

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085653.D
 Acq On : 04 Feb 2025 15:49
 Operator : JC\MD
 Sample : Q1218-01ME
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BELL-25-002ME

Quant Time: Feb 05 01:06:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	181070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	334201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	132827	45.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.880%
35) Dibromofluoromethane	8.159	113	111253	47.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	10.565	98	389893	47.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.847	95	136179	48.326	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.660%

Target Compounds					Qvalue	
3) Chloromethane	2.354	50	805	0.303	ug/l	97
5) Bromomethane	2.936	94	341	0.212	ug/l #	77
8) Diethyl Ether	3.954	74	783	0.585	ug/l	87
10) Methyl Iodide	4.565	142	955	0.382	ug/l #	85
11) Tert butyl alcohol	5.477	59	1910	5.707	ug/l #	71
13) Acrolein	4.183	56	224	0.490	ug/l #	14
16) Acetone	4.442	43	14911	15.789	ug/l	93
17) Carbon Disulfide	4.677	76	2269	0.379	ug/l #	76
18) Methyl Acetate	5.030	43	4133	1.439	ug/l #	77
20) Methylene Chloride	5.248	84	629	0.269	ug/l #	60
25) 2-Butanone	7.489	43	637	0.458	ug/l #	50
29) Tetrahydrofuran	7.841	42	722	0.819	ug/l #	54
31) Cyclohexane	8.218	56	17365	4.681	ug/l #	67
36) 1,1-Dichloropropene	8.218	75	16057	4.935	ug/l #	51
38) Carbon Tetrachloride	8.218	117	18795	5.045	ug/l #	17
39) Methylcyclohexane	9.594	83	10009	3.273	ug/l	94
43) Isopropyl Acetate	8.694	43	15941	3.029	ug/l #	55
48) Methyl methacrylate	9.588	41	7434	3.139	ug/l #	75
51) 4-Methyl-2-Pentanone	10.441	43	760	0.249	ug/l #	37
52) Toluene	10.624	92	1309528	231.155	ug/l	100
53) t-1,3-Dichloropropene	10.624	75	16312	4.702	ug/l #	1
55) 1,1,2-Trichloroethane	10.994	97	1784	0.796	ug/l #	15
56) Ethyl methacrylate	10.865	69	120	1.962	ug/l #	23
59) 2-Hexanone	11.171	43	3933	1.830	ug/l #	26
67) Ethyl Benzene	11.965	91	17119	1.661	ug/l #	82
68) m/p-Xylenes	12.065	106	30196	7.926	ug/l	100
69) o-Xylene	12.394	106	19248	5.287	ug/l	99
70) Styrene	12.406	104	2029	0.337	ug/l #	1
73) Isopropylbenzene	12.694	105	22196	2.440	ug/l	97
74) N-amyl acetate	12.482	43	48402	11.840	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.929	83	3480	1.083	ug/l #	25
76) 1,2,3-Trichloropropane	13.094	75	3102	1.132	ug/l #	1
78) n-propylbenzene	13.035	91	111164	10.324	ug/l	99
79) 2-Chlorotoluene	13.094	91	35748	5.130	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.171	105	144109	19.182	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	78310	77.352	ug/l #	4

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

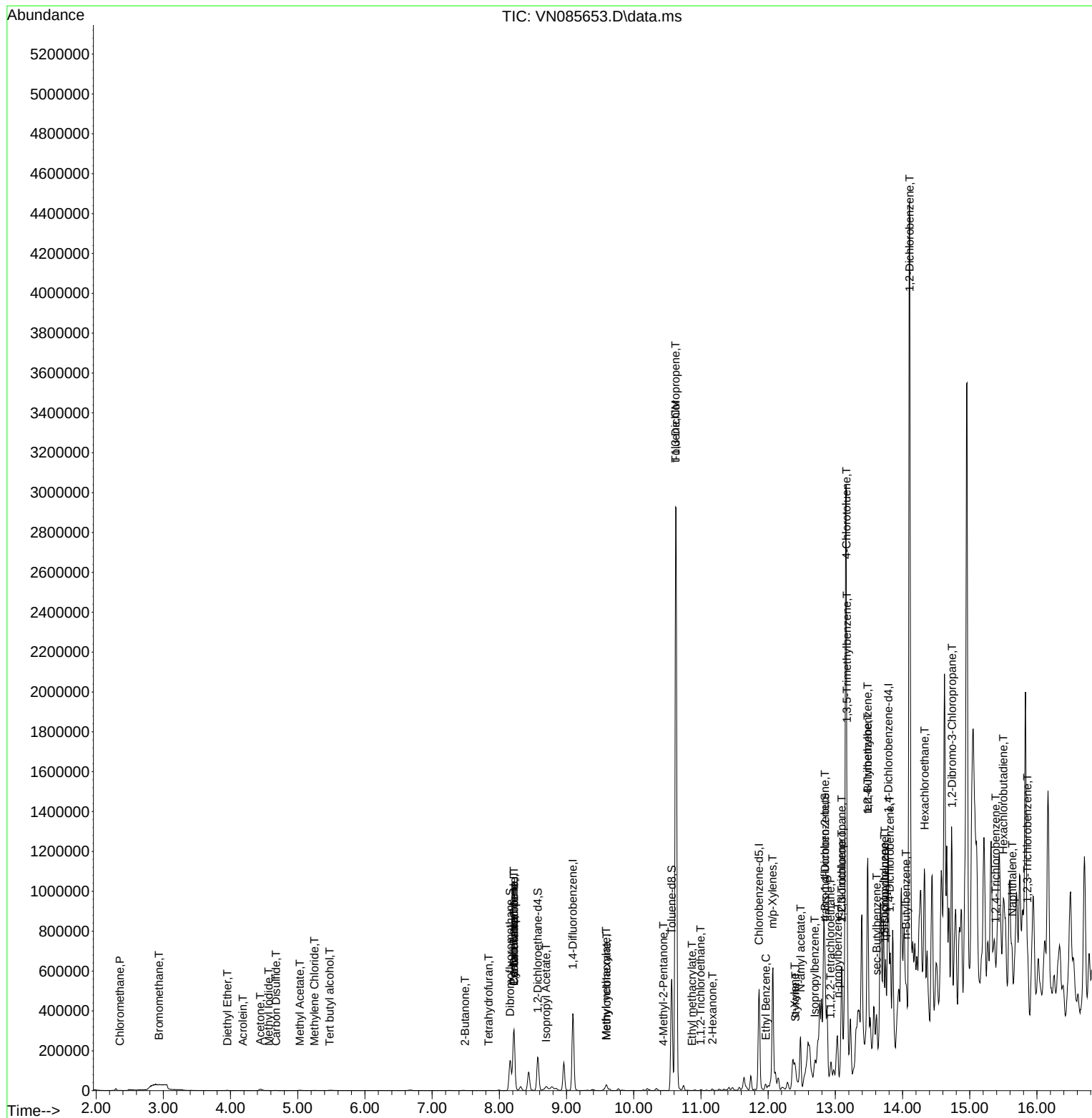
82) 4-Chlorotoluene	13.165	91	16284	2.347	ug/l #	56
83) tert-Butylbenzene	13.482	119	74511	11.810	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.482	105	584499	78.060	ug/l	96
85) sec-Butylbenzene	13.618	105	80934	9.256	ug/l	88
86) p-Isopropyltoluene	13.729	119	55397	7.868	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	1076	0.246	ug/l #	57
88) 1,4-Dichlorobenzene	13.812	146	1592	0.351	ug/l #	1
89) n-Butylbenzene	14.053	91	202951	32.352	ug/l #	74
90) Hexachloroethane	14.329	117	30063	18.060	ug/l #	16
91) 1,2-Dichlorobenzene	14.106	146	1154	0.264	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.735	75	1711	2.916	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.388	180	3009	1.483	ug/l #	1
94) Hexachlorobutadiene	15.500	225	1712	1.589	ug/l	94
95) Naphthalene	15.635	128	99856	16.494	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.859	180	9043	4.405	ug/l #	12

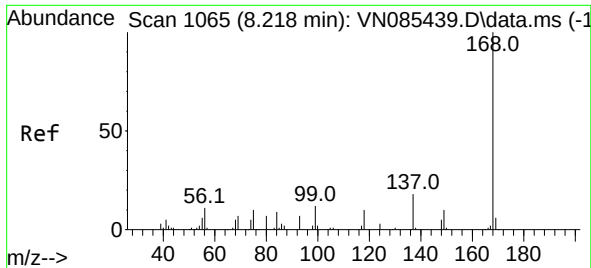
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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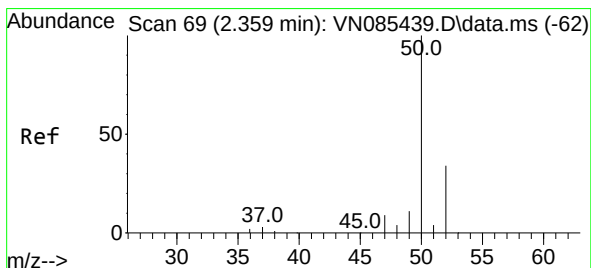
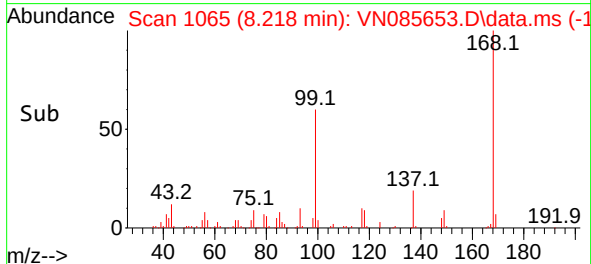
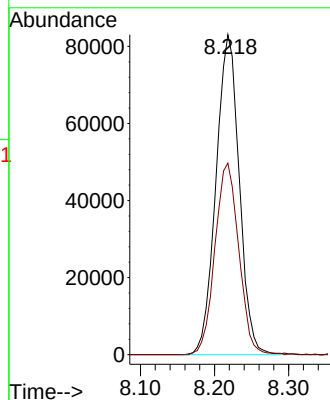
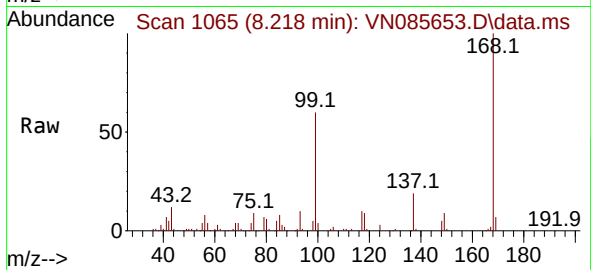




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
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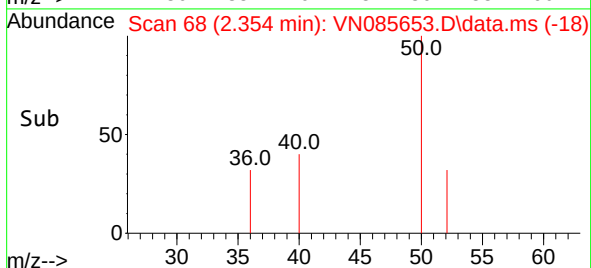
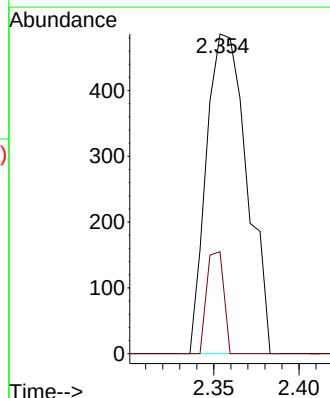
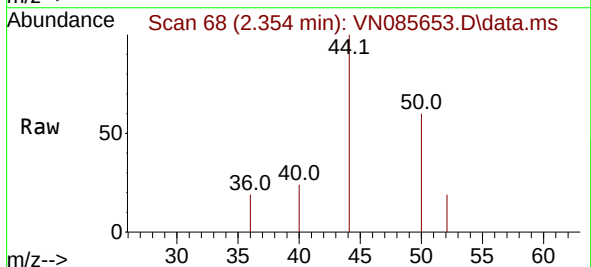
Instrument :
MSVOA_N
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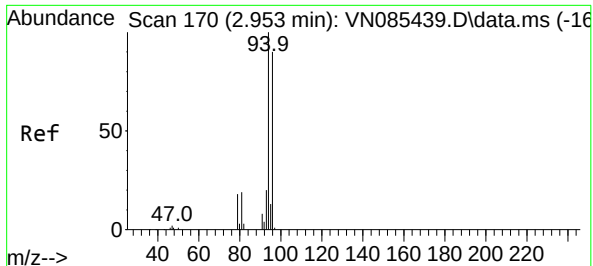
Tgt Ion:168 Resp: 181070
Ion Ratio Lower Upper
168 100
99 59.9 53.6 80.4



#3
Chloromethane
Concen: 0.303 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 50 Resp: 805
Ion Ratio Lower Upper
50 100
52 31.9 27.0 40.6

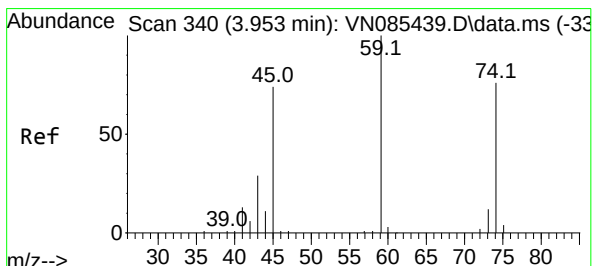
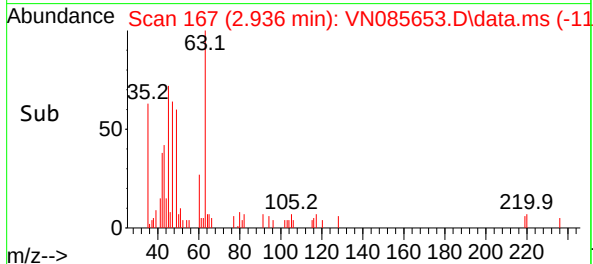
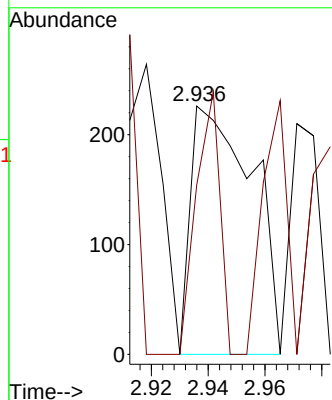
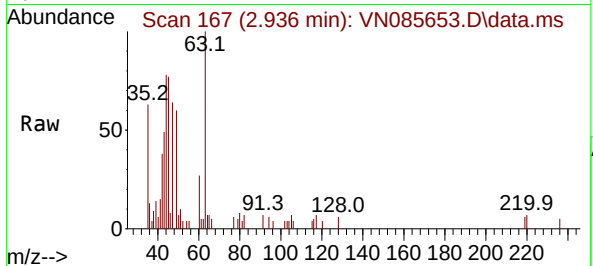




#5
Bromomethane
Concen: 0.212 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

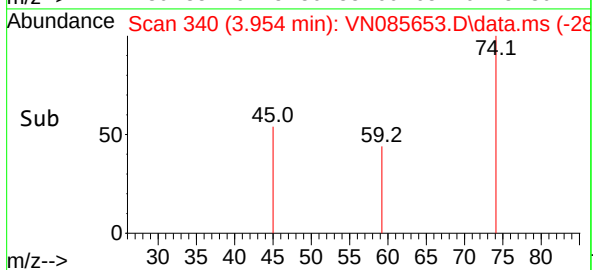
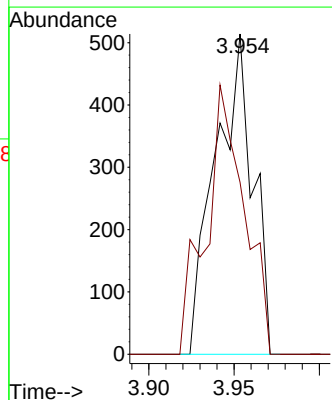
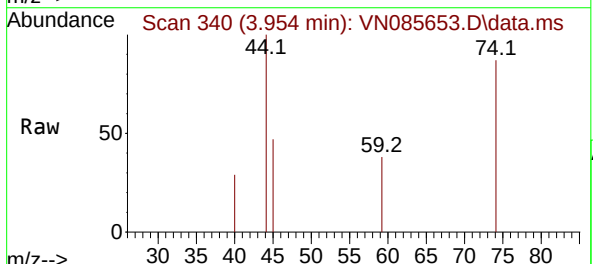
Instrument :
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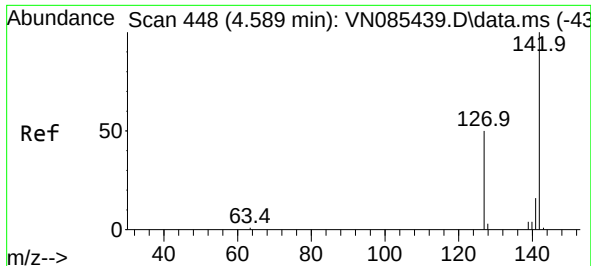
Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 68.1 71.8 107.6#



#8
Diethyl Ether
Concen: 0.585 ug/l
RT: 3.954 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 74 Resp: 783
Ion Ratio Lower Upper
74 100
45 86.3 49.7 149.1

