

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085641.D
 Acq On : 03 Feb 2025 22:49
 Operator : JC\MD
 Sample : Q1219-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 01:01:36 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	8.224	168	172356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140183	50.386	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.780%	
35) Dibromofluoromethane	8.165	113	116394	49.185	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.380%	
50) Toluene-d8	10.565	98	437111	51.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.847	95	158019	54.941	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.880%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.524	59	8624	27.070	ug/l #	91
13) Acrolein	4.177	56	123	0.283	ug/l #	72
16) Acetone	4.424	43	128052	142.447	ug/l	95
17) Carbon Disulfide	4.712	76	258422	45.374	ug/l	97
18) Methyl Acetate	5.030	43	4910	1.796	ug/l	95
20) Methylene Chloride	5.271	84	2491	1.119	ug/l #	65
25) 2-Butanone	7.483	43	9651	7.295	ug/l #	83
29) Tetrahydrofuran	7.853	42	329	0.392	ug/l #	55
30) Chloroform	7.953	83	1365	0.325	ug/l	95
31) Cyclohexane	8.224	56	5461	1.547	ug/l #	17
36) 1,1-Dichloropropene	8.224	75	15795	4.756	ug/l #	51
37) Ethyl Acetate	7.559	43	3757	1.121	ug/l #	82
38) Carbon Tetrachloride	8.218	117	18604	4.893	ug/l #	17
39) Methylcyclohexane	9.600	83	1935	0.620	ug/l #	85
40) Benzene	8.606	78	3630	0.364	ug/l	99
41) Methacrylonitrile	7.777	41	376	0.216	ug/l #	45
43) Isopropyl Acetate	8.688	43	107992	20.104	ug/l #	87
45) 1,2-Dichloropropane	9.741	63	1173	0.460	ug/l #	43
48) Methyl methacrylate	9.659	41	11953	4.945	ug/l #	45
51) 4-Methyl-2-Pentanone	10.447	43	11051	3.545	ug/l	91
52) Toluene	10.629	92	573986	99.267	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	7060	1.994	ug/l #	1
54) cis-1,3-Dichloropropene	10.359	75	15415	4.075	ug/l #	57
55) 1,1,2-Trichloroethane	11.006	97	1197	0.523	ug/l #	15
56) Ethyl methacrylate	10.788	69	19386	6.766	ug/l #	80
57) 1,3-Dichloropropane	11.200	76	1877	0.472	ug/l #	43
59) 2-Hexanone	11.200	43	24353	11.104	ug/l	65
67) Ethyl Benzene	11.959	91	58630	4.982	ug/l	99
68) m/p-Xylenes	12.065	106	95464	21.948	ug/l	95
69) o-Xylene	12.394	106	55830	13.431	ug/l	98
70) Styrene	12.400	104	5365	0.780	ug/l #	1
71) Bromoform	12.841	173	972	0.512	ug/l #	28
73) Isopropylbenzene	12.694	105	7627	0.731	ug/l	100
74) N-amyl acetate	12.476	43	6169	1.316	ug/l #	68
76) 1,2,3-Trichloropropane	12.847	75	81393	25.911	ug/l #	1
78) n-propylbenzene	13.035	91	33952	2.750	ug/l	97

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 Response via : Initial Calibration

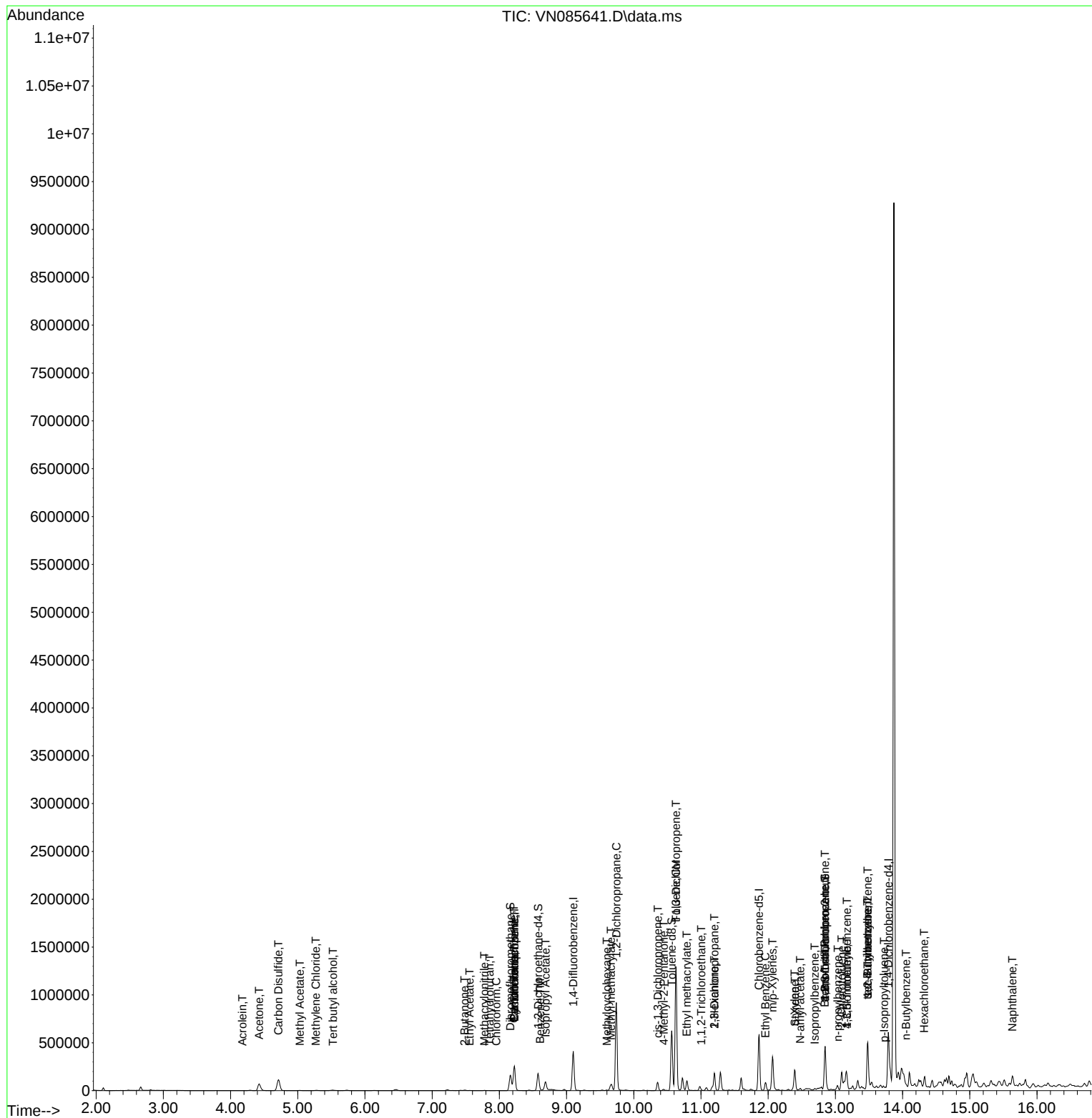
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

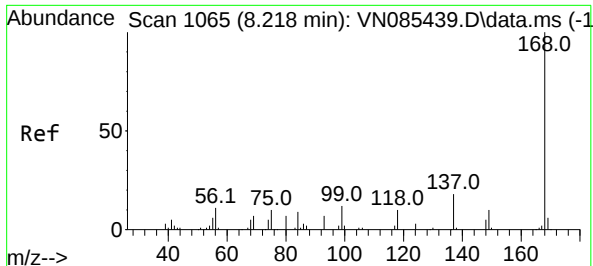
79) 2-Chlorotoluene	13.094	91	13694	1.714	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	58625	6.804	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	81393	70.104	ug/l #	3
82) 4-Chlorotoluene	13.170	91	7230	0.909	ug/l #	43
83) tert-Butylbenzene	13.476	119	35204	4.866	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.482	105	277715	32.340	ug/l	99
85) sec-Butylbenzene	13.482	105	277715	27.694	ug/l #	57
86) p-Isopropyltoluene	13.723	119	4059	0.535	ug/l	87
89) n-Butylbenzene	14.053	91	12137	1.687	ug/l #	74
90) Hexachloroethane	14.323	117	6890	3.609	ug/l #	16
95) Naphthalene	15.635	128	110466	15.910	ug/l	97

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

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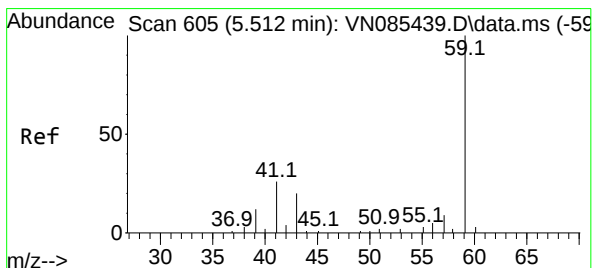
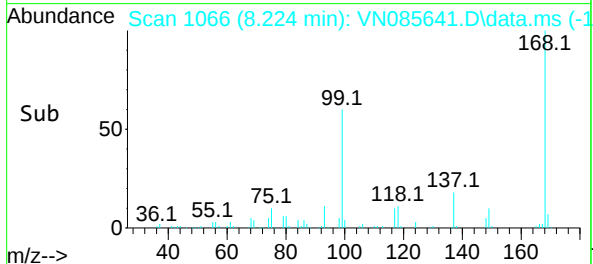
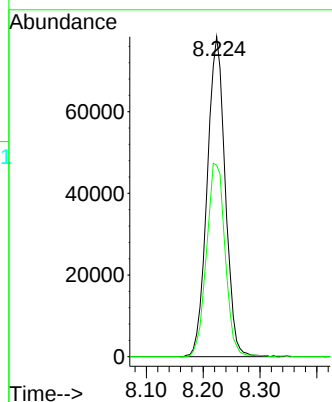
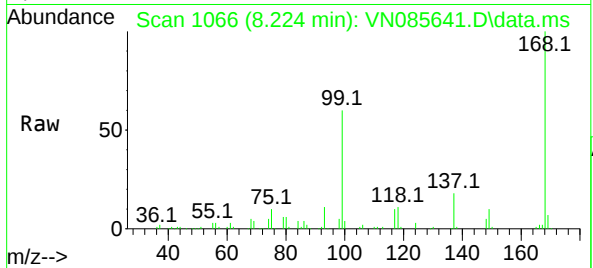




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

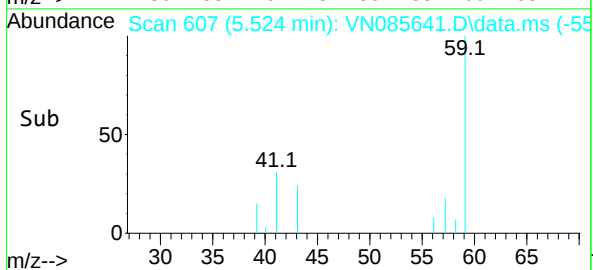
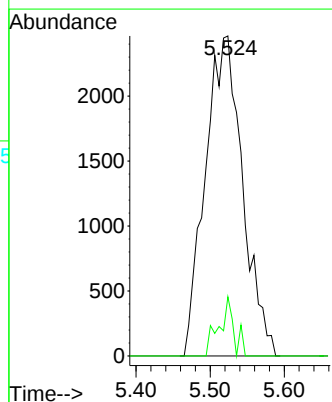
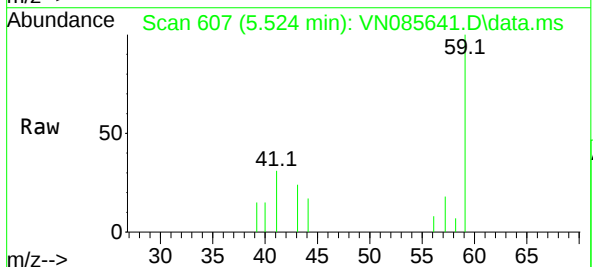
Instrument :
MSVOA_N
ClientSampleId :

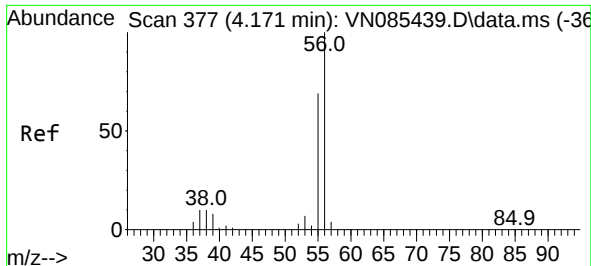
Tgt Ion:168 Resp: 172356
Ion Ratio Lower Upper
168 100
99 59.9 53.6 80.4



#11
Tert butyl alcohol
Concen: 27.070 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion: 59 Resp: 8624
Ion Ratio Lower Upper
59 100
57 7.4 8.6 13.0#





#13

Acrolein

Concen: 0.283 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Instrument :

MSVOA_N

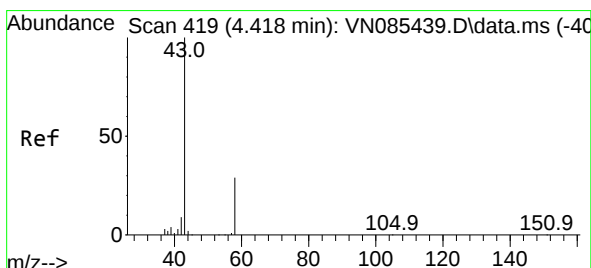
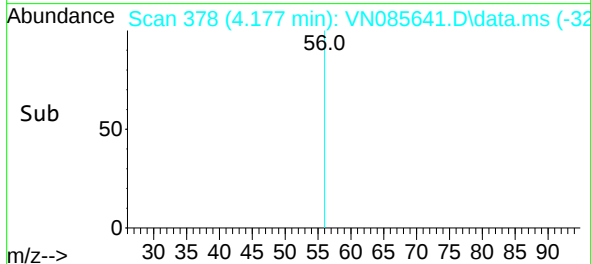
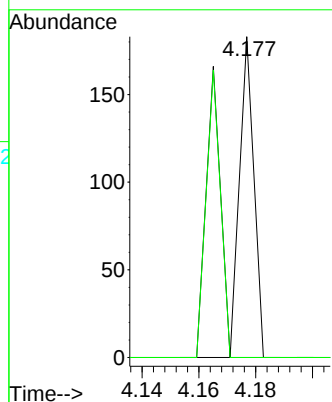
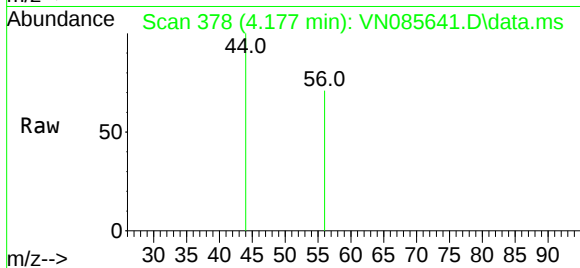
ClientSampleId :

Tgt Ion: 56 Resp: 123

Ion Ratio Lower Upper

56 100

55 47.2 56.3 84.5#



#16

Acetone

Concen: 142.447 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN085641.D

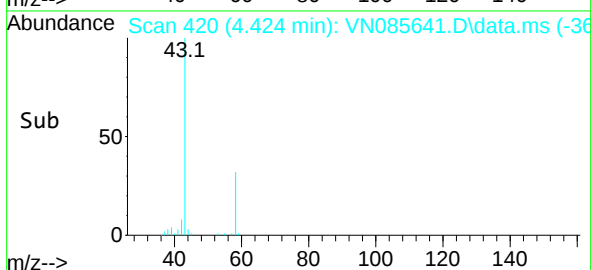
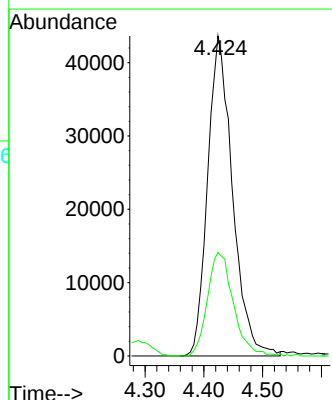
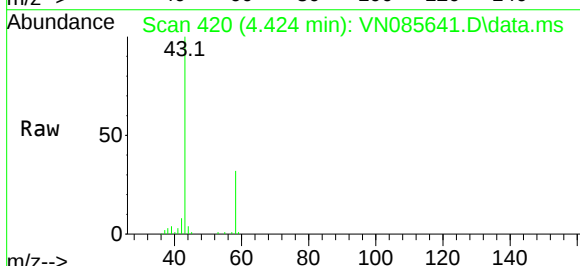
Acq: 03 Feb 2025 22:49

