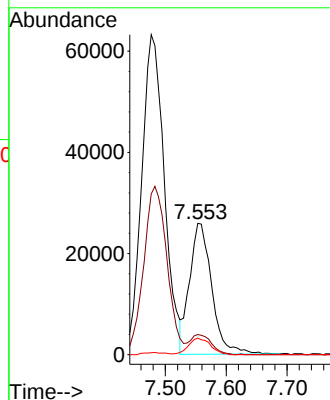
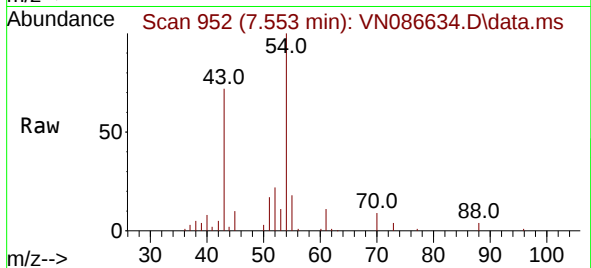
#37
Ethyl Acetate
Concen: 15.521 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion: 43 Resp: 65528
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 12.5 9.2 13.8

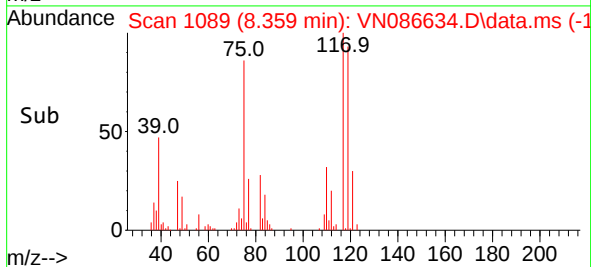
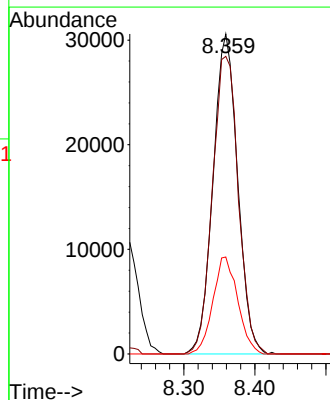
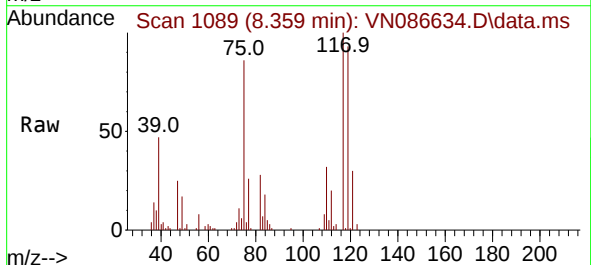
Manual Integrations
APPROVED

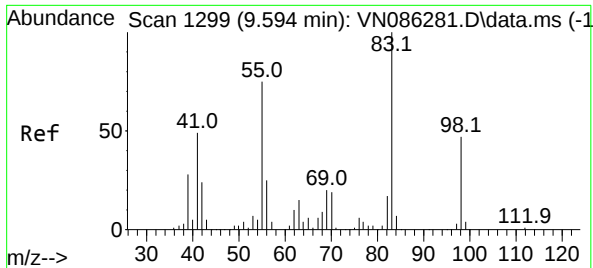
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#38
Carbon Tetrachloride
Concen: 19.211 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion:117 Resp: 73368
Ion Ratio Lower Upper
117 100
119 93.0 76.8 115.2
121 30.3 23.8 35.8





#39

Methylcyclohexane

Concen: 16.711 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086634.D

Acq: 15 May 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBS01

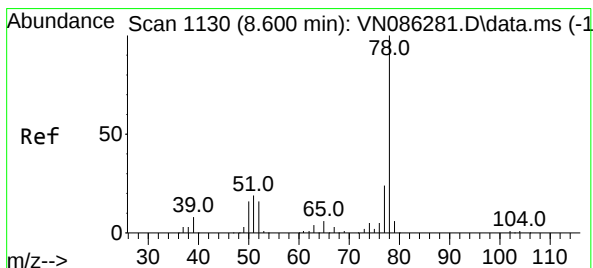
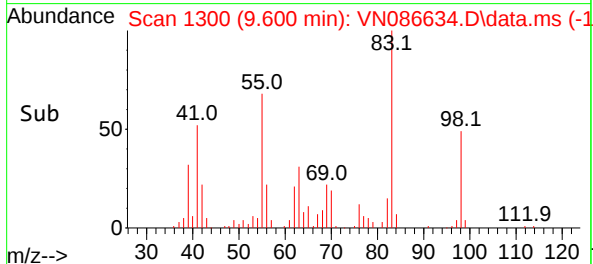
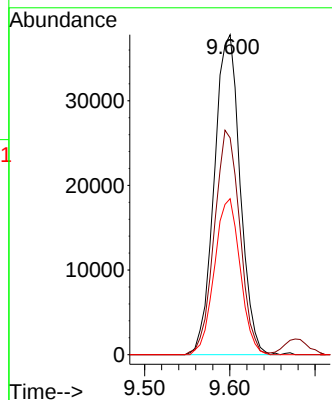
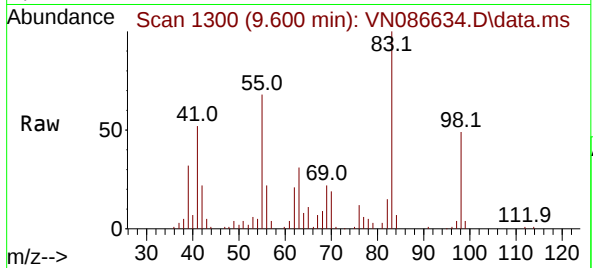
Tgt Ion: 83 Resp: 79650
 Ion Ratio Lower Upper
 83 100
 55 67.8 59.8 89.8
 98 48.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#40

Benzene

Concen: 17.590 ug/l

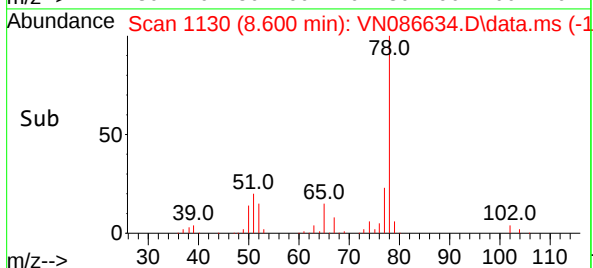
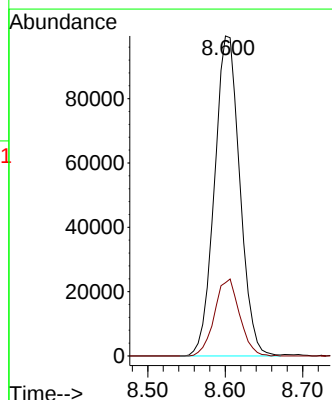
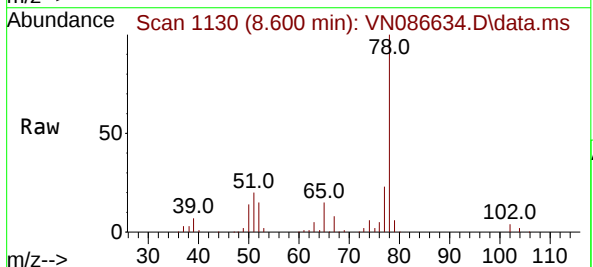
RT: 8.600 min Scan# 1130

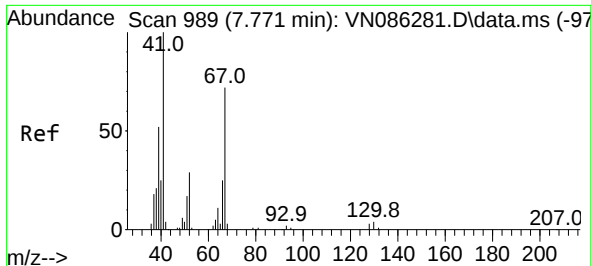
Delta R.T. 0.000 min

Lab File: VN086634.D

Acq: 15 May 2025 10:36

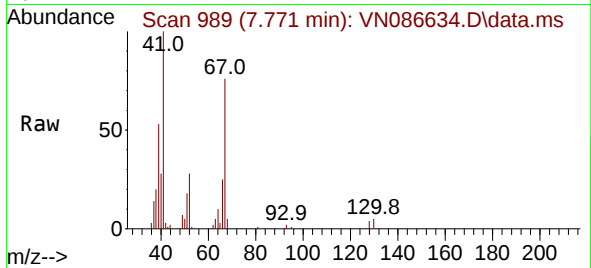
Tgt Ion: 78 Resp: 226002
 Ion Ratio Lower Upper
 78 100
 77 22.9 19.4 29.2





#41
Methacrylonitrile
Concen: 14.640 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

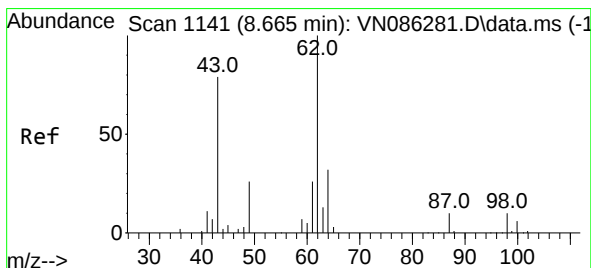
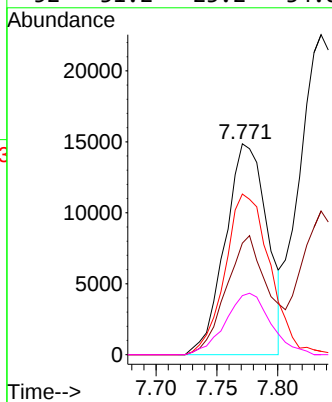
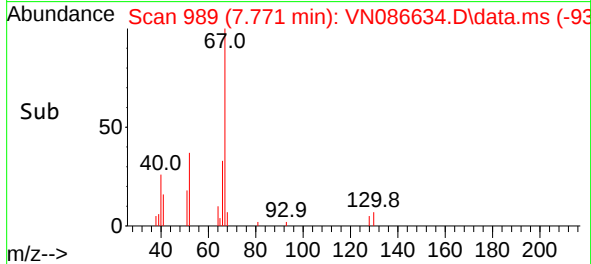
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 41 Resp: 3582
Ion Ratio Lower Upper
41 100
39 57.0 43.0 64.4
67 81.5 58.8 88.2
52 31.2 23.2 34.8

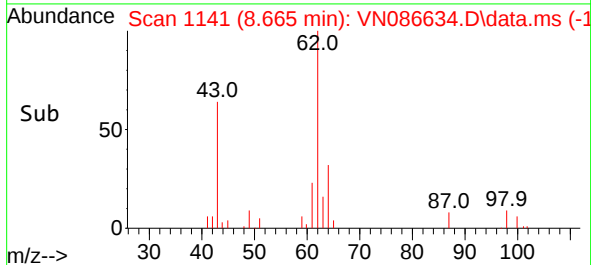
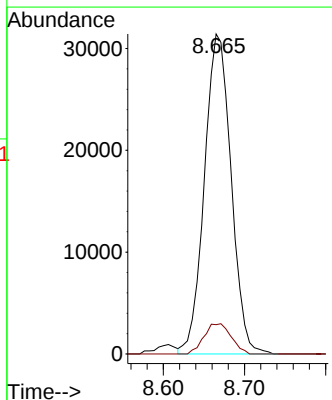
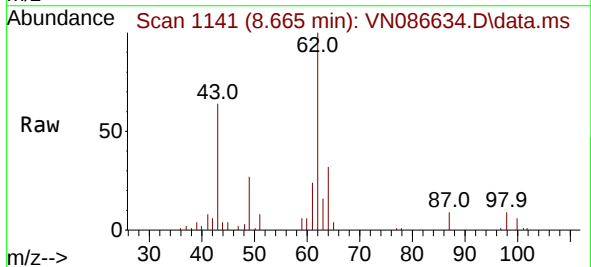
Manual Integrations
APPROVED

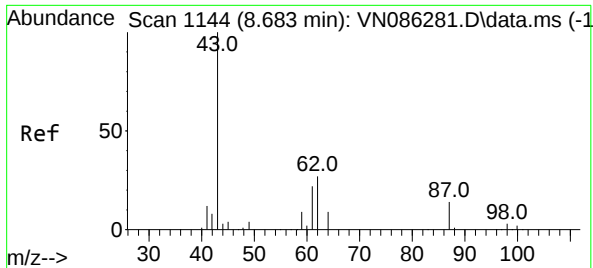
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#42
1,2-Dichloroethane
Concen: 17.536 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

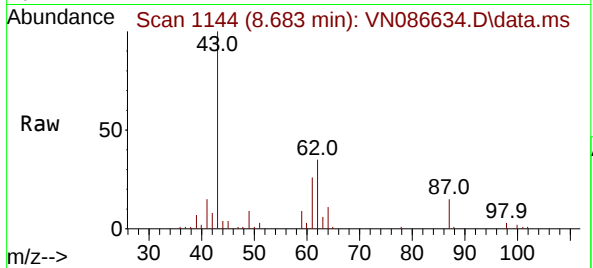
Tgt Ion: 62 Resp: 71849
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43
Isopropyl Acetate
Concen: 14.447 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

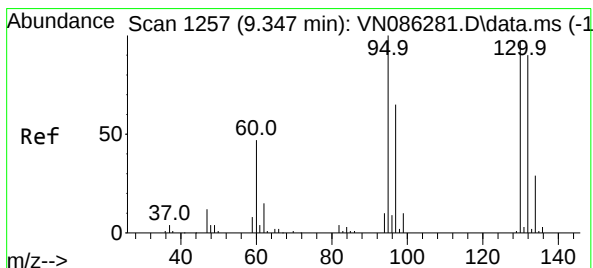
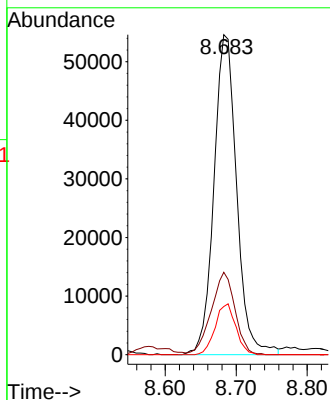
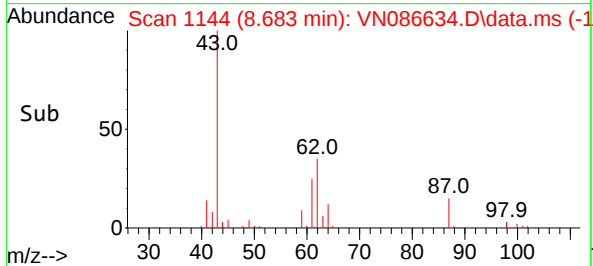
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 43 Resp: 12128
Ion Ratio Lower Upper
43 100
61 26.9 20.5 30.7
87 14.4 10.5 15.7

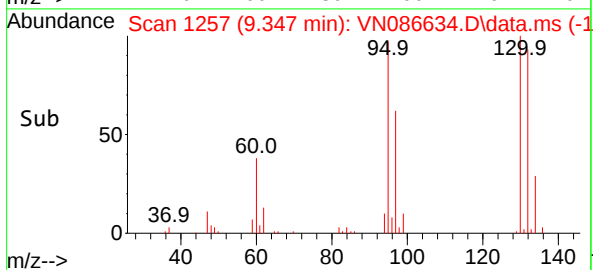
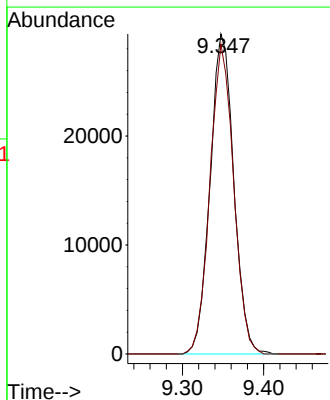
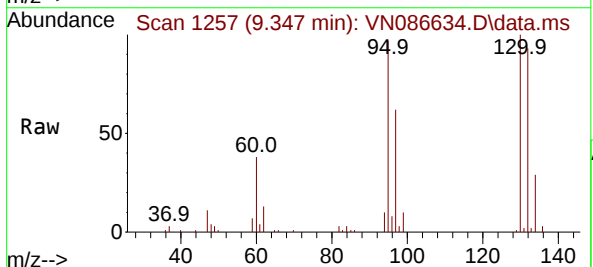
Manual Integrations
APPROVED

