

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086517.D
 Acq On : 06 May 2025 16:11
 Operator : JC\MD
 Sample : Q1939-03ME
 Misc : 7.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GB2

Quant Time: May 07 02:56:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	146112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	275620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	102195	48.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	8.165	113	72813	56.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.840%
50) Toluene-d8	10.565	98	356510	52.147	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.847	95	124373	49.877	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.760%

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	2524	1.003	ug/l #	82
10) Methyl Iodide	4.571	142	1622	0.917	ug/l #	77
16) Acetone	4.453	43	1681	Below Cal	#	43
17) Carbon Disulfide	4.671	76	1483	0.288	ug/l #	74
18) Methyl Acetate	5.036	43	10297	4.049	ug/l	90
20) Methylene Chloride	5.253	84	1964	1.003	ug/l #	89
25) 2-Butanone	7.494	43	470	0.356	ug/l #	48
31) Cyclohexane	8.212	56	4600	1.340	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11620	4.548	ug/l #	50
38) Carbon Tetrachloride	8.218	117	14601	6.001	ug/l #	16
39) Methylcyclohexane	9.594	83	16815	5.537	ug/l	94
43) Isopropyl Acetate	8.682	43	6960	Below Cal	#	55
48) Methyl methacrylate	9.594	41	10664	4.515	ug/l #	66
51) 4-Methyl-2-Pentanone	10.447	43	1107	0.402	ug/l #	35
52) Toluene	10.623	92	1459	0.286	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	10698	5.821	ug/l #	22
56) Ethyl methacrylate	10.859	69	5289	1.566	ug/l #	86
59) 2-Hexanone	11.165	43	27473	13.447	ug/l #	29
65) Chlorobenzene	11.882	112	1999	0.330	ug/l #	84
67) Ethyl Benzene	11.959	91	5207	0.477	ug/l	95
68) m/p-Xylenes	12.065	106	5374	1.314	ug/l	88
69) o-Xylene	12.394	106	2319	0.573	ug/l	68
71) Bromoform	12.841	173	489	0.325	ug/l #	1
73) Isopropylbenzene	12.694	105	6512	0.664	ug/l	98
74) N-amyl acetate	12.482	43	39446	8.081	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.929	83	3681	1.306	ug/l #	64
76) 1,2,3-Trichloropropane	12.847	75	63248	22.359	ug/l #	1
78) n-propylbenzene	13.035	91	9180	0.794	ug/l	100
79) 2-Chlorotoluene	13.123	91	70464	9.746	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	4028	0.502	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	63248	53.698	ug/l #	11
82) 4-Chlorotoluene	13.217	91	39744	5.534	ug/l	93
83) tert-Butylbenzene	13.435	119	2716	0.391	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	13040	1.596	ug/l	98
85) sec-Butylbenzene	13.611	105	12216	1.266	ug/l #	76
86) p-Isopropyltoluene	13.729	119	2151	0.271	ug/l	91

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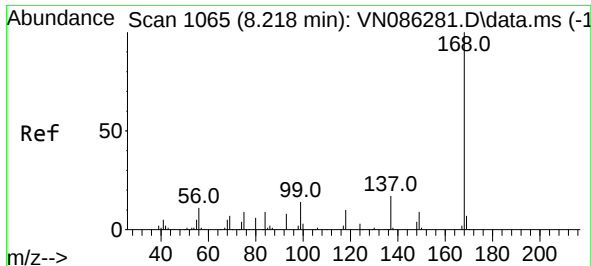
Instrument :
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Quant Time: May 07 02:56:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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 Response via : Initial Calibration

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

87) 1,3-Dichlorobenzene	13.729	146	934	0.229	ug/l #	1
88) 1,4-Dichlorobenzene	13.811	146	6481	1.575	ug/l #	49
89) n-Butylbenzene	14.053	91	6688	0.949	ug/l	94
90) Hexachloroethane	14.323	117	2817	2.106	ug/l #	19
91) 1,2-Dichlorobenzene	14.094	146	897	0.227	ug/l #	56
92) 1,2-Dibromo-3-Chloropr...	14.823	75	3315	5.831	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.388	180	2179	1.149	ug/l #	1
94) Hexachlorobutadiene	15.494	225	781	1.091	ug/l	92
95) Naphthalene	15.635	128	12987	1.932	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	1907	1.062	ug/l #	47

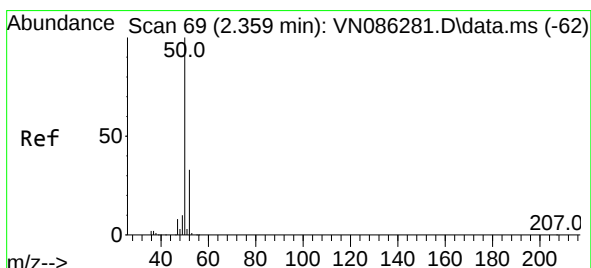
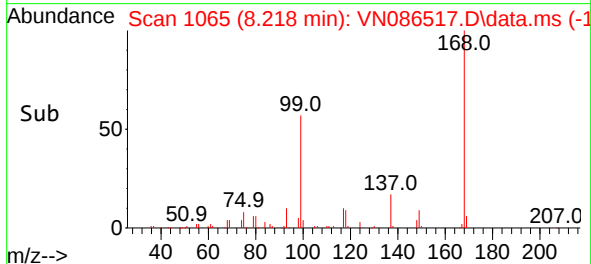
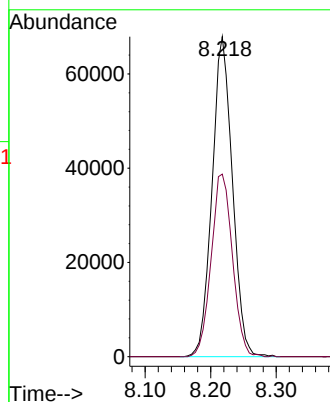
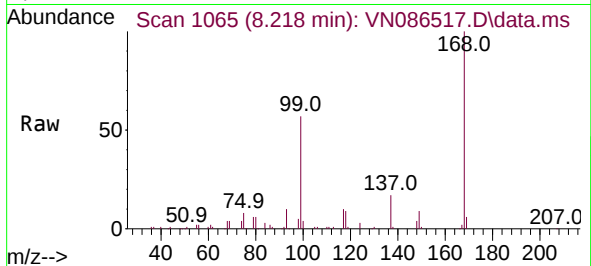
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