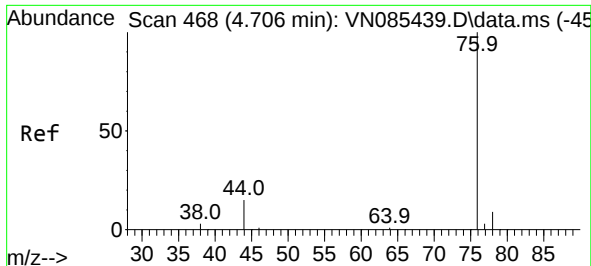
Tgt Ion: 43 Resp: 128052

Ion Ratio Lower Upper

43 100

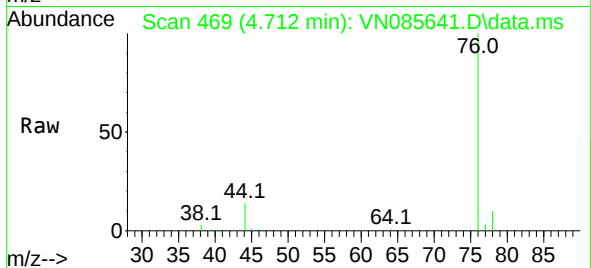
58 32.4 23.8 35.6



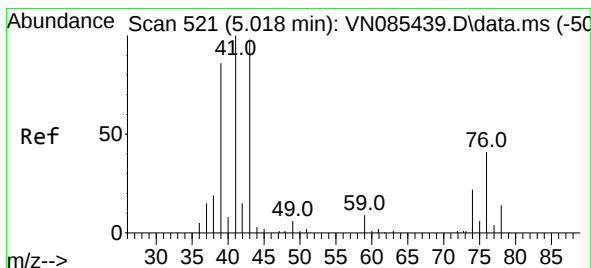
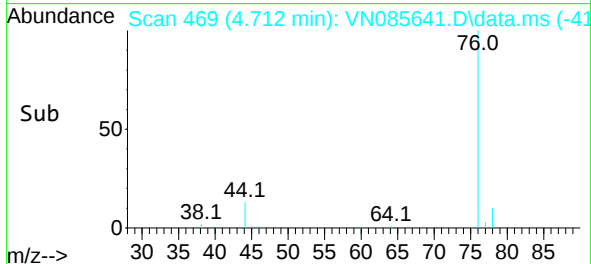
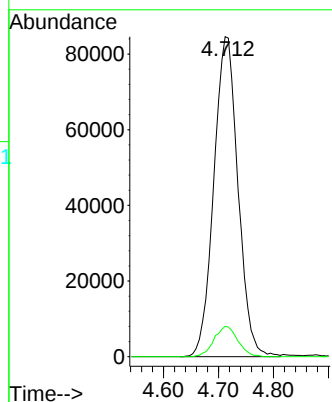


#17
Carbon Disulfide
Concen: 45.374 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Instrument :
MSVOA_N
ClientSampleId :

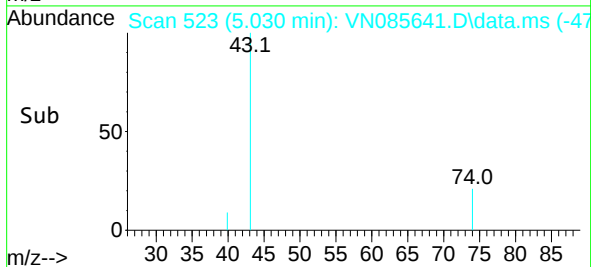
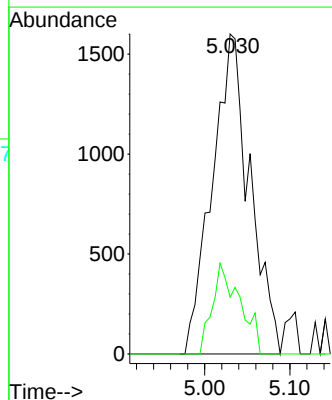
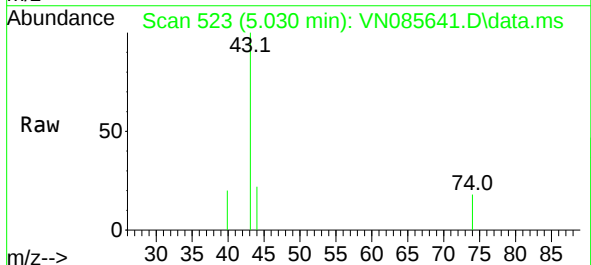


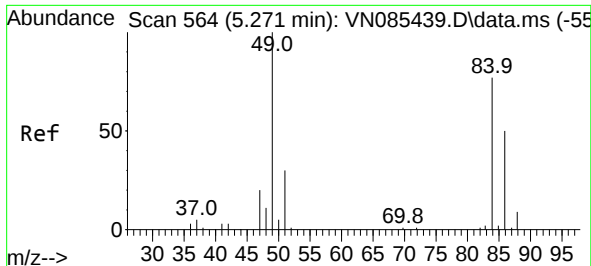
Tgt Ion: 76 Resp: 258422
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3



#18
Methyl Acetate
Concen: 1.796 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

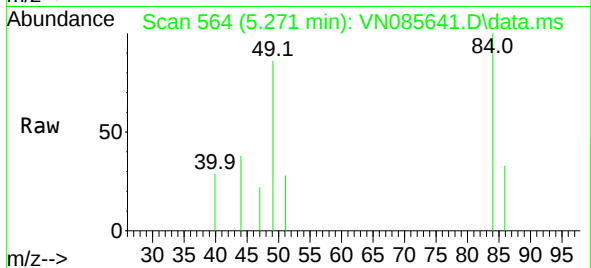
Tgt Ion: 43 Resp: 4910
Ion Ratio Lower Upper
43 100
74 20.7 18.6 28.0





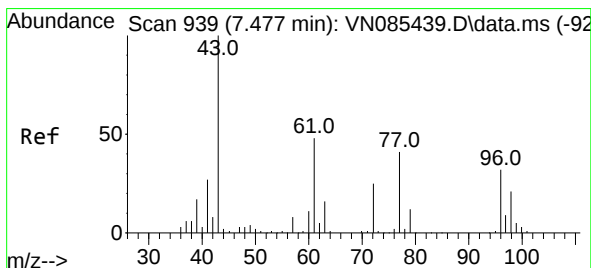
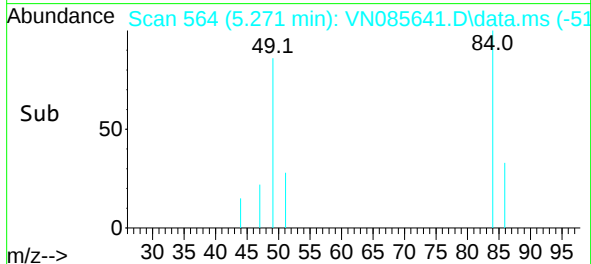
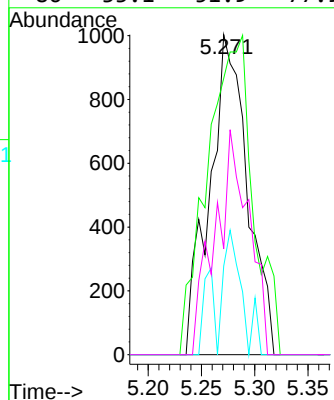
#20
Methylene Chloride
Concen: 1.119 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 2491

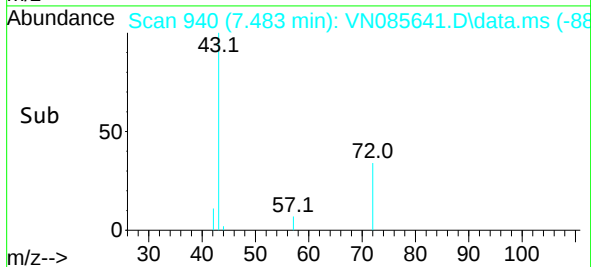
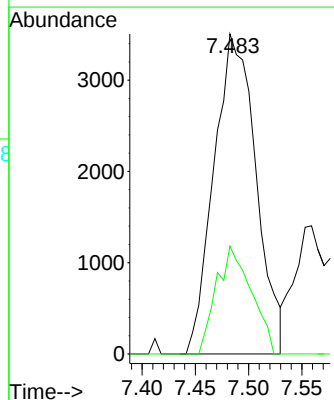
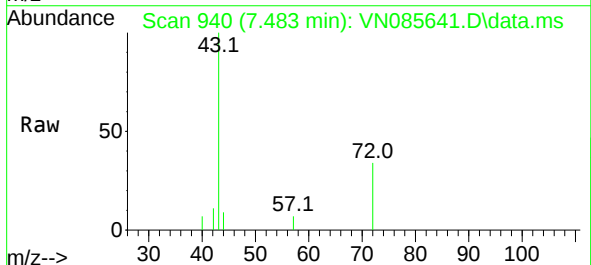
Ion	Ratio	Lower	Upper
84	100		
49	86.3	104.1	156.1#
51	27.7	31.0	46.4#
86	33.1	51.9	77.9#

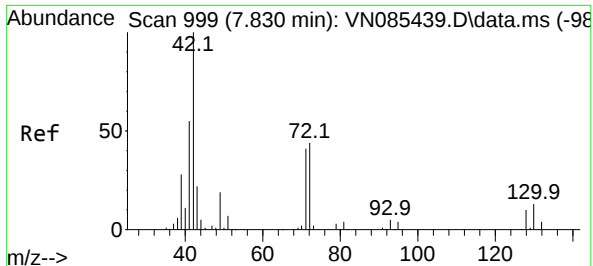


#25
2-Butanone
Concen: 7.295 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion: 43 Resp: 9651

Ion	Ratio	Lower	Upper
43	100		
72	33.7	20.2	30.4#





#29

Tetrahydrofuran

Concen: 0.392 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.023 min

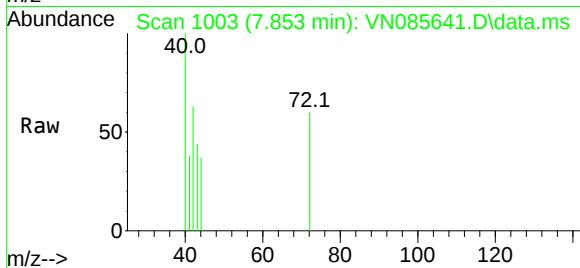
Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

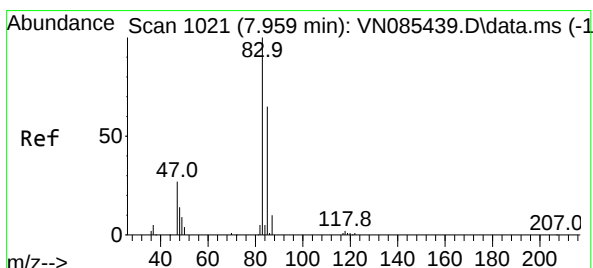
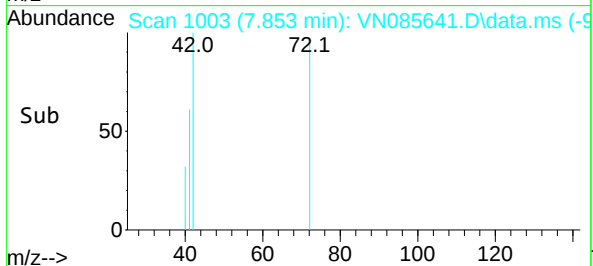
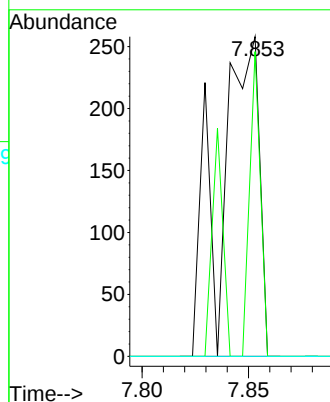
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	329
Ion	Ratio	Lower	Upper
42	100		
72	26.4	34.2	51.2#
71	0.0	32.5	48.7#



#30

Chloroform

Concen: 0.325 ug/l

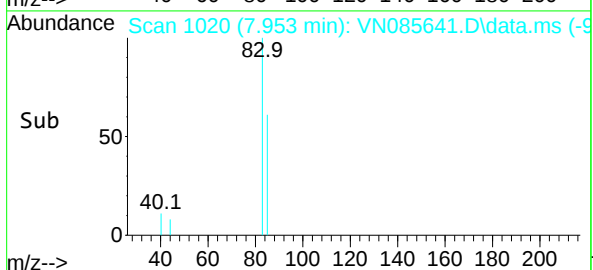
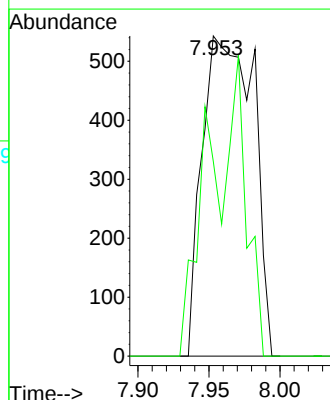
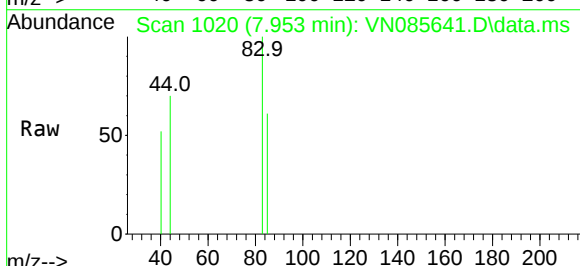
RT: 7.953 min Scan# 1020

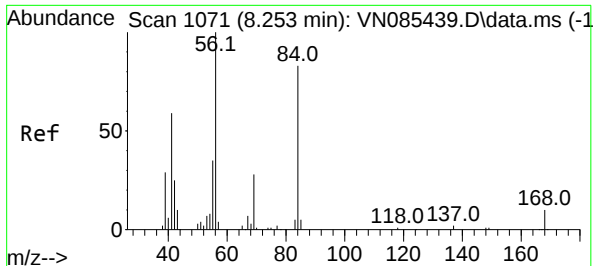
Delta R.T. -0.006 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

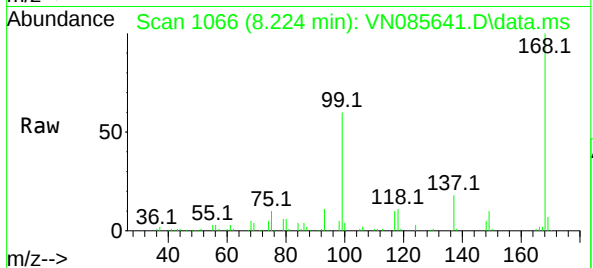
Tgt Ion:	83	Resp:	1365
Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.8	77.6



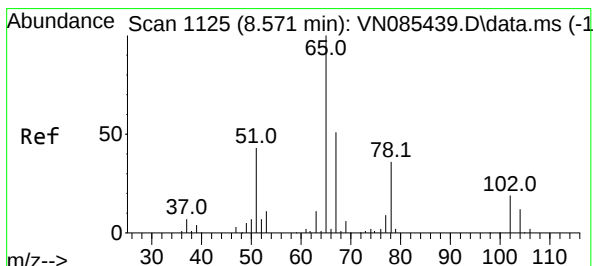
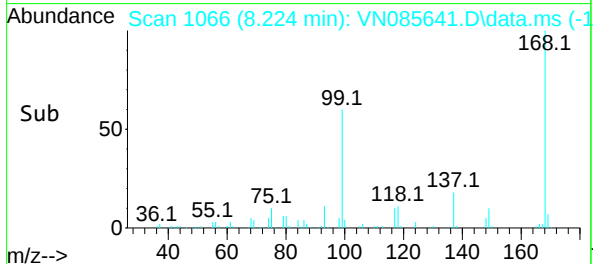
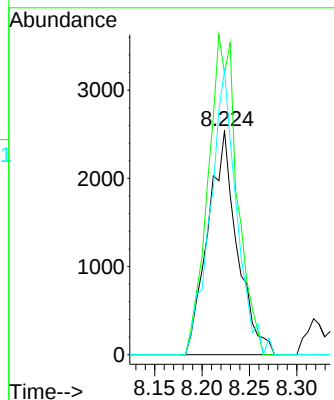