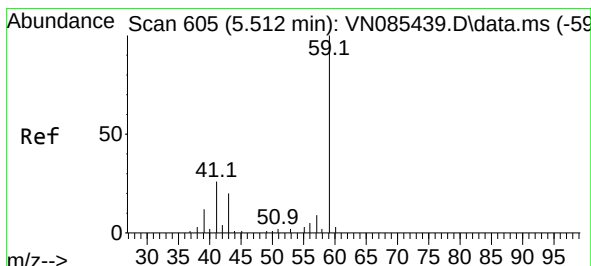
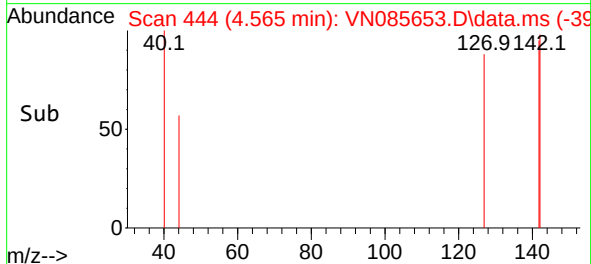
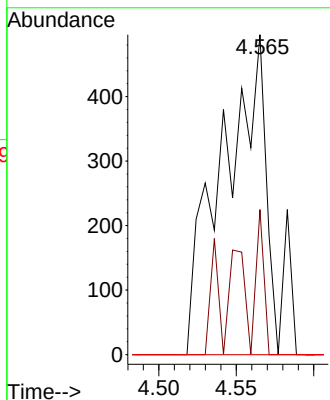
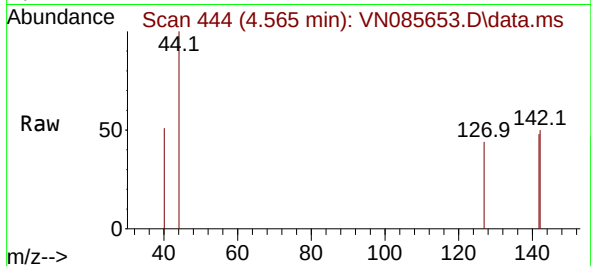




#10
Methyl Iodide
Concen: 0.382 ug/l
RT: 4.565 min Scan# 444
Delta R.T. -0.023 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

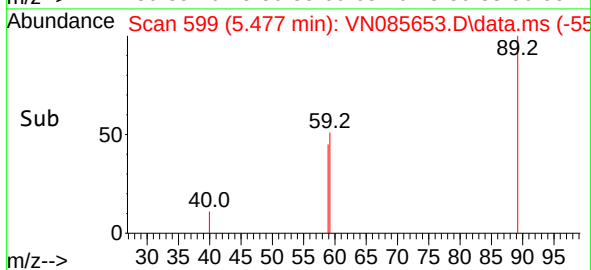
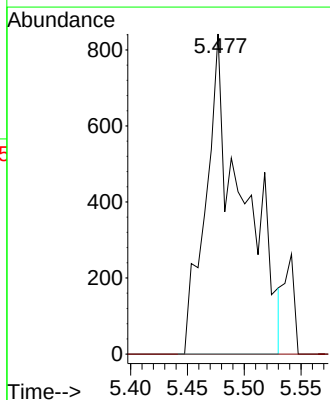
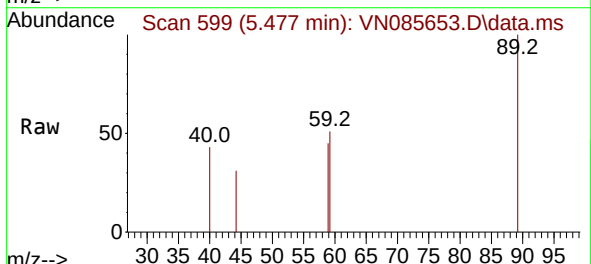
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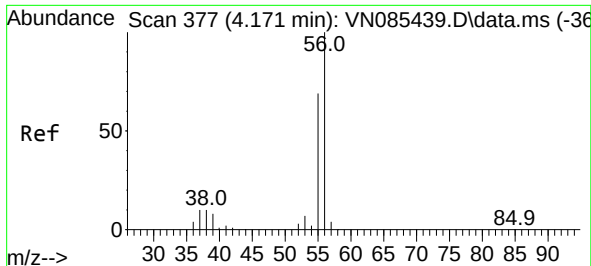
Tgt Ion:142 Resp: 955
Ion Ratio Lower Upper
142 100
127 45.4 40.3 60.5
141 0.0 12.8 19.2#



#11
Tert butyl alcohol
Concen: 5.707 ug/l
RT: 5.477 min Scan# 599
Delta R.T. -0.035 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 59 Resp: 1910
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

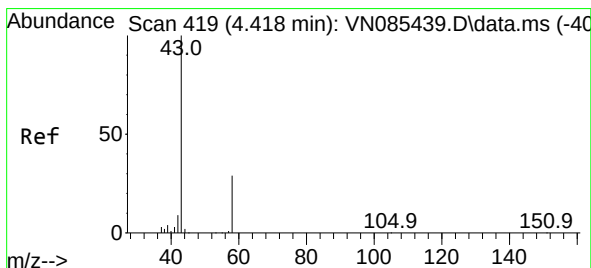
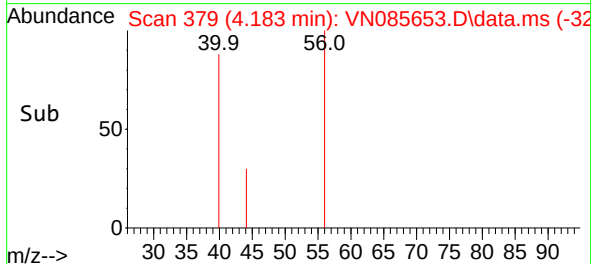
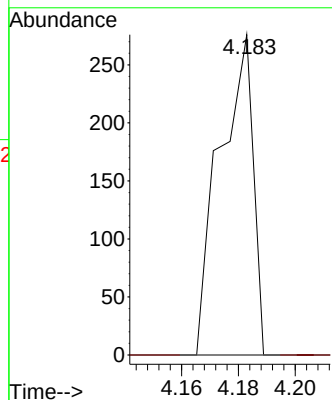
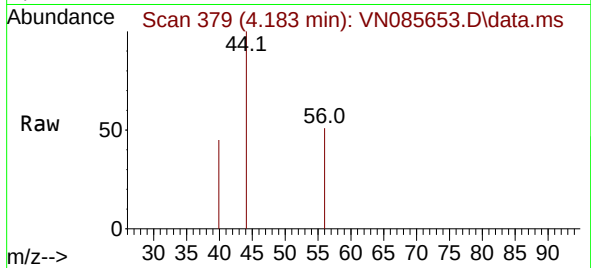




#13
Acrolein
Concen: 0.490 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

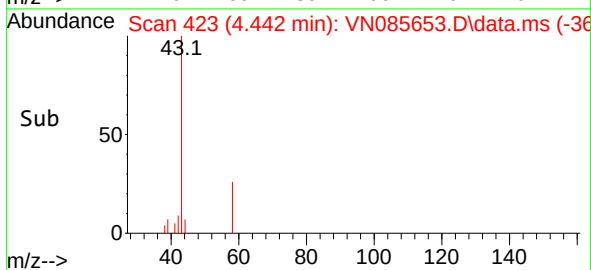
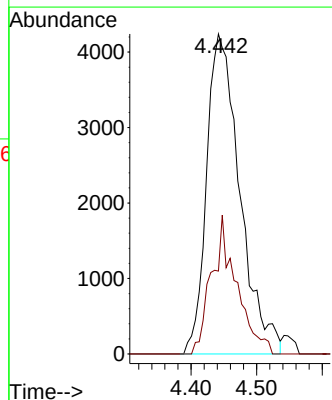
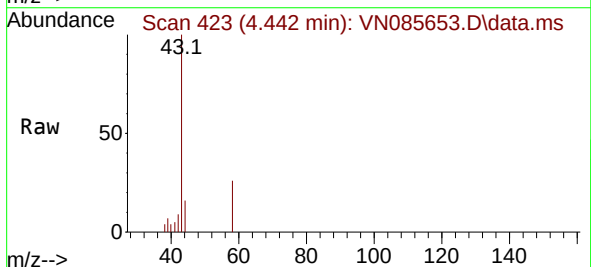
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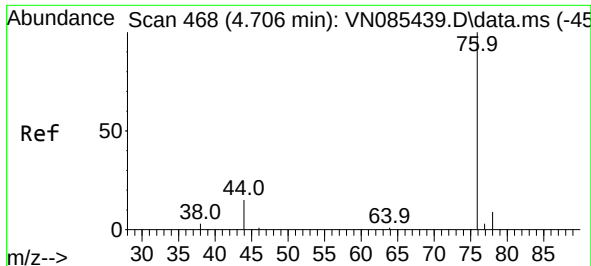
Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#16
Acetone
Concen: 15.789 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 43 Resp: 14911
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.6

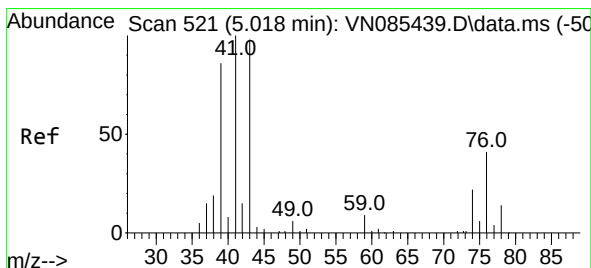
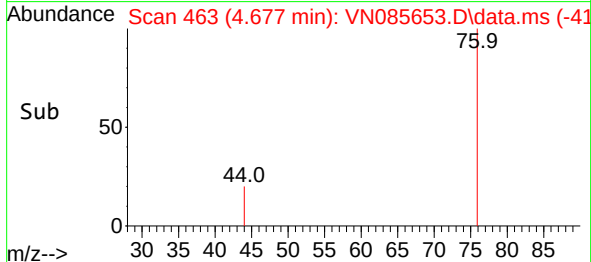
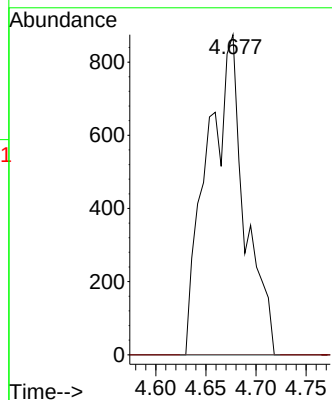
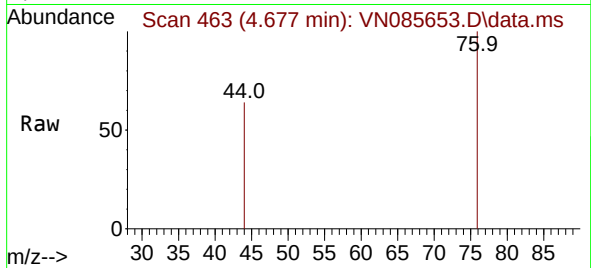




#17
Carbon Disulfide
Concen: 0.379 ug/l
RT: 4.677 min Scan# 41
Delta R.T. -0.029 min
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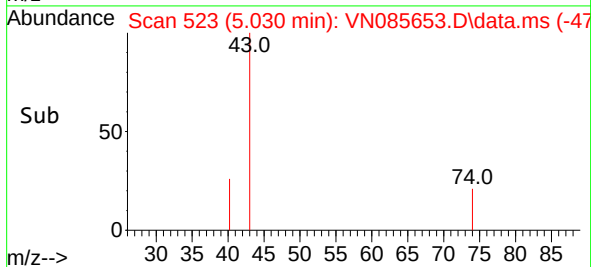
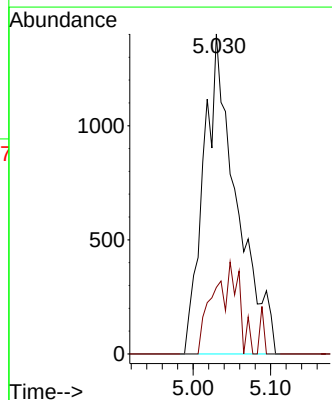
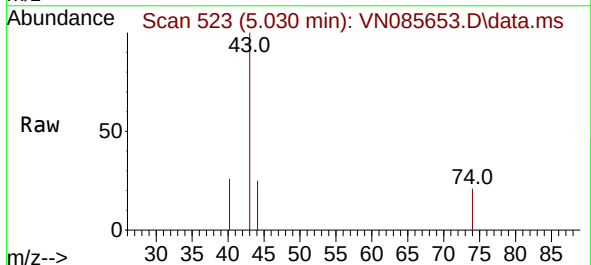
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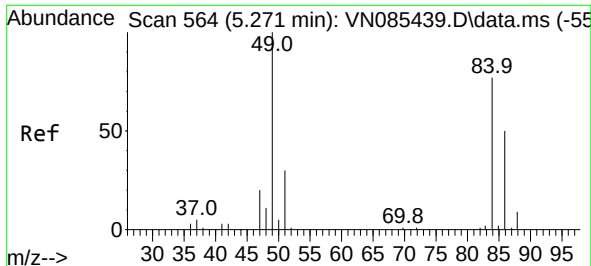
Tgt Ion: 76 Resp: 2269
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#18
Methyl Acetate
Concen: 1.439 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 43 Resp: 4133
Ion Ratio Lower Upper
43 100
74 12.2 18.6 28.0#

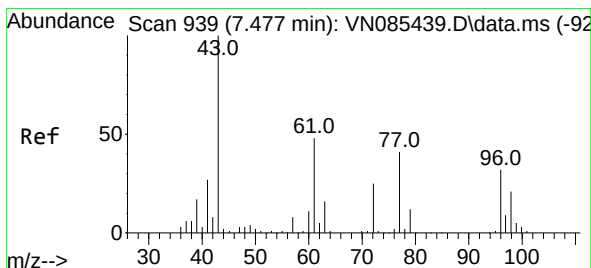
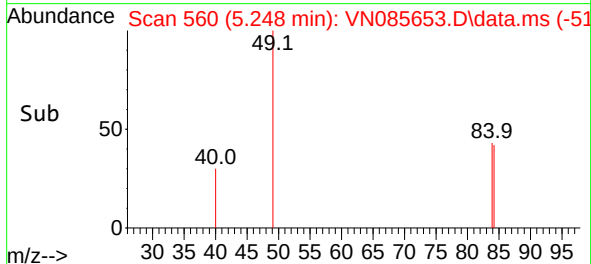
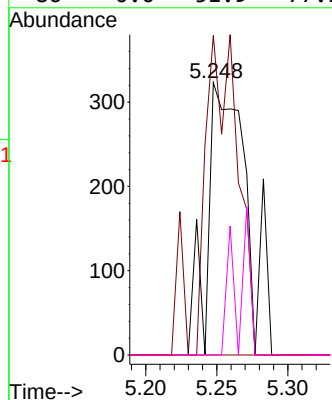
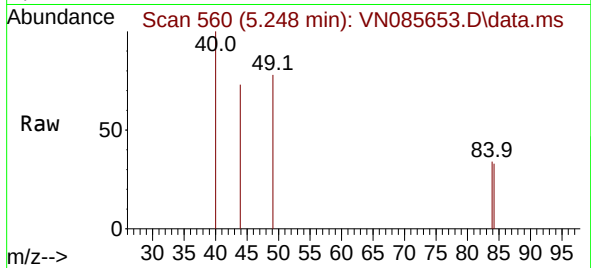




#20
Methylene Chloride
Concen: 0.269 ug/l
RT: 5.248 min Scan# 51
Delta R.T. -0.023 min
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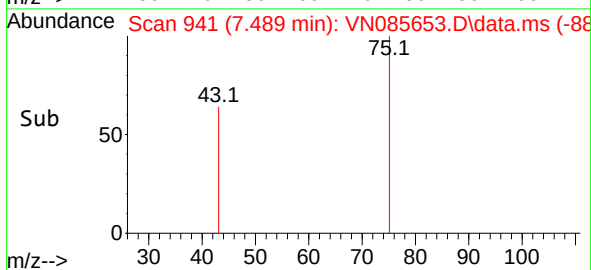
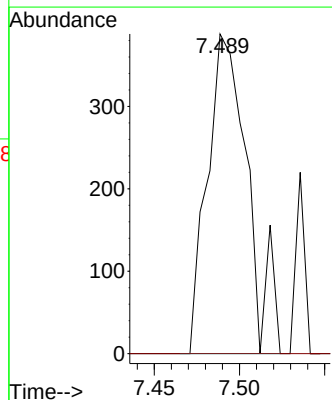
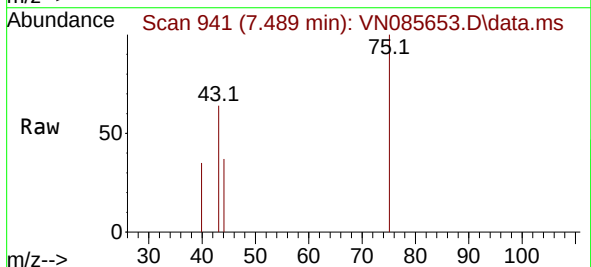
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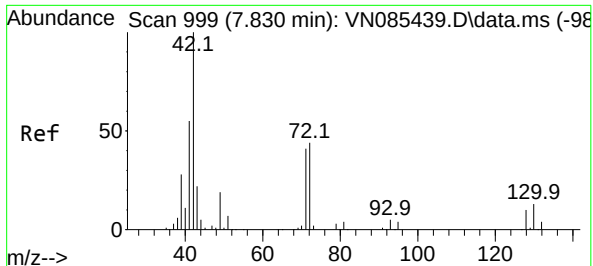
Tgt Ion: 84 Resp: 629
Ion Ratio Lower Upper
84 100
49 117.3 104.1 156.1
51 0.0 31.0 46.4#
86 0.0 51.9 77.9#