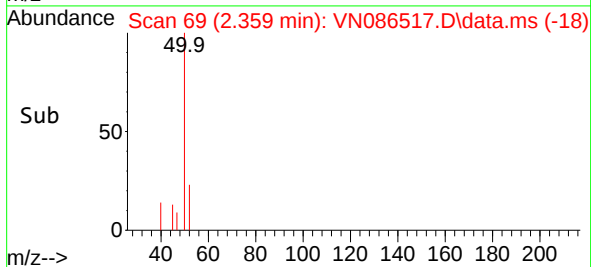
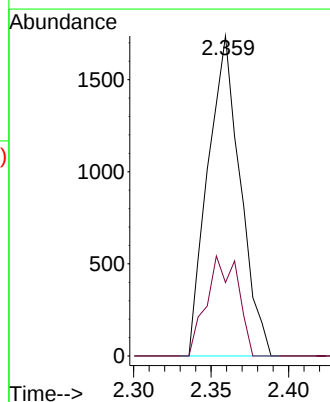
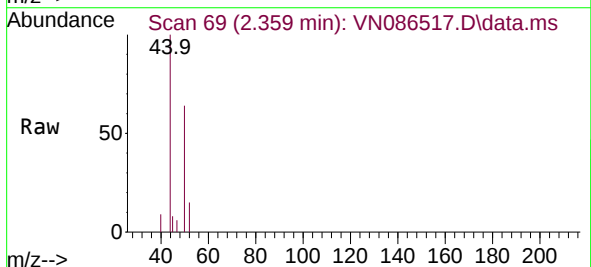
Instrument :
MSVOA_N
ClientSampleId :
GB2

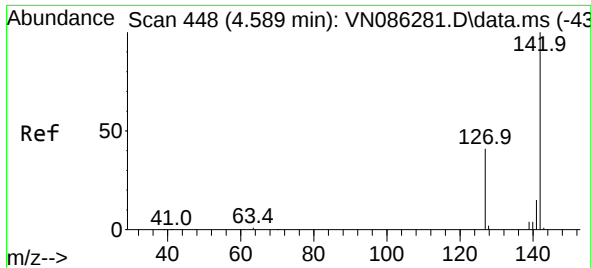
Tgt Ion:168 Resp: 146112
Ion Ratio Lower Upper
168 100
99 57.1 52.5 78.7



#3
Chloromethane
Concen: 1.003 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 50 Resp: 2524
Ion Ratio Lower Upper
50 100
52 23.0 26.5 39.7#

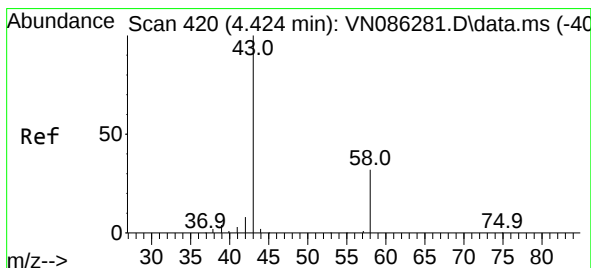
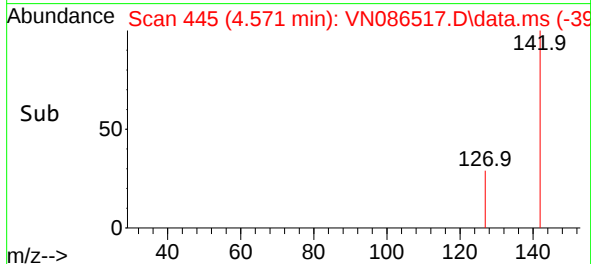
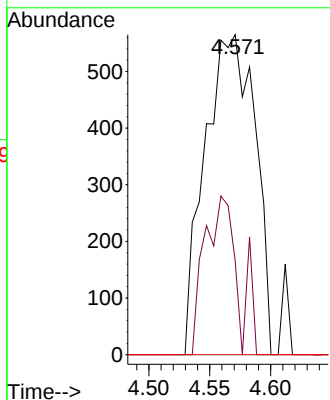
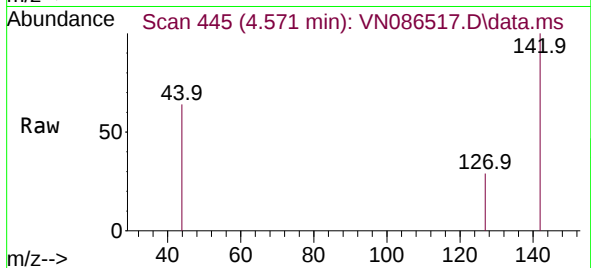




#10
Methyl Iodide
Concen: 0.917 ug/l
RT: 4.571 min Scan# 44
Delta R.T. -0.018 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