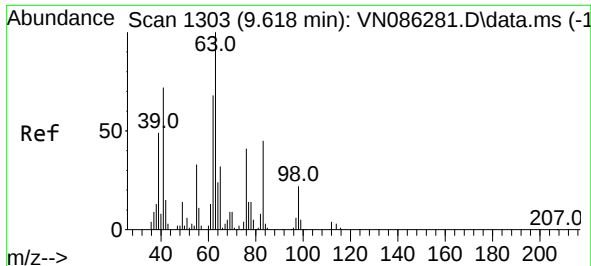
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#44
Trichloroethene
Concen: 19.555 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

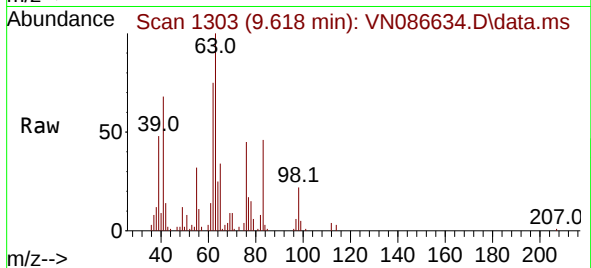
Tgt Ion:130 Resp: 59552
Ion Ratio Lower Upper
130 100
95 96.8 0.0 207.2





#45
1,2-Dichloropropane
Concen: 16.796 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

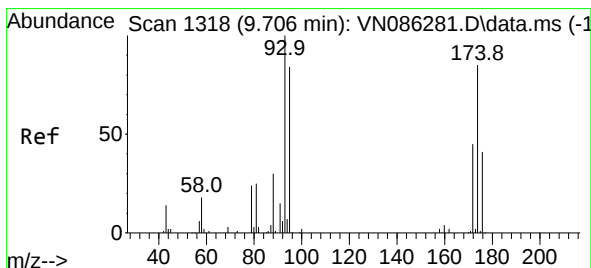
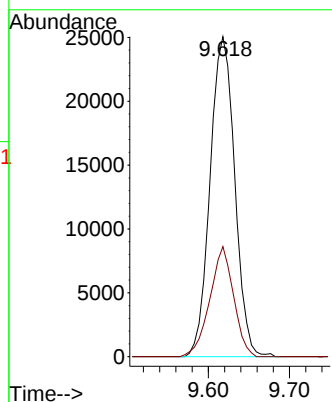
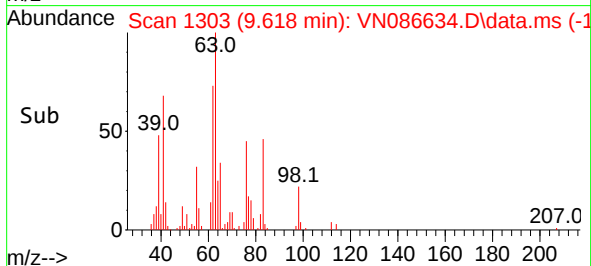
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 63 Resp: 5282
Ion Ratio Lower Upper
63 100
65 34.4 25.4 38.2

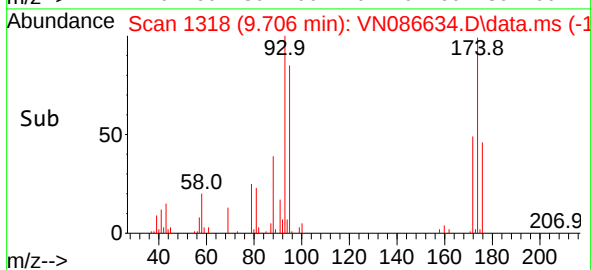
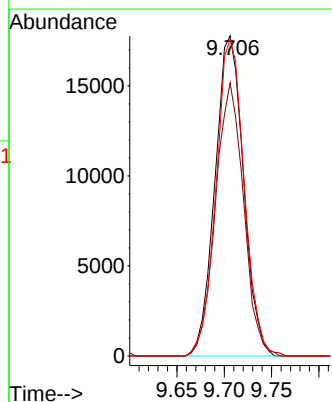
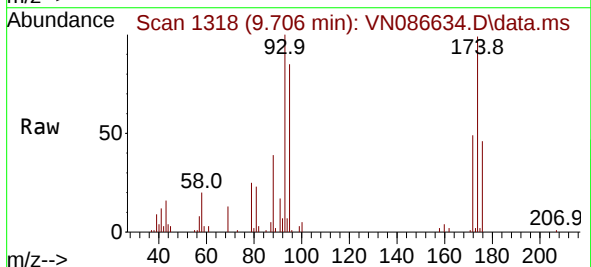
Manual Integrations
APPROVED

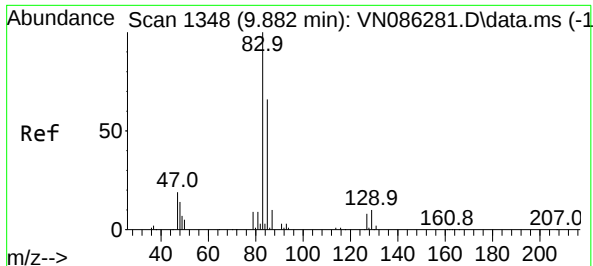
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#46
Dibromomethane
Concen: 18.546 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

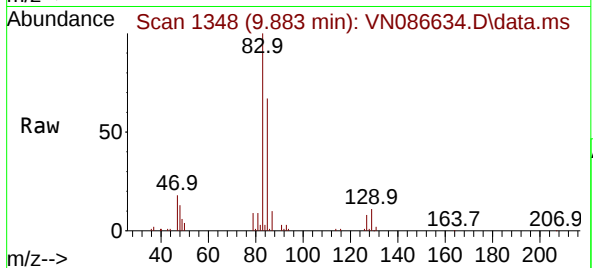
Tgt Ion: 93 Resp: 37165
Ion Ratio Lower Upper
93 100
95 84.2 66.2 99.4
174 97.7 67.8 101.6





#47
Bromodichloromethane
Concen: 17.707 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

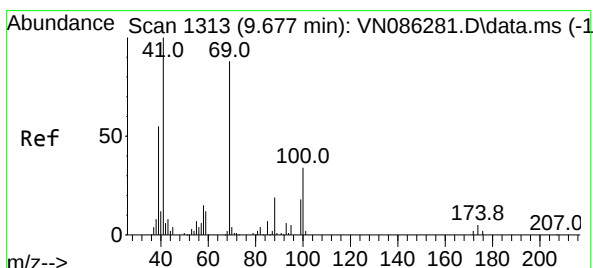
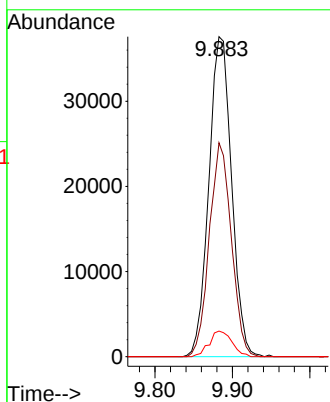
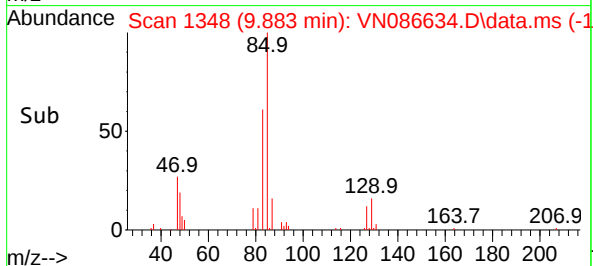
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



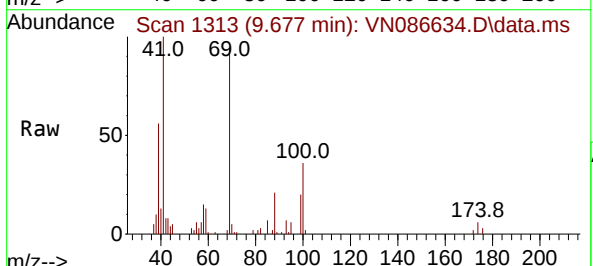
Tgt Ion: 83 Resp: 7663
Ion Ratio Lower Upper
83 100
85 66.8 52.6 78.8
127 8.0 6.1 9.1

Manual Integrations
APPROVED

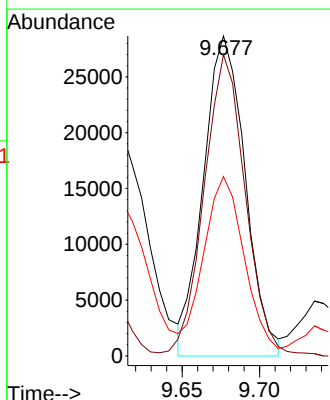
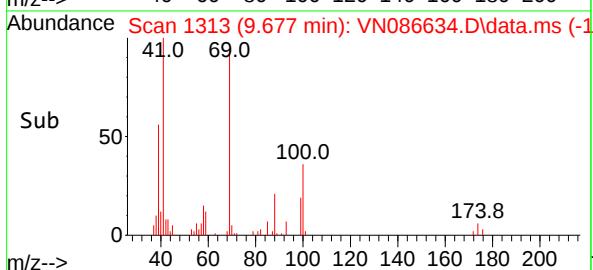
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

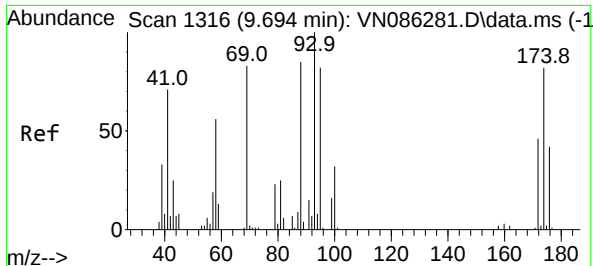


#48
Methyl methacrylate
Concen: 14.460 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



Tgt Ion: 41 Resp: 53613
Ion Ratio Lower Upper
41 100
69 93.3 68.2 102.2
39 55.4 45.2 67.8





#49

1,4-Dioxane

Concen: 382.254 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086634.D

Acq: 15 May 2025 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBS01

Tgt Ion: 88 Resp: 2410

Ion Ratio Lower Upper

88 100

43 26.4 23.8 35.8

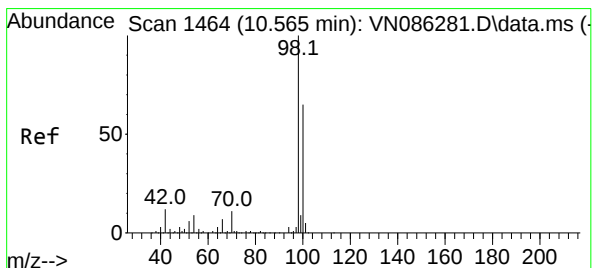
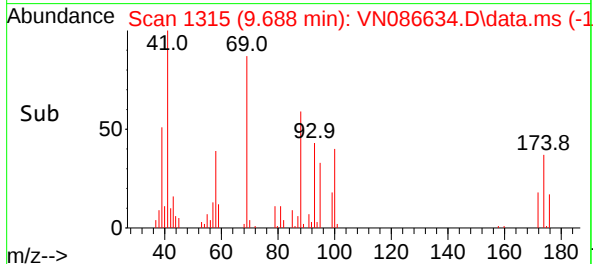
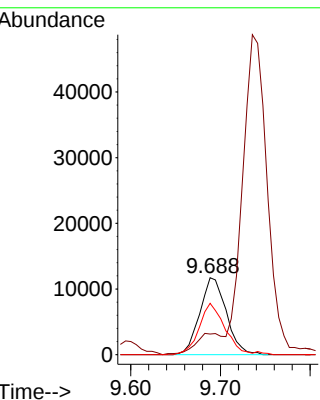
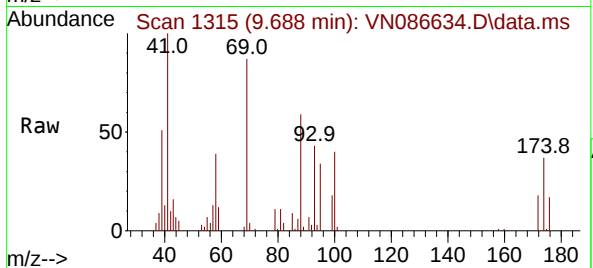
58 64.2 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#50

Toluene-d8

Concen: 43.982 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086634.D

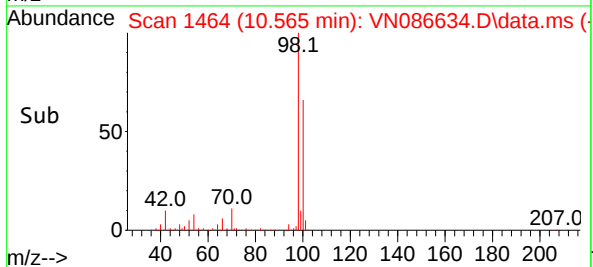
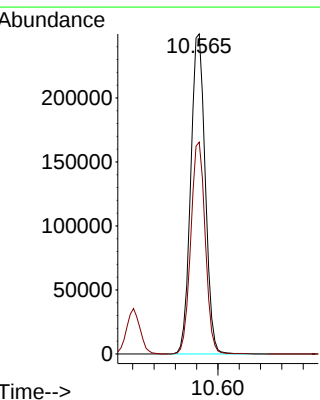
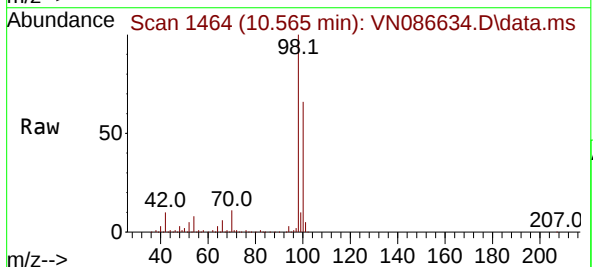
Acq: 15 May 2025 10:36

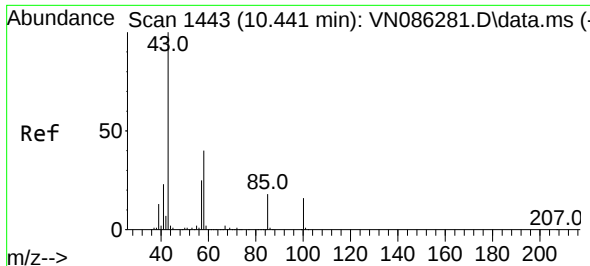
Tgt Ion: 98 Resp: 471952

Ion Ratio Lower Upper

98 100

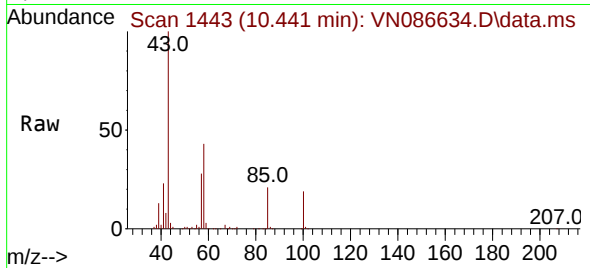
100 66.0 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 77.837 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

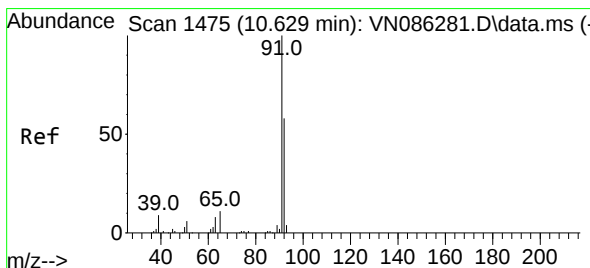
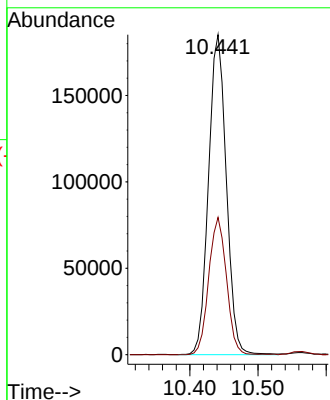
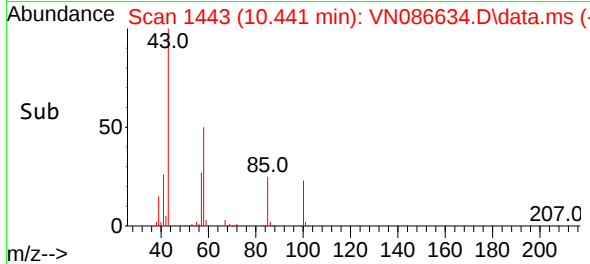
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 43 Resp: 336511
Ion Ratio Lower Upper
43 100
58 42.8 32.2 48.4