#31
Cyclohexane
Concen: 1.547 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Instrument :
MSVOA_N
ClientSampleId :

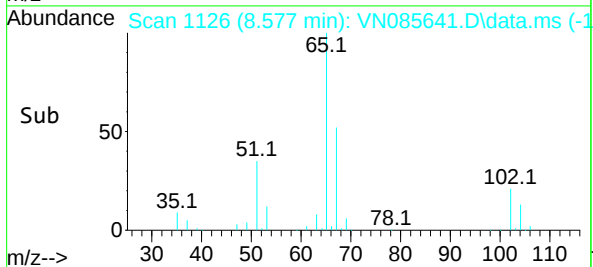
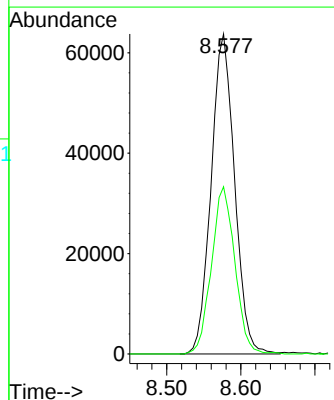
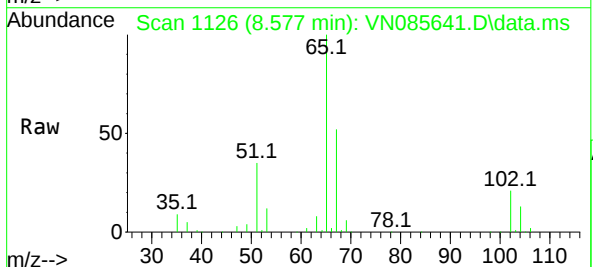


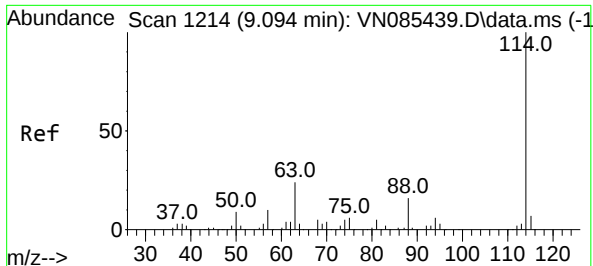
Tgt Ion: 56 Resp: 5461
Ion Ratio Lower Upper
56 100
69 125.3 22.2 33.4#
84 126.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 50.386 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion: 65 Resp: 140183
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.6

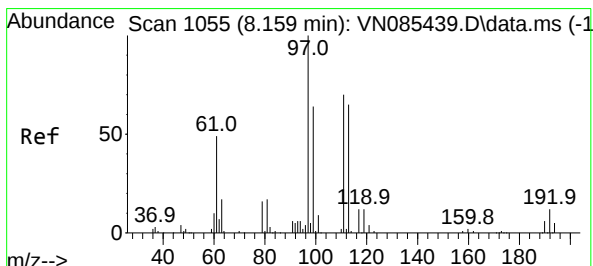
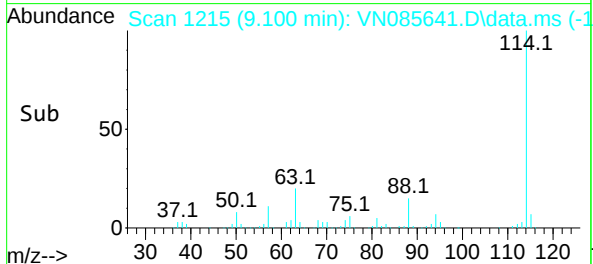
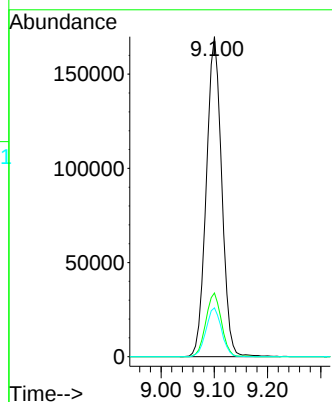
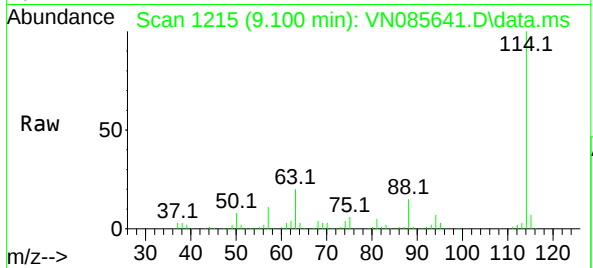




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

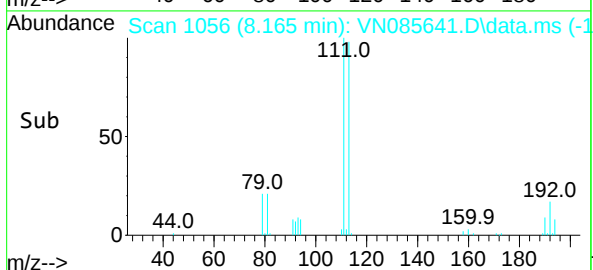
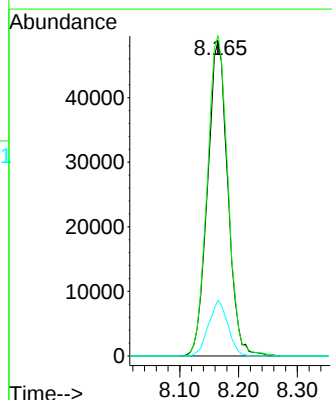
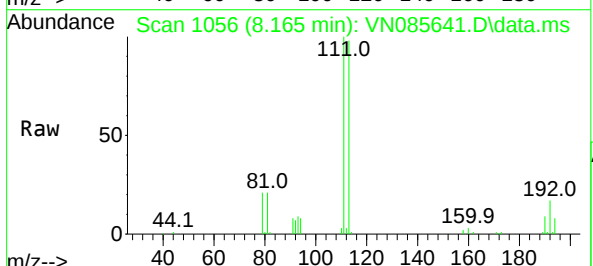
Instrument :
MSVOA_N
ClientSampleId :

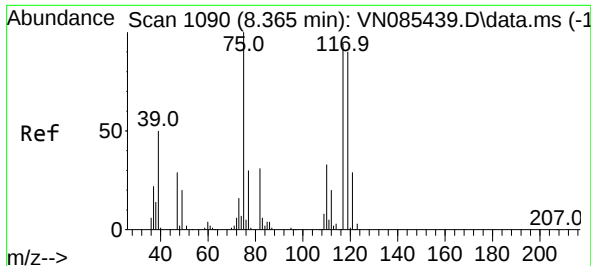
Tgt Ion:114 Resp: 341108
Ion Ratio Lower Upper
114 100
63 19.9 0.0 47.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.185 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion:113 Resp: 116394
Ion Ratio Lower Upper
113 100
111 104.0 82.7 124.1
192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.756 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

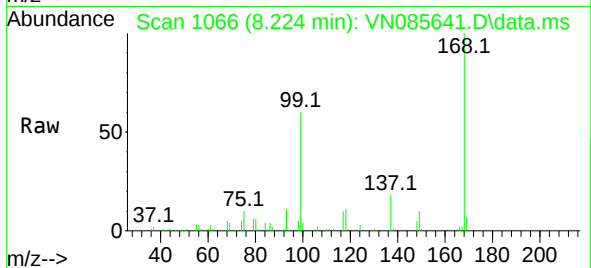
Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Instrument :

MSVOA_N

ClientSampleId :



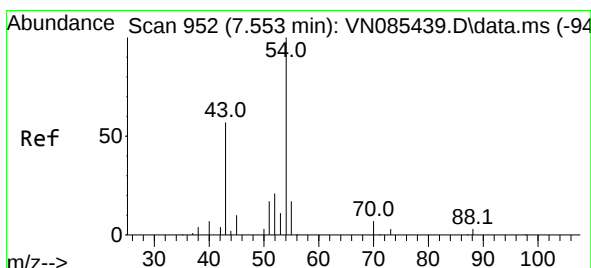
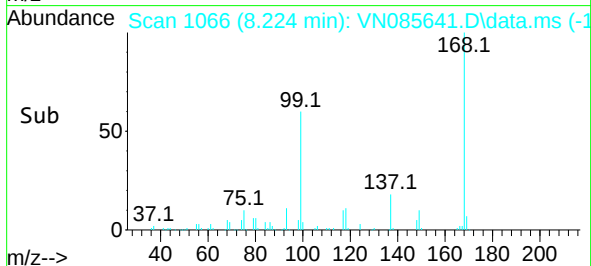
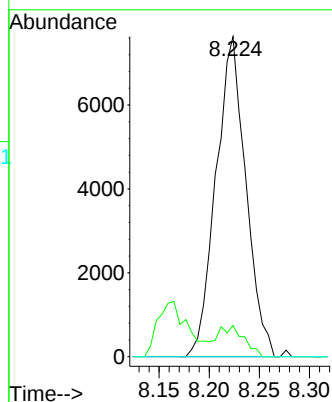
Tgt Ion: 75 Resp: 15795

Ion Ratio Lower Upper

75 100

110 8.4 16.5 49.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.121 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.006 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

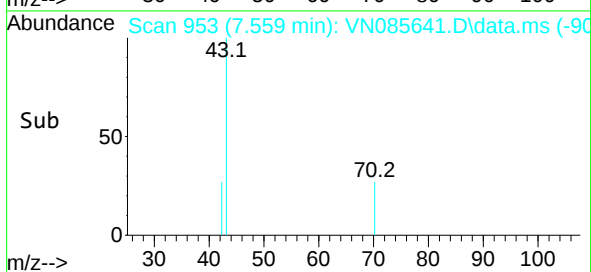
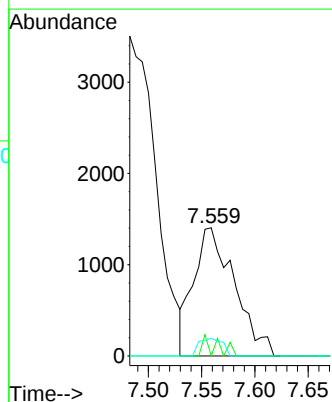
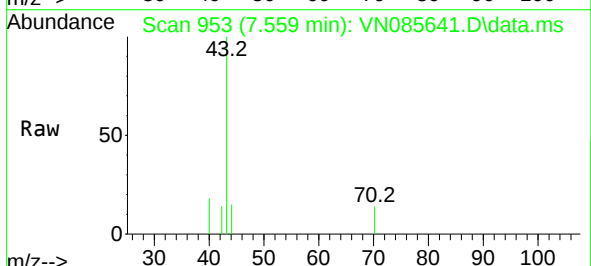
Tgt Ion: 43 Resp: 3757

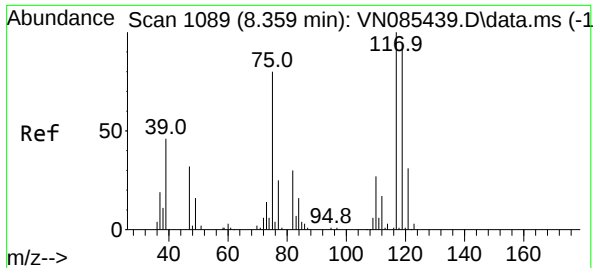
Ion Ratio Lower Upper

43 100

61 2.2 10.9 16.3#

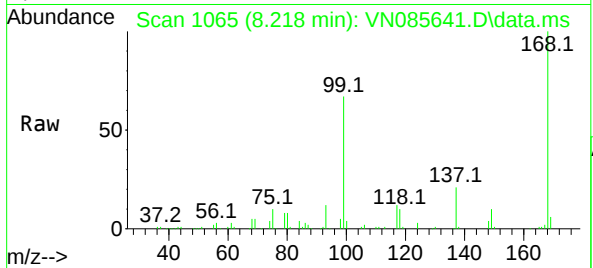
70 7.9 7.5 11.3



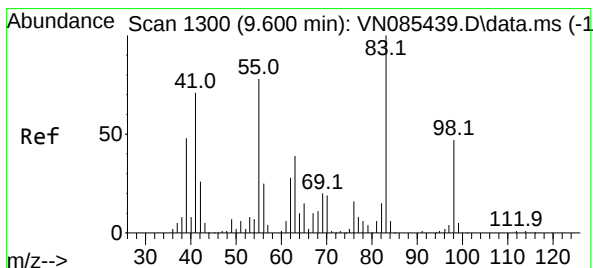
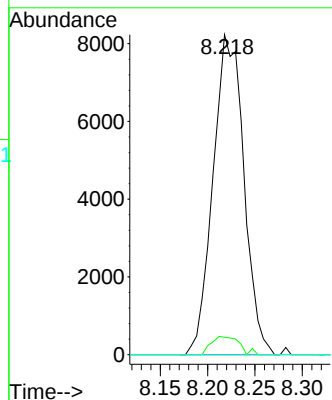
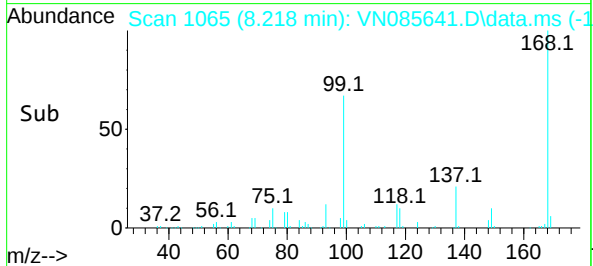


#38
Carbon Tetrachloride
Concen: 4.893 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

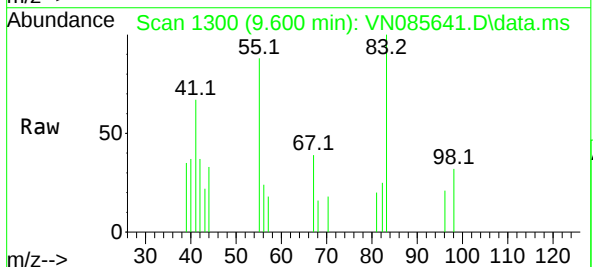
Instrument :
MSVOA_N
ClientSampleId :



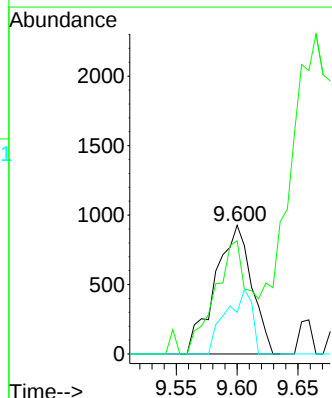
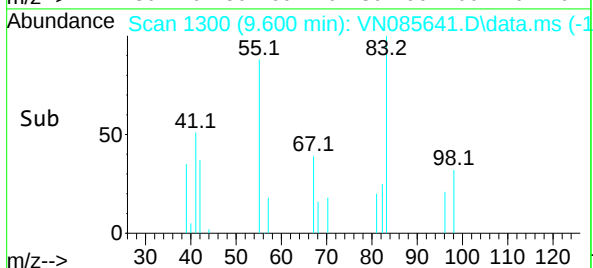
Tgt Ion:117 Resp: 18604
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 24.6 37.0#

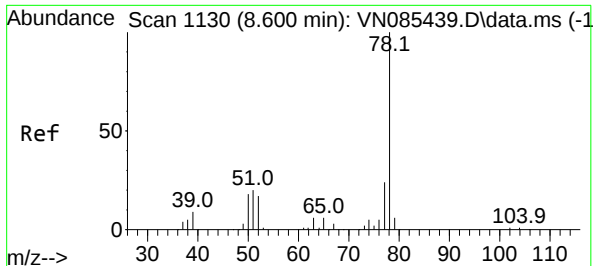


#39
Methylcyclohexane
Concen: 0.620 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49



Tgt Ion: 83 Resp: 1935
Ion Ratio Lower Upper
83 100
55 87.9 62.6 94.0
98 32.4 37.7 56.5#





#40

Benzene

Concen: 0.364 ug/l

RT: 8.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Instrument :