#25
2-Butanone
Concen: 0.458 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#





#29

Tetrahydrofuran

Concen: 0.819 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

BELL-25-002ME

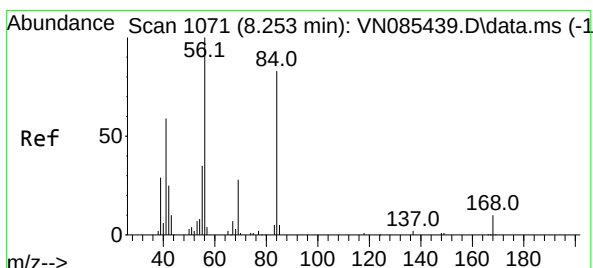
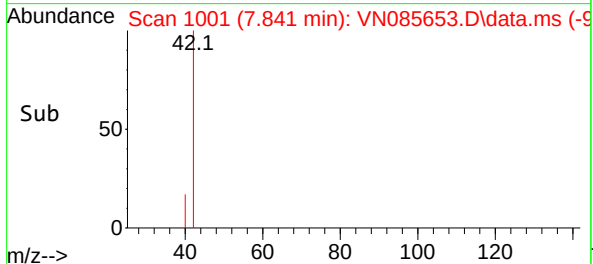
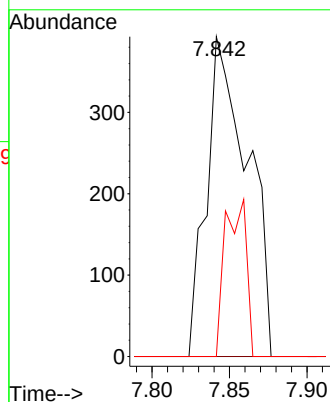
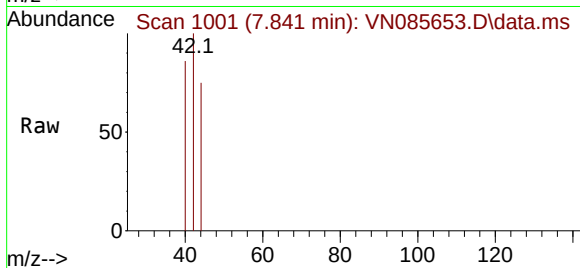
Tgt Ion: 42 Resp: 722

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.2#

71 25.6 32.5 48.7#



#31

Cyclohexane

Concen: 4.681 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

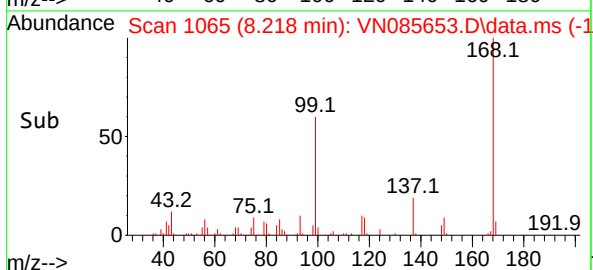
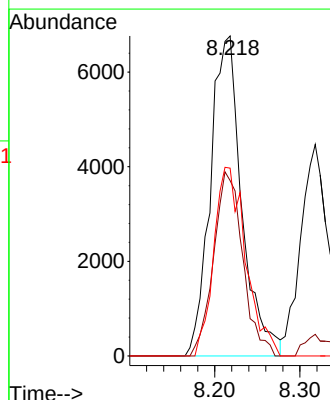
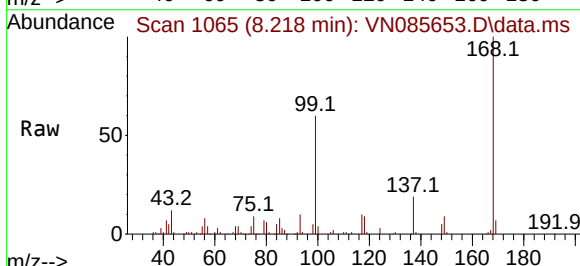
Tgt Ion: 56 Resp: 17365

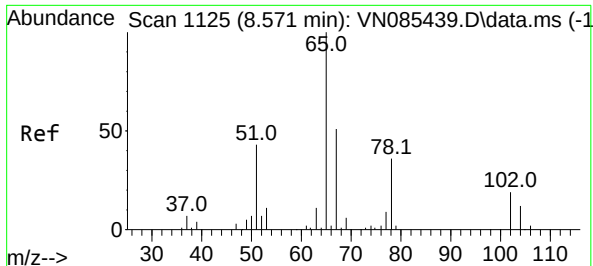
Ion Ratio Lower Upper

56 100

69 54.8 22.2 33.4#

84 58.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 45.444 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

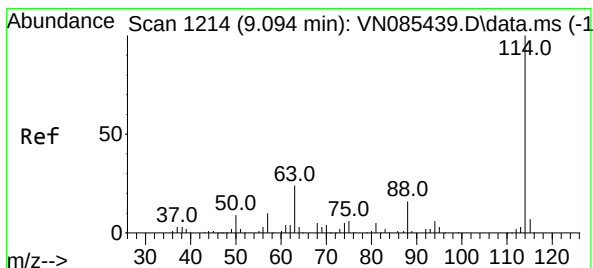
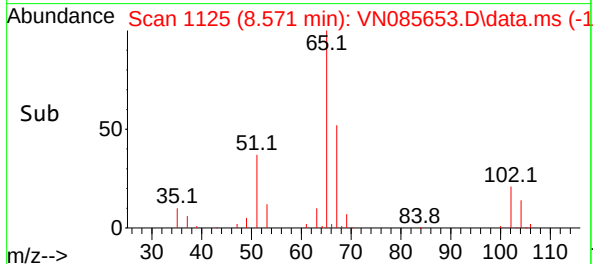
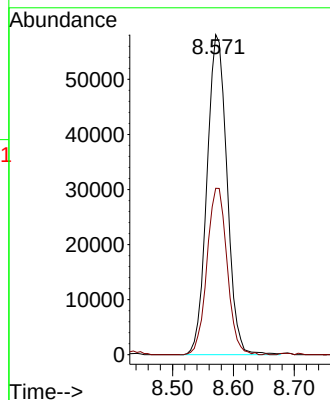
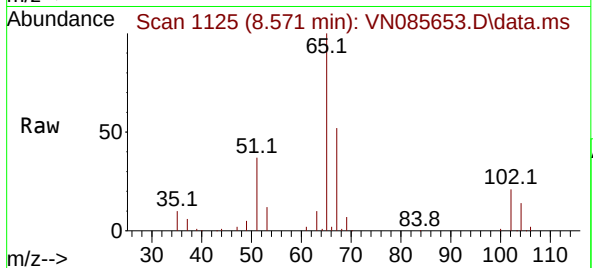
BELL-25-002ME

Tgt Ion: 65 Resp: 132827

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

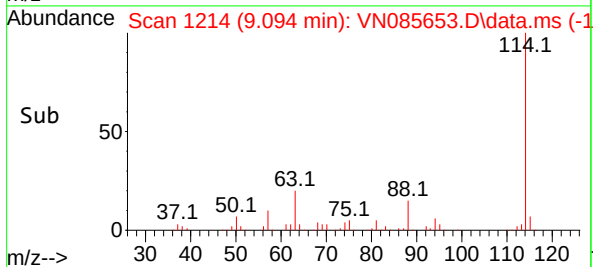
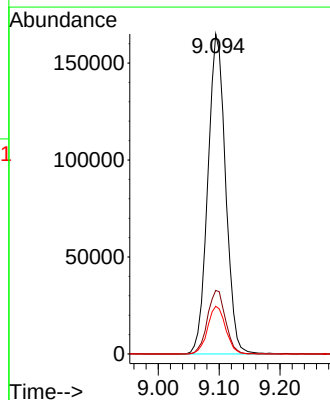
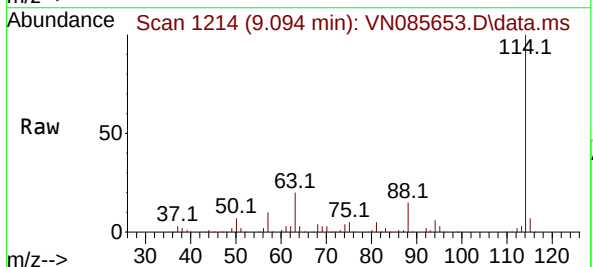
Tgt Ion: 114 Resp: 334201

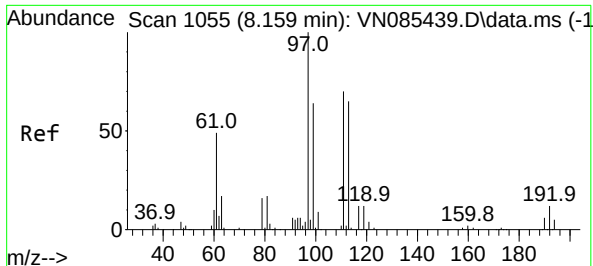
Ion Ratio Lower Upper

114 100

63 19.9 0.0 47.6

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.984 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

BELL-25-002ME

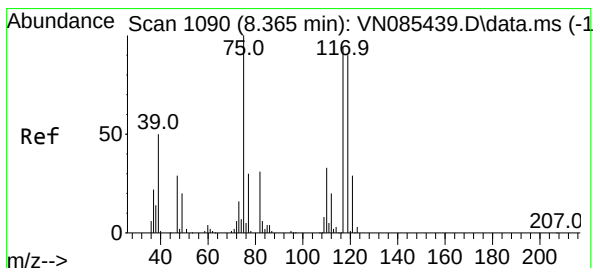
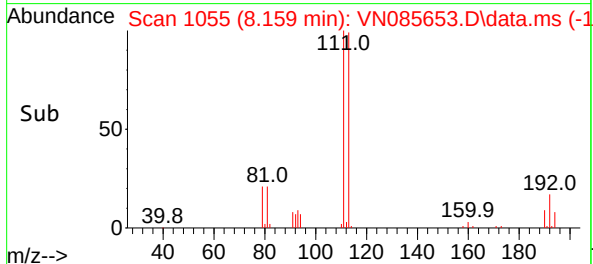
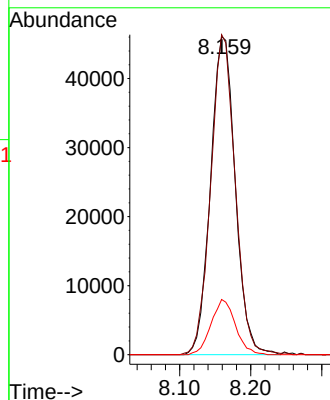
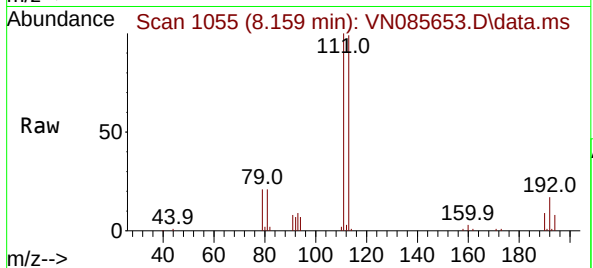
Tgt Ion:113 Resp: 111253

Ion Ratio Lower Upper

113 100

111 99.4 82.7 124.1

192 17.1 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.935 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

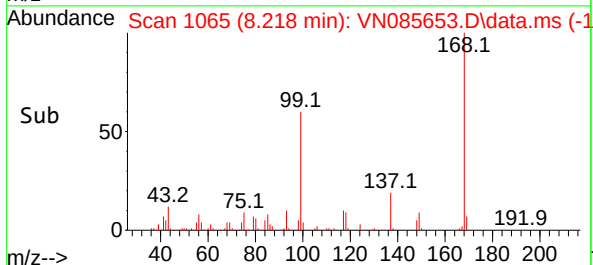
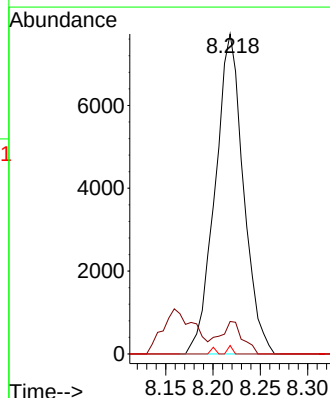
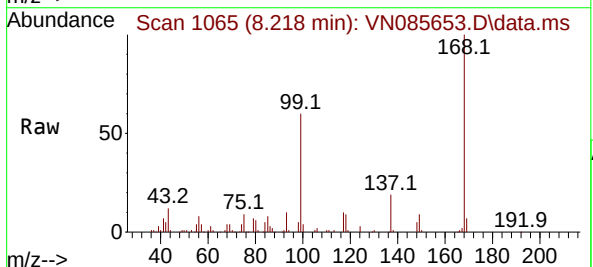
Tgt Ion: 75 Resp: 16057

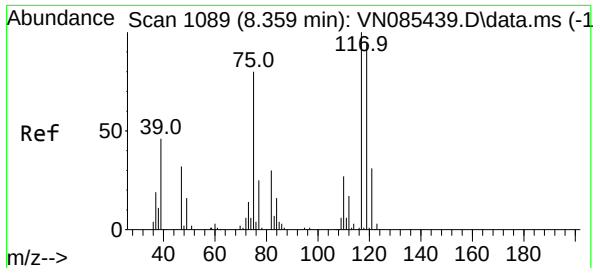
Ion Ratio Lower Upper

75 100

110 8.2 16.5 49.5#

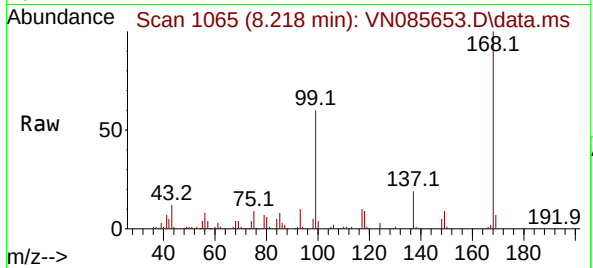
77 0.4 24.4 36.6#



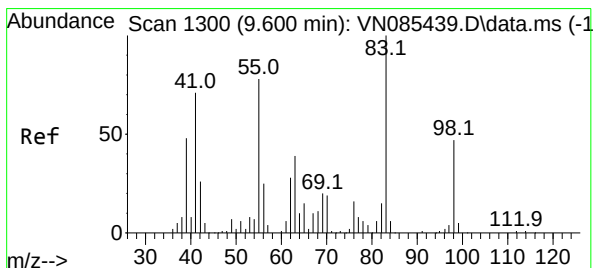
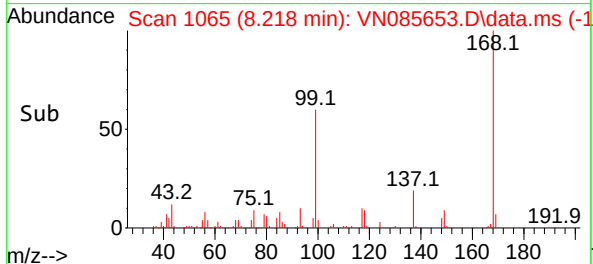
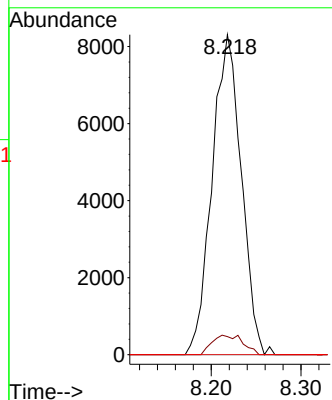


#38
Carbon Tetrachloride
Concen: 5.045 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

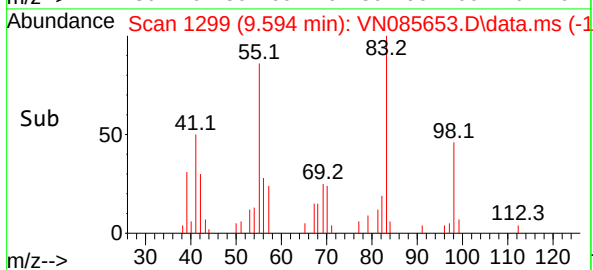
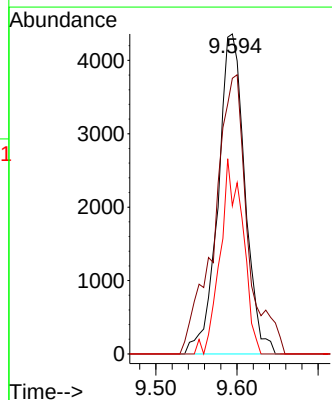
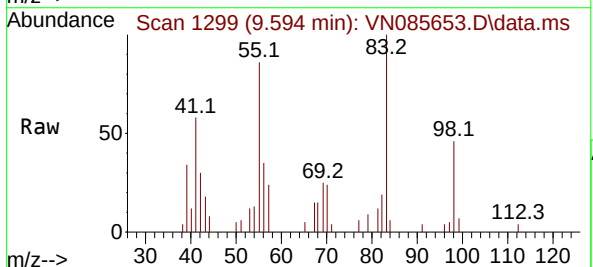