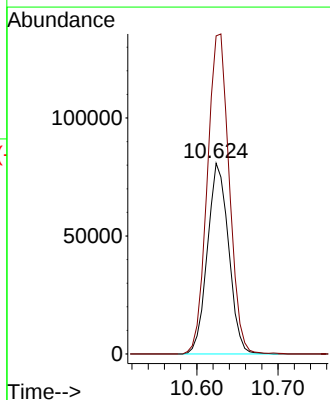
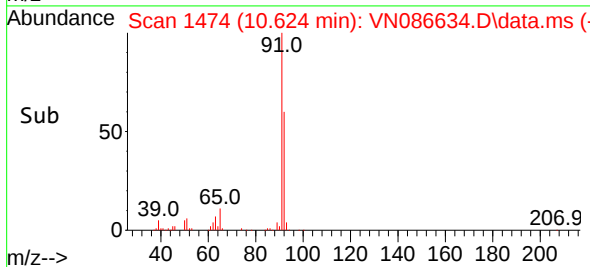
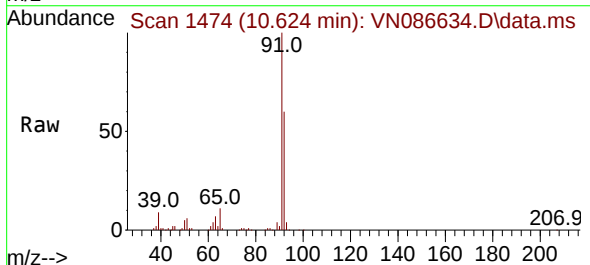
Manual Integrations
APPROVED

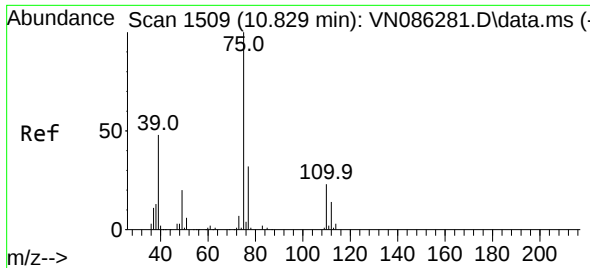
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#52
Toluene
Concen: 18.283 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion: 92 Resp: 146575
Ion Ratio Lower Upper
92 100
91 173.1 137.3 205.9





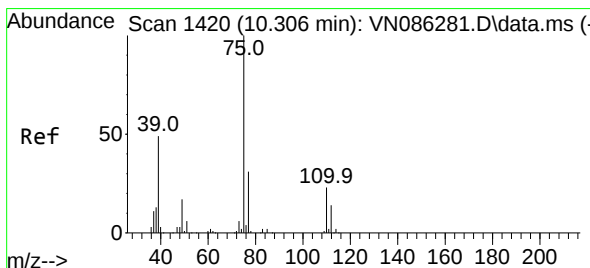
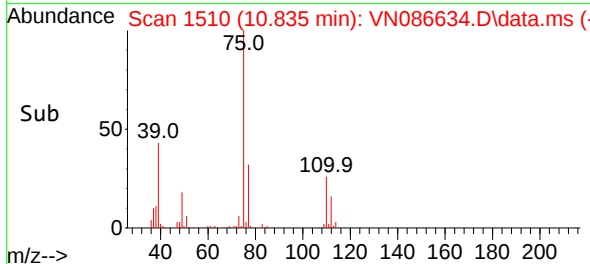
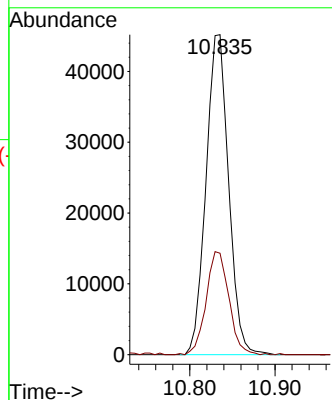
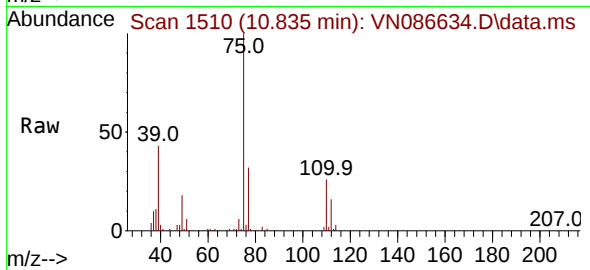
#53
t-1,3-Dichloropropene
Concen: 17.241 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion: 75 Resp: 8329
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

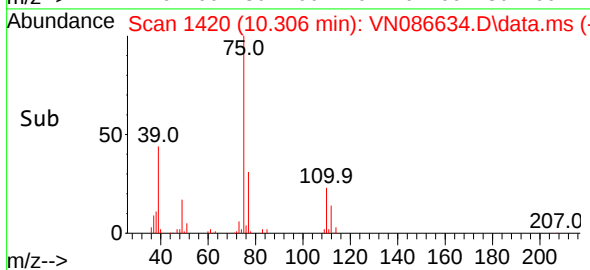
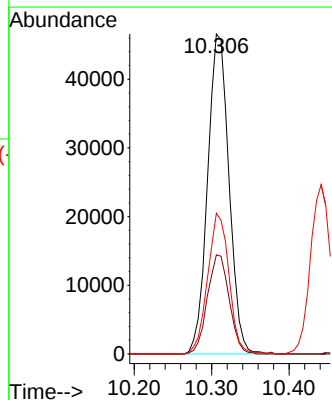
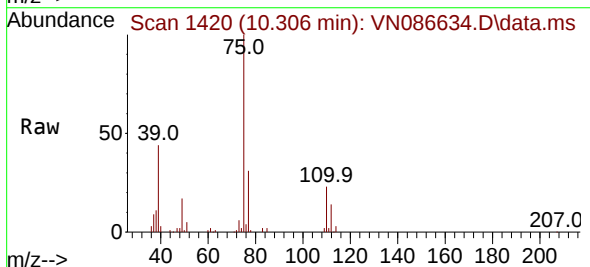
Manual Integrations
APPROVED

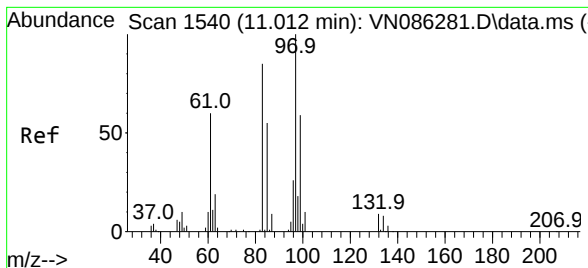
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 16.845 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

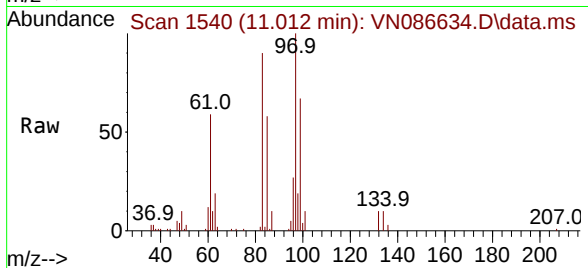
Tgt Ion: 75 Resp: 89386
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 44.0 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 18.175 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

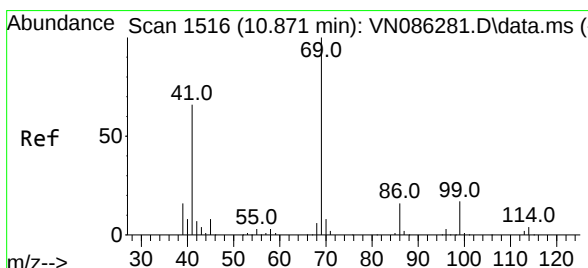
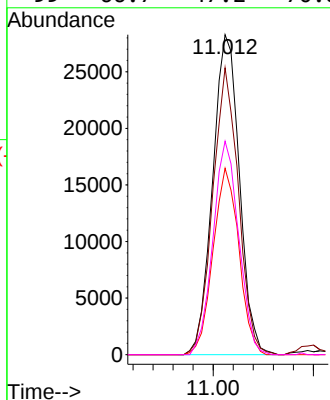
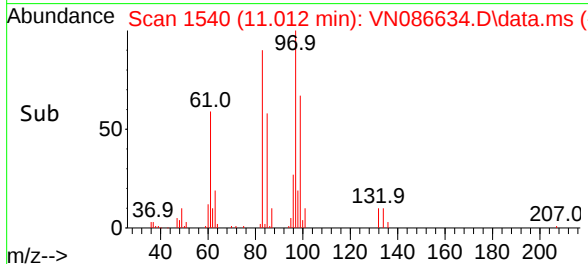
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



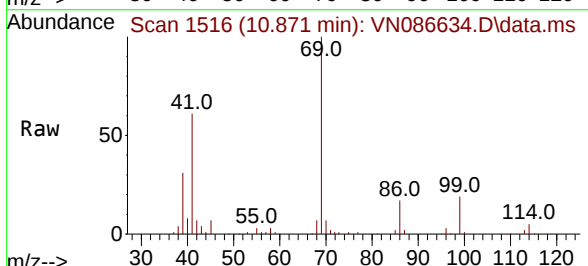
Tgt Ion:	97	Resp:	5242
Ion	Ratio	Lower	Upper
97	100		
83	89.7	68.4	102.6
85	58.2	43.9	65.9
99	66.7	47.2	70.8

Manual Integrations
APPROVED

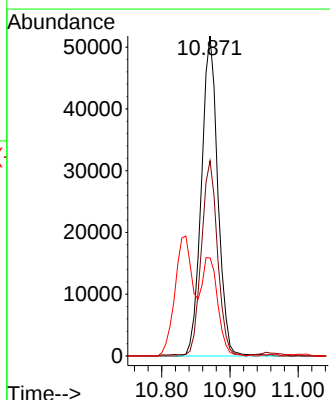
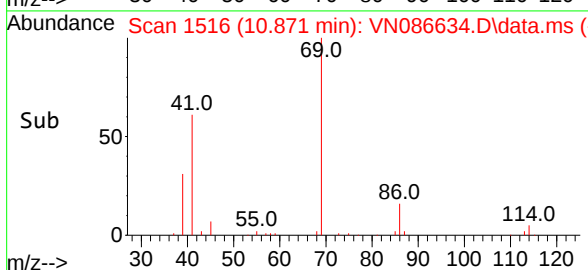
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

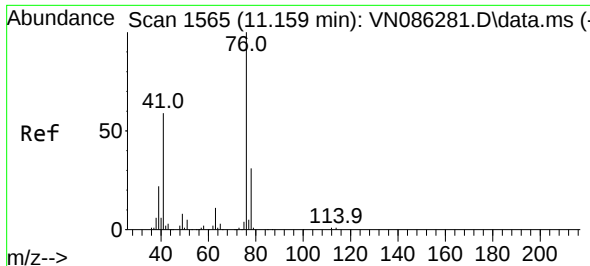


#56
Ethyl methacrylate
Concen: 16.349 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



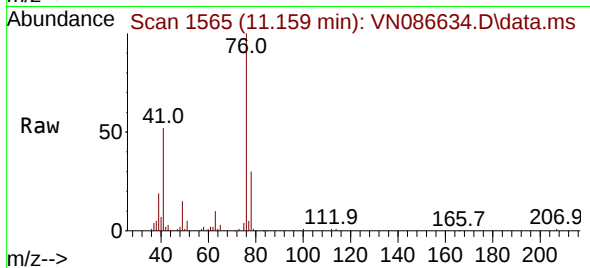
Tgt Ion:	69	Resp:	86683
Ion	Ratio	Lower	Upper
69	100		
41	60.6	51.7	77.5
39	29.5	26.3	39.5





#57
1,3-Dichloropropane
Concen: 17.589 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

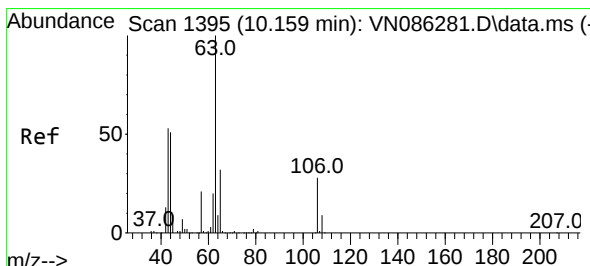
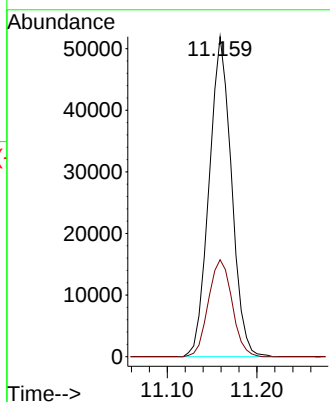
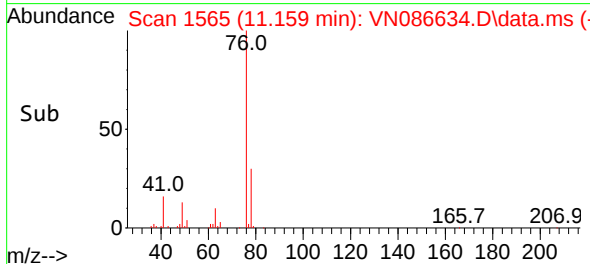
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



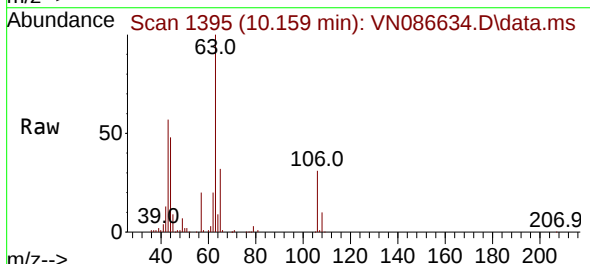
Tgt Ion: 76 Resp: 90014
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

Manual Integrations
APPROVED

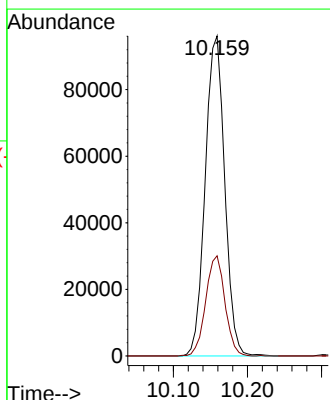
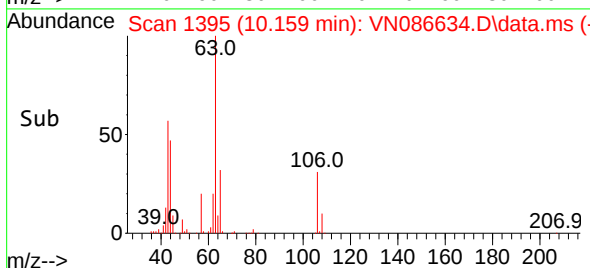
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

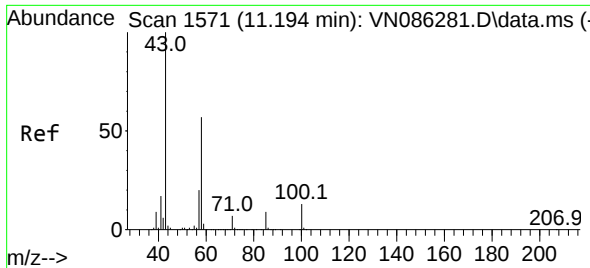


#58
2-Chloroethyl Vinyl ether
Concen: 69.674 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