MSVOA_N

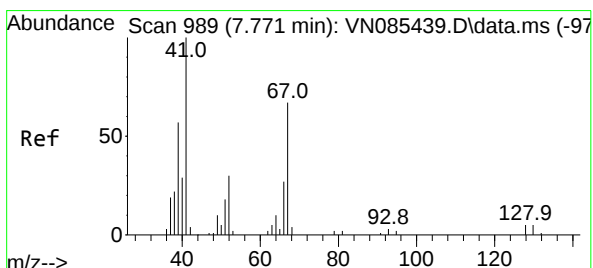
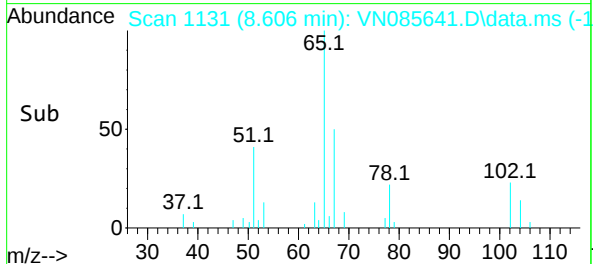
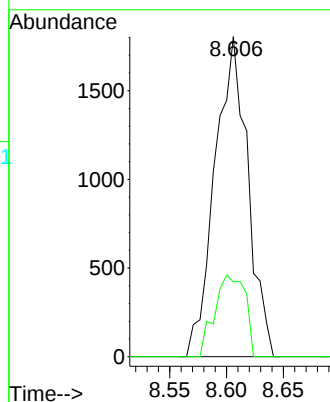
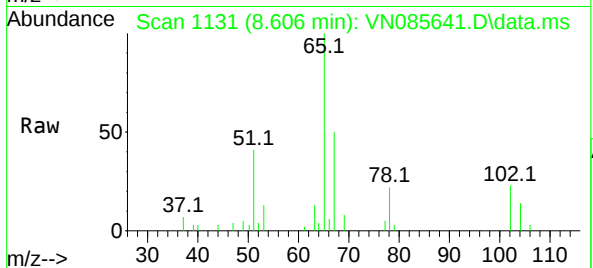
ClientSampleId :

Tgt Ion: 78 Resp: 3630

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



#41

Methacrylonitrile

Concen: 0.216 ug/l

RT: 7.777 min Scan# 990

Delta R.T. 0.006 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Tgt Ion: 41 Resp: 376

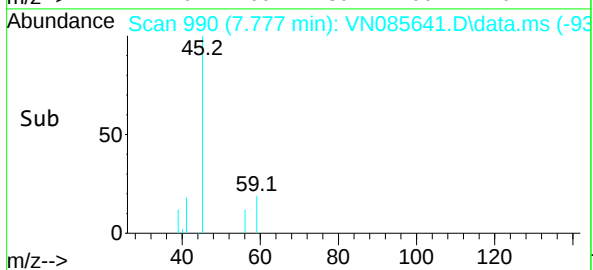
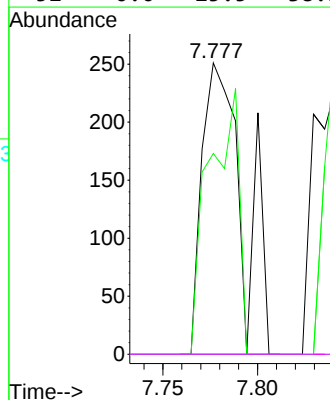
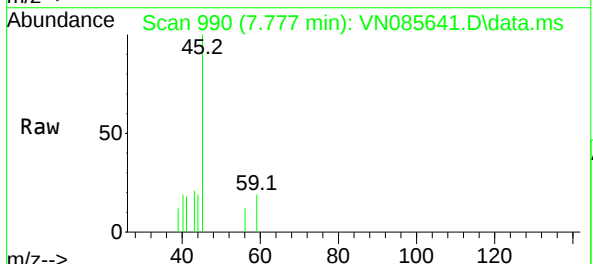
Ion Ratio Lower Upper

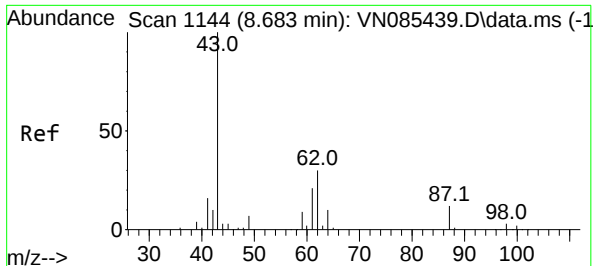
41 100

39 67.6 46.0 69.0

67 0.0 57.4 86.2#

52 0.0 25.5 38.3#

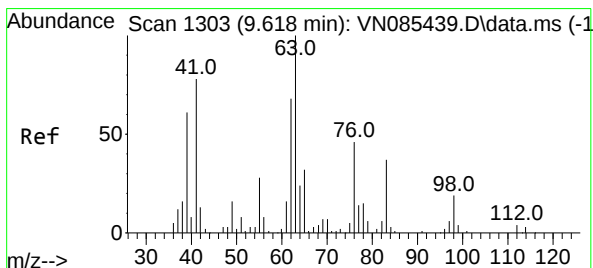
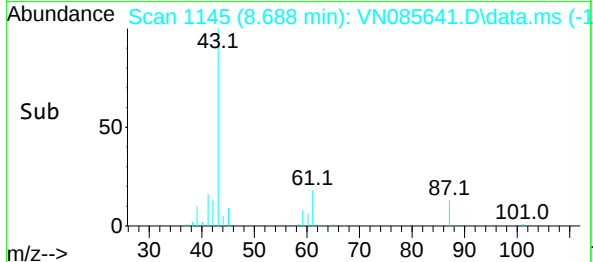
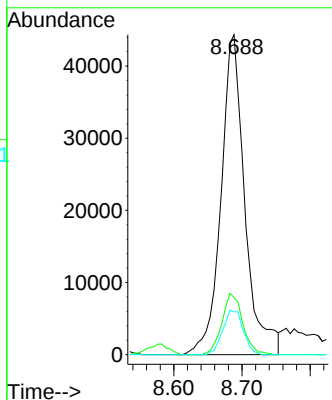
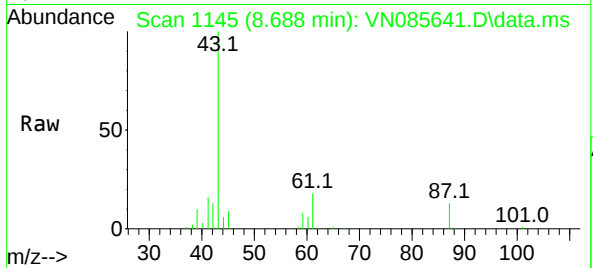




#43
Isopropyl Acetate
Concen: 20.104 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

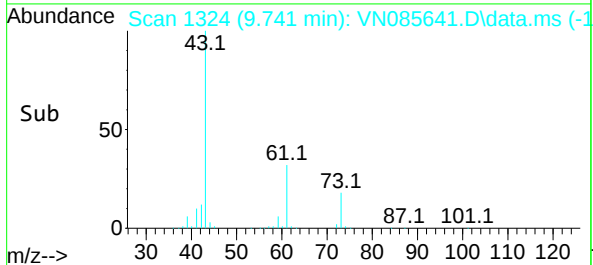
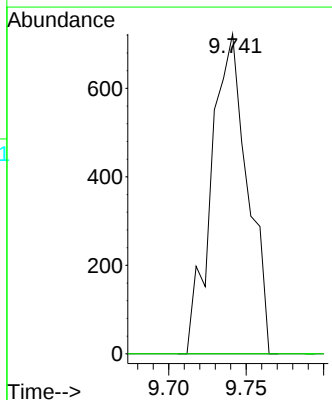
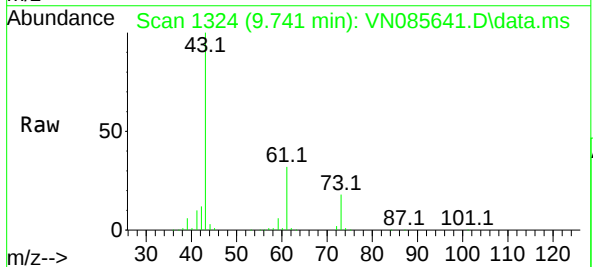
Instrument :
MSVOA_N
ClientSampleId :

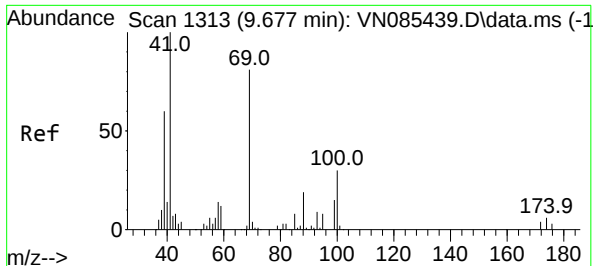
Tgt Ion: 43 Resp: 107992
Ion Ratio Lower Upper
43 100
61 16.7 20.7 31.1#
87 11.9 9.8 14.8



#45
1,2-Dichloropropane
Concen: 0.460 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.123 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion: 63 Resp: 1173
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#





#48

Methyl methacrylate

Concen: 4.945 ug/l

RT: 9.659 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Instrument :

MSVOA_N

ClientSampleId :

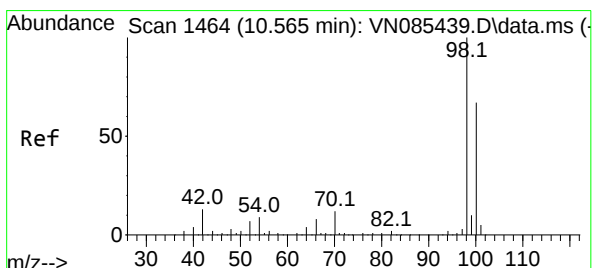
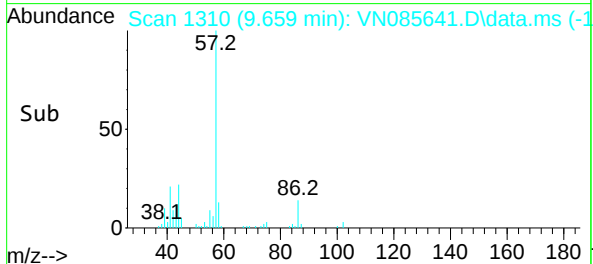
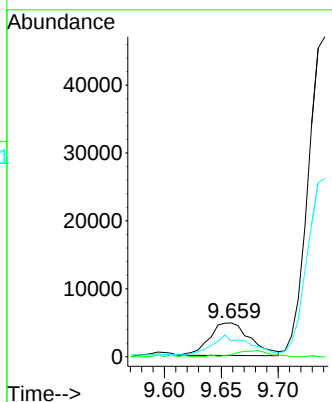
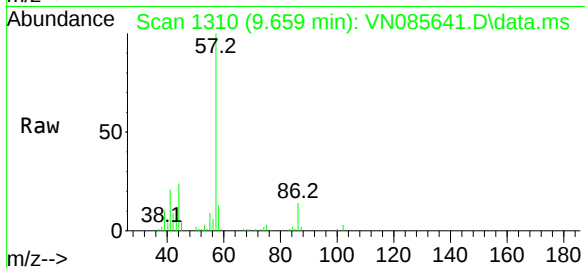
Tgt Ion: 41 Resp: 11953

Ion Ratio Lower Upper

41 100

69 0.8 64.7 97.1#

39 54.4 49.0 73.6



#50

Toluene-d8

Concen: 51.988 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085641.D

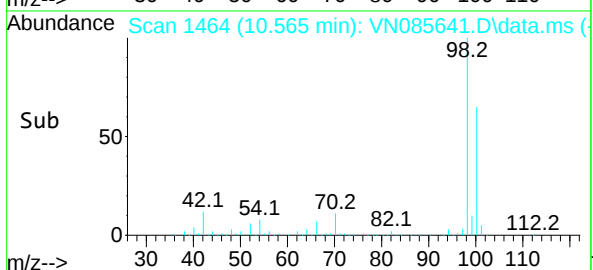
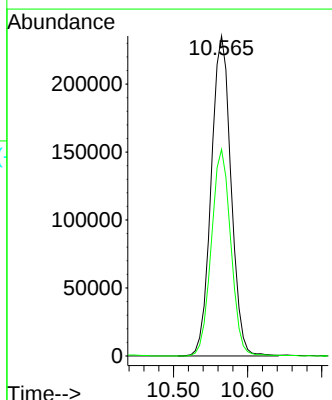
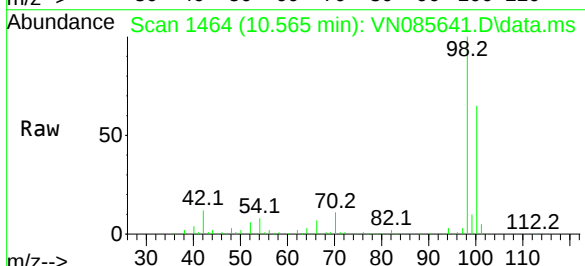
Acq: 03 Feb 2025 22:49

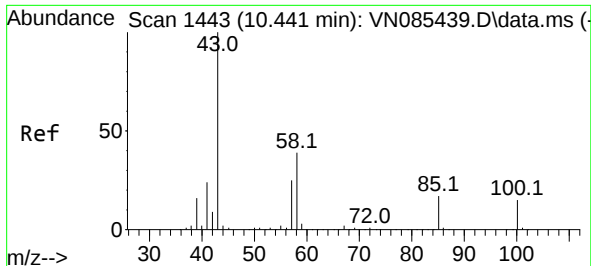
Tgt Ion: 98 Resp: 437111

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 3.545 ug/l

RT: 10.447 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Instrument :

MSVOA_N

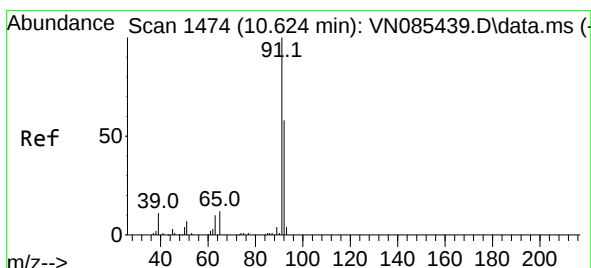
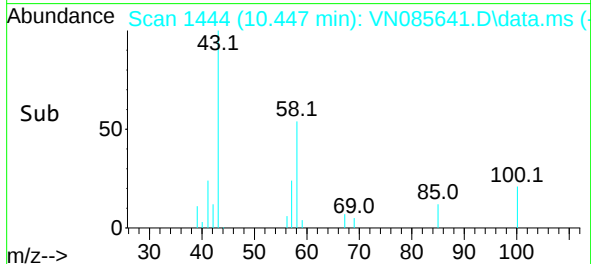
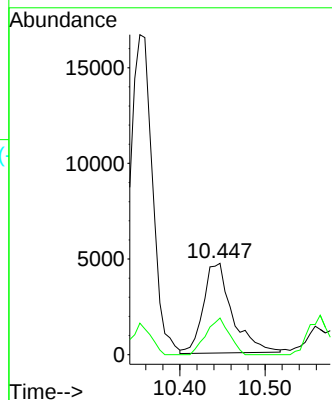
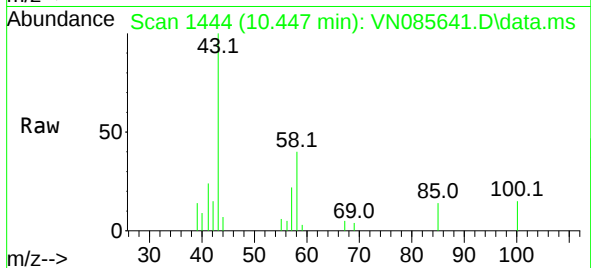
ClientSampleId :

Tgt Ion: 43 Resp: 11051

Ion Ratio Lower Upper

43 100

58 32.6 30.5 45.7



#52

Toluene

Concen: 99.267 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.005 min

Lab File: VN085641.D

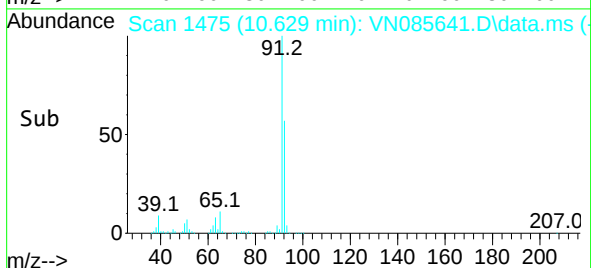
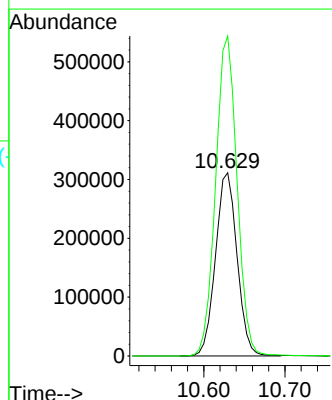
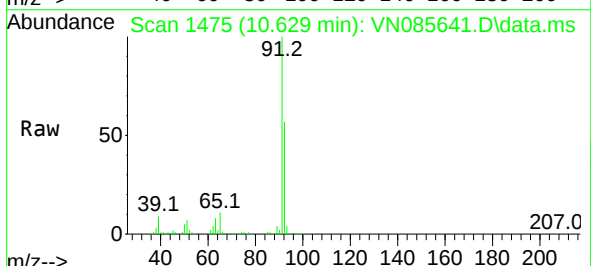
Acq: 03 Feb 2025 22:49