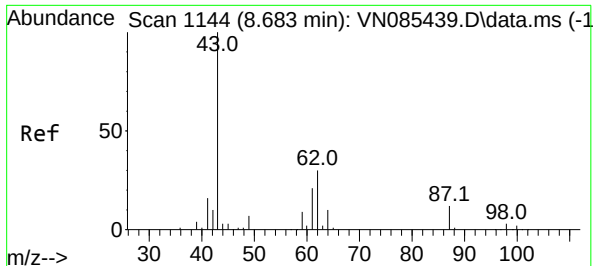
Tgt Ion:117 Resp: 18795
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 3.273 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 83 Resp: 10009
Ion Ratio Lower Upper
83 100
55 86.2 62.6 94.0
98 46.3 37.7 56.5

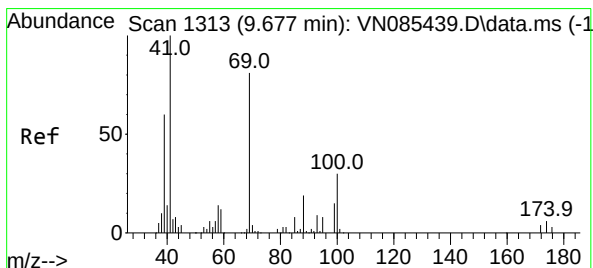
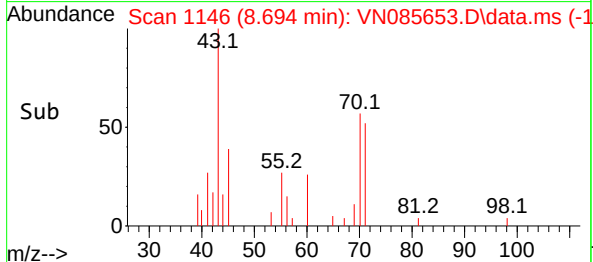
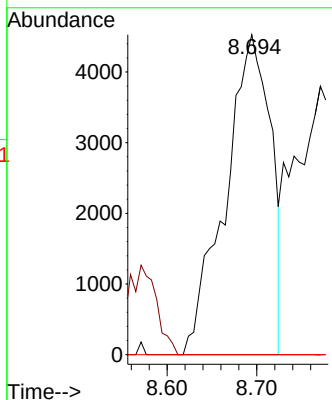
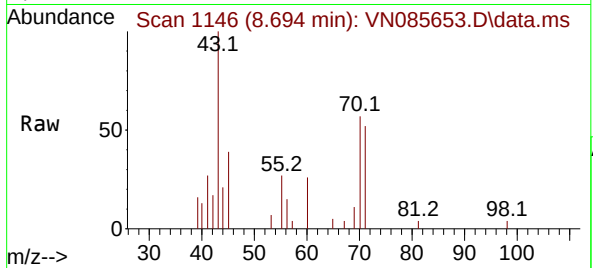




#43
Isopropyl Acetate
Concen: 3.029 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

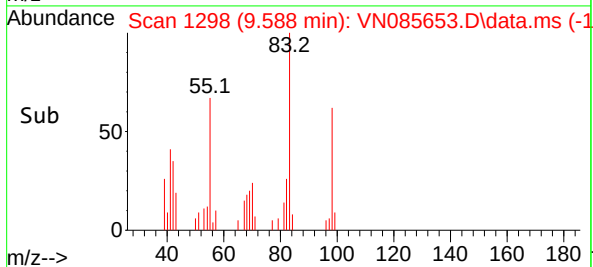
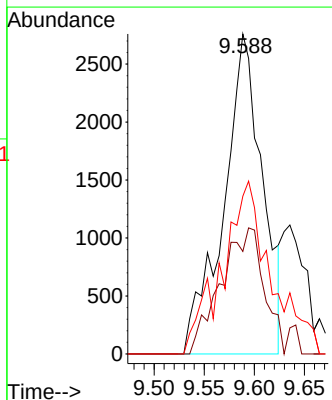
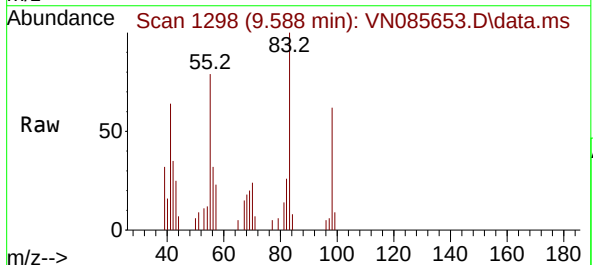
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

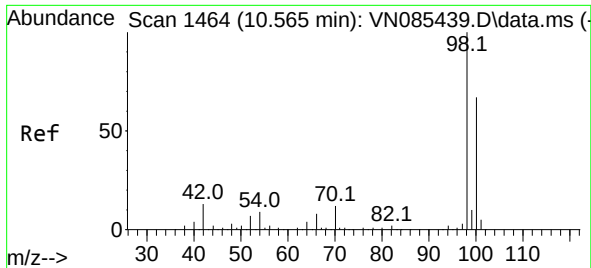
Tgt Ion: 43 Resp: 15941
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#48
Methyl methacrylate
Concen: 3.139 ug/l
RT: 9.588 min Scan# 1298
Delta R.T. -0.089 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 41 Resp: 7434
Ion Ratio Lower Upper
41 100
69 44.0 64.7 97.1#
39 59.0 49.0 73.6

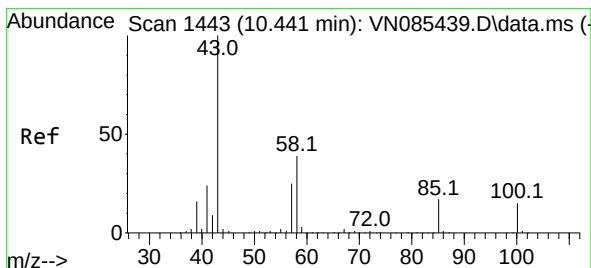
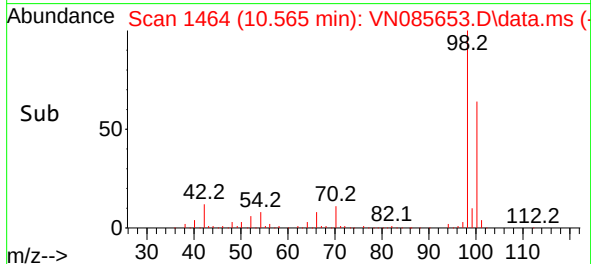
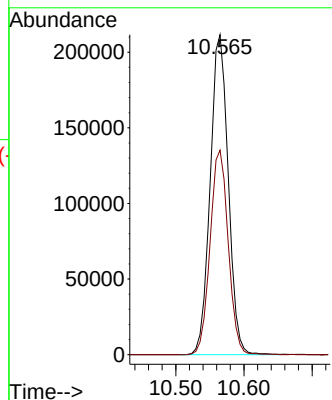
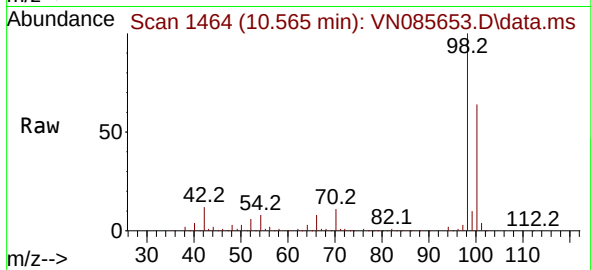




#50
Toluene-d8
Concen: 47.330 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

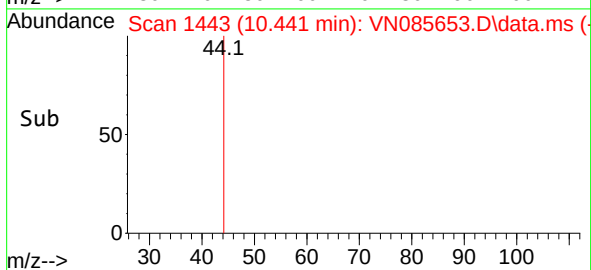
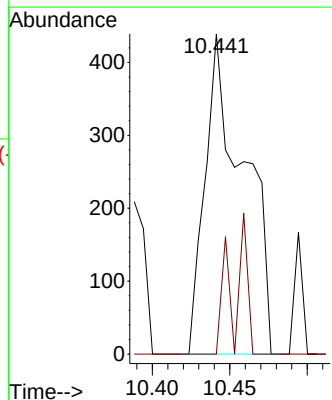
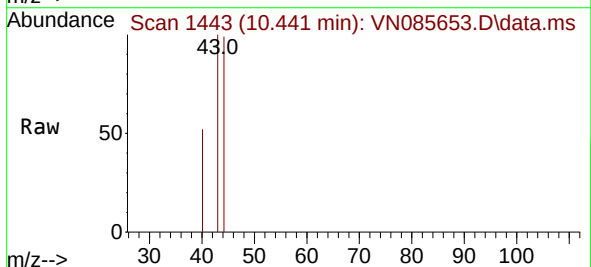
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

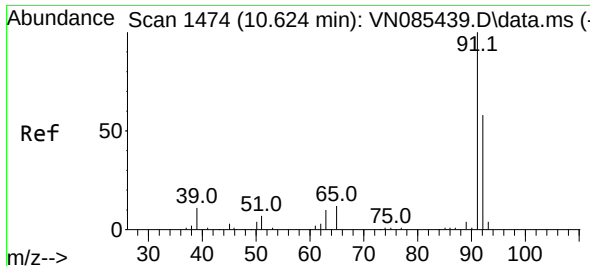
Tgt Ion: 98 Resp: 389893
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.249 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#

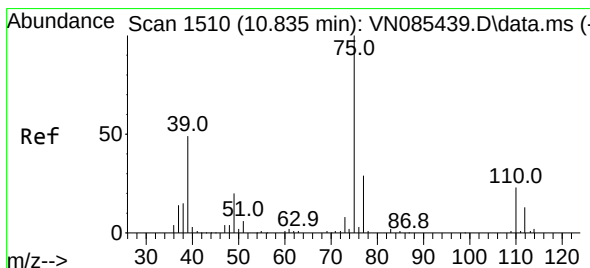
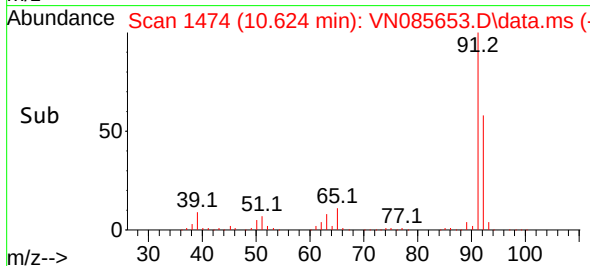
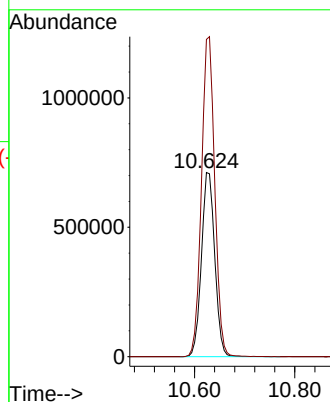
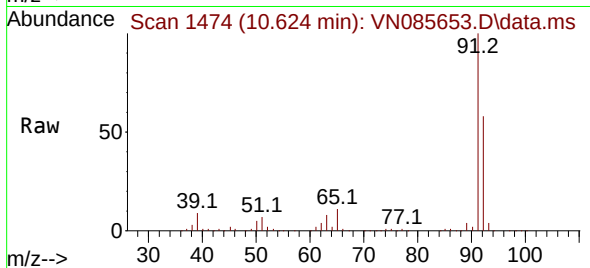




#52
Toluene
Concen: 231.155 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

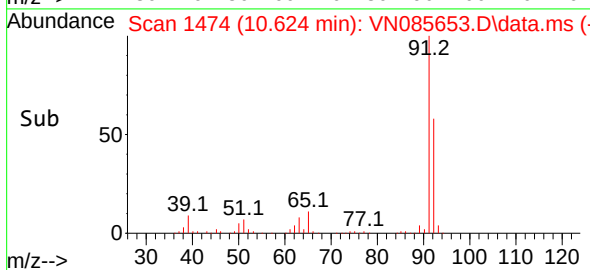
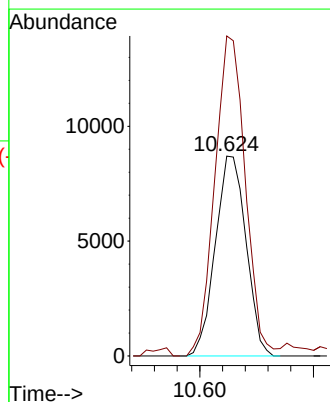
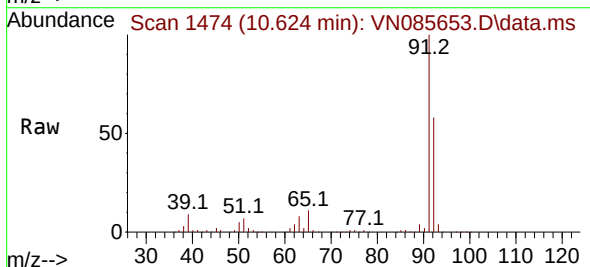
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

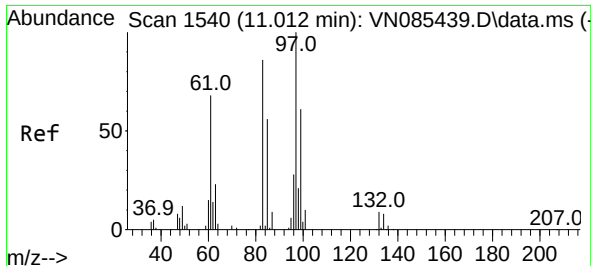
Tgt Ion: 92 Resp: 1309528
Ion Ratio Lower Upper
92 100
91 173.4 139.2 208.8



#53
t-1,3-Dichloropropene
Concen: 4.702 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.212 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 75 Resp: 16312
Ion Ratio Lower Upper
75 100
77 160.1 23.5 35.3#

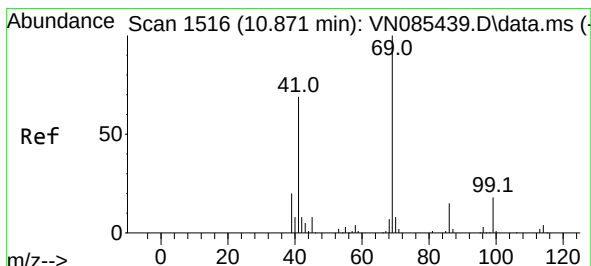
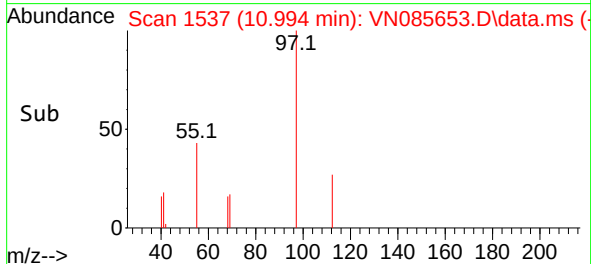
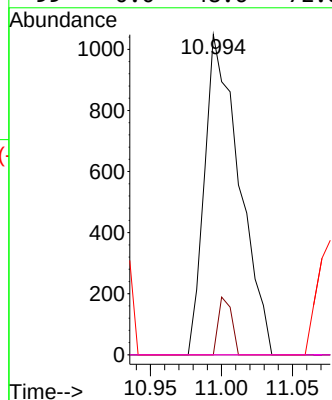
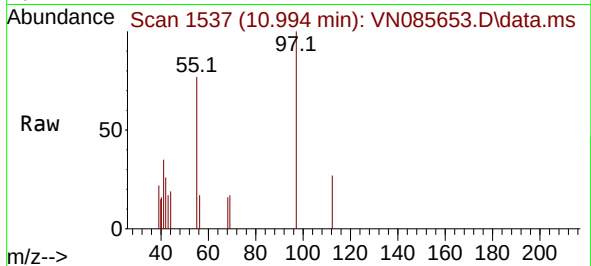




#55
1,1,2-Trichloroethane
Concen: 0.796 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.018 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

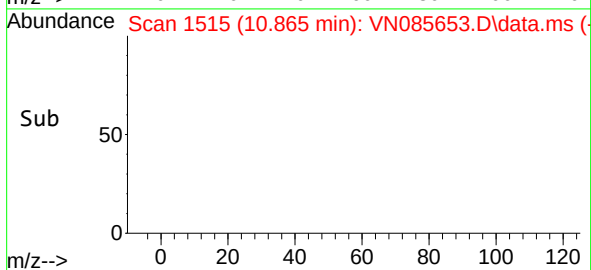
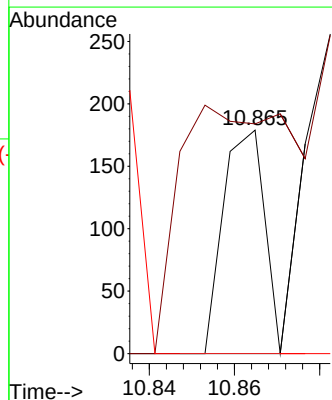
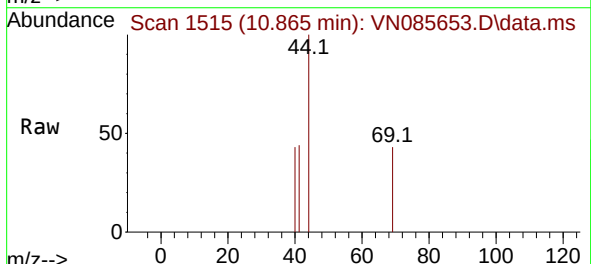
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