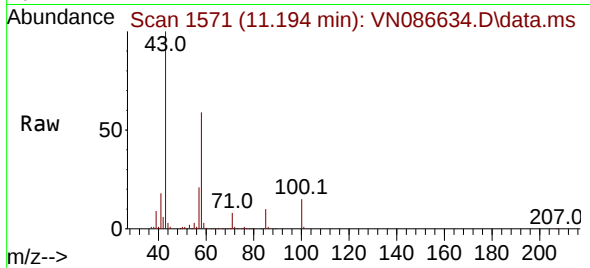
Tgt Ion: 63 Resp: 175340
Ion Ratio Lower Upper
63 100
106 30.9 22.2 33.2





#59
2-Hexanone
Concen: 76.994 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

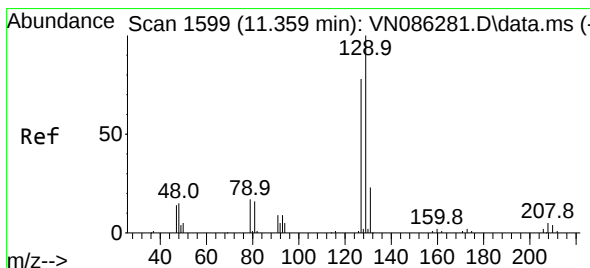
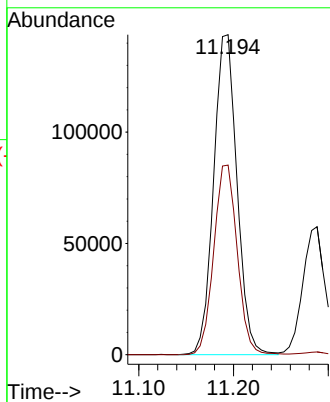
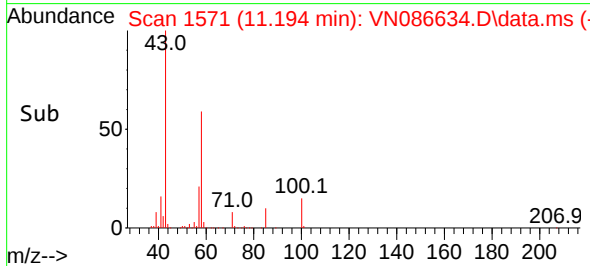
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 43 Resp: 246899
Ion Ratio Lower Upper
43 100
58 59.4 28.3 85.0

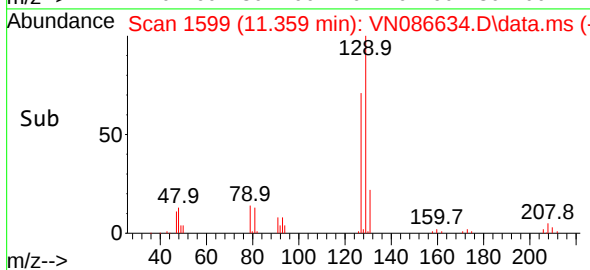
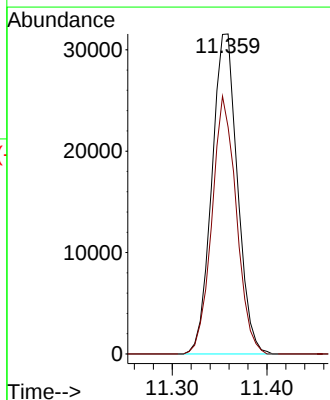
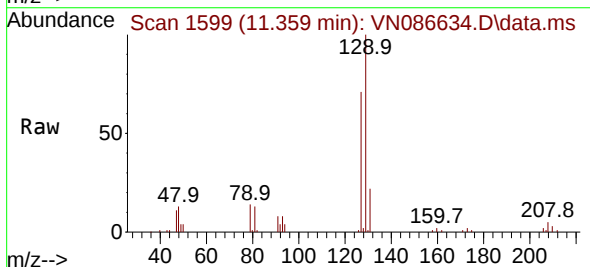
Manual Integrations
APPROVED

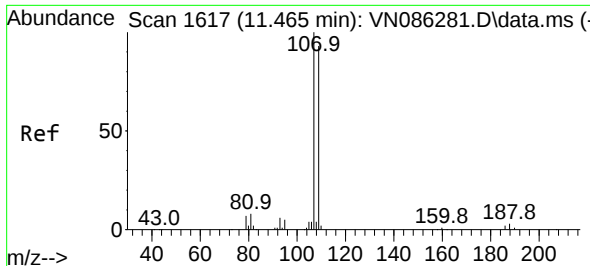
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#60
Dibromochloromethane
Concen: 18.748 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

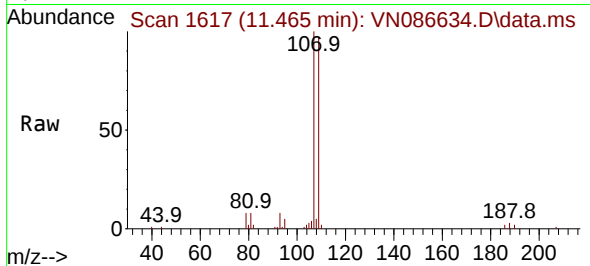
Tgt Ion:129 Resp: 59383
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 18.848 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

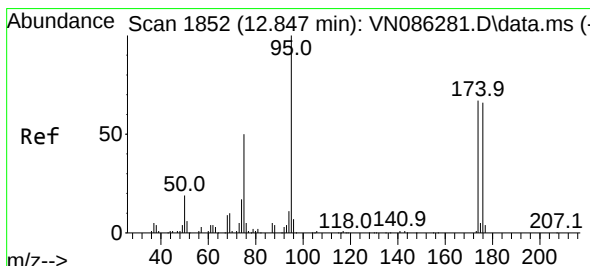
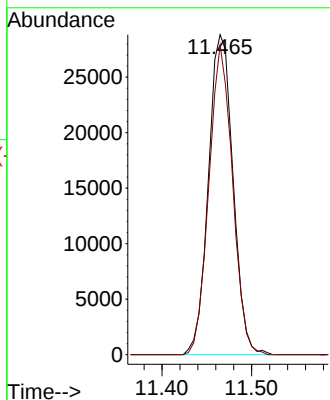
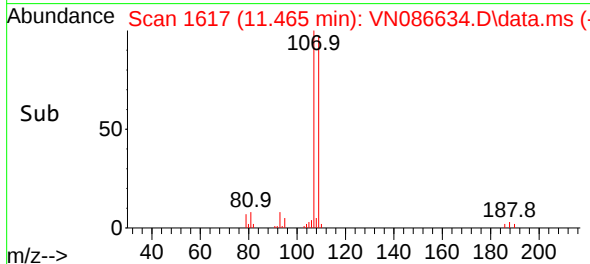
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



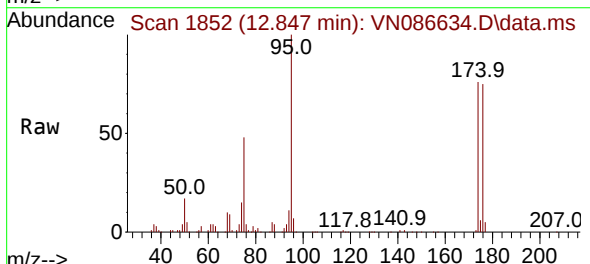
Tgt Ion:107 Resp: 5485
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.0

Manual Integrations
APPROVED

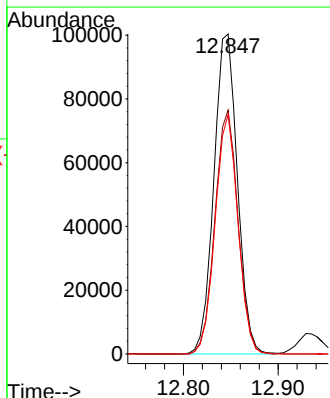
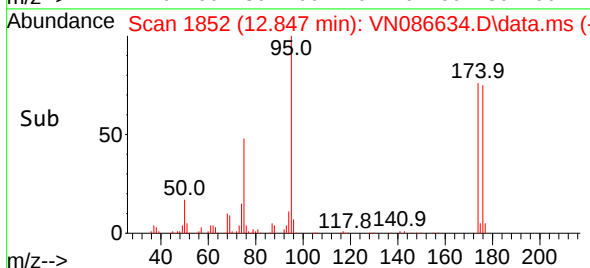
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

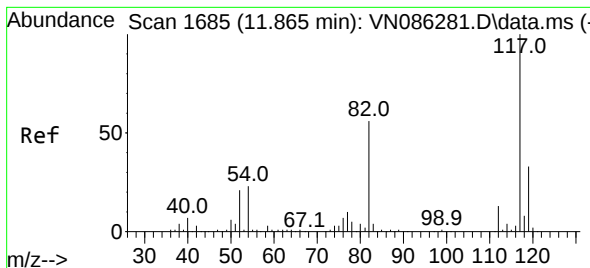


#62
4-Bromofluorobenzene
Concen: 44.276 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



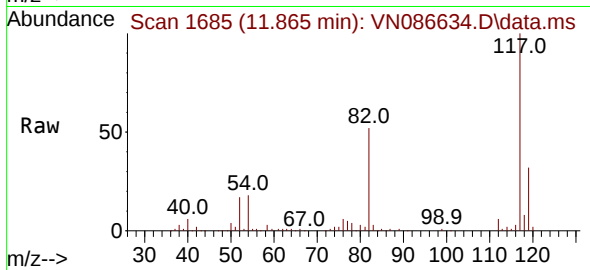
Tgt Ion: 95 Resp: 173293
Ion Ratio Lower Upper
95 100
174 74.9 0.0 133.4
176 72.1 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

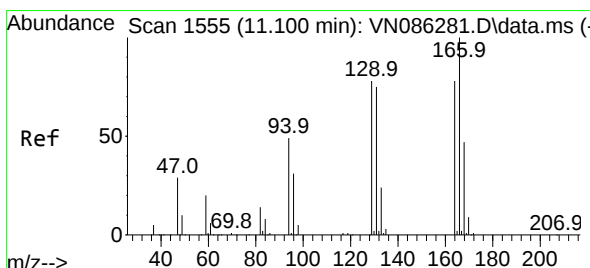
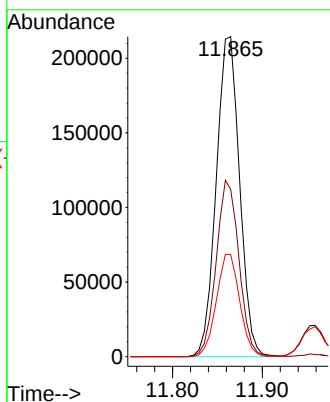
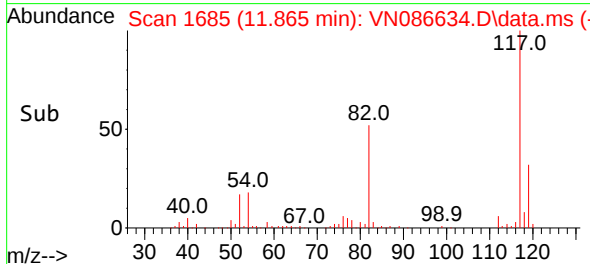
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion:117 Resp: 38794
Ion Ratio Lower Upper
117 100
82 52.2 44.7 67.1
119 32.0 26.4 39.6

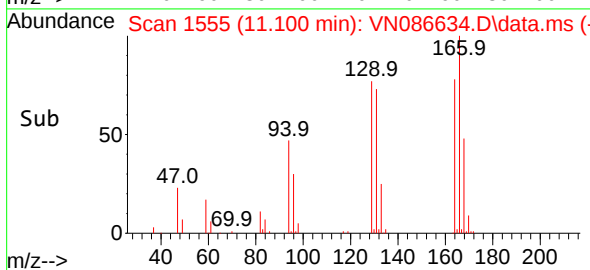
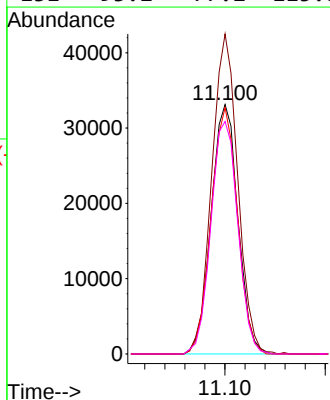
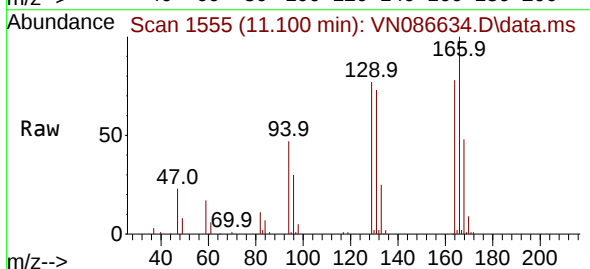
Manual Integrations
APPROVED

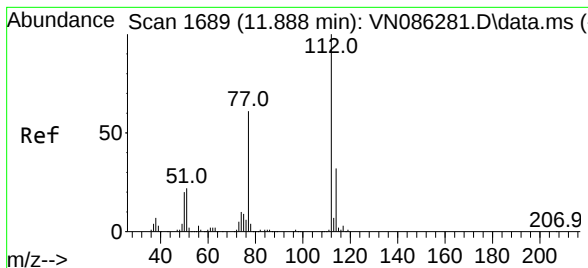
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#64
Tetrachloroethene
Concen: 20.536 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

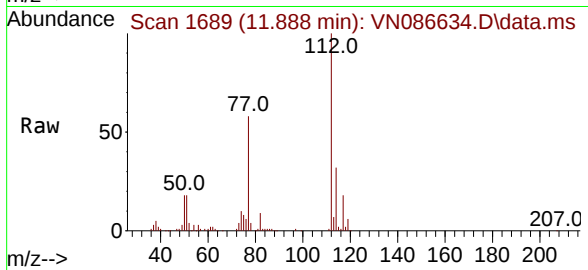
Tgt Ion:164 Resp: 61281
Ion Ratio Lower Upper
164 100
166 128.2 103.0 154.4
129 98.7 80.1 120.1
131 93.2 77.2 115.8





#65
Chlorobenzene
Concen: 18.724 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

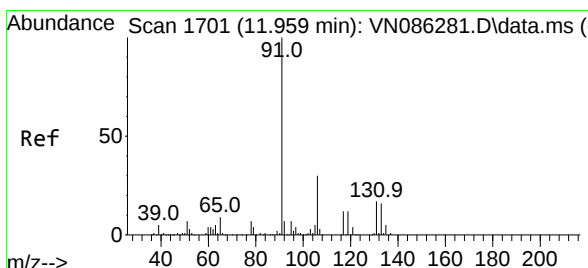
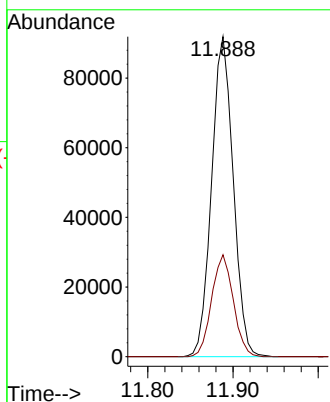
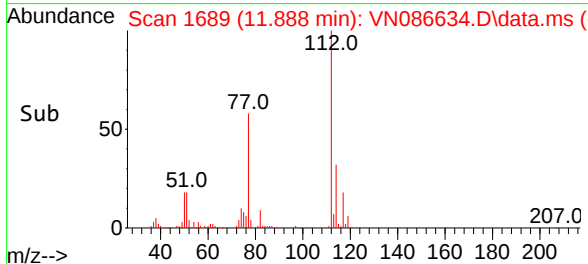
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



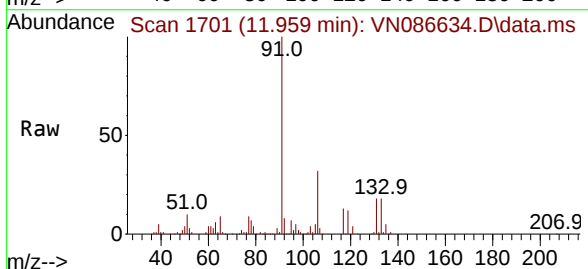
Tgt Ion:112 Resp: 162100
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