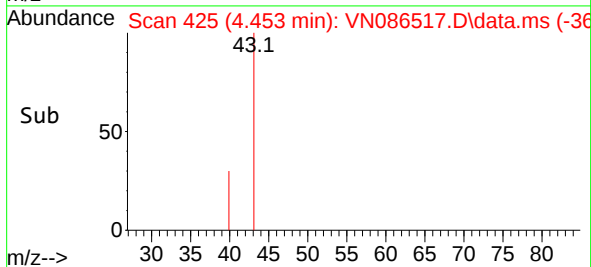
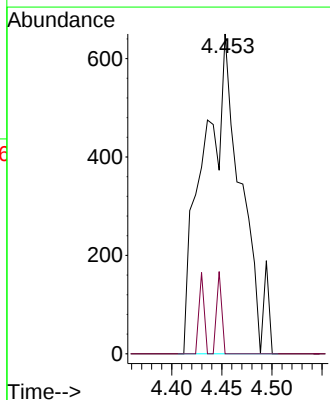
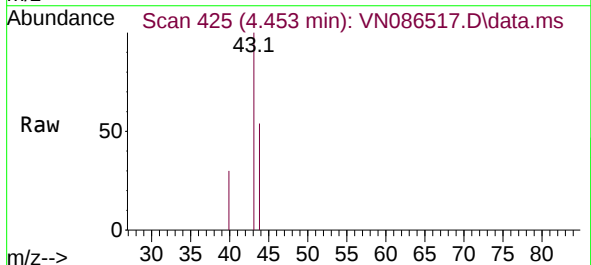
Instrument :
MSVOA_N
ClientSampleId :
GB2

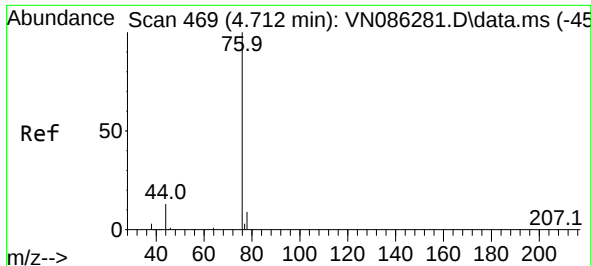
Tgt Ion:142 Resp: 1622
Ion Ratio Lower Upper
142 100
127 29.4 32.7 49.1#
141 0.0 11.7 17.5#



#16
Acetone
Concen: Below Cal
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#

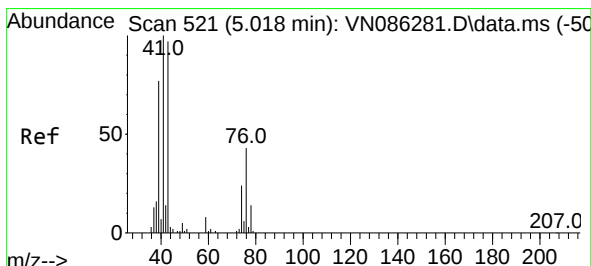
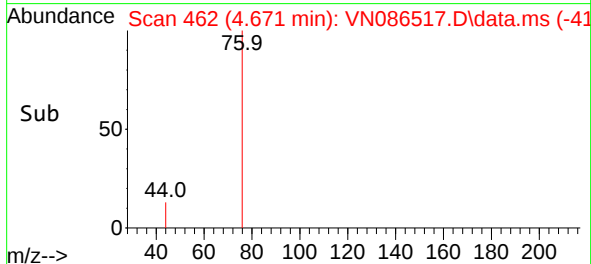
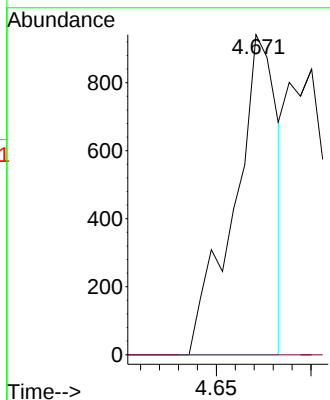
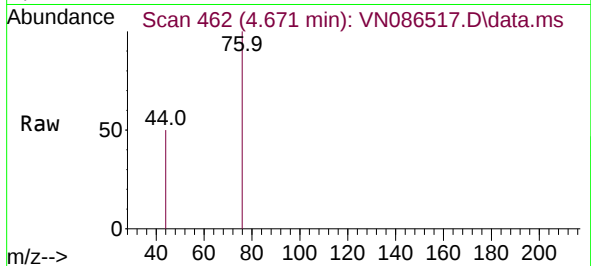




#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 4.671 min Scan# 41
Delta R.T. -0.041 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

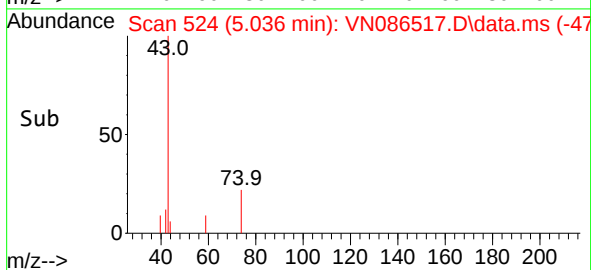
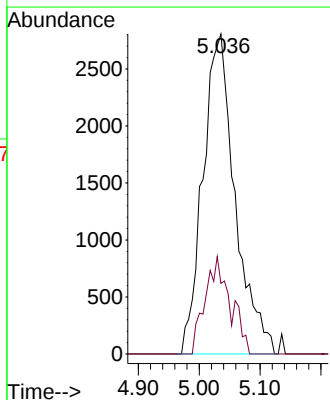
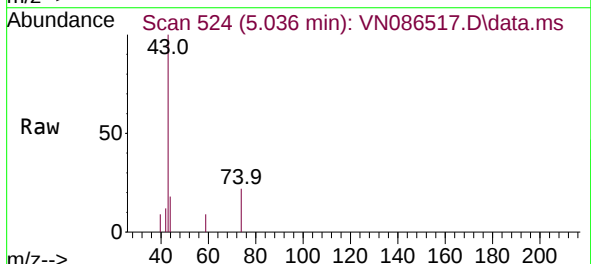
Instrument :
MSVOA_N
ClientSampleId :
GB2