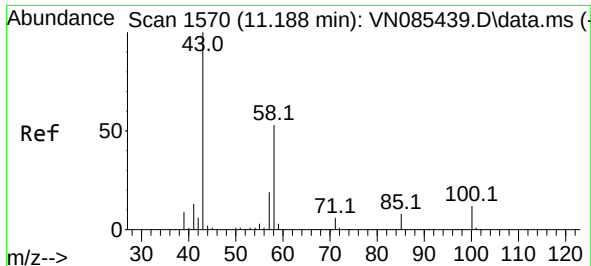
Tgt Ion: 97	Resp: 1784
Ion Ratio	Lower Upper
97 100	
83 0.0	69.0 103.6#
85 0.0	44.6 66.8#
99 0.0	48.6 72.8#



#56
Ethyl methacrylate
Concen: 1.962 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 69	Resp:	120	
Ion Ratio	Lower	Upper	
69 100			
41 0.0	54.6	82.0#	
39 0.0	32.4	48.6#	

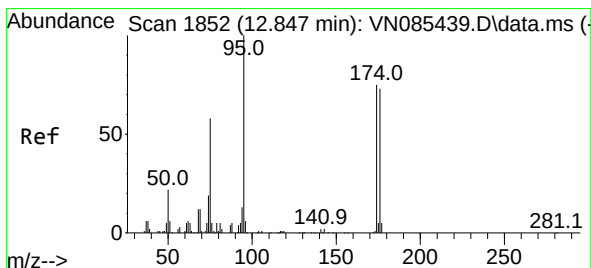
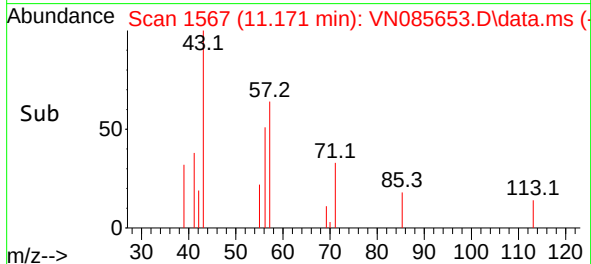
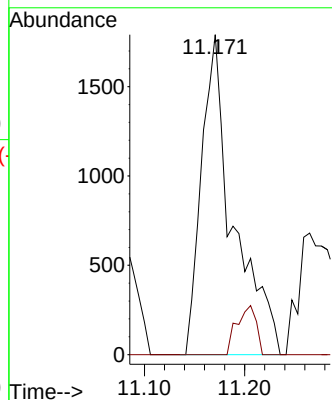
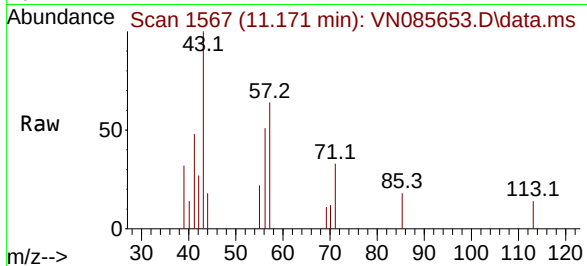




#59
2-Hexanone
Concen: 1.830 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

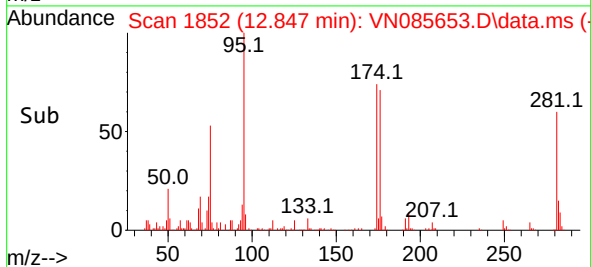
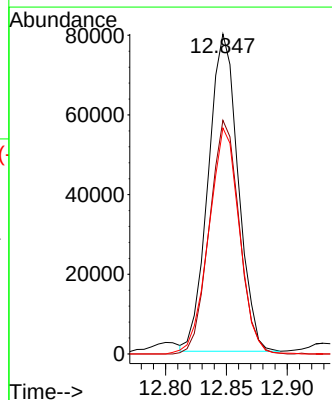
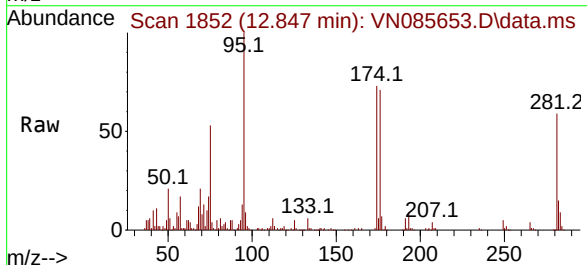
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

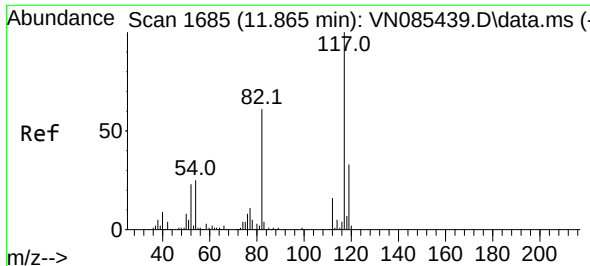
Tgt Ion: 43 Resp: 3933
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.6#



#62
4-Bromofluorobenzene
Concen: 48.326 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 95 Resp: 136179
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.0
176 72.9 0.0 142.4

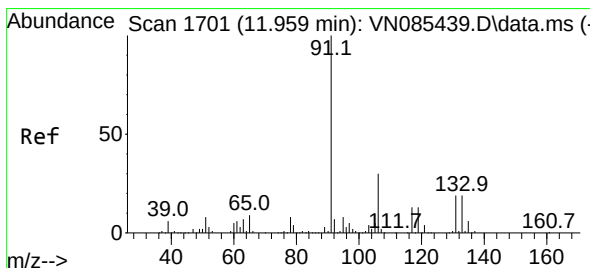
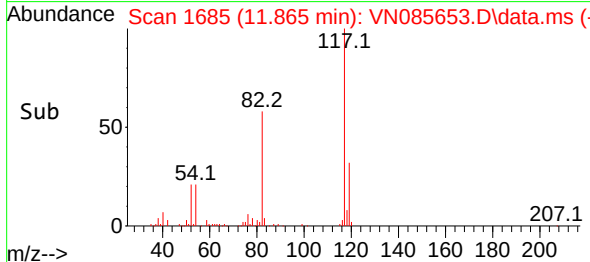
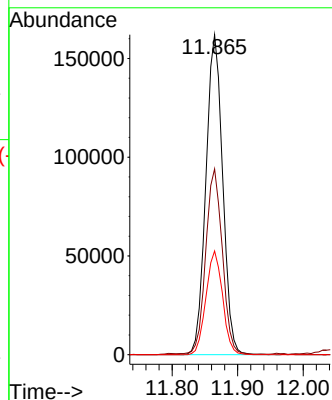
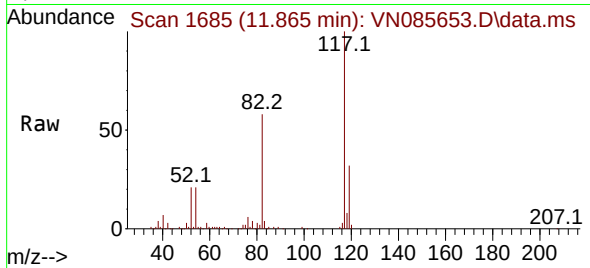




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

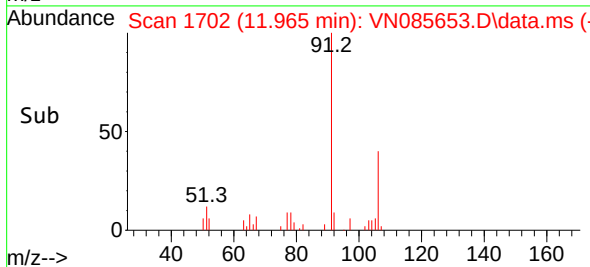
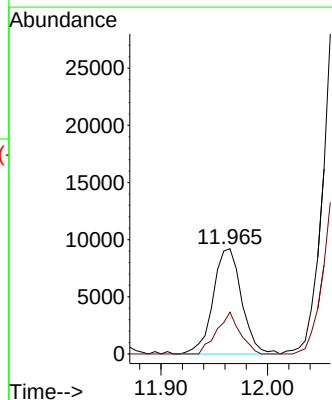
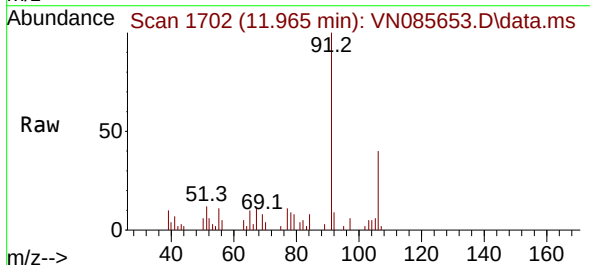
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

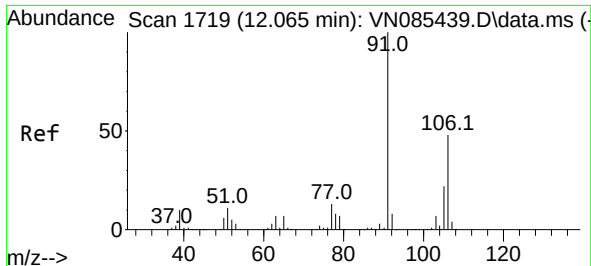
Tgt Ion:117 Resp: 288907
Ion Ratio Lower Upper
117 100
82 57.8 48.6 72.8
119 32.4 26.6 39.8



#67
Ethyl Benzene
Concen: 1.661 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 91 Resp: 17119
Ion Ratio Lower Upper
91 100
106 39.7 23.8 35.8#

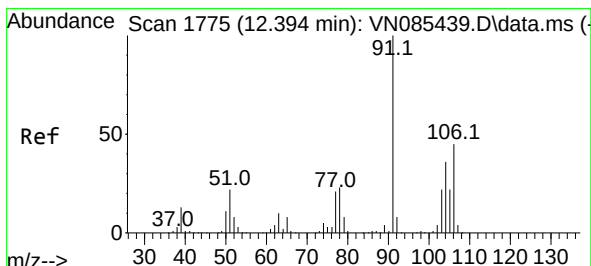
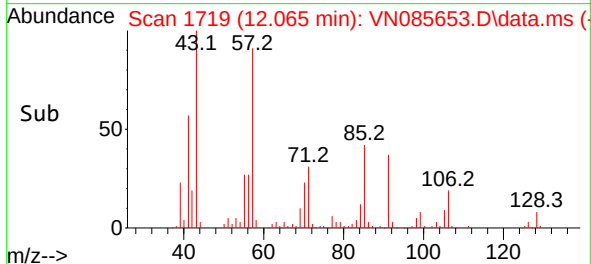
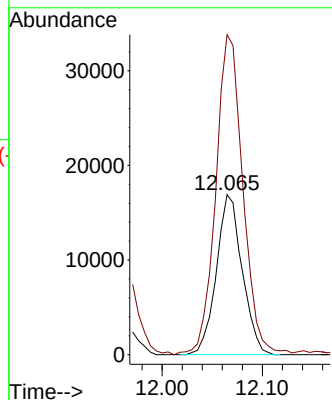
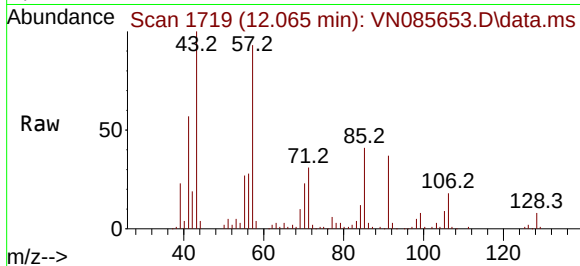




#68
m/p-Xylenes
Concen: 7.926 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

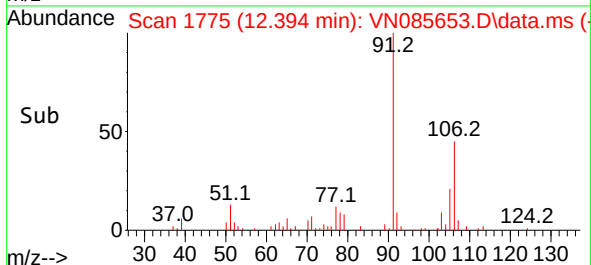
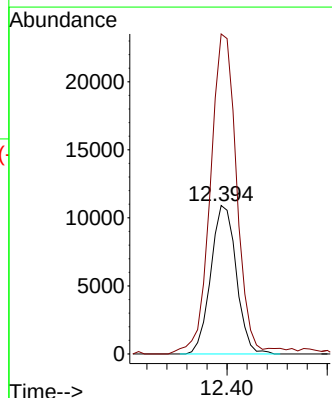
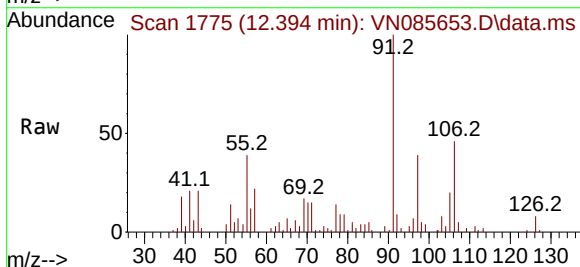
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

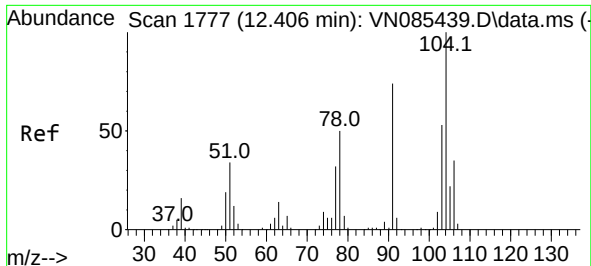
Tgt Ion:106 Resp: 30196
Ion Ratio Lower Upper
106 100
91 210.0 167.7 251.5



#69
o-Xylene
Concen: 5.287 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion:106 Resp: 19248
Ion Ratio Lower Upper
106 100
91 222.0 110.4 331.2

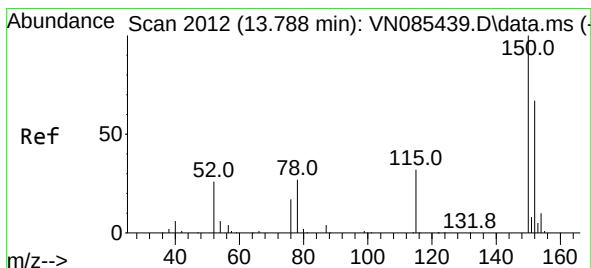
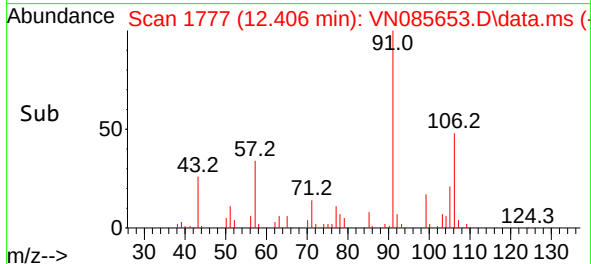
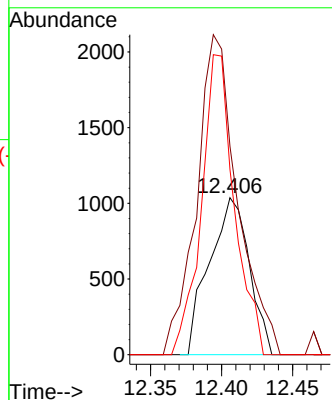
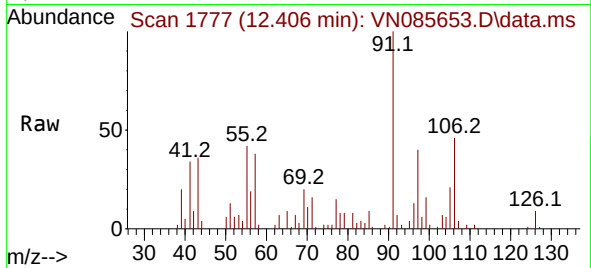