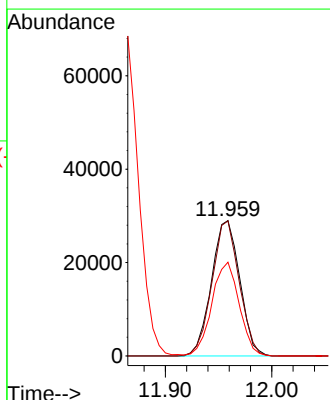
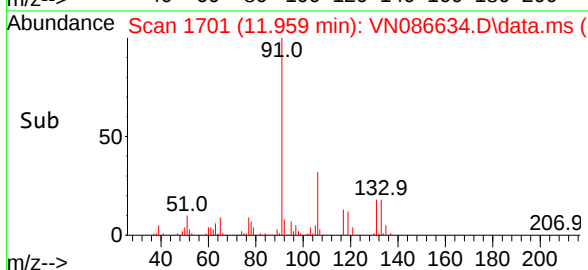
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

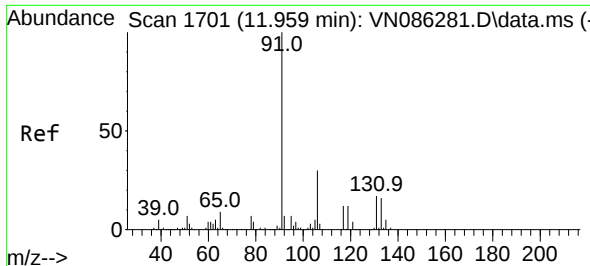


#66
1,1,1,2-Tetrachloroethane
Concen: 18.724 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



Tgt Ion:131 Resp: 53478
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.3
119 67.0 33.8 101.4





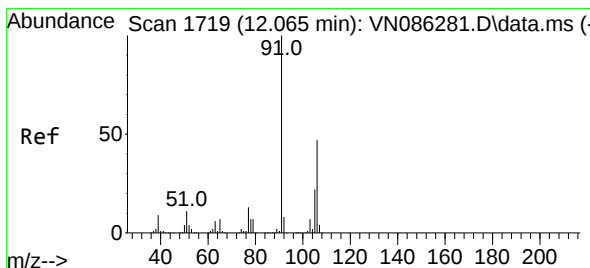
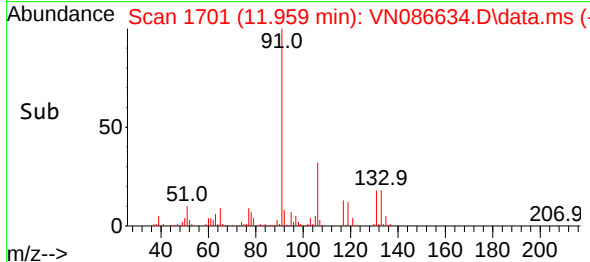
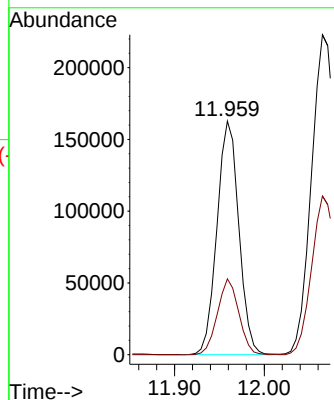
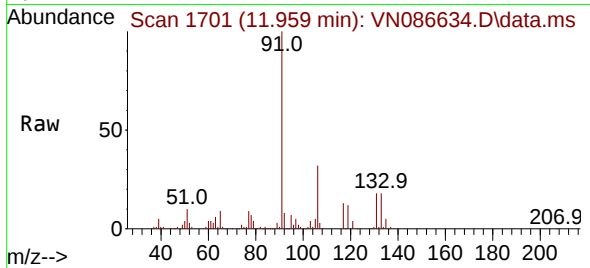
#67
Ethyl Benzene
Concen: 17.609 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion: 91 Resp: 27510
Ion Ratio Lower Upper
91 100
106 32.5 24.3 36.5

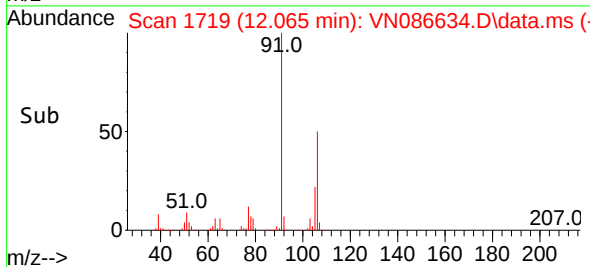
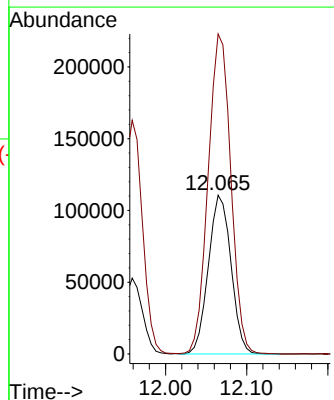
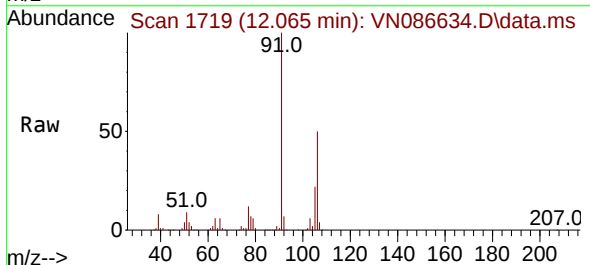
Manual Integrations
APPROVED

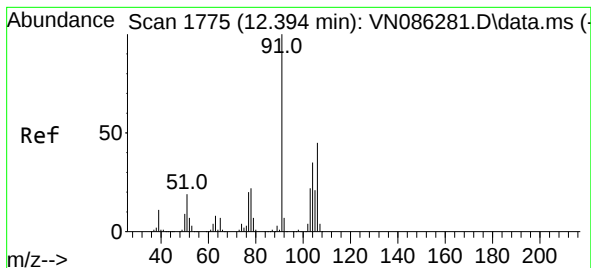
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#68
m/p-Xylenes
Concen: 36.612 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion:106 Resp: 214317
Ion Ratio Lower Upper
106 100
91 202.4 166.5 249.7





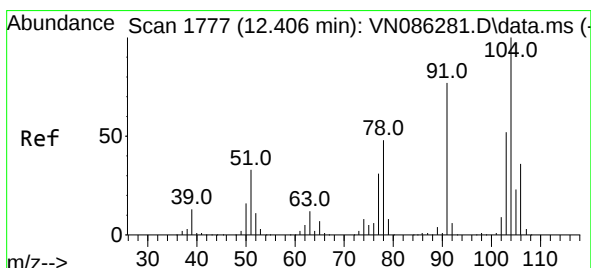
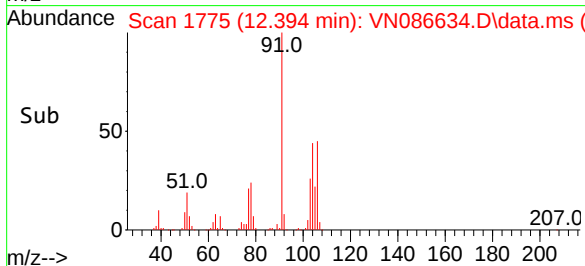
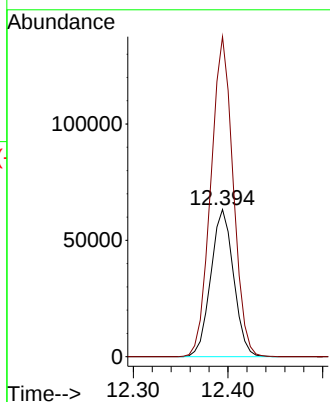
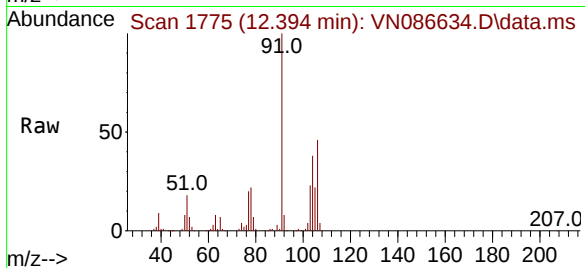
#69
o-Xylene
Concen: 18.276 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion:106 Resp: 105800
Ion Ratio Lower Upper
106 100
91 213.0 109.7 329.0

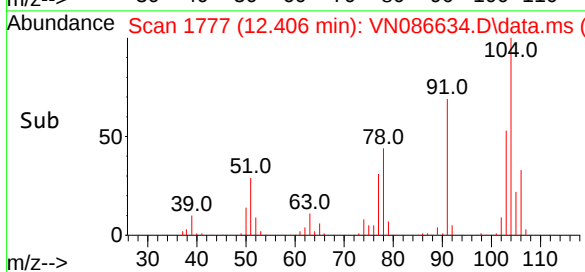
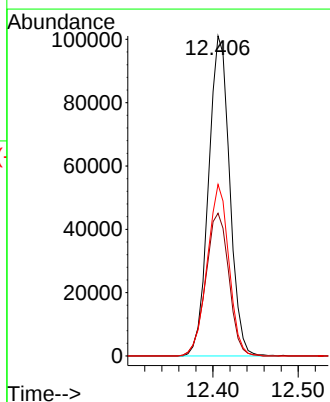
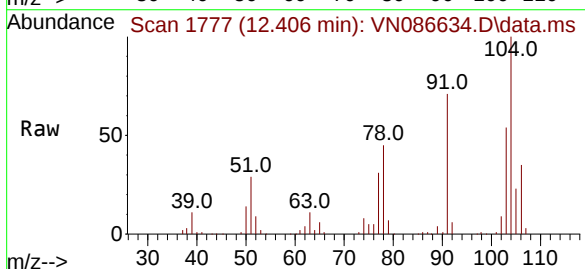
Manual Integrations
APPROVED

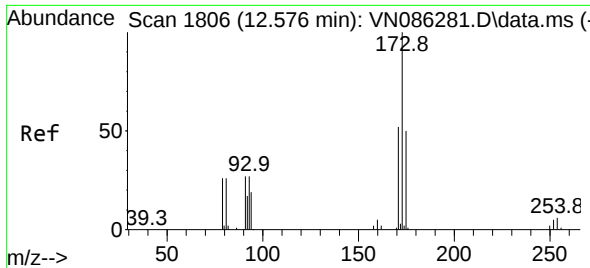
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#70
Styrene
Concen: 18.027 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion:104 Resp: 173887
Ion Ratio Lower Upper
104 100
78 48.7 40.6 61.0
103 55.1 43.6 65.4





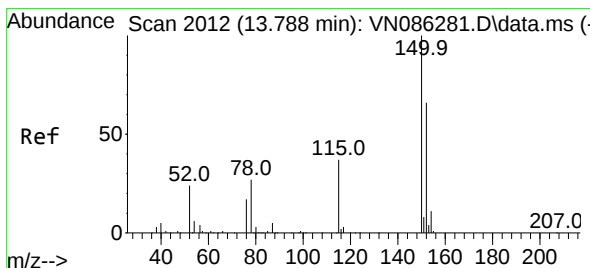
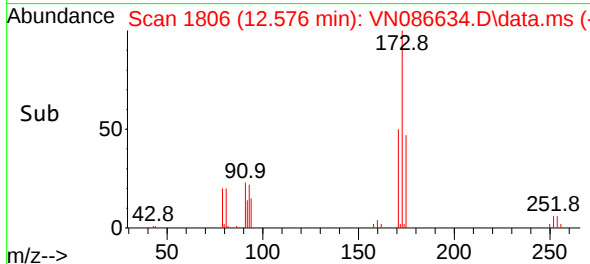
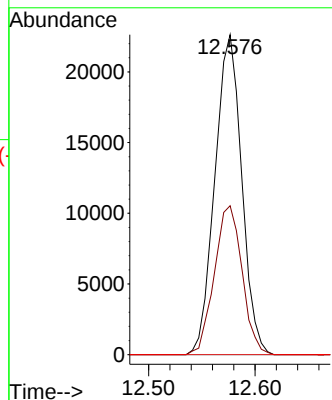
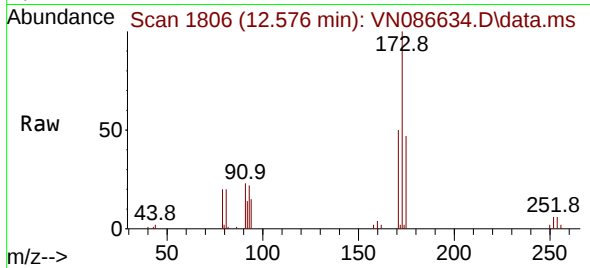
#71
Bromoform
Concen: 18.397 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion:173 Resp: 39560
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.0 0.0 0.0

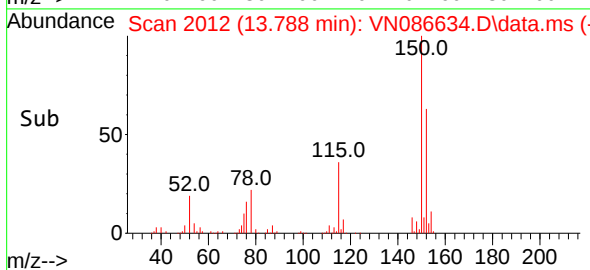
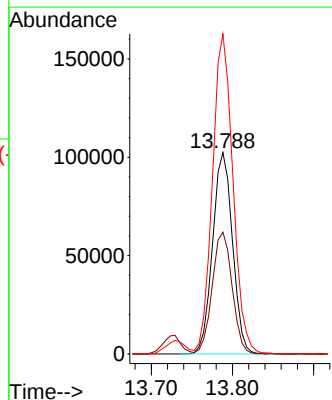
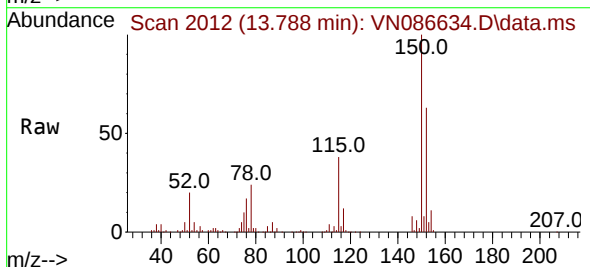
Manual Integrations
APPROVED

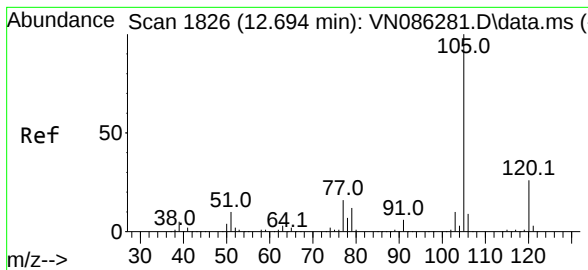
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion:152 Resp: 174613
Ion Ratio Lower Upper
152 100
115 60.3 31.9 95.9
150 163.1 0.0 352.0





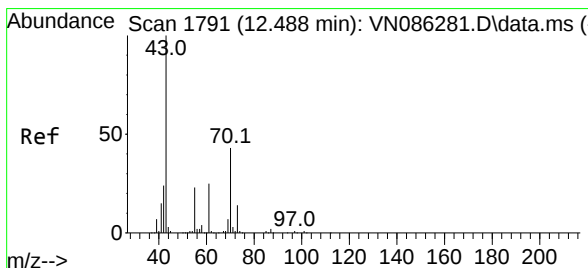
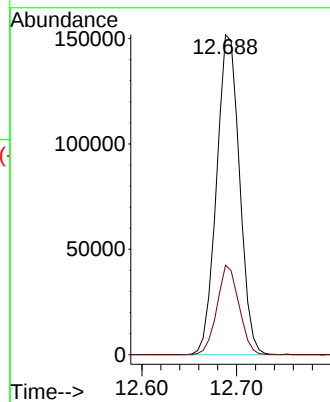
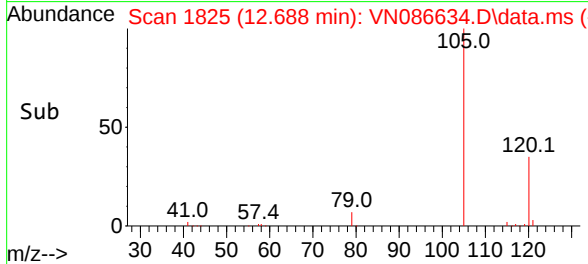
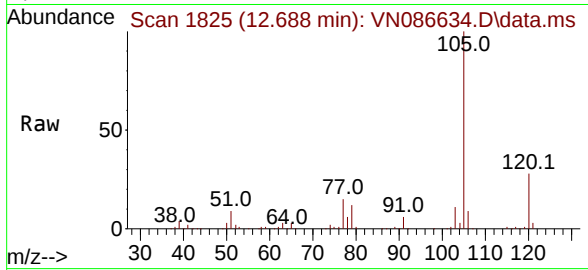
#73
Isopropylbenzene
Concen: 17.893 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion:105 Resp: 25557
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