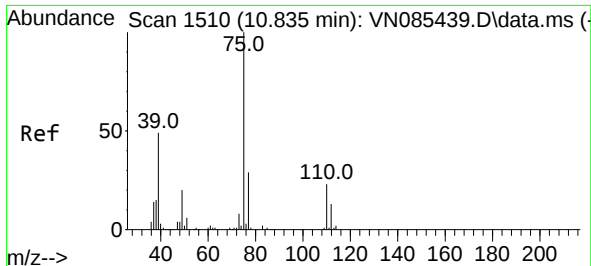
Tgt Ion: 92 Resp: 573986

Ion Ratio Lower Upper

92 100

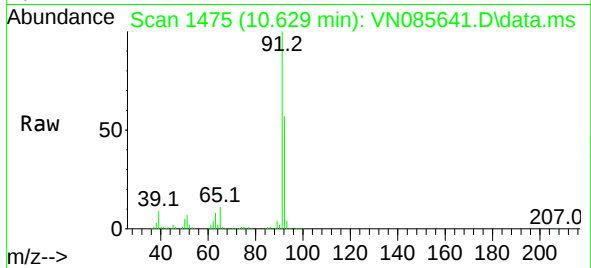
91 174.1 139.2 208.8



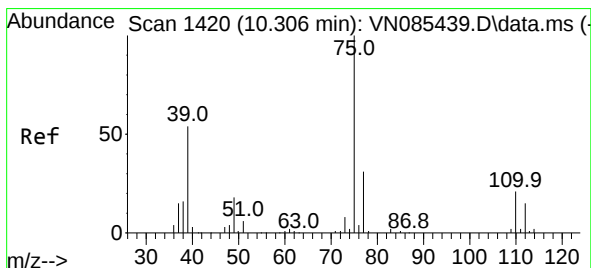
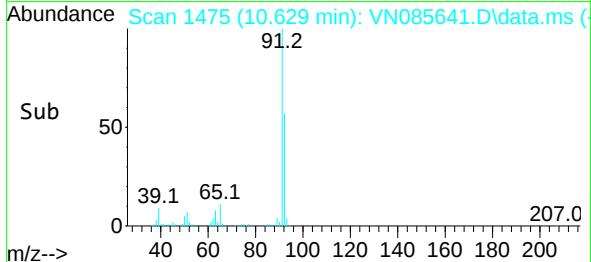
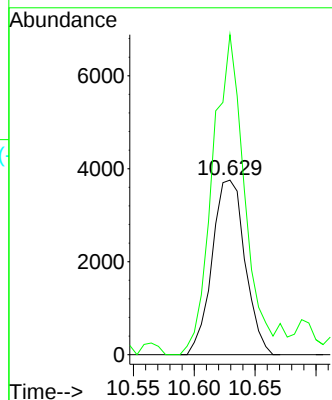


#53
t-1,3-Dichloropropene
Concen: 1.994 ug/l
RT: 10.629 min Scan# 14175
Delta R.T. -0.206 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Instrument :
MSVOA_N
ClientSampleId :

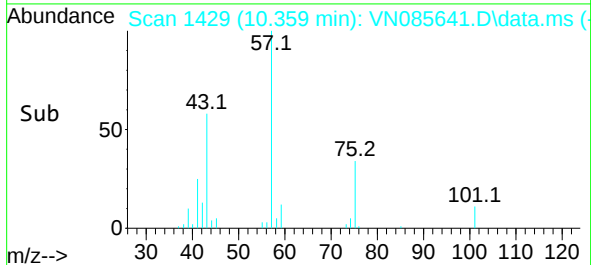
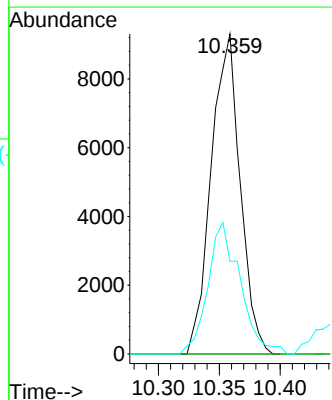
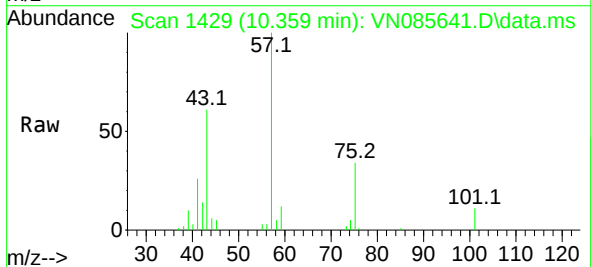


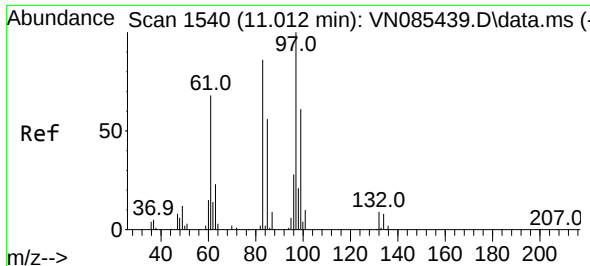
Tgt Ion: 75 Resp: 7060
Ion Ratio Lower Upper
75 100
77 183.3 23.5 35.3#



#54
cis-1,3-Dichloropropene
Concen: 4.075 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.053 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

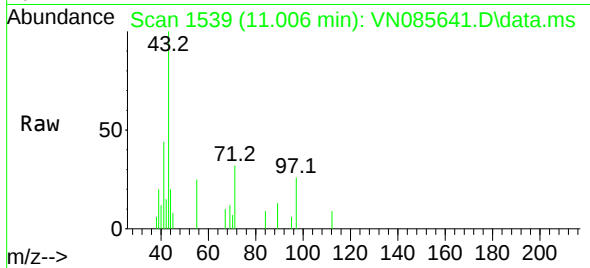
Tgt Ion: 75 Resp: 15415
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 29.0 43.1 64.7#



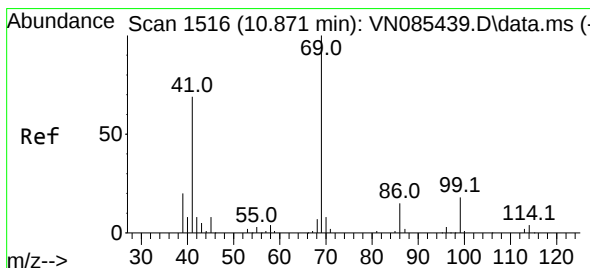
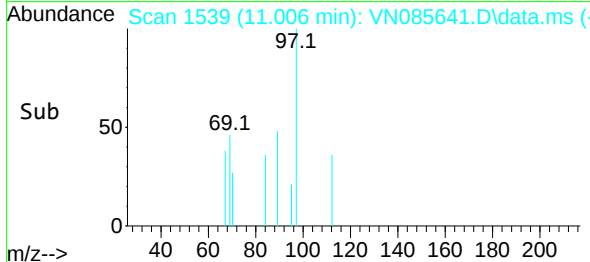
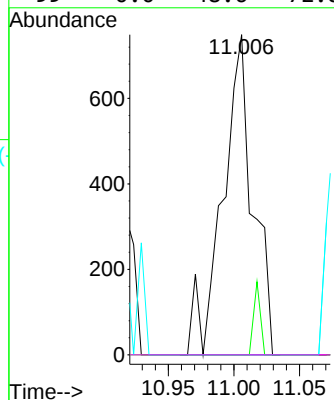


#55
1,1,2-Trichloroethane
Concen: 0.523 ug/l
RT: 11.006 min Scan# 1197
Delta R.T. -0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Instrument :
MSVOA_N
ClientSampleId :

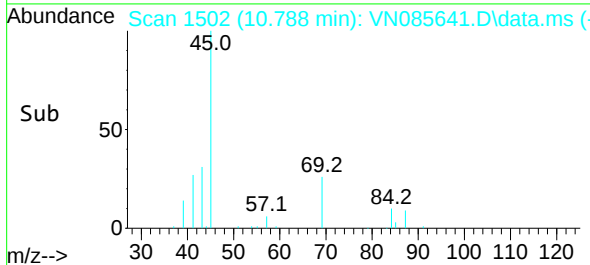
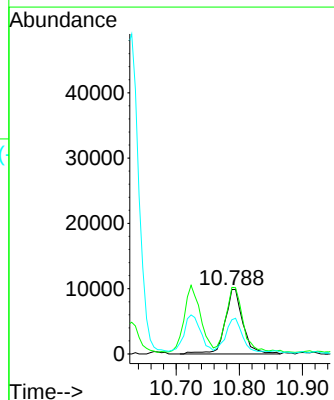
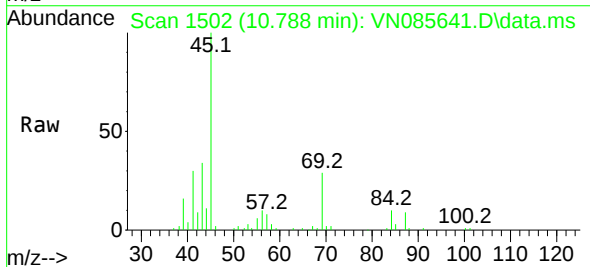


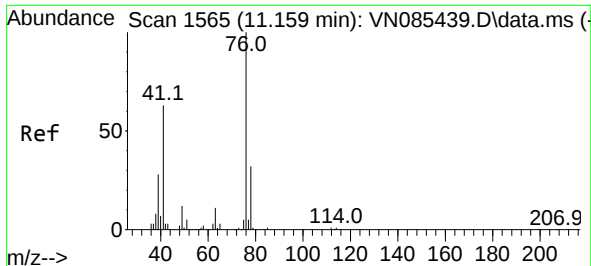
Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.0	103.6#
85	0.0	44.6	66.8#
99	0.0	48.6	72.8#



#56
Ethyl methacrylate
Concen: 6.766 ug/l
RT: 10.788 min Scan# 1502
Delta R.T. -0.083 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	90.8	54.6	82.0#
39	45.5	32.4	48.6





#57

1,3-Dichloropropane

Concen: 0.472 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.041 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Instrument :

MSVOA_N

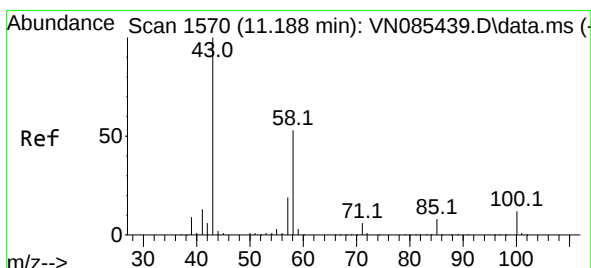
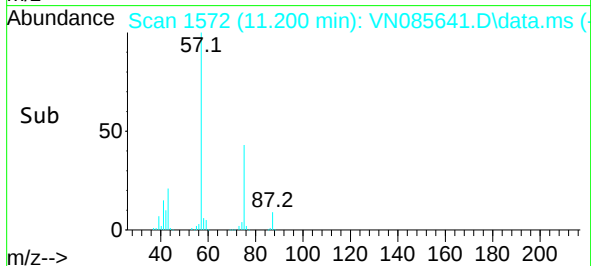
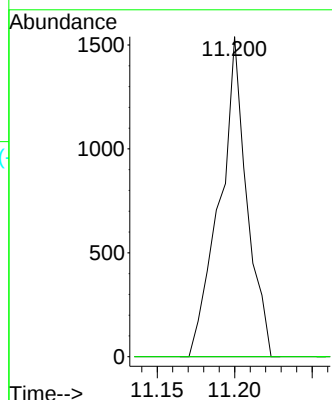
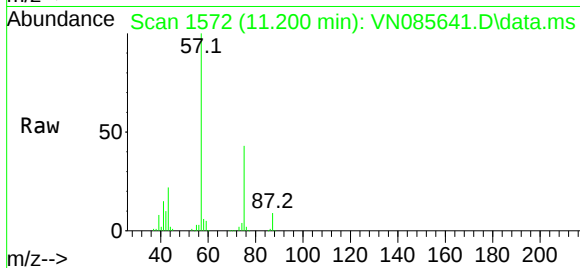
ClientSampleId :

Tgt Ion: 76 Resp: 1877

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 11.104 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.012 min

Lab File: VN085641.D

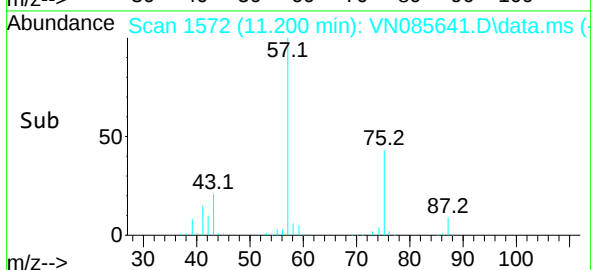
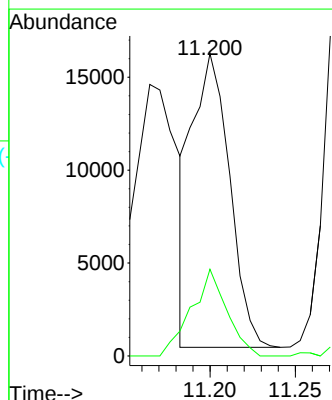
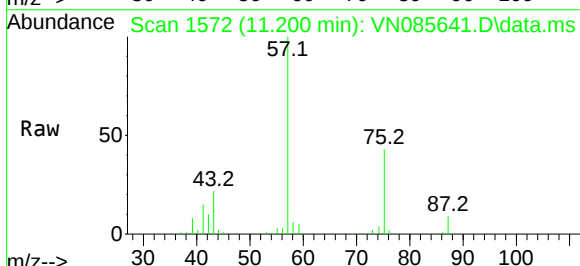
Acq: 03 Feb 2025 22:49

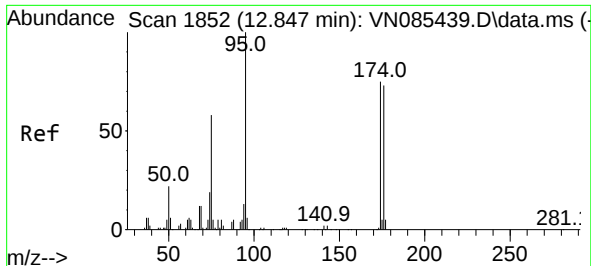
Tgt Ion: 43 Resp: 24353

Ion Ratio Lower Upper

43 100

58 27.7 26.2 78.6

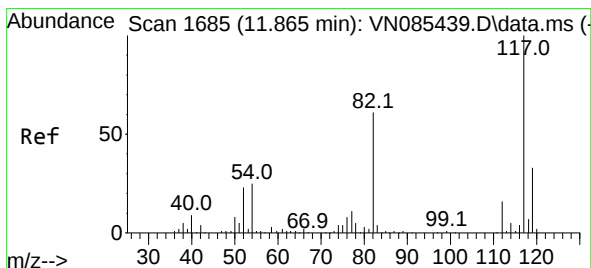
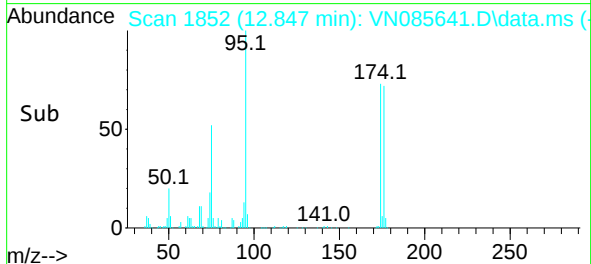
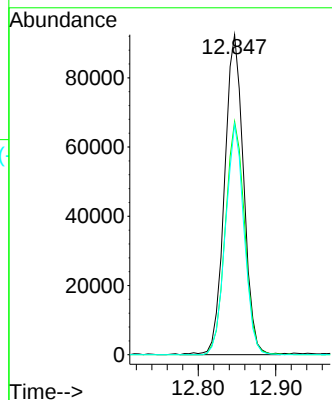
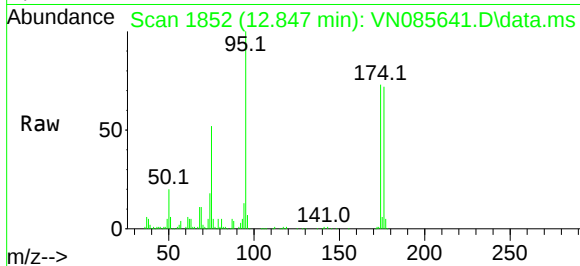