#70
Styrene
Concen: 0.337 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

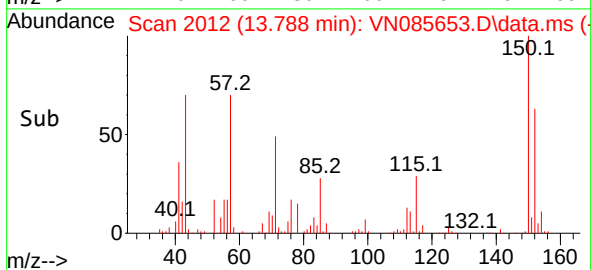
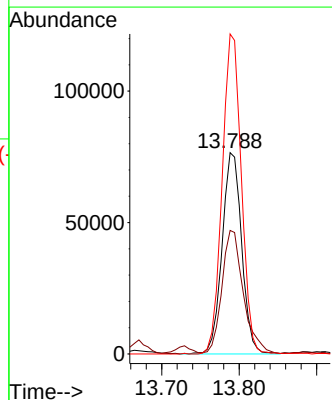
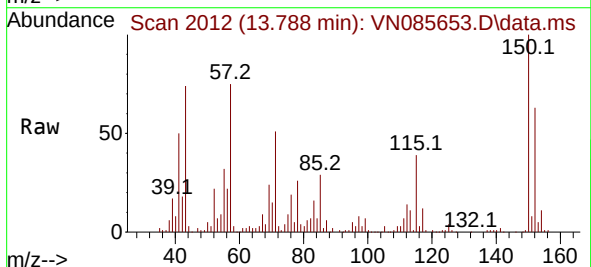
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

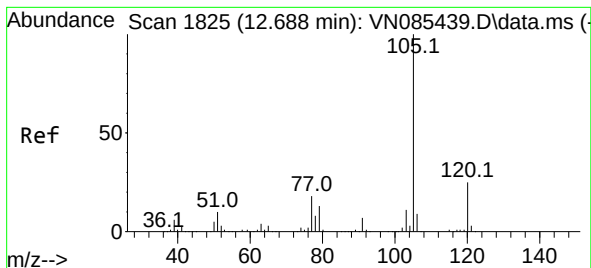
Tgt Ion:104 Resp: 2029
Ion Ratio Lower Upper
104 100
78 208.9 42.5 63.7#
103 158.2 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion:152 Resp: 134763
Ion Ratio Lower Upper
152 100
115 66.6 31.1 93.3
150 155.3 0.0 343.6





#73

Isopropylbenzene

Concen: 2.440 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

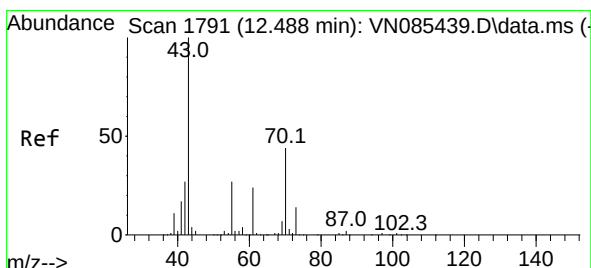
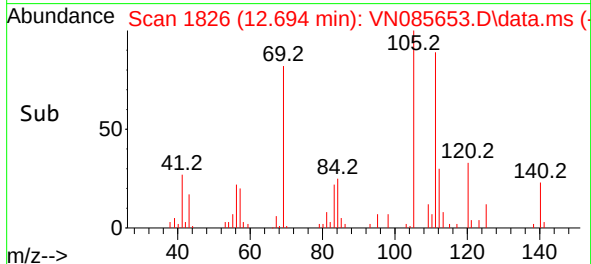
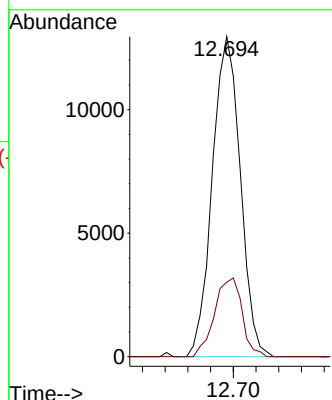
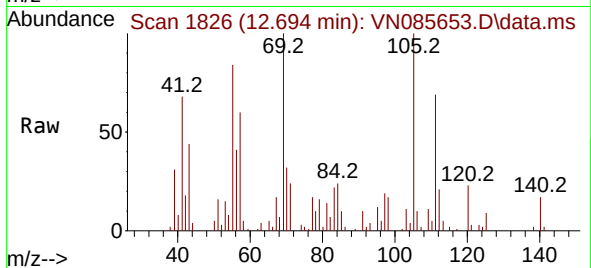
BELL-25-002ME

Tgt Ion:105 Resp: 22196

Ion Ratio Lower Upper

105 100

120 24.1 12.8 38.3



#74

N-ethyl acetate

Concen: 11.840 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

Tgt Ion: 43 Resp: 48402

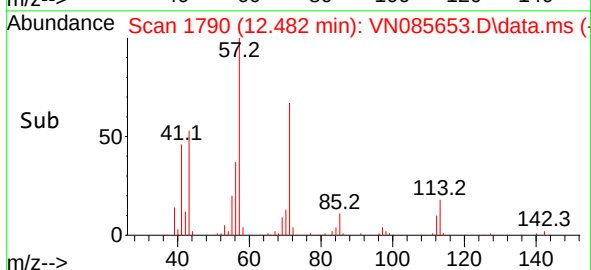
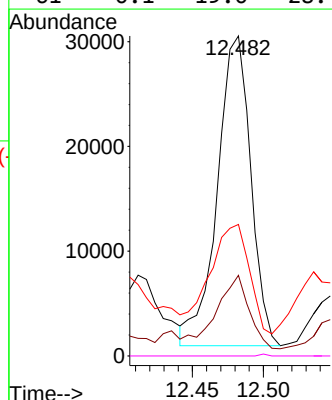
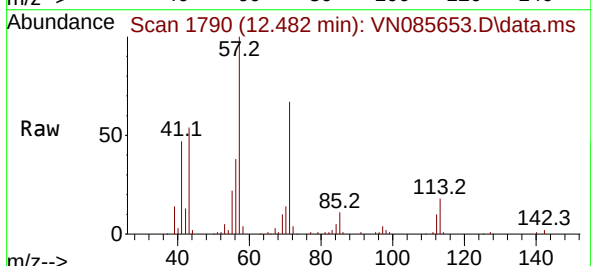
Ion Ratio Lower Upper

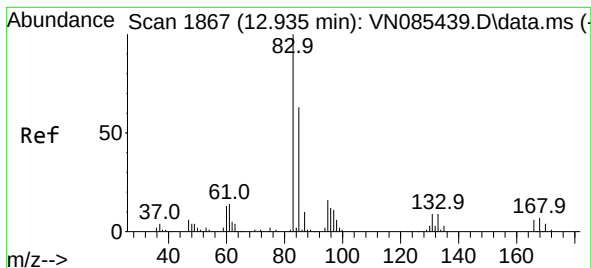
43 100

70 21.7 34.0 51.0#

55 41.9 21.4 32.2#

61 0.1 19.0 28.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.083 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

BELL-25-002ME

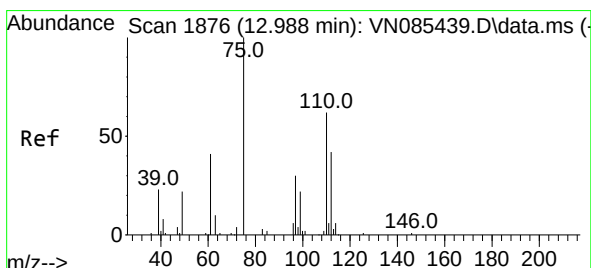
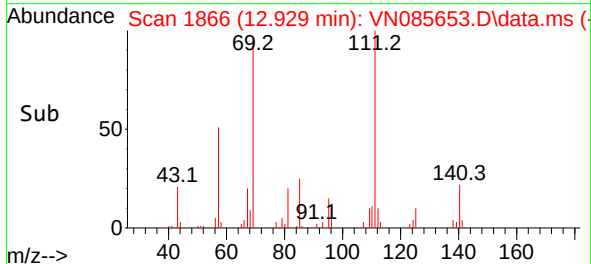
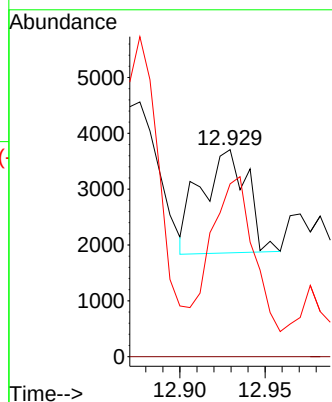
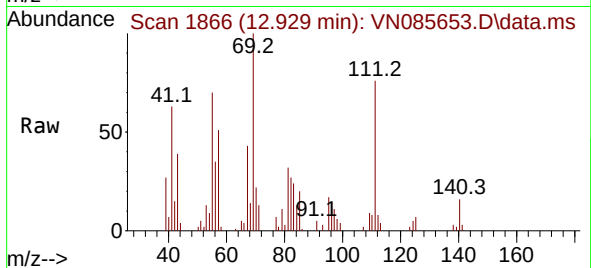
Tgt Ion: 83 Resp: 3480

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 0.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 1.132 ug/l

RT: 13.094 min Scan# 1894

Delta R.T. 0.106 min

Lab File: VN085653.D

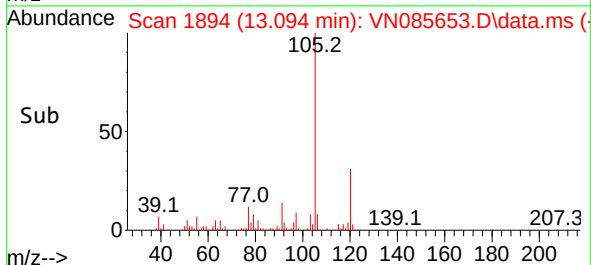
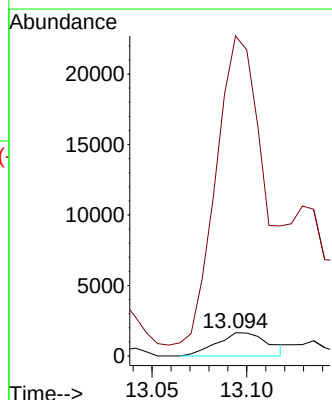
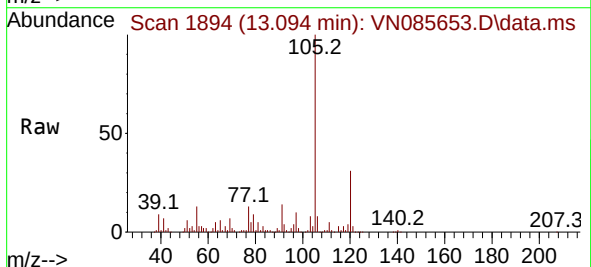
Acq: 04 Feb 2025 15:49

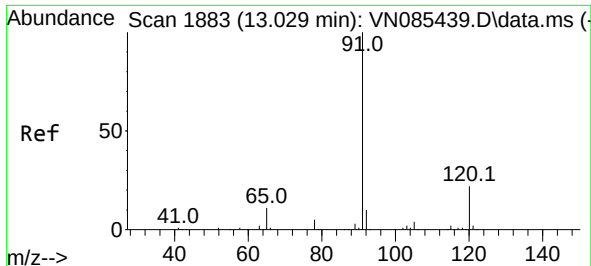
Tgt Ion: 75 Resp: 3102

Ion Ratio Lower Upper

75 100

77 1243.0 109.7 329.2#

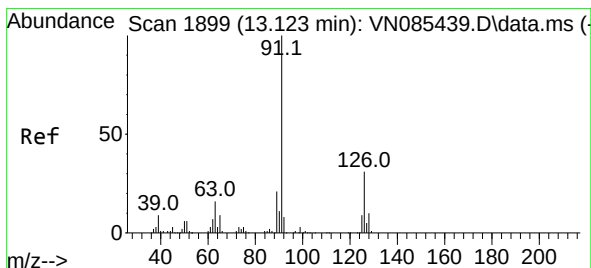
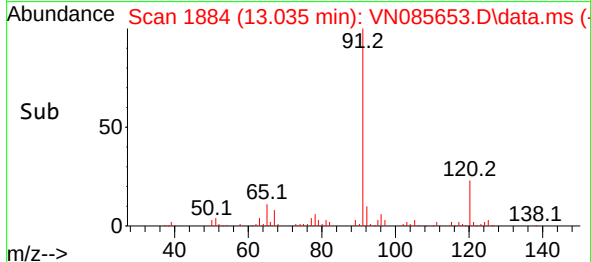
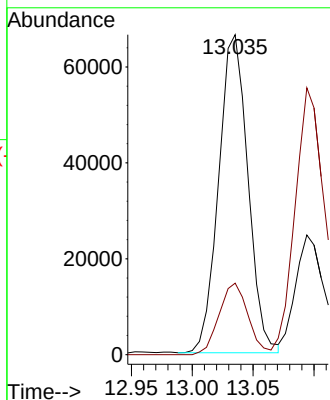
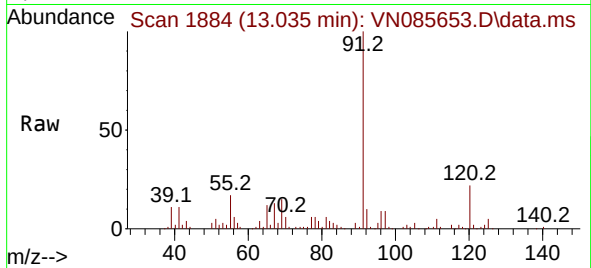




#78
n-propylbenzene
Concen: 10.324 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

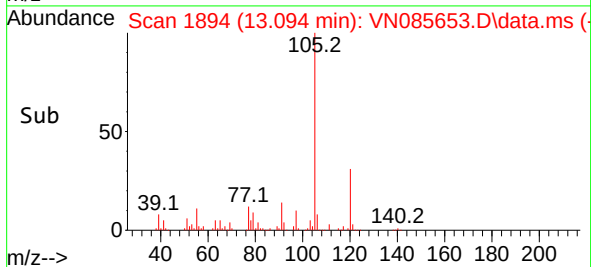
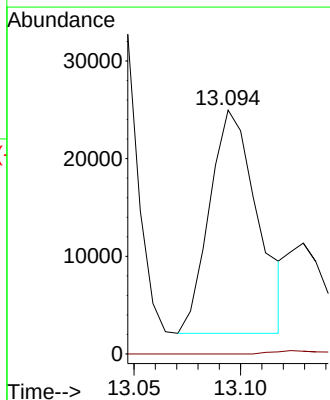
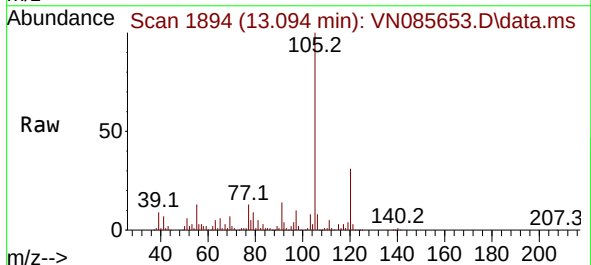
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

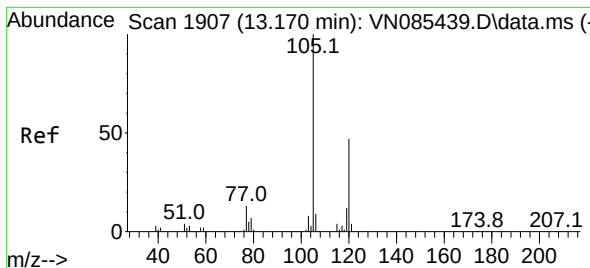
Tgt Ion: 91 Resp: 111164
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.6



#79
2-Chlorotoluene
Concen: 5.130 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 91 Resp: 35748
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#





#80

1,3,5-Trimethylbenzene

Concen: 19.182 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

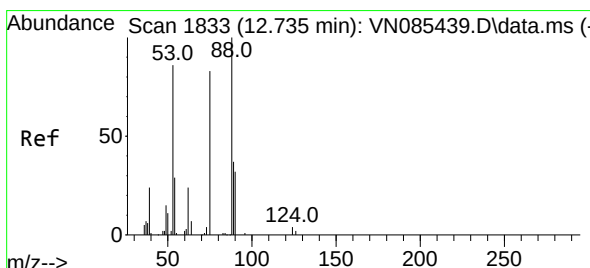
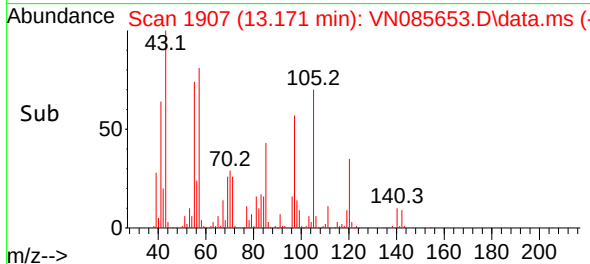
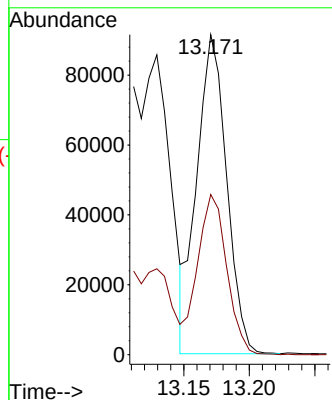
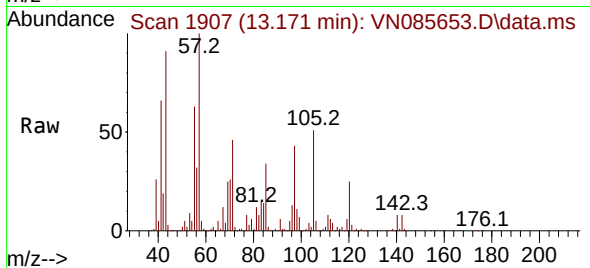
BELL-25-002ME

Tgt Ion:105 Resp: 144109

Ion Ratio Lower Upper

105 100

120 49.7 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 77.352 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