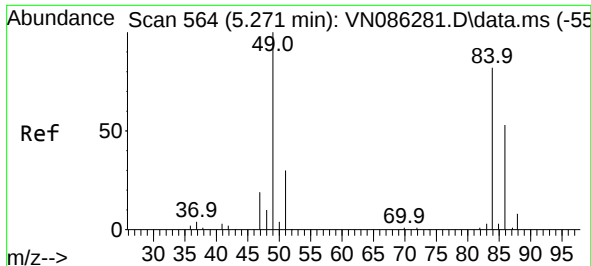
Tgt Ion: 76 Resp: 1483
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: 4.049 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.017 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

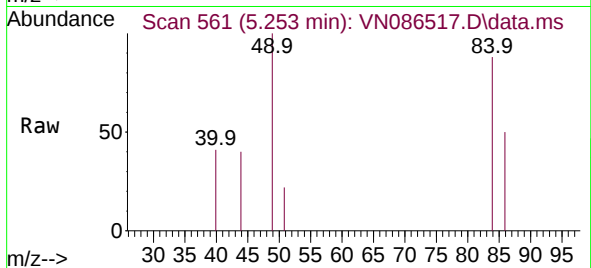
Tgt Ion: 43 Resp: 10297
Ion Ratio Lower Upper
43 100
74 19.8 19.8 29.6





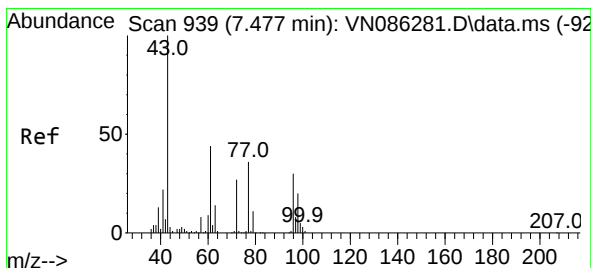
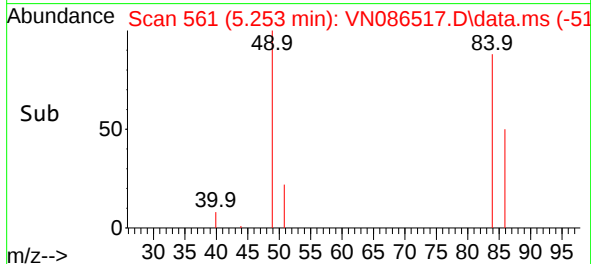
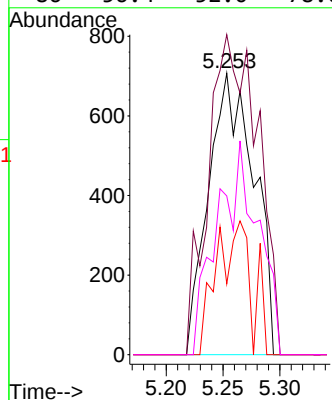
#20
Methylene Chloride
Concen: 1.003 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
GB2



Tgt Ion: 84 Resp: 1964

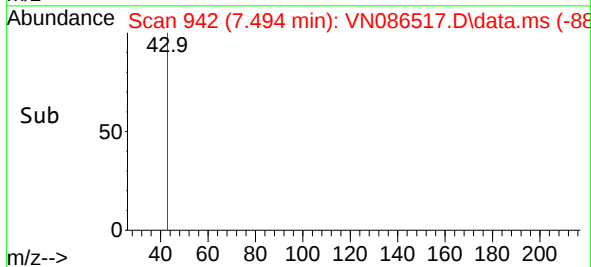
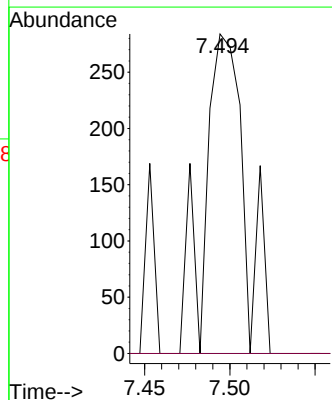
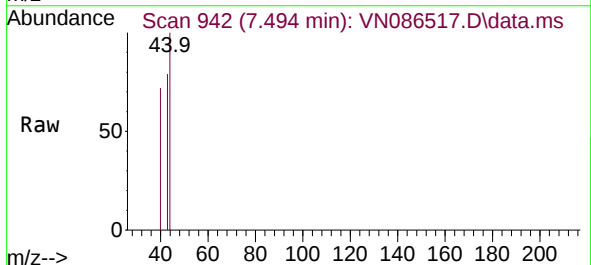
Ion	Ratio	Lower	Upper
84	100		
49	113.7	98.2	147.2
51	25.2	29.8	44.6#
86	56.4	52.0	78.0