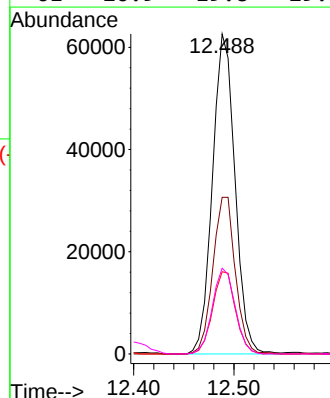
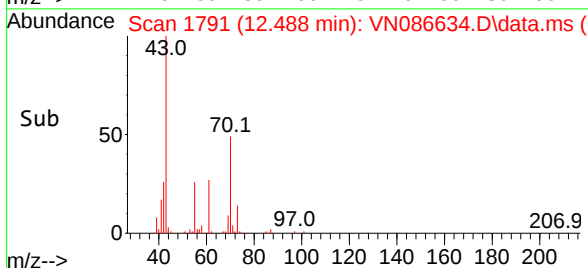
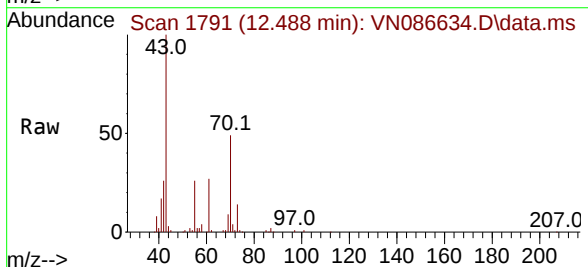
Manual Integrations
APPROVED

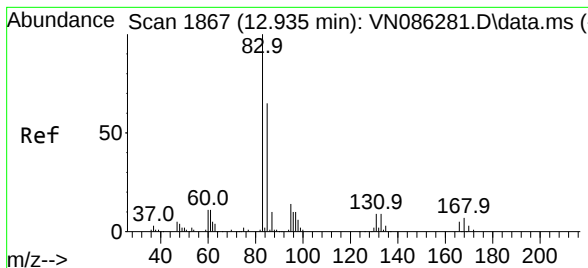
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#74
N-ethyl acetate
Concen: 13.724 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

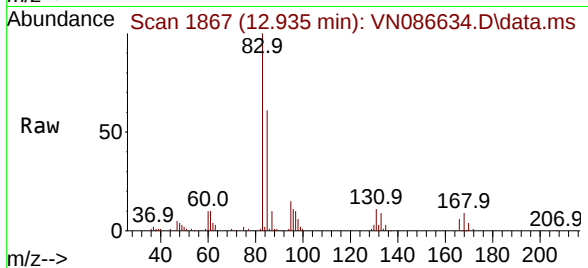
Tgt Ion: 43 Resp: 97590
Ion Ratio Lower Upper
43 100
70 49.0 35.0 52.4
55 26.1 19.0 28.4
61 26.9 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 17.771 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

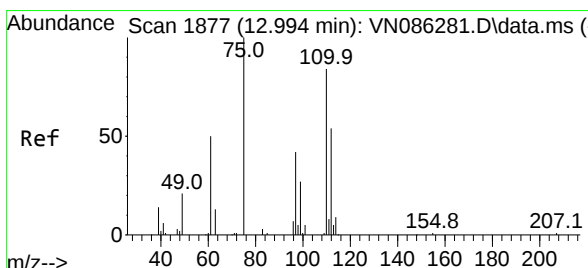
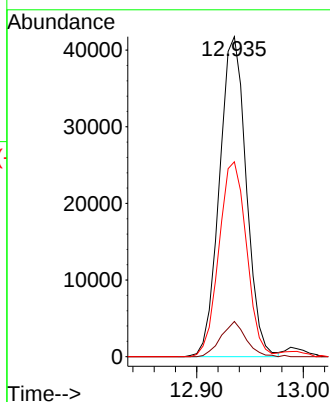
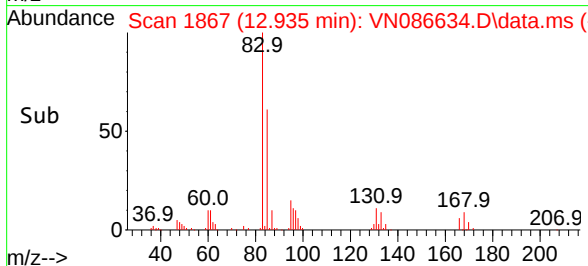
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



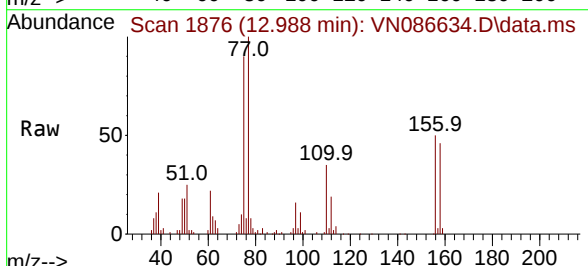
Tgt Ion: 83 Resp: 72983
Ion Ratio Lower Upper
83 100
131 10.3 4.7 14.1
85 62.8 32.7 98.1

Manual Integrations
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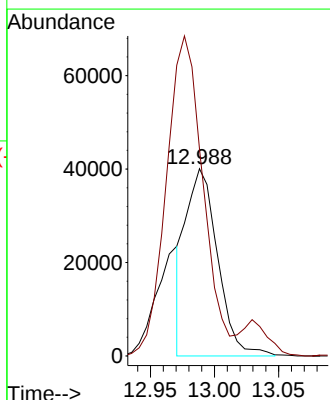
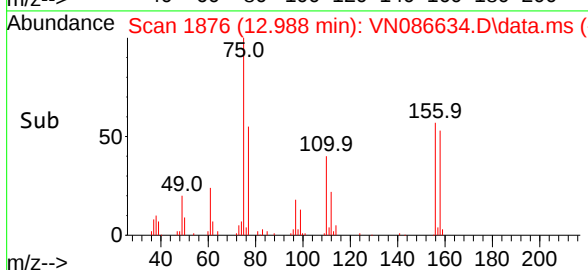
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

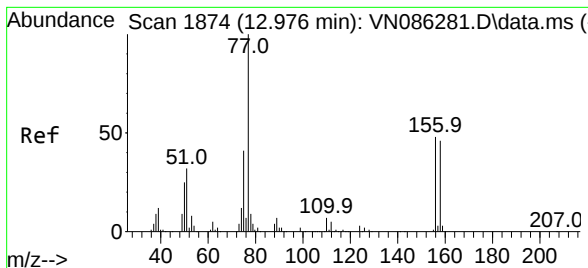


#76
1,2,3-Trichloropropane
Concen: 16.838 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



Tgt Ion: 75 Resp: 69383
Ion Ratio Lower Upper
75 100
77 197.3 98.8 296.4





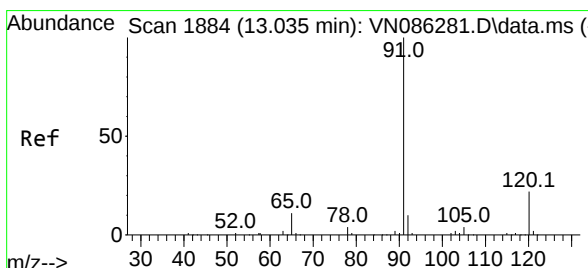
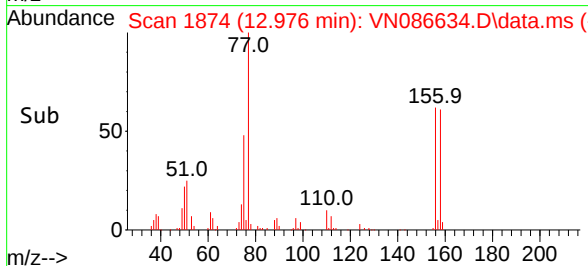
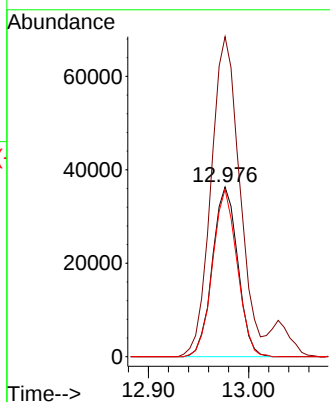
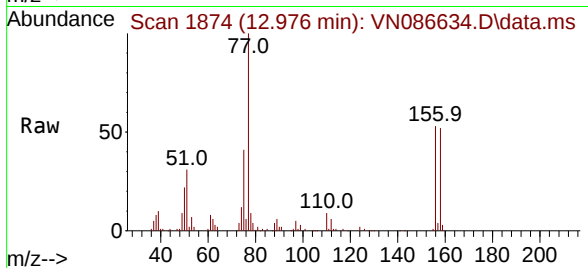
#77
Bromobenzene
Concen: 20.082 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion:156 Resp: 63558
Ion Ratio Lower Upper
156 100
77 215.4 121.1 363.1
158 96.0 47.9 143.6

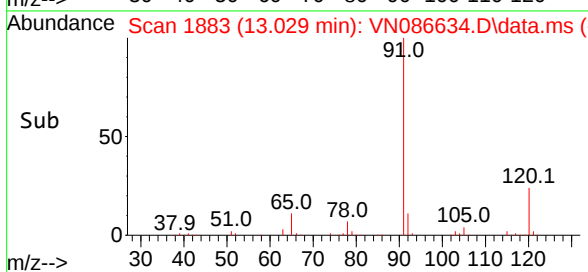
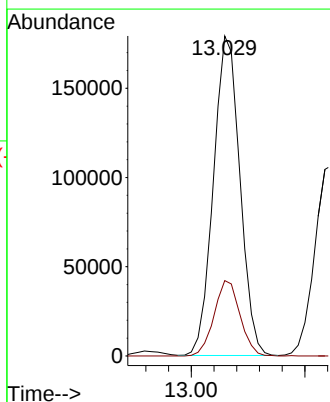
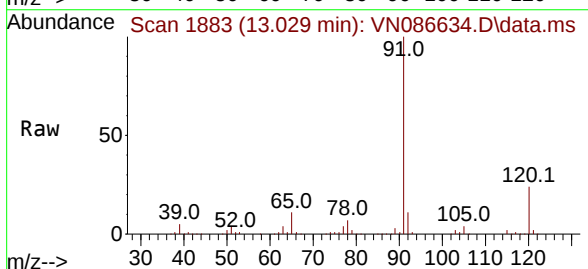
Manual Integrations
APPROVED

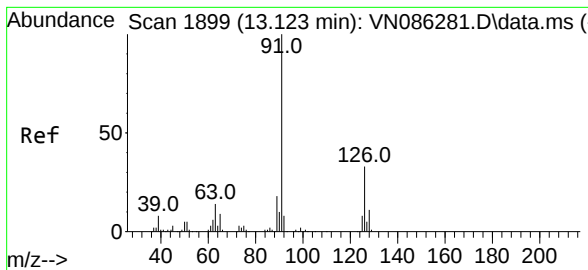
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#78
n-propylbenzene
Concen: 17.229 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion: 91 Resp: 289986
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.3





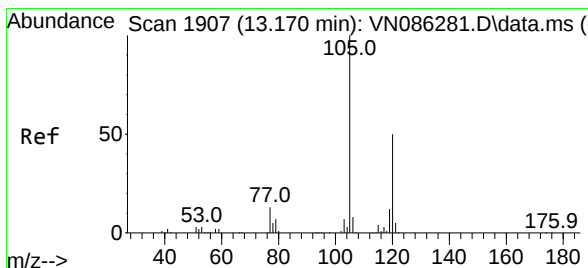
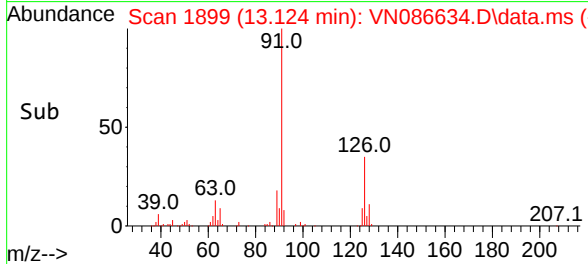
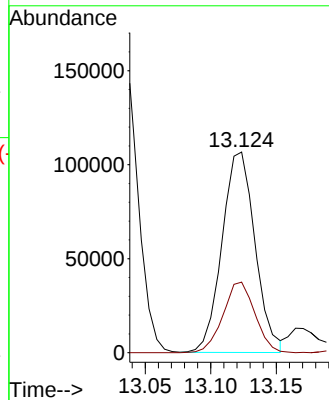
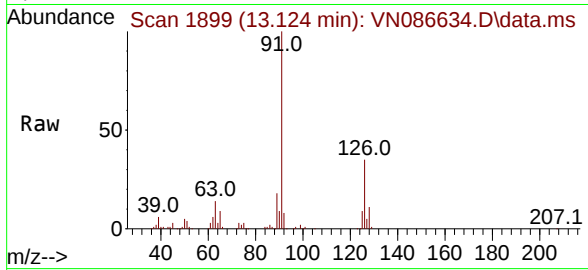
#79
2-Chlorotoluene
Concen: 17.747 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01

Tgt Ion: 91 Resp: 186920
Ion Ratio Lower Upper
91 100
126 34.0 16.1 48.2

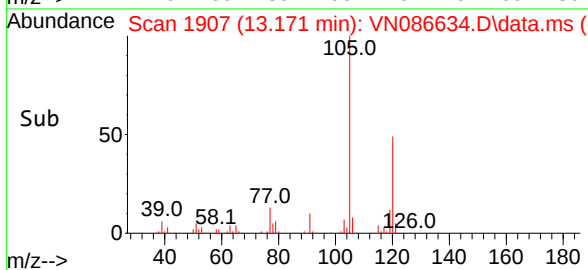
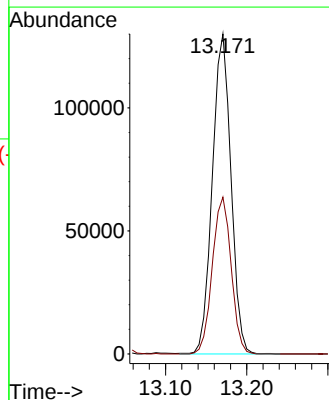
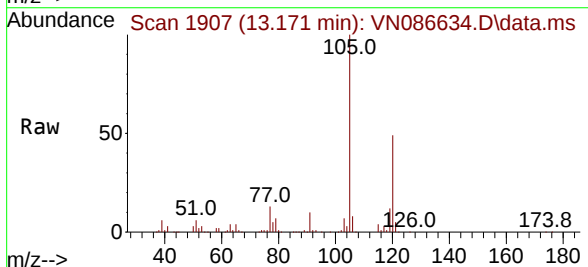
Manual Integrations
APPROVED

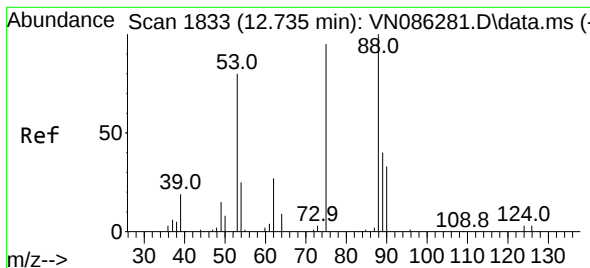
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.722 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

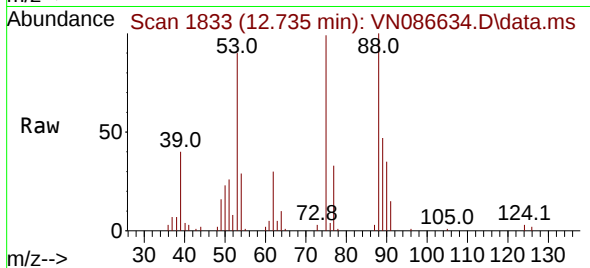
Tgt Ion:105 Resp: 207188
Ion Ratio Lower Upper
105 100
120 49.5 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 16.207 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