#62
4-Bromofluorobenzene
Concen: 54.941 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

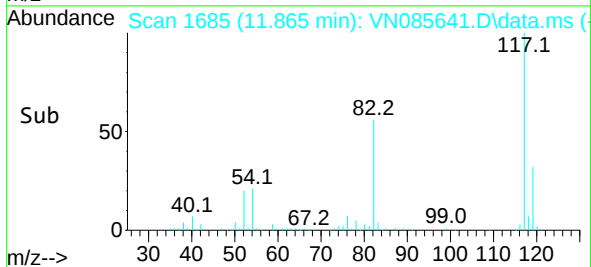
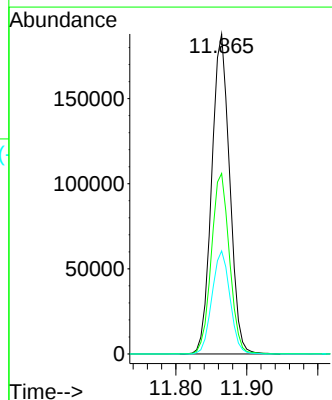
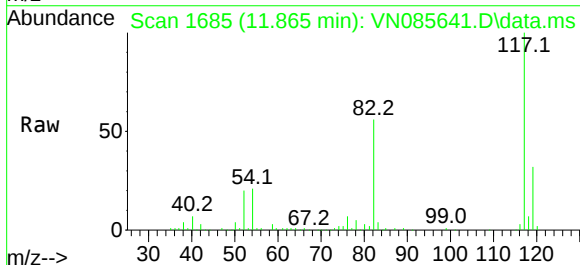
Instrument :
MSVOA_N
ClientSampleId :

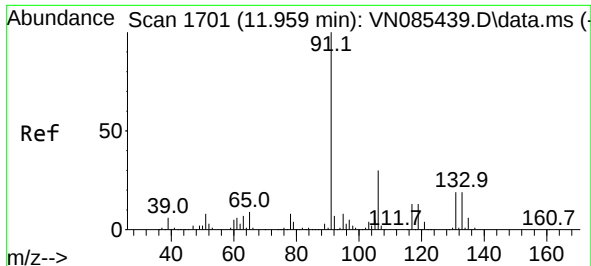
Tgt Ion: 95 Resp: 158019
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.0
176 70.0 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion: 117 Resp: 329846
Ion Ratio Lower Upper
117 100
82 56.4 48.6 72.8
119 32.2 26.6 39.8

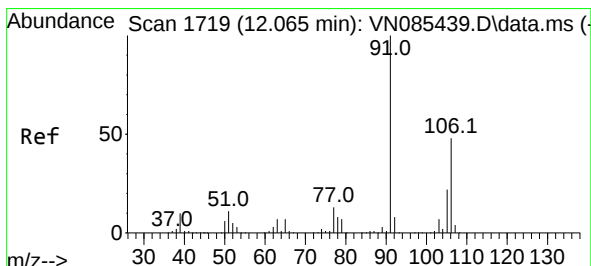
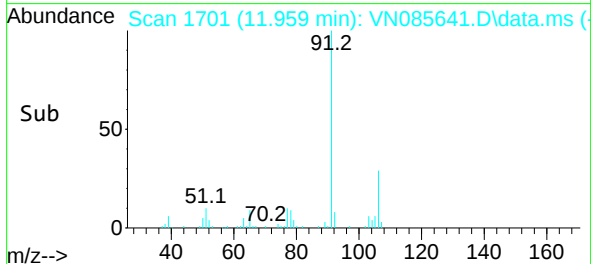
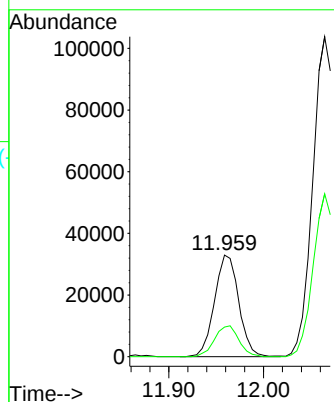
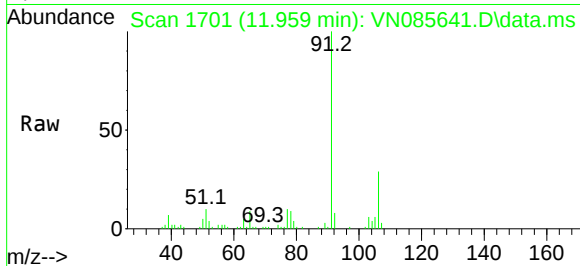




#67
Ethyl Benzene
Concen: 4.982 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

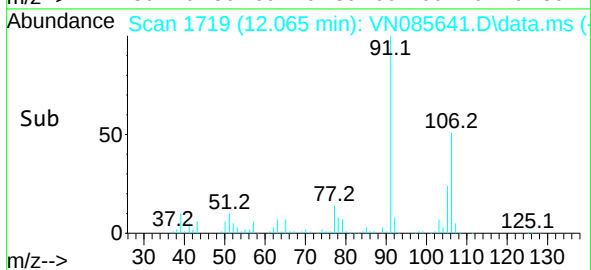
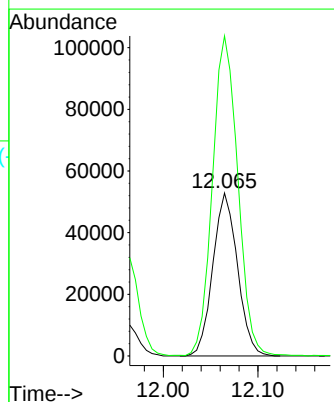
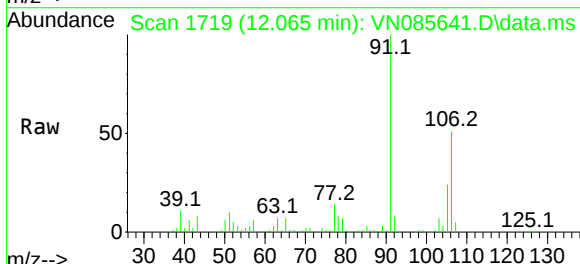
Instrument :
MSVOA_N
ClientSampleId :

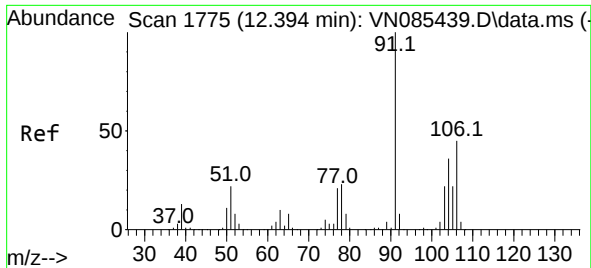
Tgt Ion: 91 Resp: 58630
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.8



#68
m/p-Xylenes
Concen: 21.948 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion:106 Resp: 95464
Ion Ratio Lower Upper
106 100
91 202.6 167.7 251.5

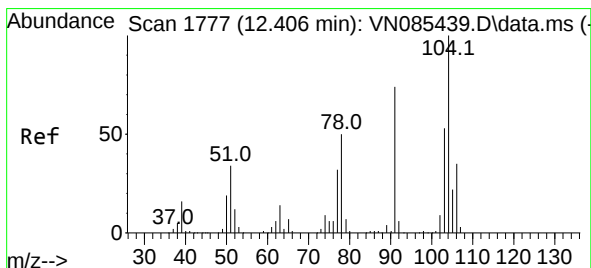
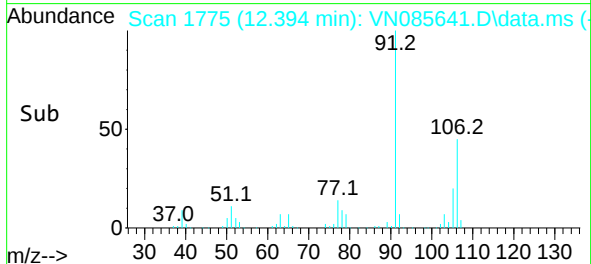
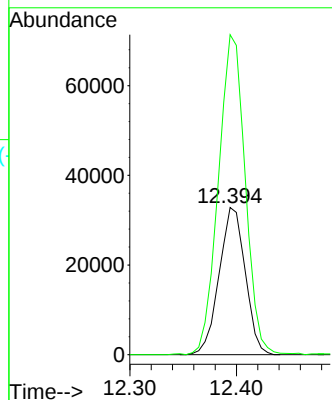
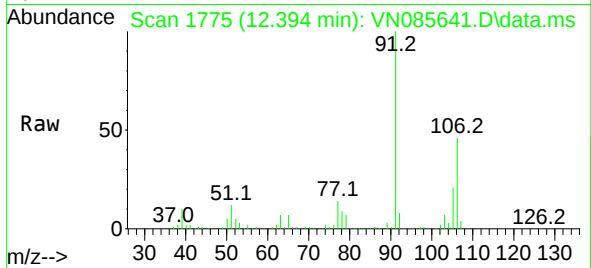




#69
o-Xylene
Concen: 13.431 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

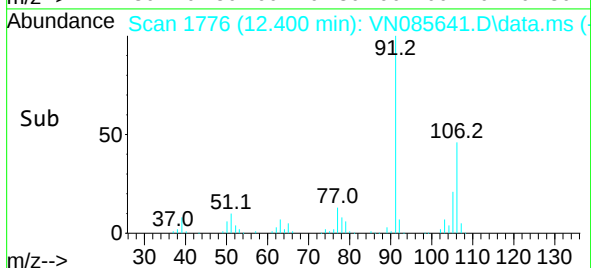
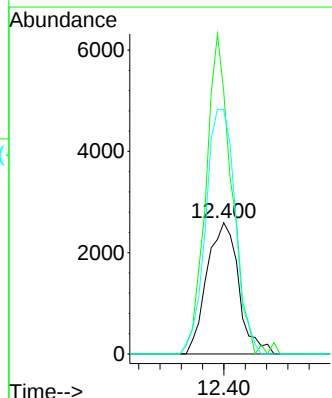
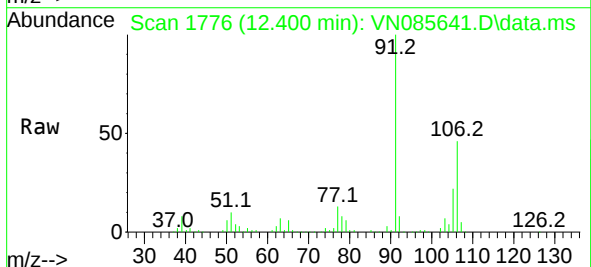
Instrument :
MSVOA_N
ClientSampleId :

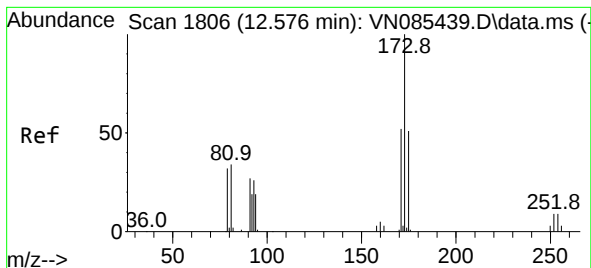
Tgt Ion:106 Resp: 55830
Ion Ratio Lower Upper
106 100
91 223.9 110.4 331.2



#70
Styrene
Concen: 0.780 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion:104 Resp: 5365
Ion Ratio Lower Upper
104 100
78 195.9 42.5 63.7#
103 174.1 43.8 65.8#





#71

Bromoform

Concen: 0.512 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

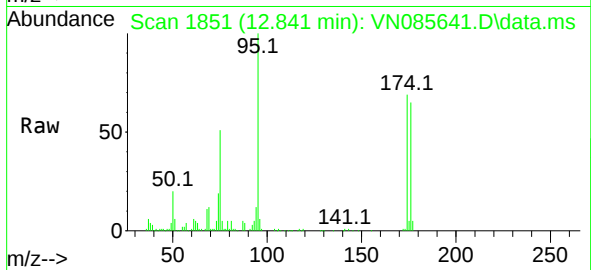
Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

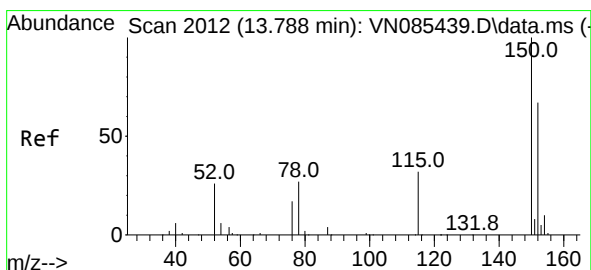
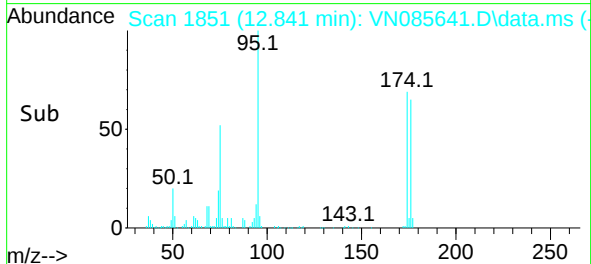
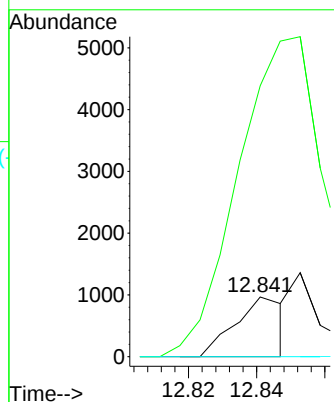
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:173	Resp:	972
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.4 73.2#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

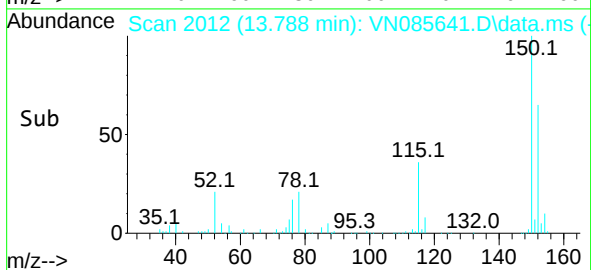
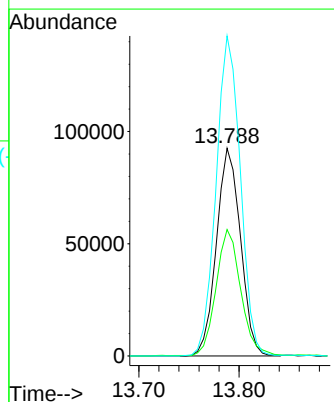
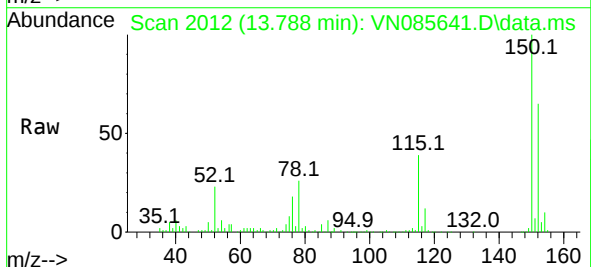
RT: 13.788 min Scan# 2012

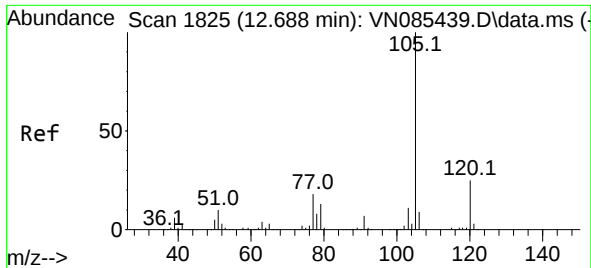
Delta R.T. -0.000 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Tgt Ion:152	Resp:	154550
Ion Ratio	Lower	Upper
152	100	
115	61.8	31.1 93.3
150	155.1	0.0 343.6