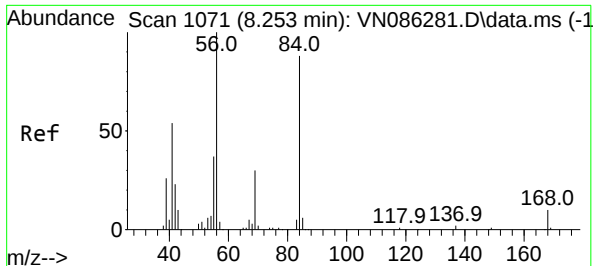


#25
2-Butanone
Concen: 0.356 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 43 Resp: 470

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5#

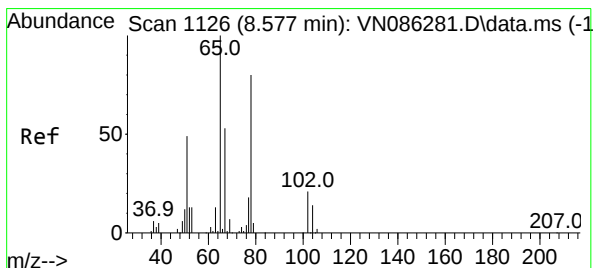
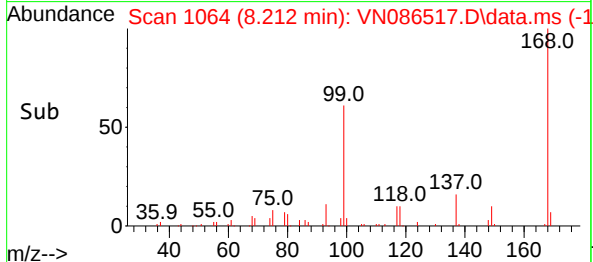
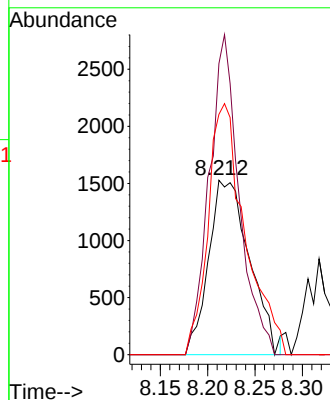
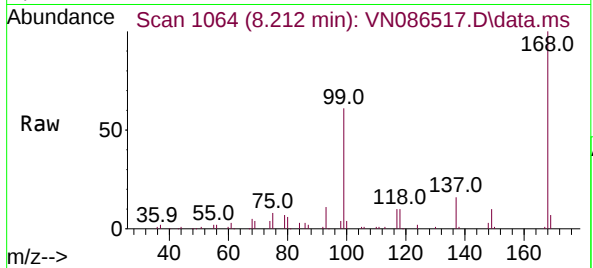




#31
Cyclohexane
Concen: 1.340 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

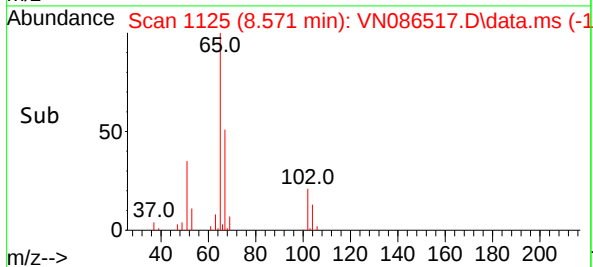
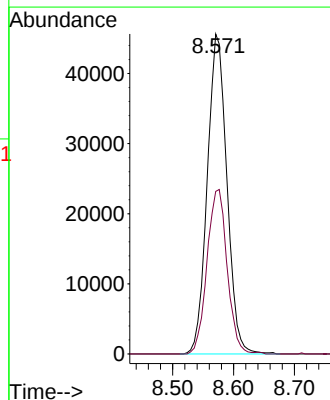
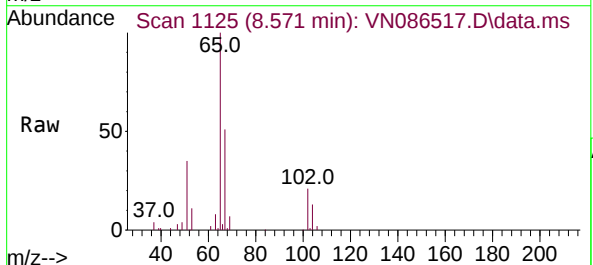
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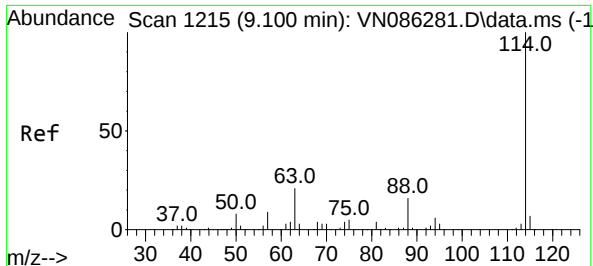
Tgt Ion: 56 Resp: 4600
Ion Ratio Lower Upper
56 100
69 166.9 24.2 36.2#
84 137.8 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 48.234 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 65 Resp: 102195
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