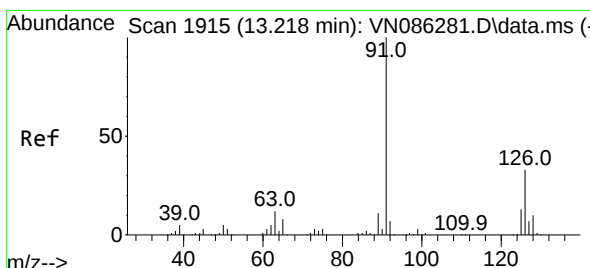
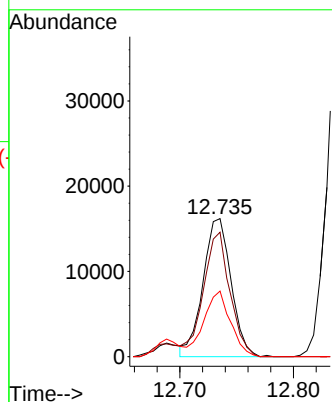
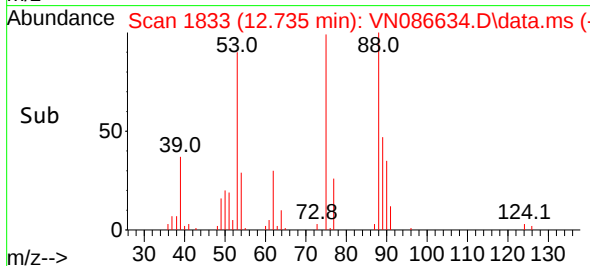
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



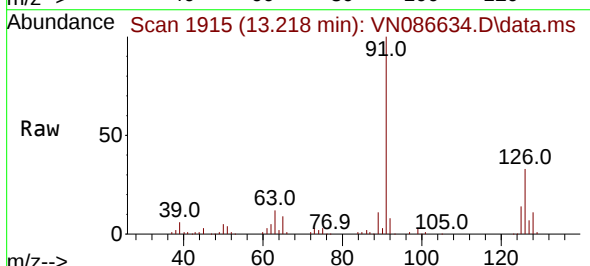
Tgt Ion: 75 Resp: 2780
Ion Ratio Lower Upper
75 100
53 85.9 79.2 118.8
89 44.8 35.7 53.5

Manual Integrations
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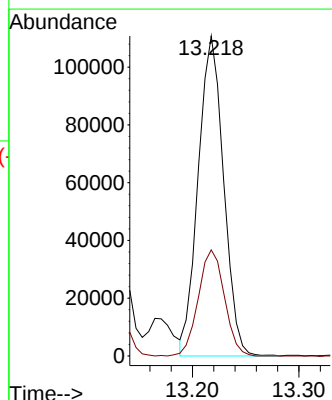
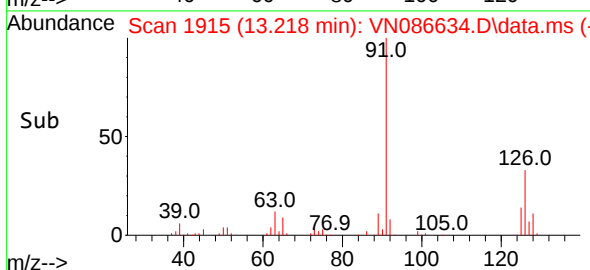
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

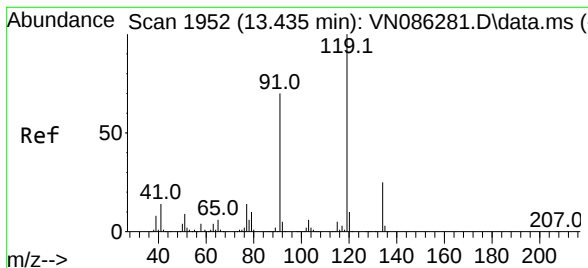


#82
4-Chlorotoluene
Concen: 17.563 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



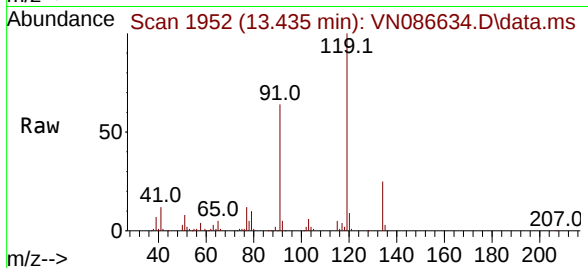
Tgt Ion: 91 Resp: 183754
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 17.672 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

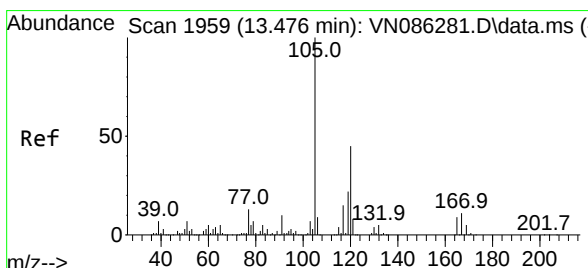
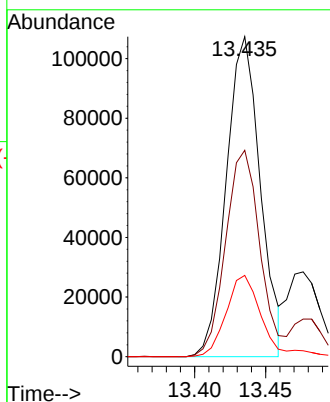
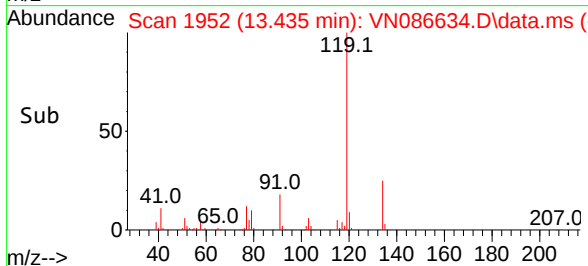
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



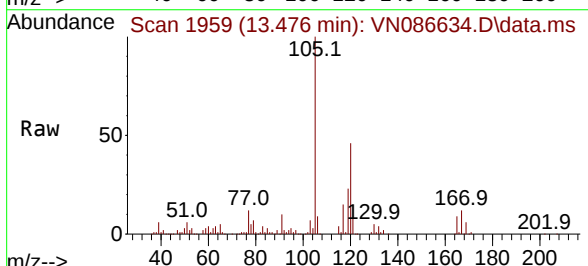
Tgt Ion:119 Resp: 179018
Ion Ratio Lower Upper
119 100
91 65.7 34.4 103.3
134 26.6 13.0 39.0

Manual Integrations
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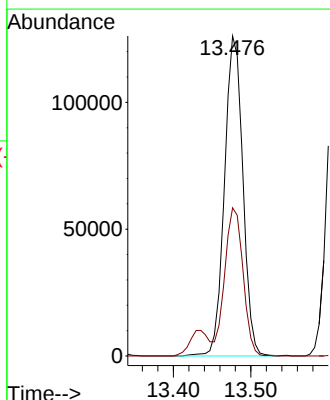
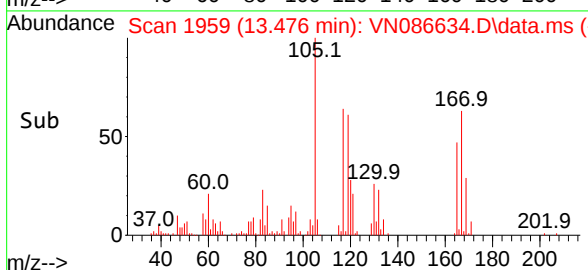
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

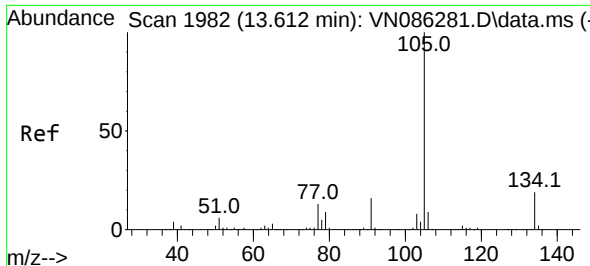


#84
1,2,4-Trimethylbenzene
Concen: 17.479 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



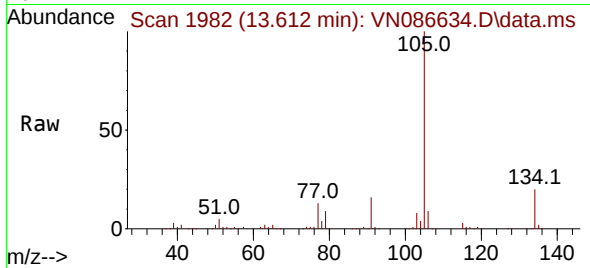
Tgt Ion:105 Resp: 208002
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 17.458 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36

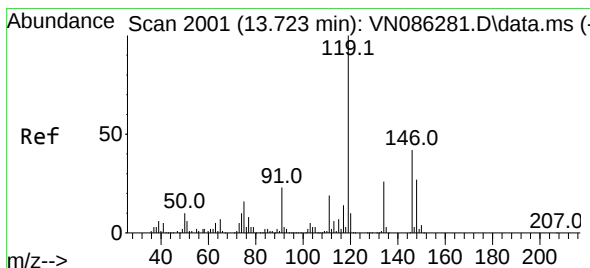
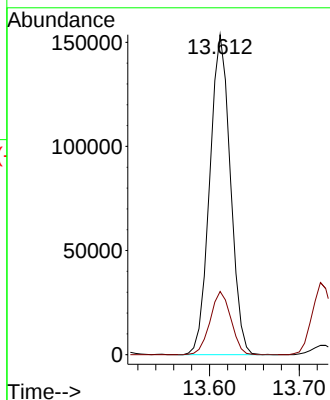
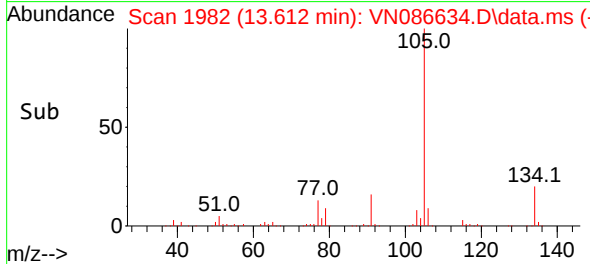
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBS01



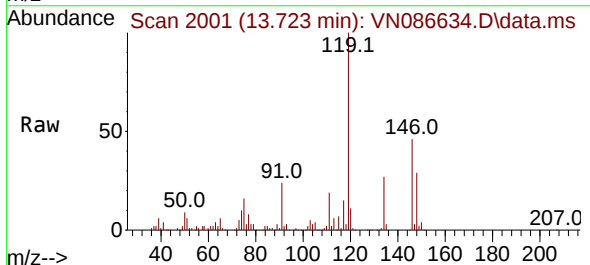
Tgt Ion:105 Resp: 245302
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1

Manual Integrations
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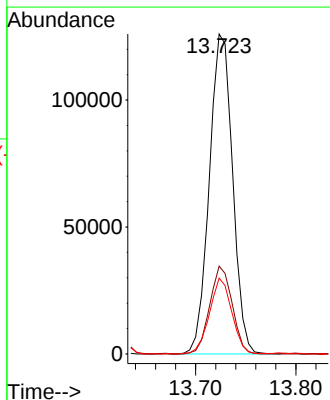
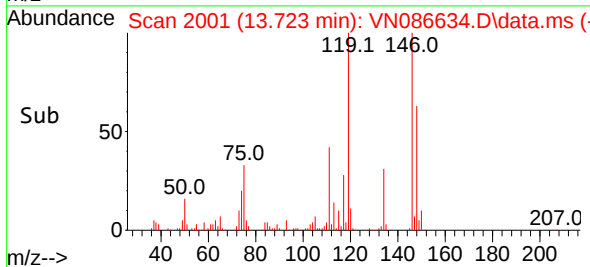
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

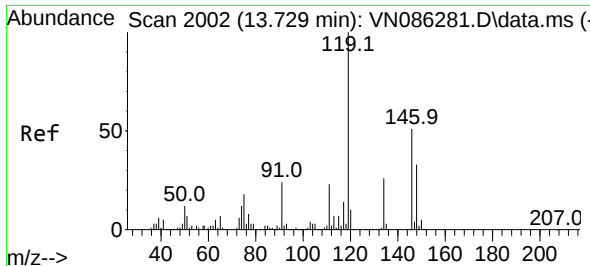


#86
 p-Isopropyltoluene
 Concen: 17.574 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36



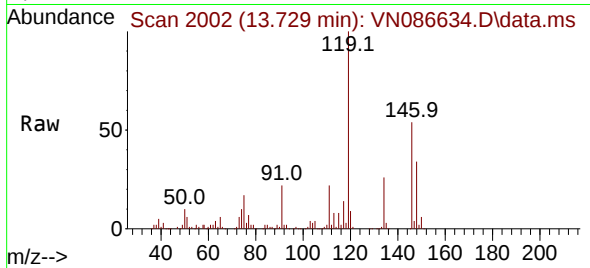
Tgt Ion:119 Resp: 203526
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.7 11.9 35.9





#87
 1,3-Dichlorobenzene
 Concen: 18.597 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36

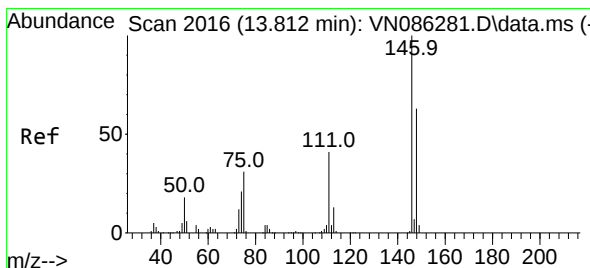
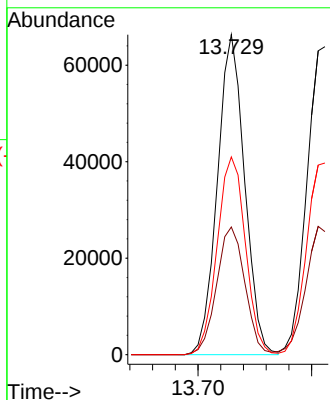
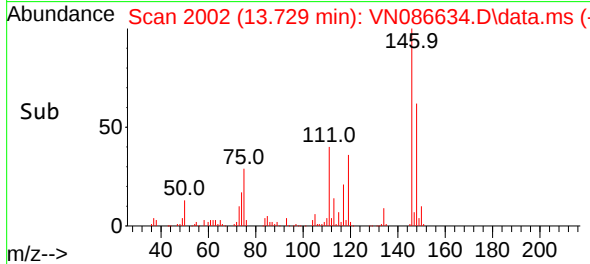
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBS01



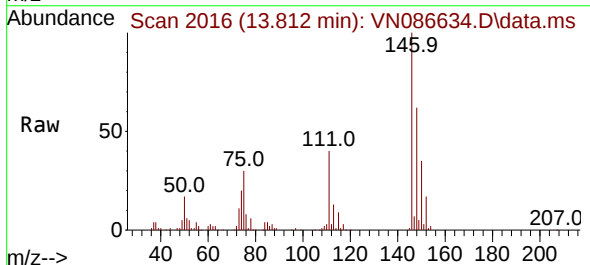
Tgt Ion:146 Resp: 11064
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.9 65.7
 148 64.1 31.9 95.5

Manual Integrations
 APPROVED

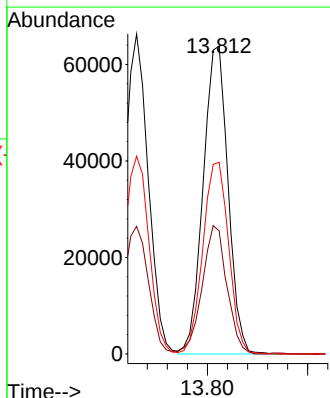
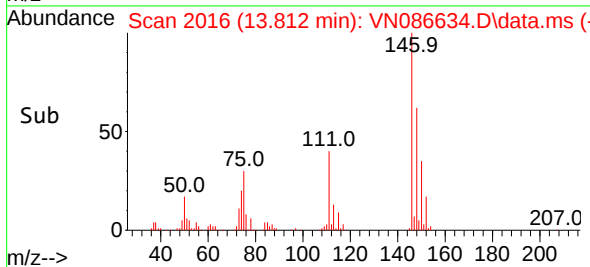
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