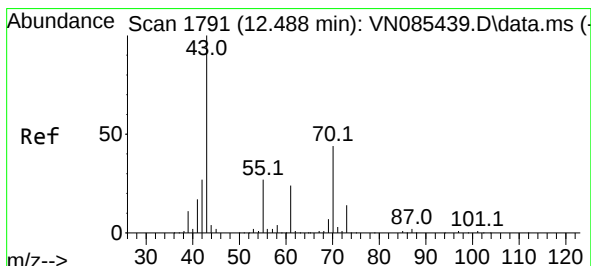
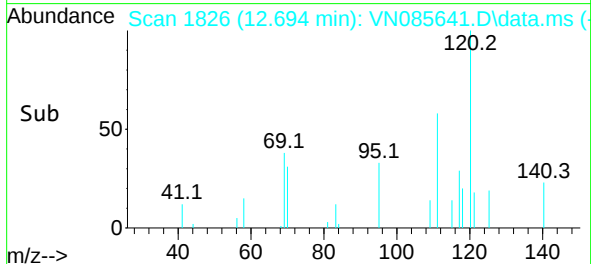
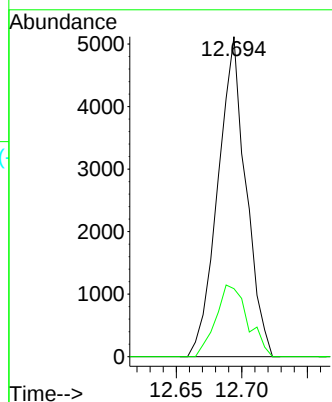
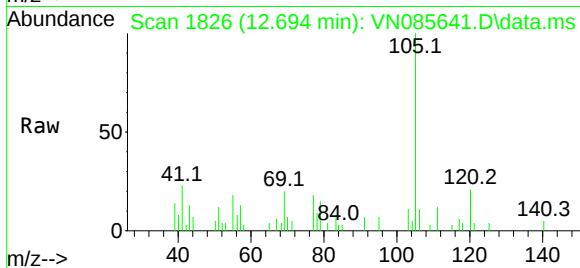




#73
Isopropylbenzene
Concen: 0.731 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

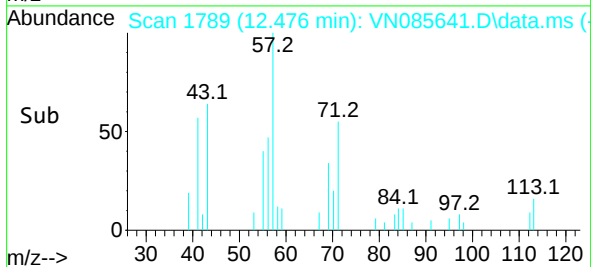
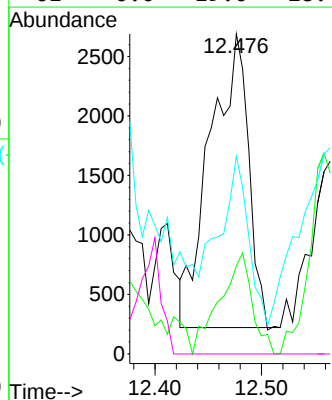
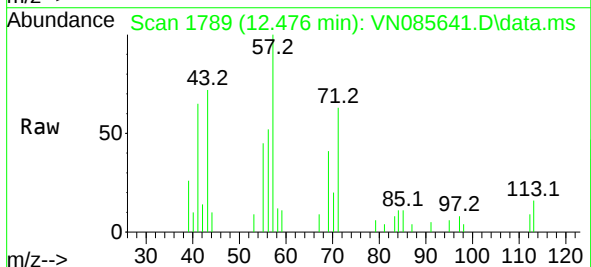
Instrument :
MSVOA_N
ClientSampleId :

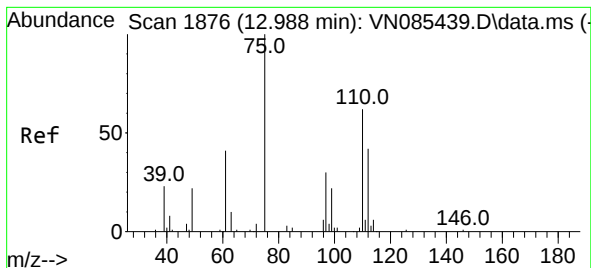
Tgt Ion:105 Resp: 7627
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3



#74
N-ethyl acetate
Concen: 1.316 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.012 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion: 43 Resp: 6169
Ion Ratio Lower Upper
43 100
70 29.0 34.0 51.0#
55 45.0 21.4 32.2#
61 0.0 19.0 28.4#





#76

1,2,3-Trichloropropane

Concen: 25.911 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Instrument :

MSVOA_N

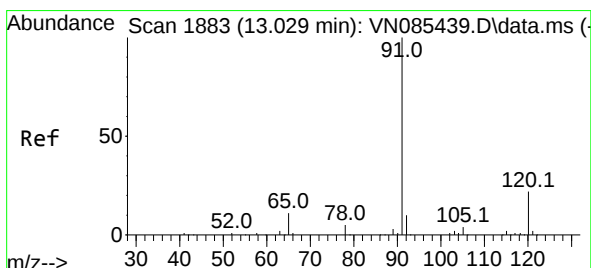
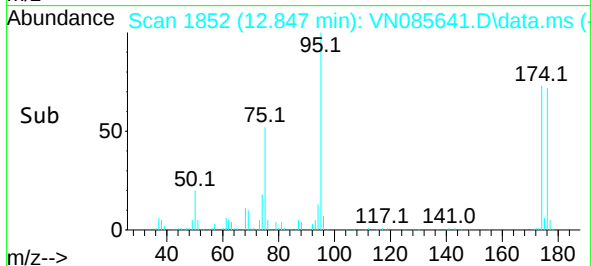
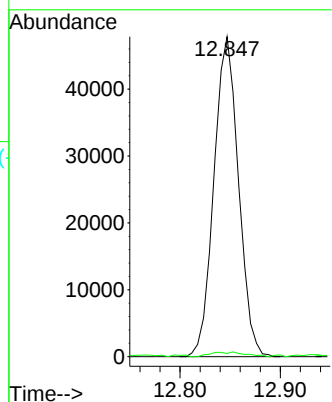
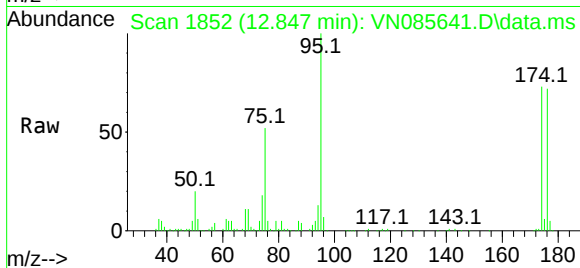
ClientSampleId :

Tgt Ion: 75 Resp: 81393

Ion Ratio Lower Upper

75 100

77 2.1 109.7 329.2#



#78

n-propylbenzene

Concen: 2.750 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN085641.D

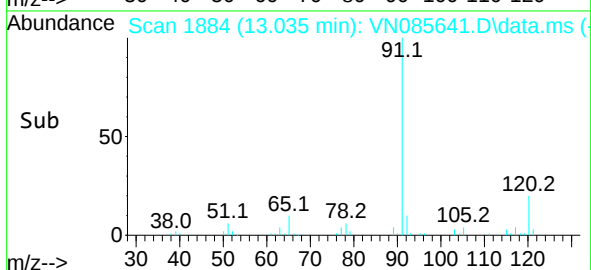
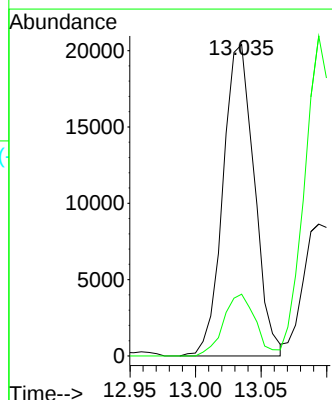
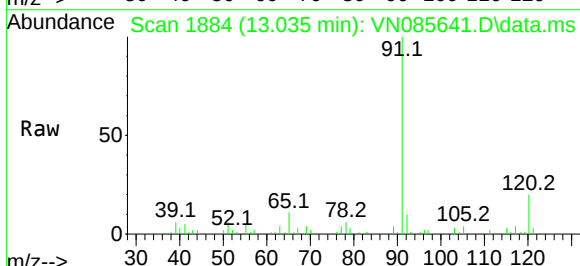
Acq: 03 Feb 2025 22:49

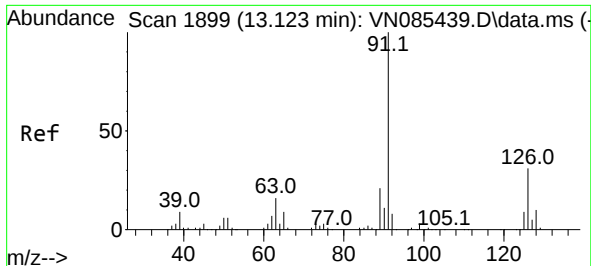
Tgt Ion: 91 Resp: 33952

Ion Ratio Lower Upper

91 100

120 20.4 10.9 32.6

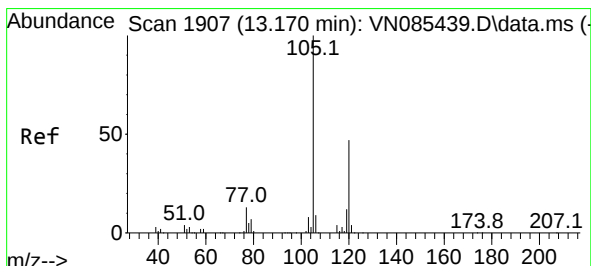
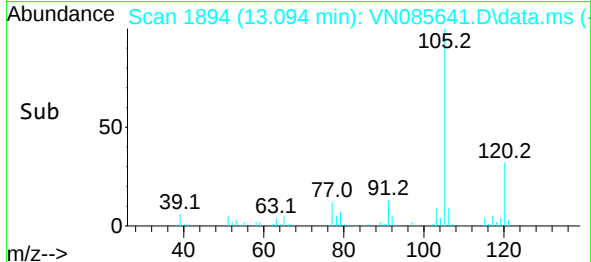
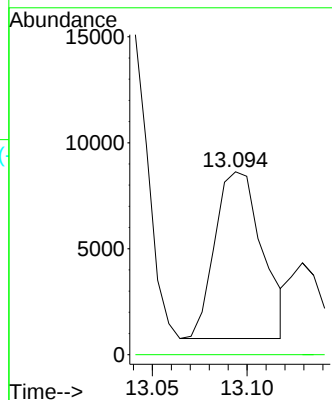
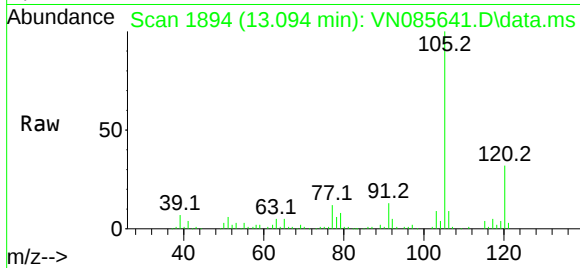




#79
2-Chlorotoluene
Concen: 1.714 ug/l
RT: 13.094 min Scan# 1899
Delta R.T. -0.030 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

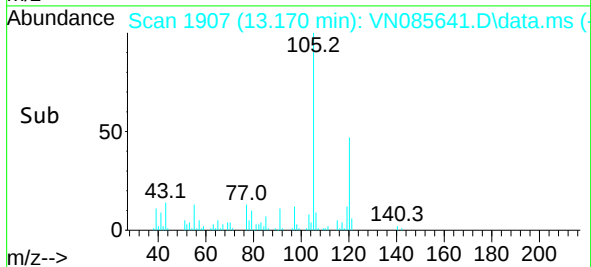
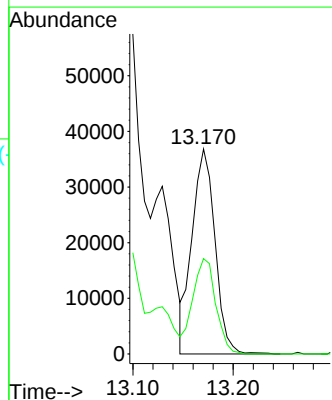
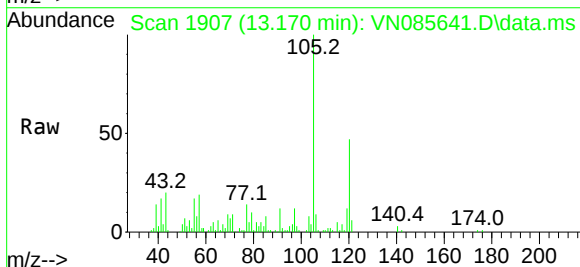
Instrument :
MSVOA_N
ClientSampleId :

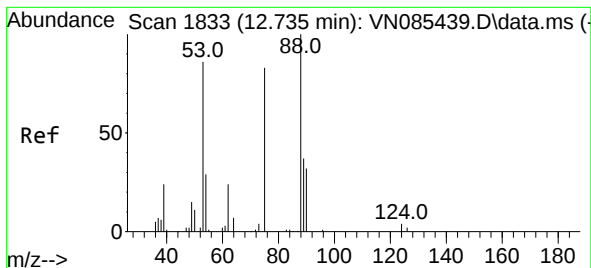
Tgt Ion: 91 Resp: 13694
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#80
1,3,5-Trimethylbenzene
Concen: 6.804 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion:105 Resp: 58625
Ion Ratio Lower Upper
105 100
120 46.9 23.9 71.7

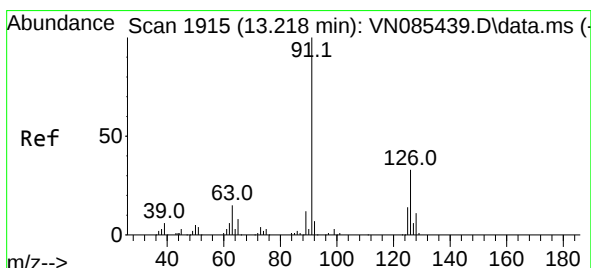
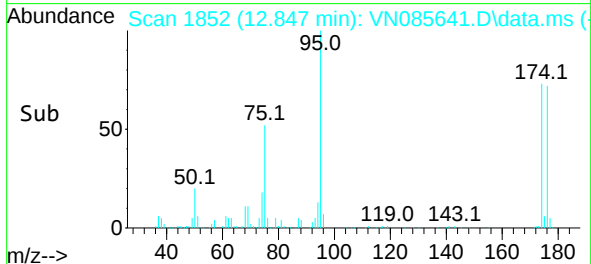
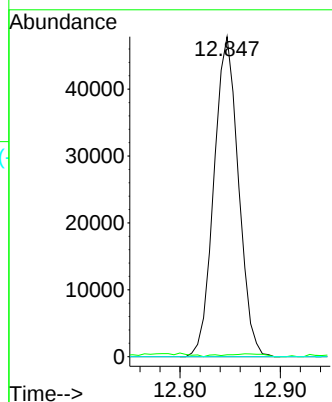
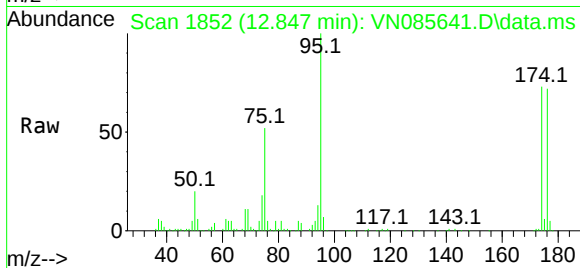




#81
trans-1,4-Dichloro-2-butene
Concen: 70.104 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