GB2

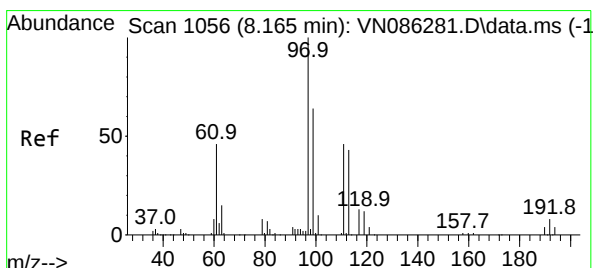
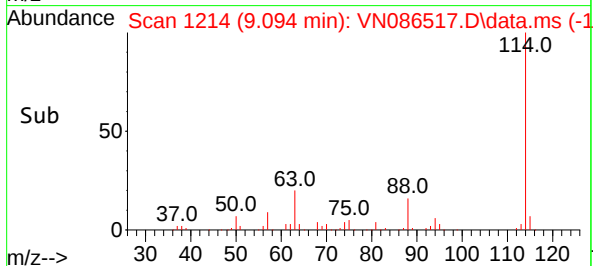
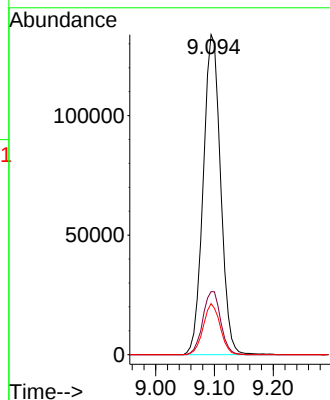
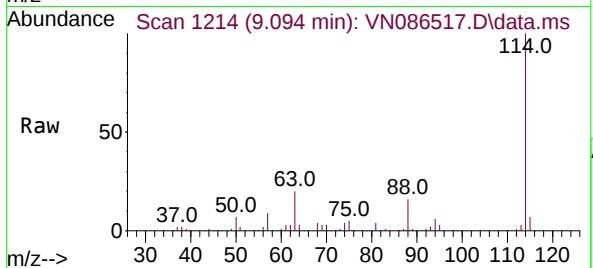
Tgt Ion:114 Resp: 275620

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.921 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

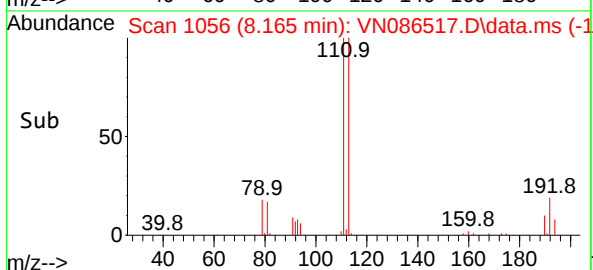
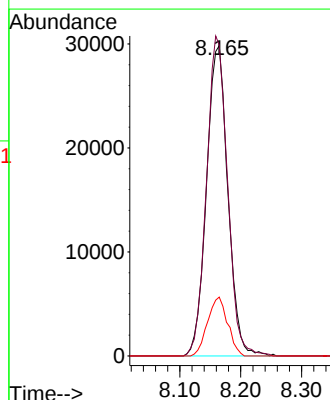
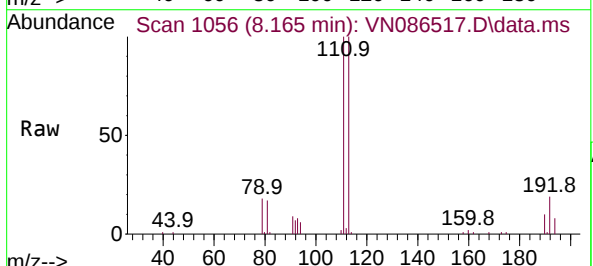
Tgt Ion:113 Resp: 72813

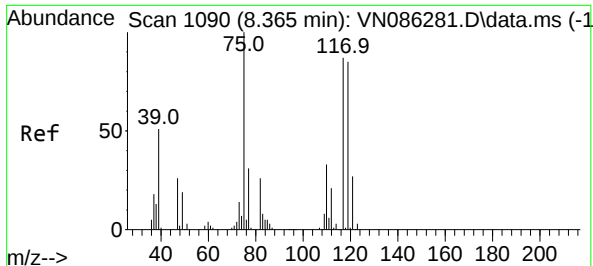
Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.0

192 17.8 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.548 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

GB2

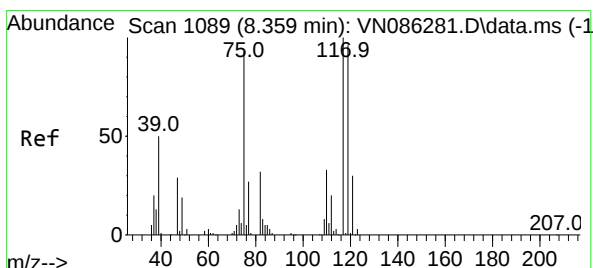
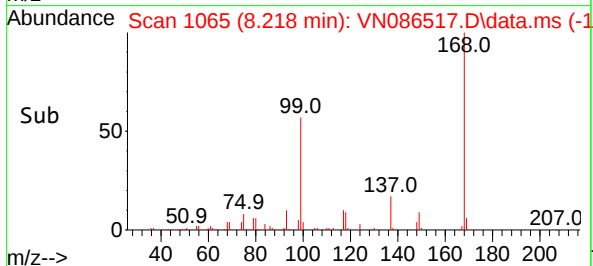
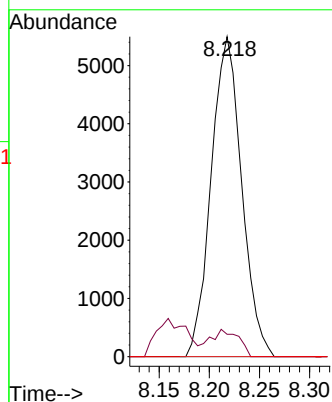
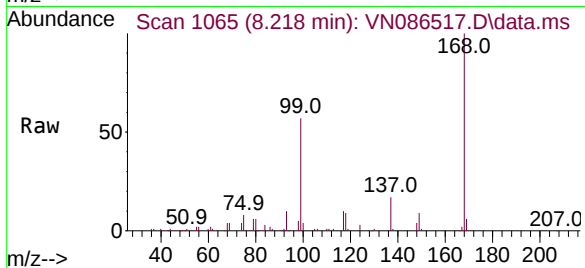
Tgt Ion: 75 Resp: 11620