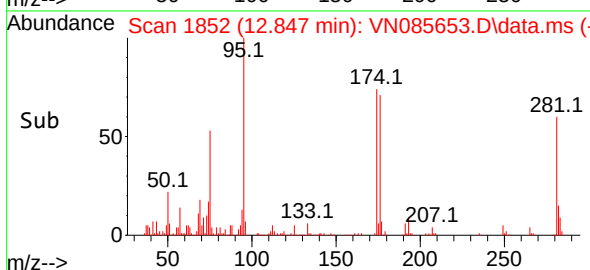
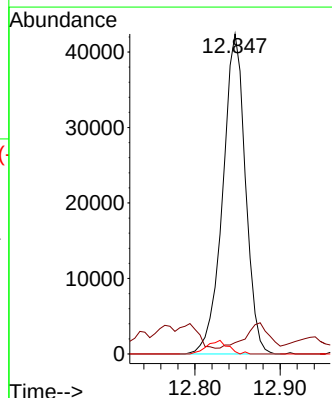
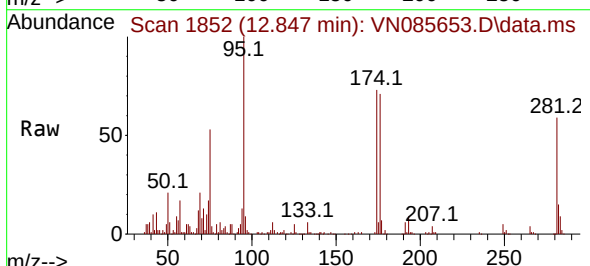
Tgt Ion: 75 Resp: 78310

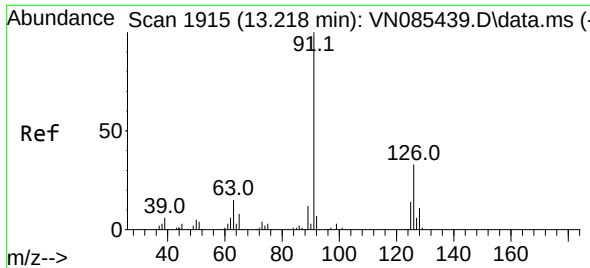
Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 3.9 37.0 55.6#

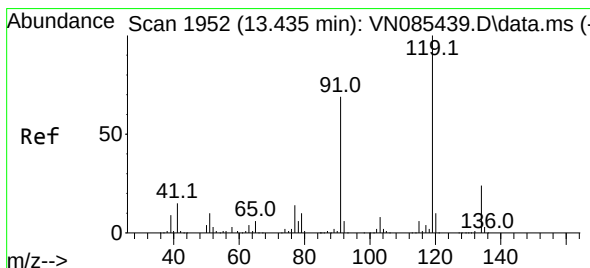
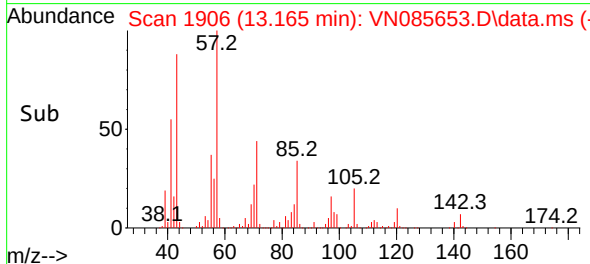
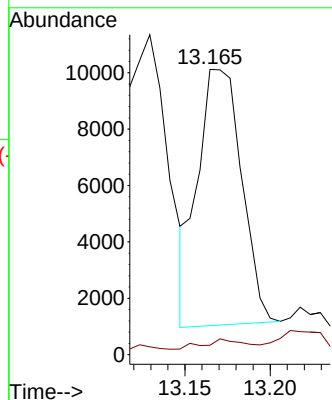
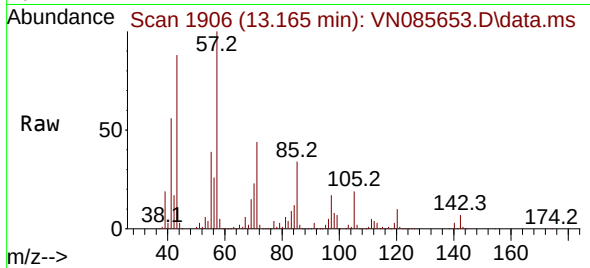




#82
4-Chlorotoluene
Concen: 2.347 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. -0.053 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

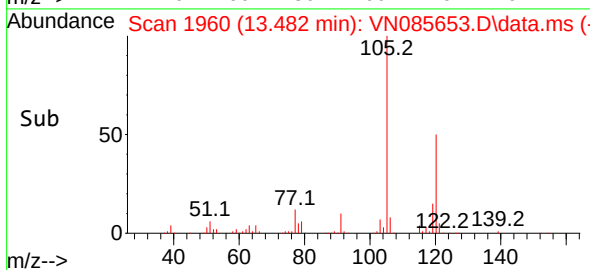
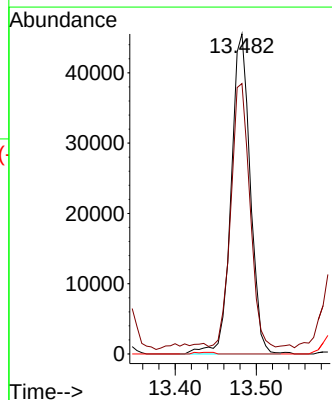
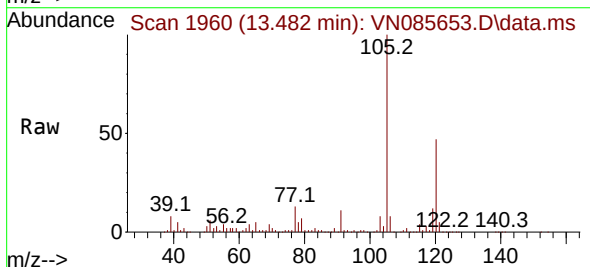
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

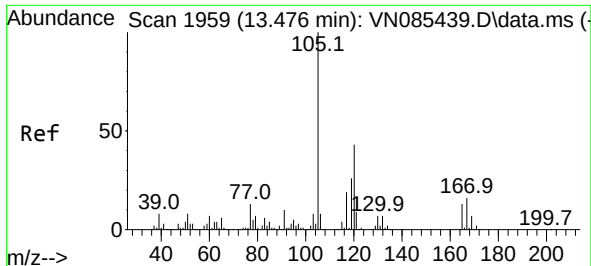
Tgt Ion: 91 Resp: 16284
Ion Ratio Lower Upper
91 100
126 7.5 15.9 47.7#



#83
tert-Butylbenzene
Concen: 11.810 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 119 Resp: 74511
Ion Ratio Lower Upper
119 100
91 81.4 35.1 105.3
134 0.0 12.0 36.1#

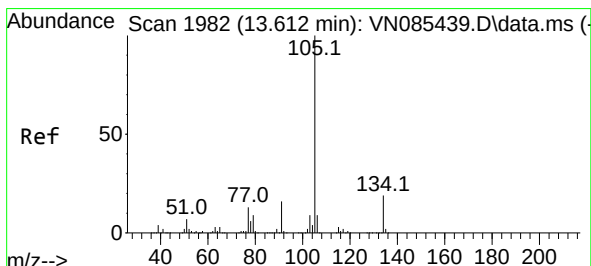
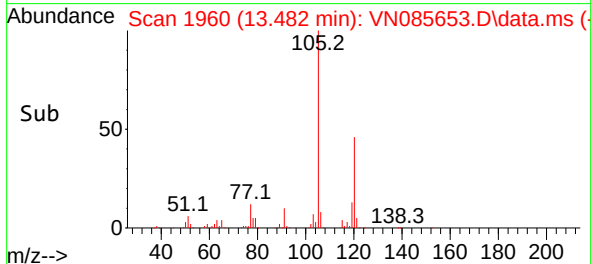
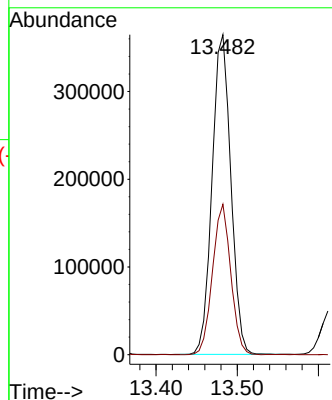
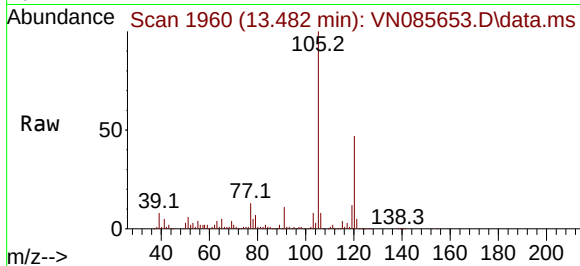




#84
1,2,4-Trimethylbenzene
Concen: 78.060 ug/l
RT: 13.482 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

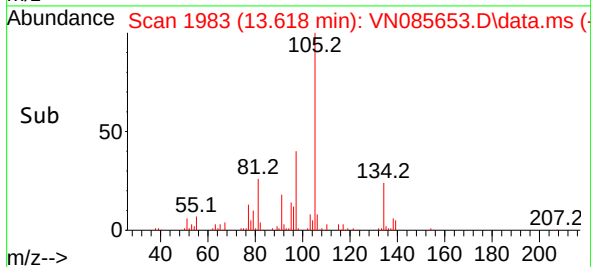
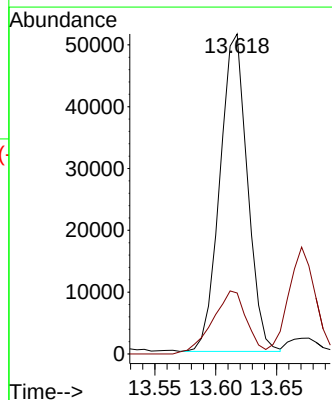
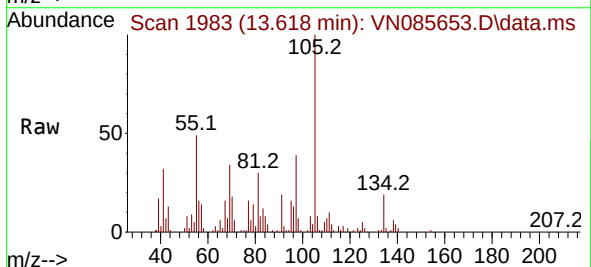
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

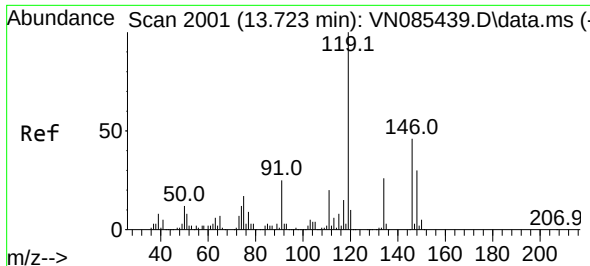
Tgt Ion:105 Resp: 584499
Ion Ratio Lower Upper
105 100
120 45.8 21.6 65.0



#85
sec-Butylbenzene
Concen: 9.256 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion:105 Resp: 80934
Ion Ratio Lower Upper
105 100
134 24.5 9.7 28.9

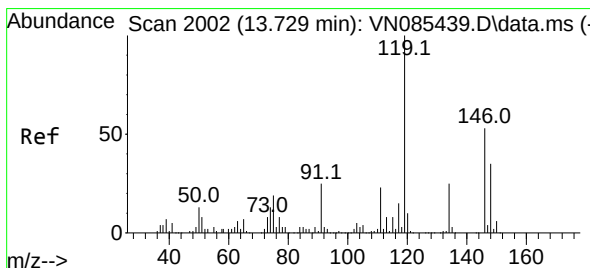
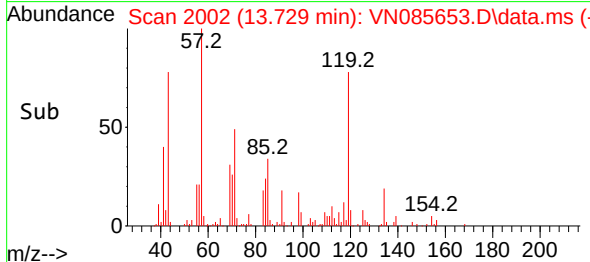
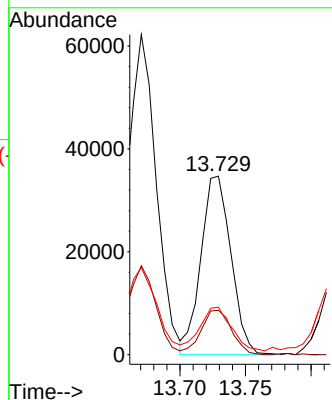
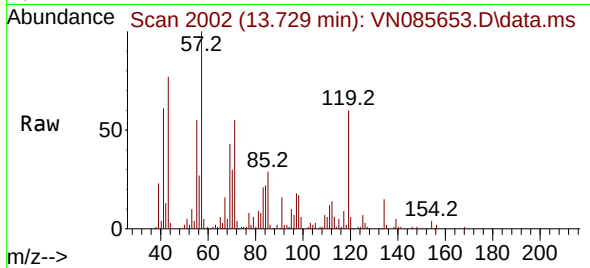




#86
p-Isopropyltoluene
Concen: 7.868 ug/l
RT: 13.729 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

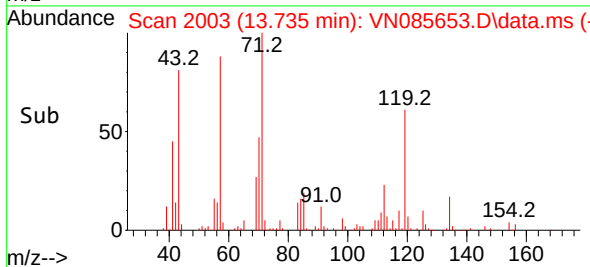
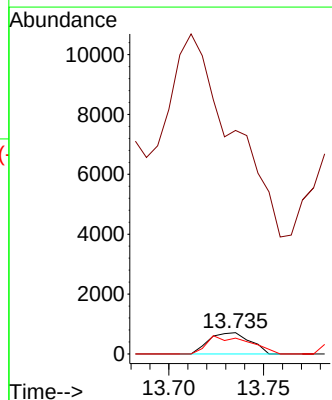
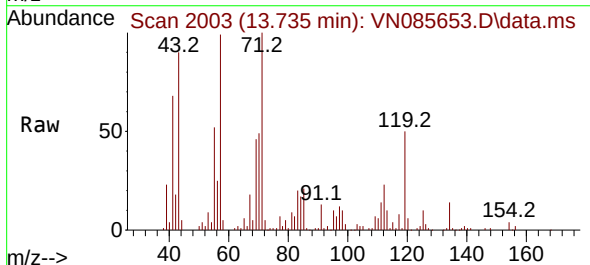
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

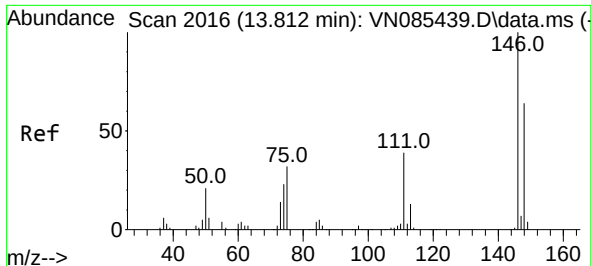
Tgt Ion:119 Resp: 55397
Ion Ratio Lower Upper
119 100
134 25.3 12.7 38.0
91 25.3 12.7 38.1



#87
1,3-Dichlorobenzene
Concen: 0.246 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion:146 Resp: 1076
Ion Ratio Lower Upper
146 100
111 0.0 21.4 64.3#
148 86.2 32.3 96.9

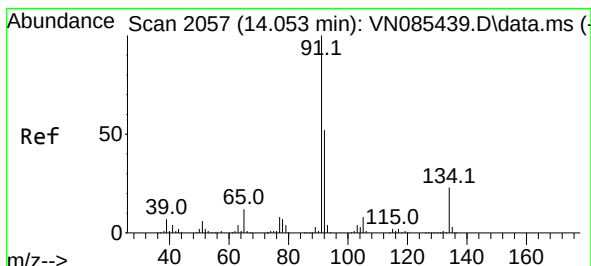
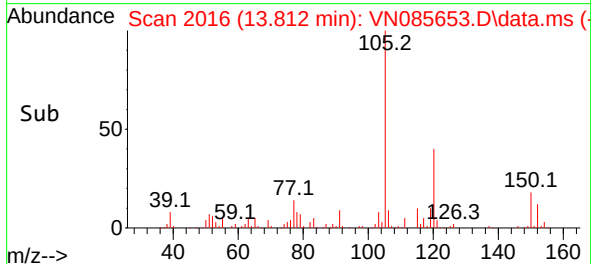
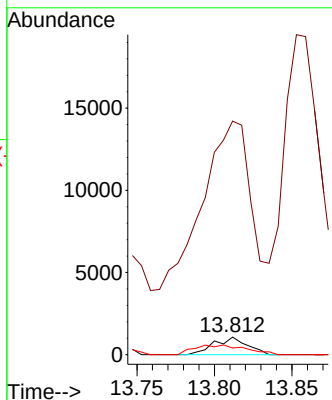
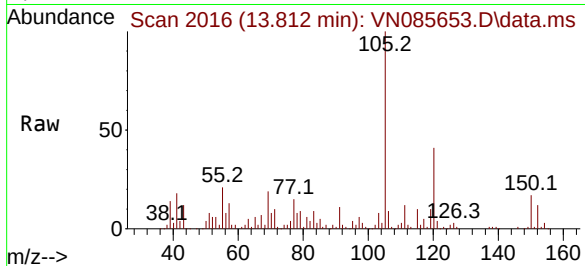