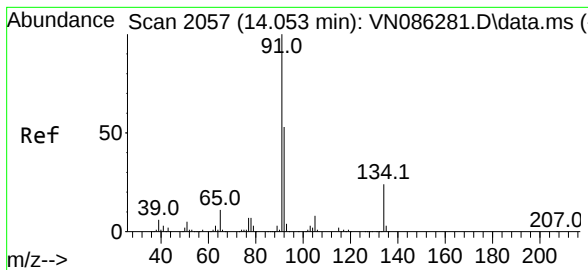


#88
 1,4-Dichlorobenzene
 Concen: 18.385 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN086634.D
 Acq: 15 May 2025 10:36



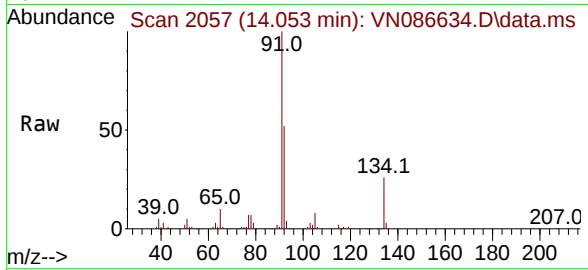
Tgt Ion:146 Resp: 110172
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.9
 148 64.5 31.9 95.9





#89
n-Butylbenzene
Concen: 16.463 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

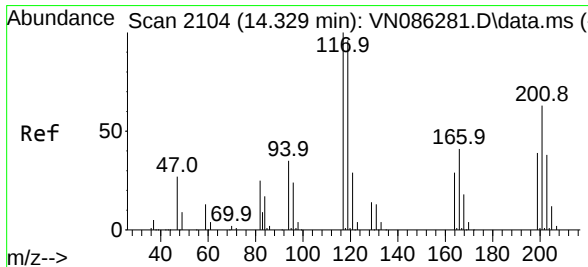
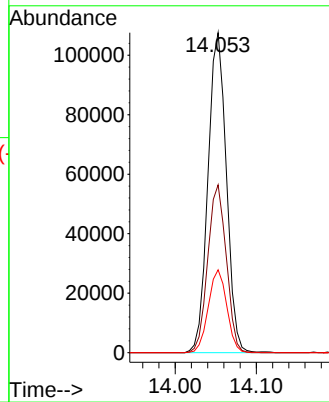
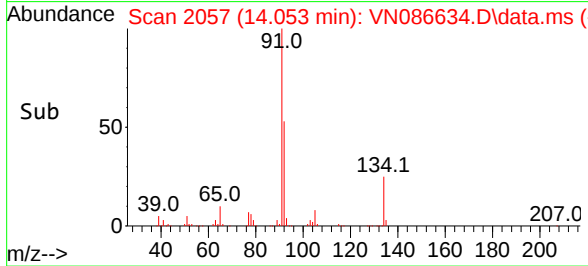
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion: 91 Resp: 168998
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.4
134 26.0 12.2 36.6

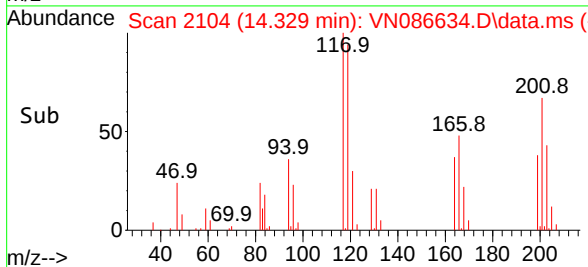
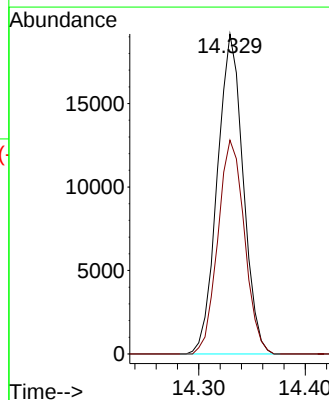
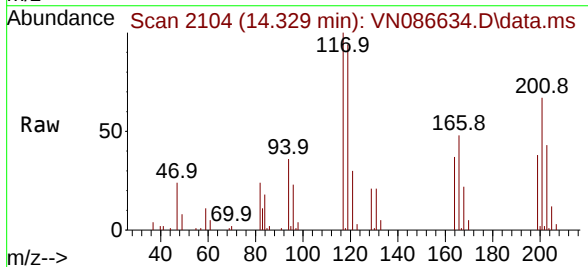
Manual Integrations
APPROVED

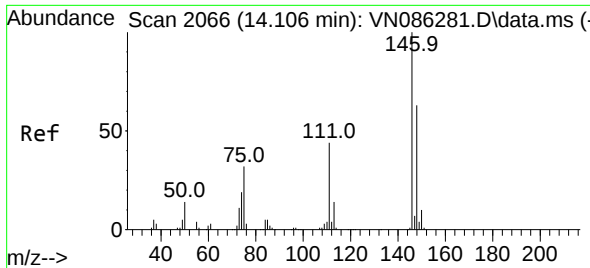
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#90
Hexachloroethane
Concen: 16.579 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

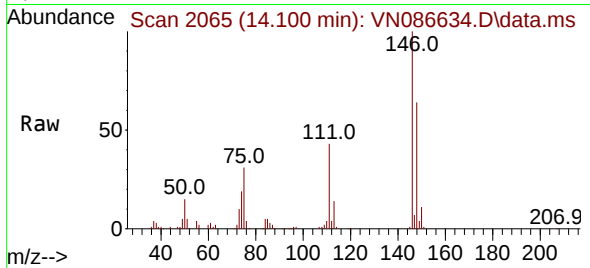
Tgt Ion:117 Resp: 32297
Ion Ratio Lower Upper
117 100
201 68.7 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 18.464 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

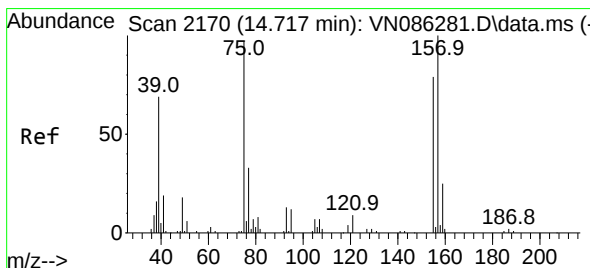
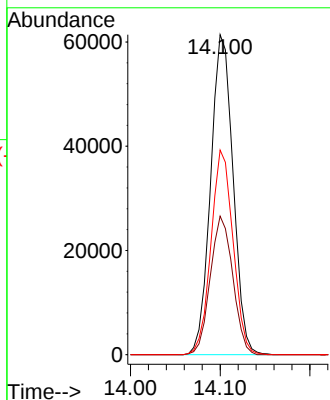
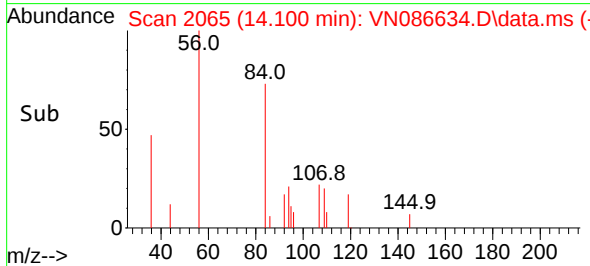
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion:146 Resp: 10650
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 63.0 31.8 95.4

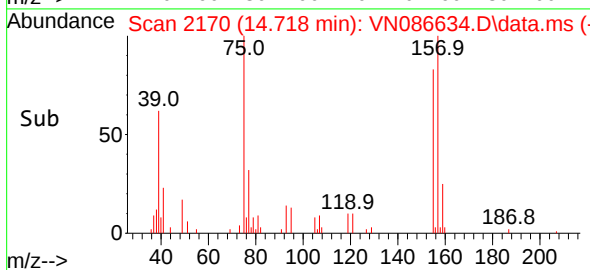
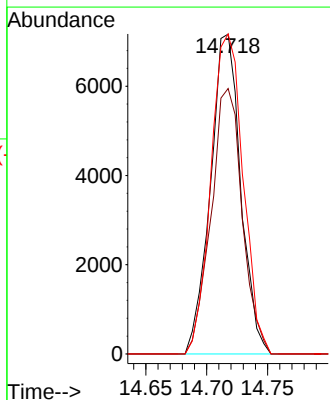
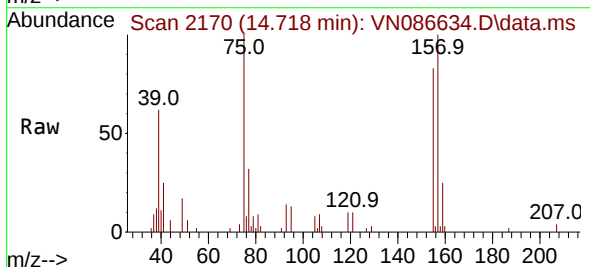
Manual Integrations
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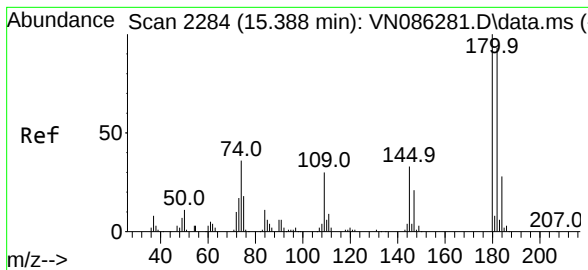
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.929 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

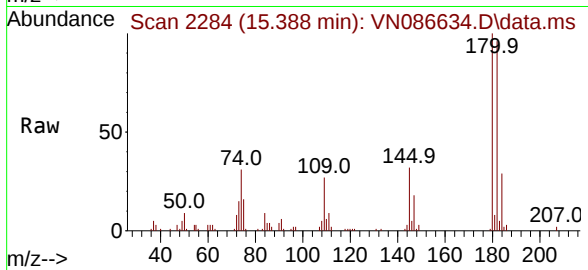
Tgt Ion: 75 Resp: 12363
Ion Ratio Lower Upper
75 100
155 85.6 40.3 120.9
157 106.5 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 17.217 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

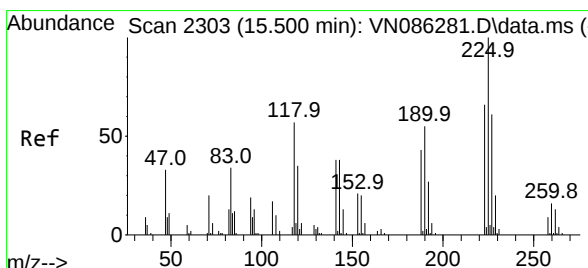
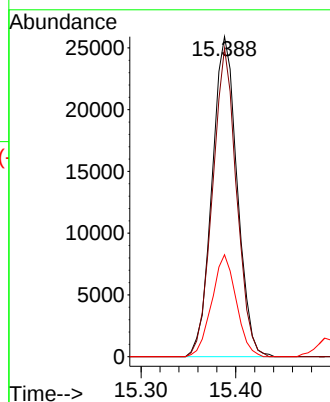
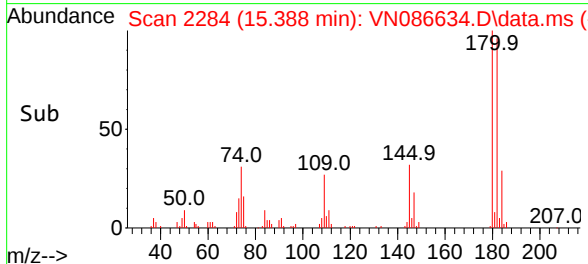
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



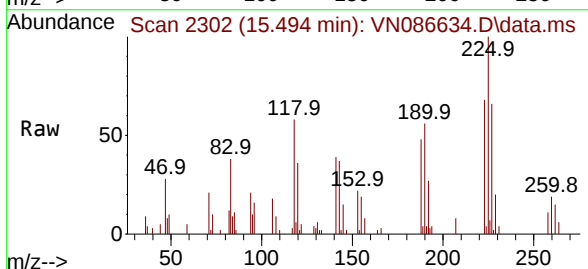
Tgt Ion:180 Resp: 47554
Ion Ratio Lower Upper
180 100
182 92.3 47.0 141.0
145 31.1 16.4 49.1

Manual Integrations
APPROVED

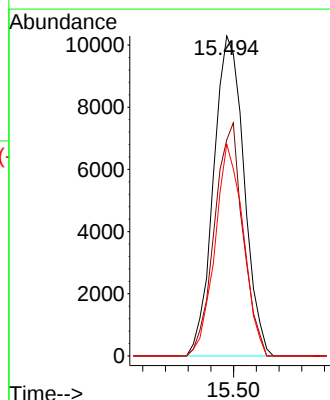
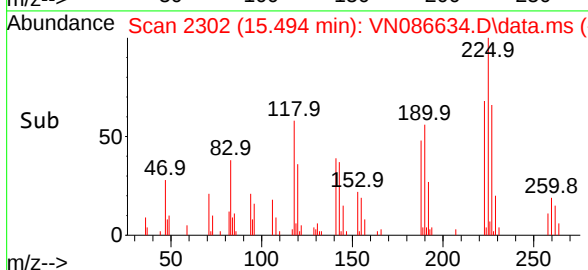
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

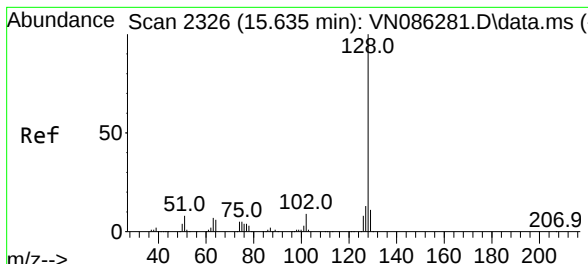


#94
Hexachlorobutadiene
Concen: 18.401 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36



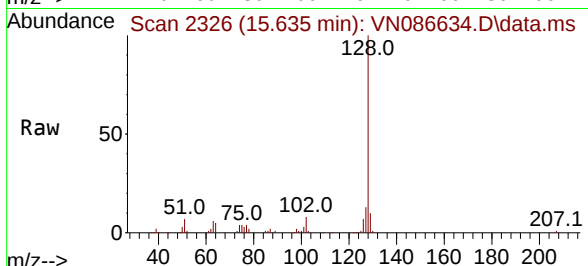
Tgt Ion:225 Resp: 19186
Ion Ratio Lower Upper
225 100
223 67.8 32.8 98.3
227 61.5 31.4 94.0





#95
Naphthalene
Concen: 15.752 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

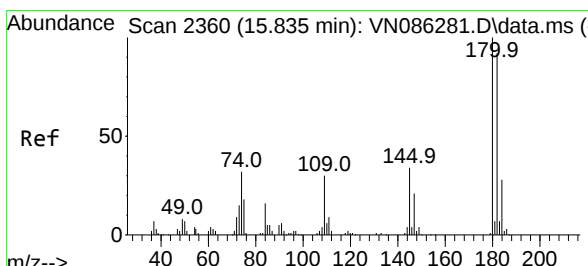
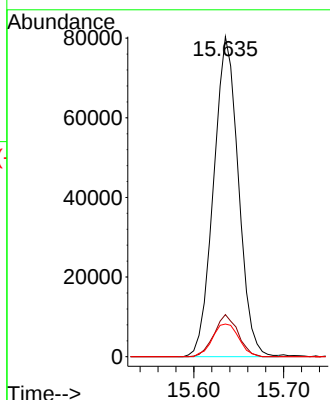
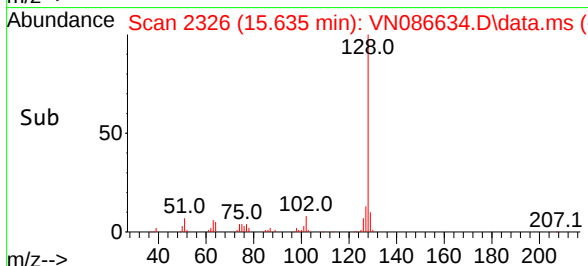
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBS01



Tgt Ion:128 Resp: 15423
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.523 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086634.D
Acq: 15 May 2025 10:36

Tgt Ion:180 Resp: 45821
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 33.3 17.2 51.5