Ion Ratio Lower Upper

75 100

110 8.0 16.8 50.4#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.001 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

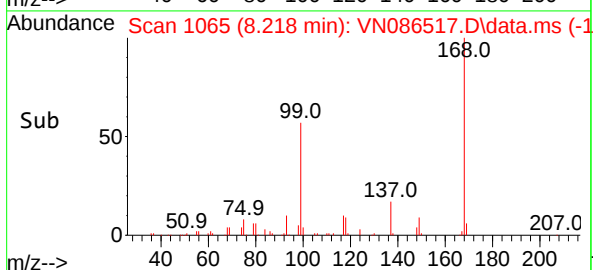
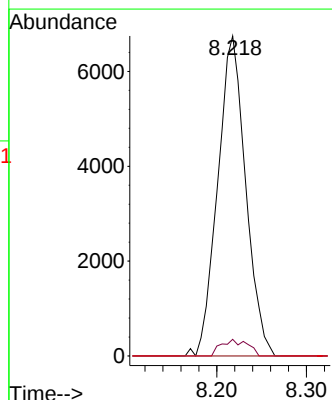
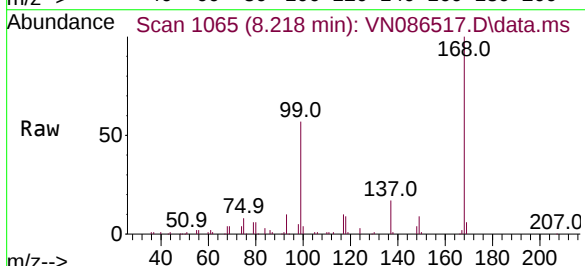
Tgt Ion: 117 Resp: 14601

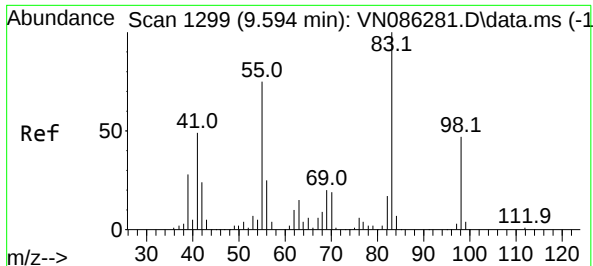
Ion Ratio Lower Upper

117 100

119 5.2 76.8 115.2#

121 0.0 23.8 35.8#





#39

Methylcyclohexane

Concen: 5.537 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

GB2

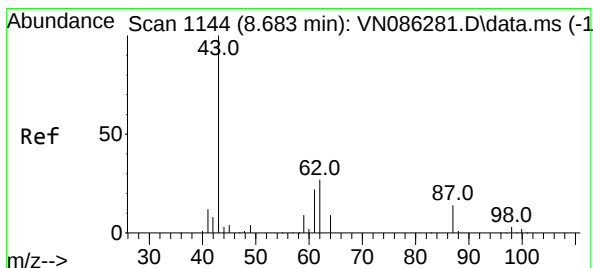
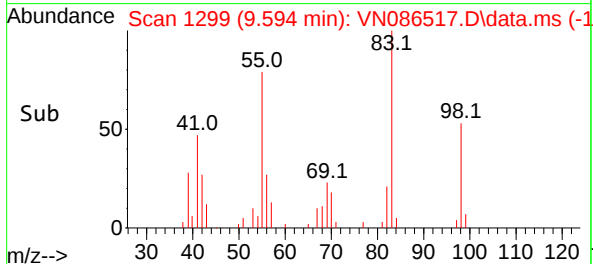
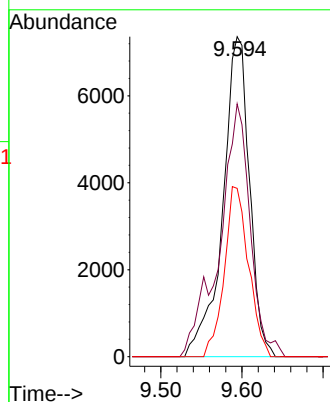
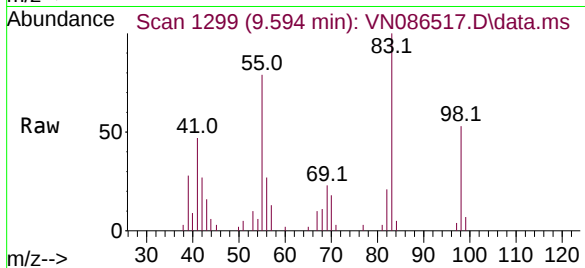
Tgt Ion: 83 Resp: 16815