#88
1,4-Dichlorobenzene
Concen: 0.351 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

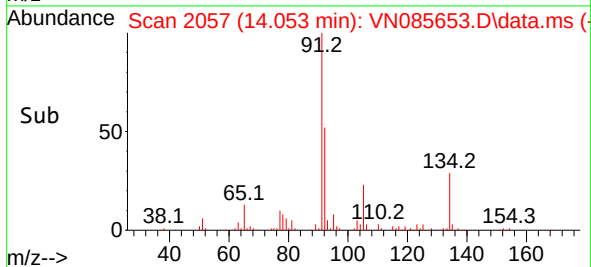
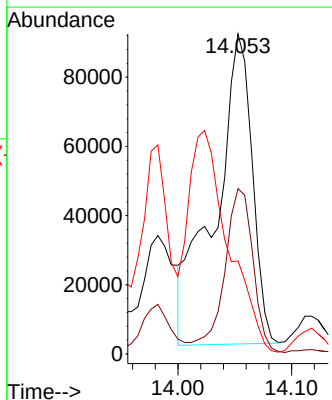
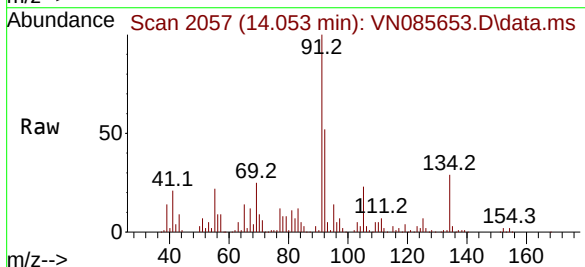
Instrument :
MSVOA_N
ClientSampleId :
BELL-25-002ME

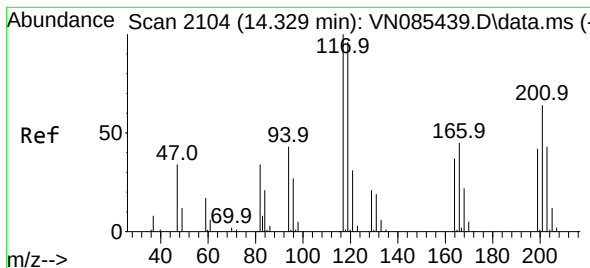
Tgt Ion:146 Resp: 1592
Ion Ratio Lower Upper
146 100
111 1383.2 21.3 63.7#
148 85.8 32.4 97.0



#89
n-Butylbenzene
Concen: 32.352 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion: 91 Resp: 202951
Ion Ratio Lower Upper
91 100
92 40.6 25.8 77.3
134 0.0 11.7 35.1#





#90

Hexachloroethane

Concen: 18.060 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

Instrument :

MSVOA_N

ClientSampleId :

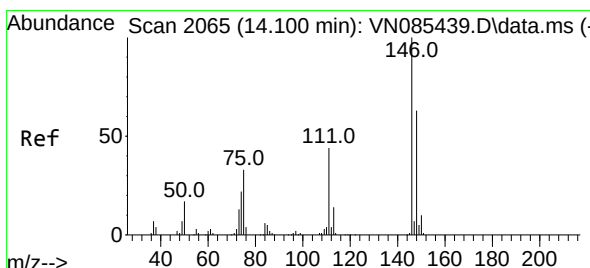
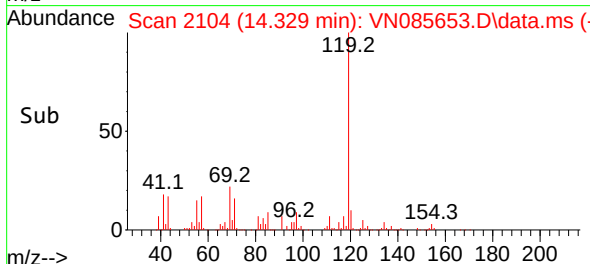
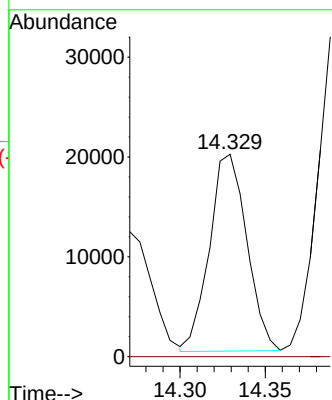
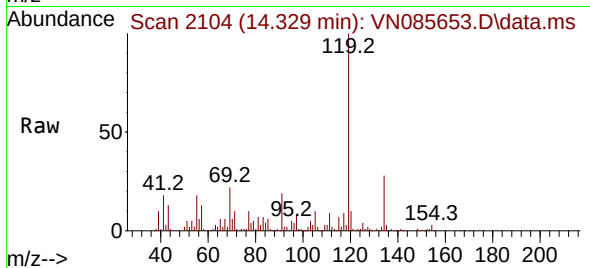
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Tgt Ion:117 Resp: 30063

Ion Ratio Lower Upper

117 100

201 0.0 33.7 101.0#



#91

1,2-Dichlorobenzene

Concen: 0.264 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN085653.D

Acq: 04 Feb 2025 15:49

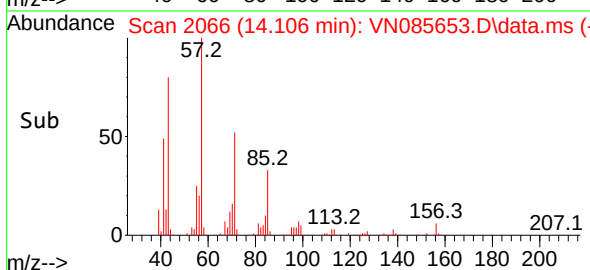
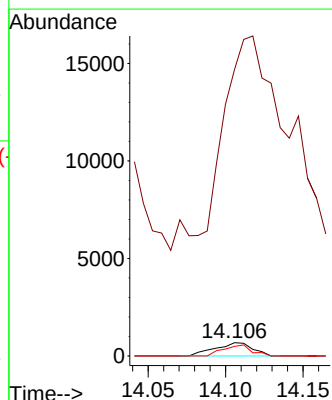
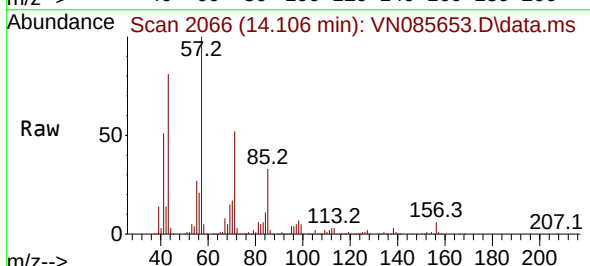
Tgt Ion:146 Resp: 1154

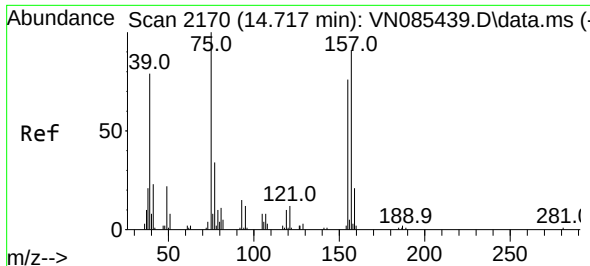
Ion Ratio Lower Upper

146 100

111 3140.2 21.7 65.1#

148 61.5 31.4 94.2

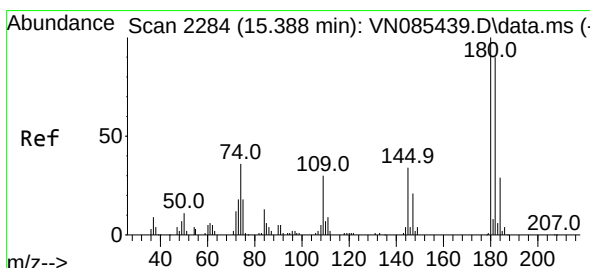
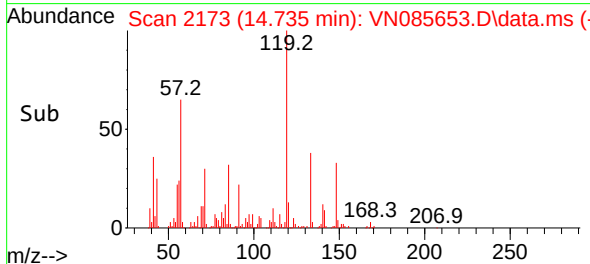
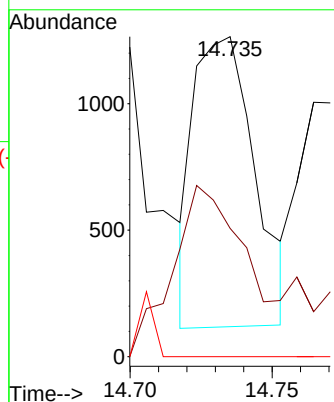
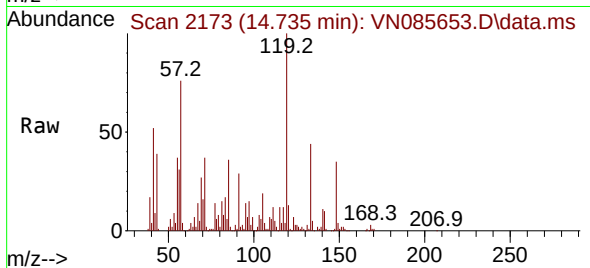




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.916 ug/l
 RT: 14.735 min Scan# 2173
 Delta R.T. 0.018 min
 Lab File: VN085653.D
 Acq: 04 Feb 2025 15:49

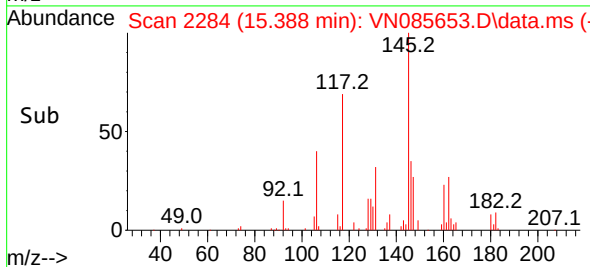
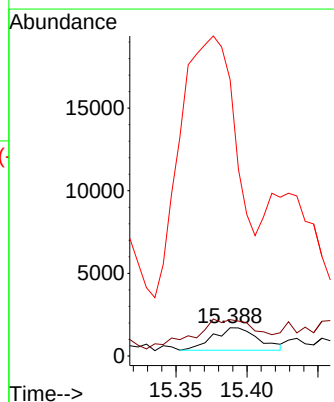
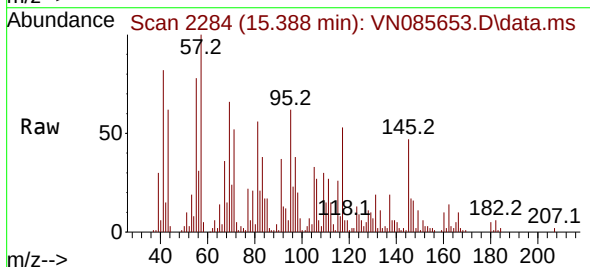
Instrument :
 MSVOA_N
 ClientSampleId :
 BELL-25-002ME

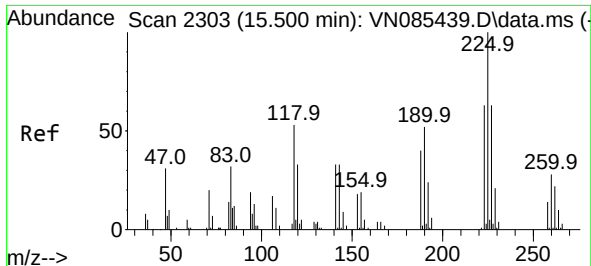
Tgt Ion: 75 Resp: 1711
 Ion Ratio Lower Upper
 75 100
 155 72.2 36.4 109.2
 157 0.0 45.4 136.1#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.483 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN085653.D
 Acq: 04 Feb 2025 15:49

Tgt Ion: 180 Resp: 3009
 Ion Ratio Lower Upper
 180 100
 182 185.4 46.8 140.3#
 145 1896.9 16.0 48.0#

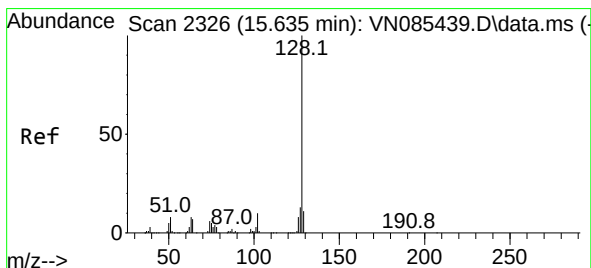
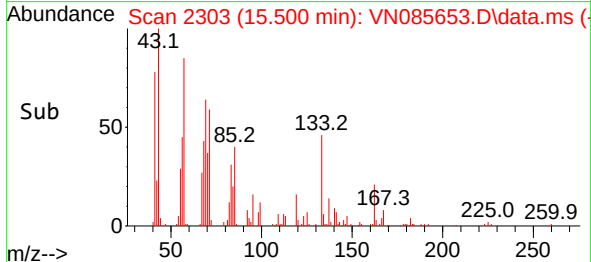
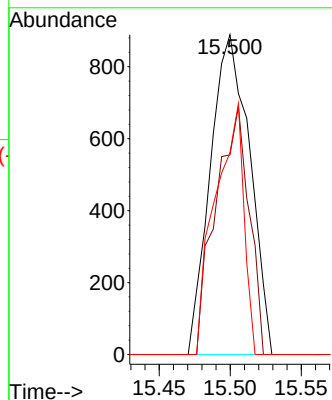
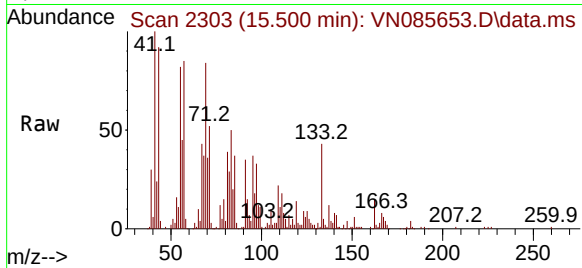




#94
Hexachlorobutadiene
Concen: 1.589 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

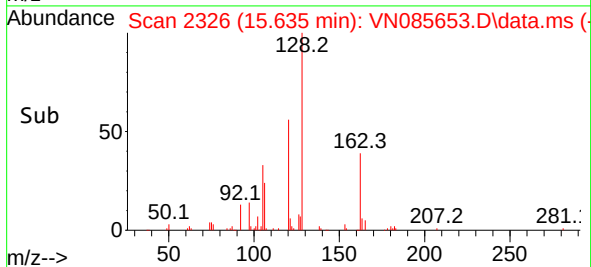
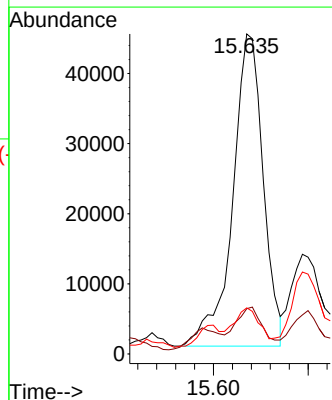
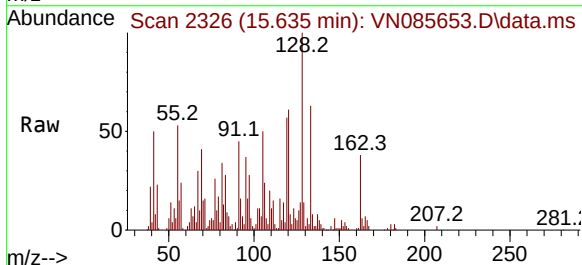
Instrument :
MSVOA_N
ClientSampleId :
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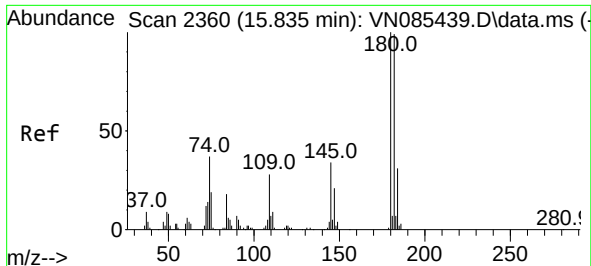
Tgt Ion:	225	Resp:	1712
Ion Ratio	Lower	Upper	
225	100		
223	65.7	30.7	92.1
227	56.8	30.9	92.5



#95
Naphthalene
Concen: 16.494 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085653.D
Acq: 04 Feb 2025 15:49

Tgt Ion:	128	Resp:	99856
Ion Ratio	Lower	Upper	
128	100		
127	7.6	10.6	16.0#
129	8.8	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 4.405 ug/l
 RT: 15.859 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VN085653.D
 Acq: 04 Feb 2025 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 BELL-25-002ME

Tgt Ion:180 Resp: 9043
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.2#
 145 0.0 16.9 50.7#