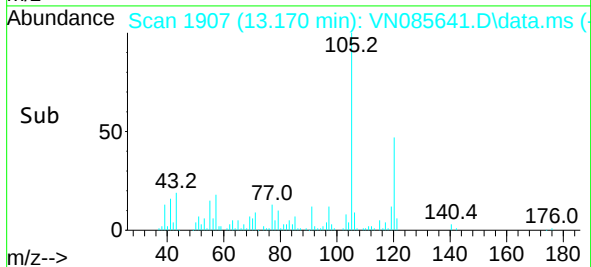
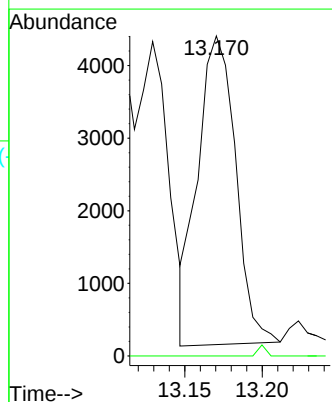
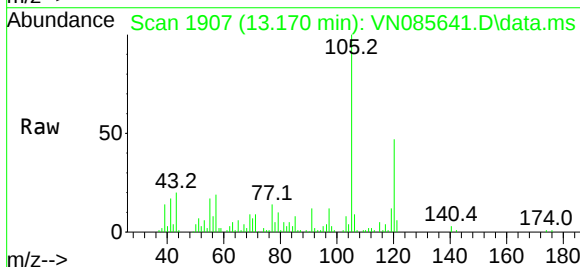
Instrument :
MSVOA_N
ClientSampleId :

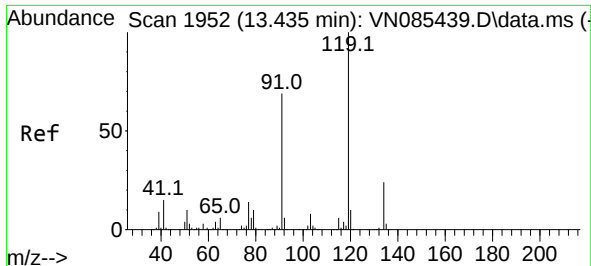
Tgt Ion: 75 Resp: 81393
Ion Ratio Lower Upper
75 100
53 0.3 95.6 143.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.909 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion: 91 Resp: 7230
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#

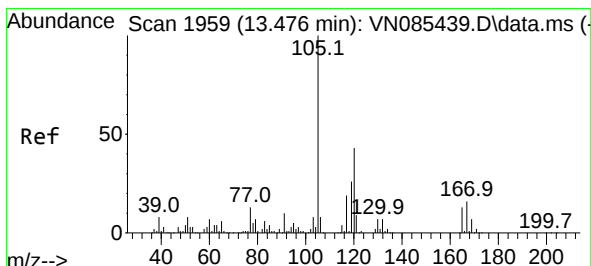
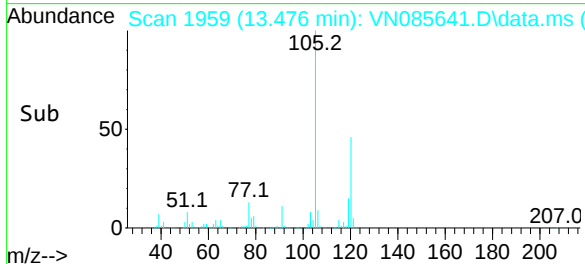
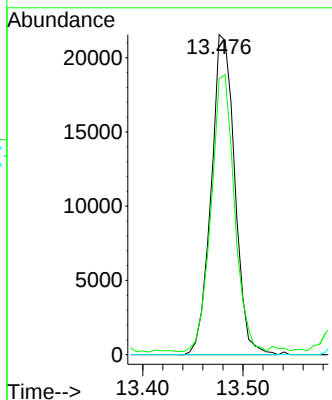
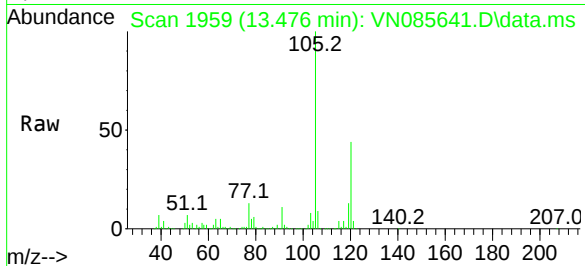




#83
tert-Butylbenzene
Concen: 4.866 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.041 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

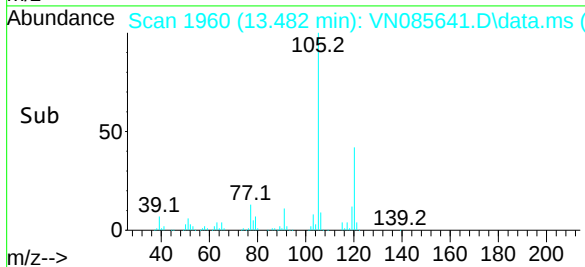
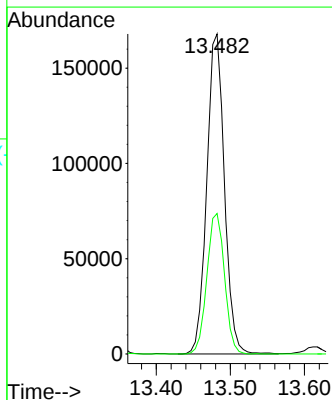
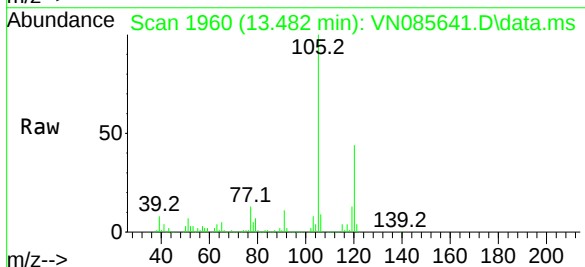
Instrument :
MSVOA_N
ClientSampleId :

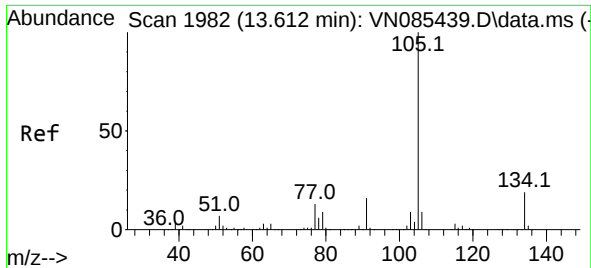
Tgt Ion:119 Resp: 35204
Ion Ratio Lower Upper
119 100
91 85.4 35.1 105.3
134 0.0 12.0 36.1#



#84
1,2,4-Trimethylbenzene
Concen: 32.340 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion:105 Resp: 277715
Ion Ratio Lower Upper
105 100
120 43.8 21.6 65.0

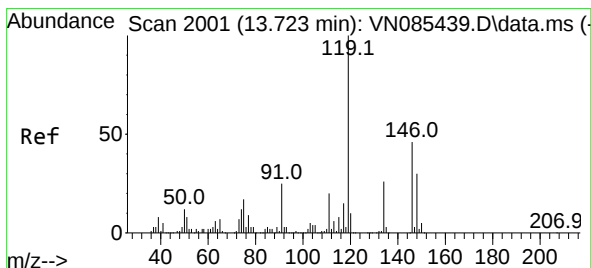
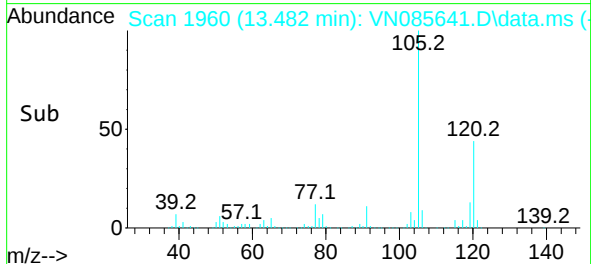
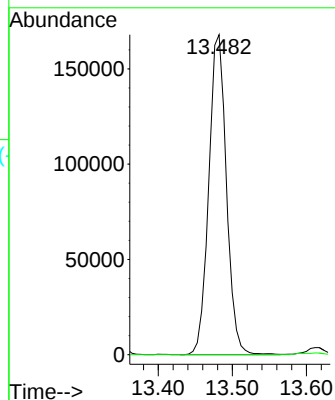
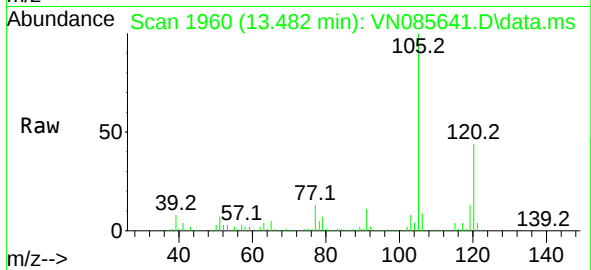




#85
 sec-Butylbenzene
 Concen: 27.694 ug/l
 RT: 13.482 min Scan# 1982
 Delta R.T. -0.130 min
 Lab File: VN085641.D
 Acq: 03 Feb 2025 22:49

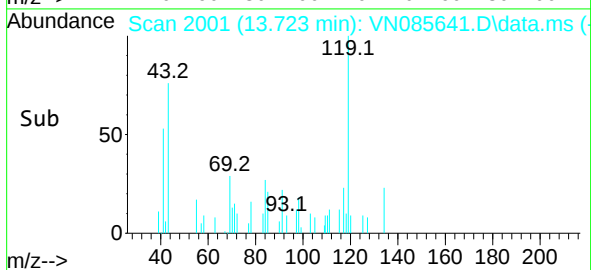
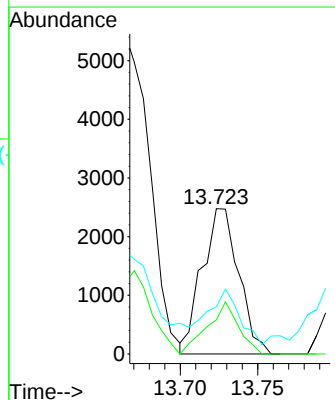
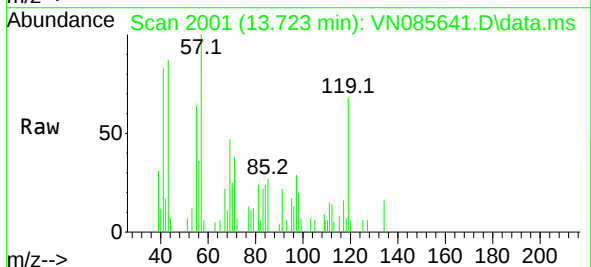
Instrument :
 MSVOA_N
 ClientSampleId :

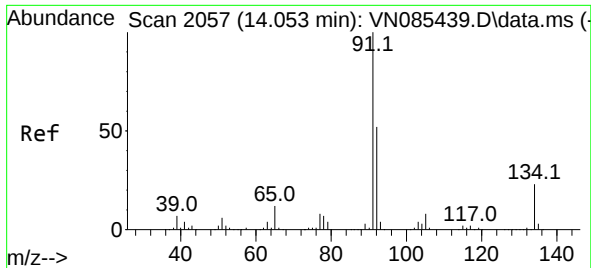
Tgt Ion:105 Resp: 277715
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 0.535 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085641.D
 Acq: 03 Feb 2025 22:49

Tgt Ion:119 Resp: 4059
 Ion Ratio Lower Upper
 119 100
 134 30.3 12.7 38.0
 91 33.1 12.7 38.1

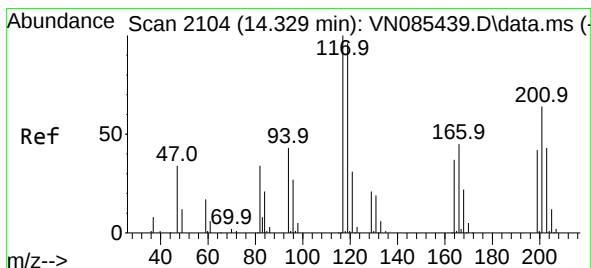
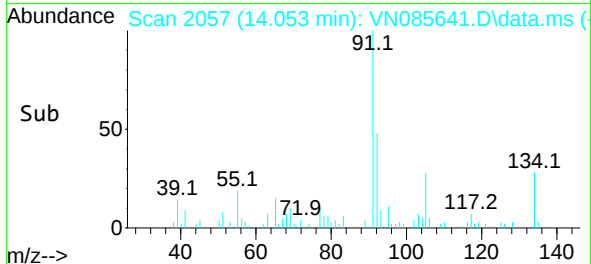
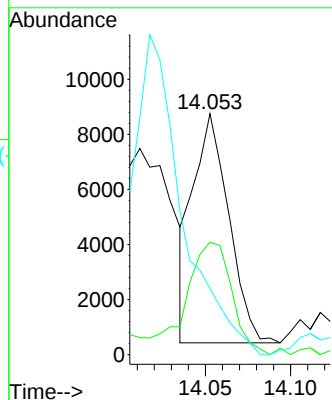
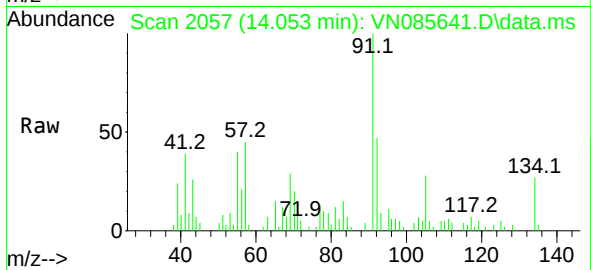




#89
n-Butylbenzene
Concen: 1.687 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

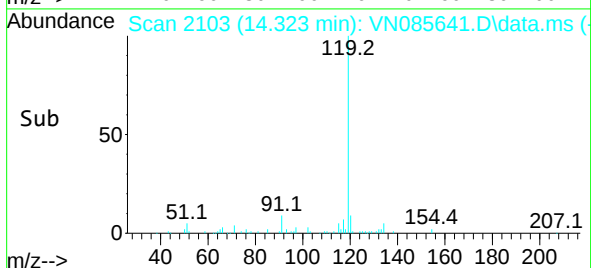
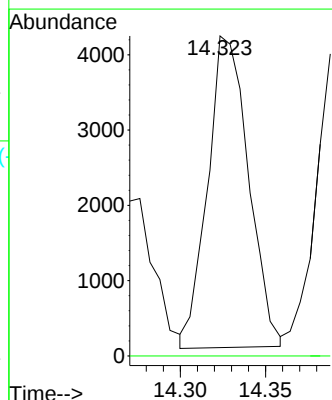
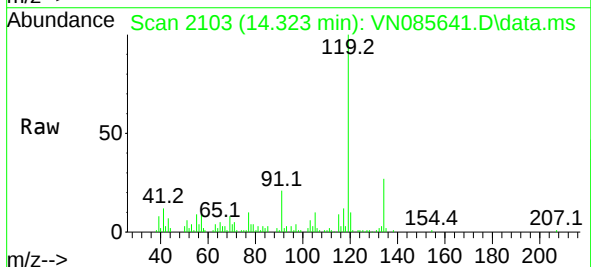
Instrument :
MSVOA_N
ClientSampleId :

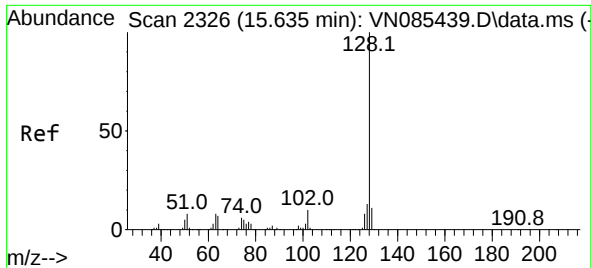
Tgt Ion: 91 Resp: 12137
Ion Ratio Lower Upper
91 100
92 62.2 25.8 77.3
134 0.0 11.7 35.1#



#90
Hexachloroethane
Concen: 3.609 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN085641.D
Acq: 03 Feb 2025 22:49

Tgt Ion: 117 Resp: 6890
Ion Ratio Lower Upper
117 100
201 0.0 33.7 101.0#





#95

Naphthalene

Concen: 15.910 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

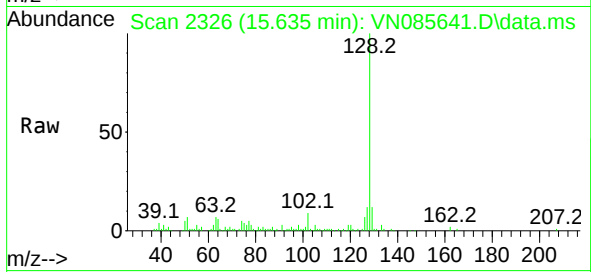
Lab File: VN085641.D

Acq: 03 Feb 2025 22:49

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 110466

Ion Ratio Lower Upper

128 100

127 14.2 10.6 16.0

129 12.0 8.8 13.2