Ion Ratio Lower Upper

83 100

55 79.0 59.8 89.8

98 52.6 37.9 56.9



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.682 min Scan# 1144

Delta R.T. -0.001 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

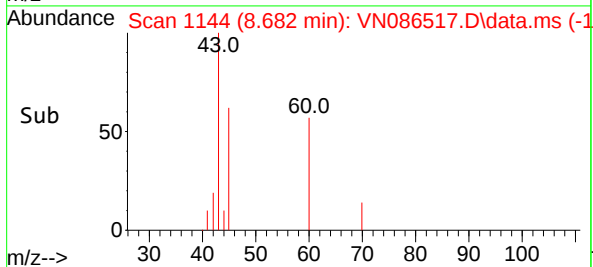
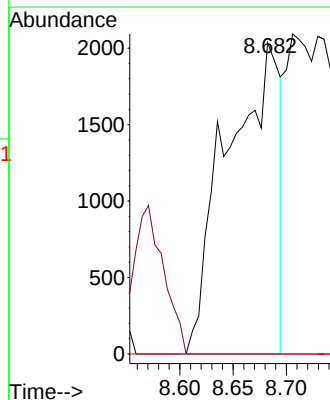
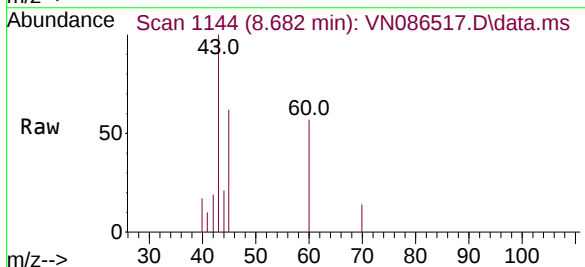
Tgt Ion: 43 Resp: 6960

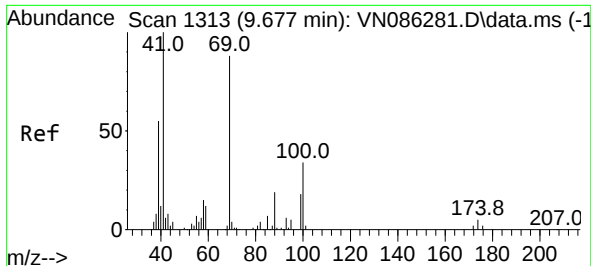
Ion Ratio Lower Upper

43 100

61 0.0 20.5 30.7#

87 0.0 10.5 15.7#





#48

Methyl methacrylate

Concen: 4.515 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.082 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

GB2

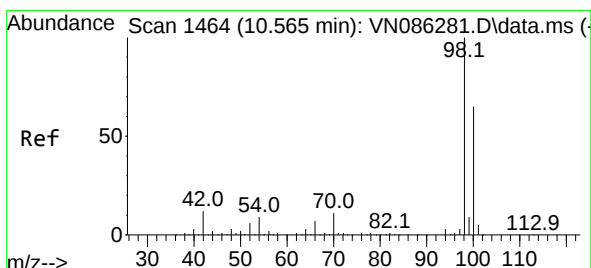
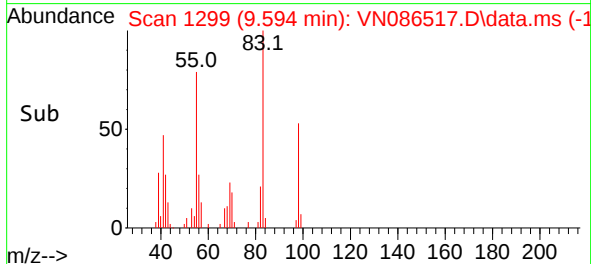
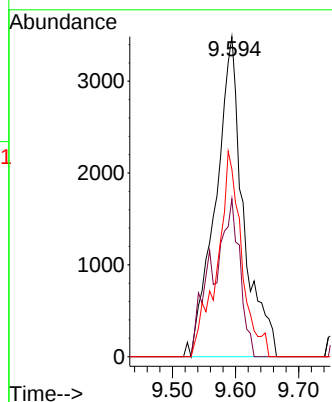
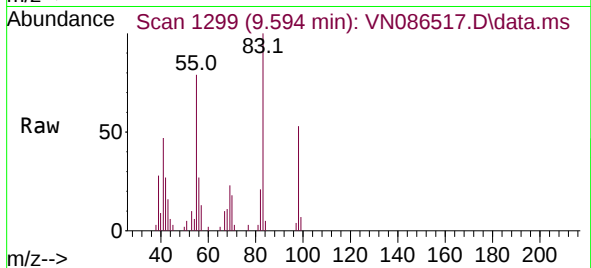
Tgt Ion: 41 Resp: 10664

Ion Ratio Lower Upper

41 100

69 33.5 68.2 102.2#

39 56.3 45.2 67.8



#50

Toluene-d8

Concen: 52.147 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086517.D

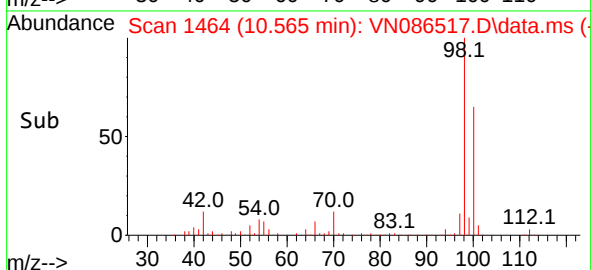
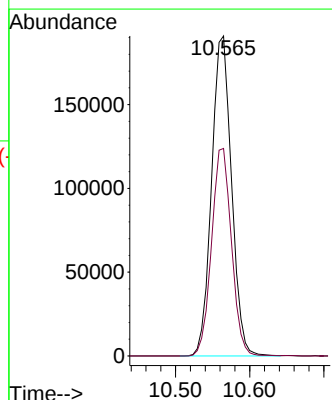
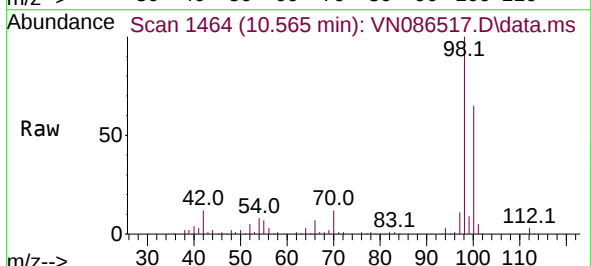
Acq: 06 May 2025 16:11

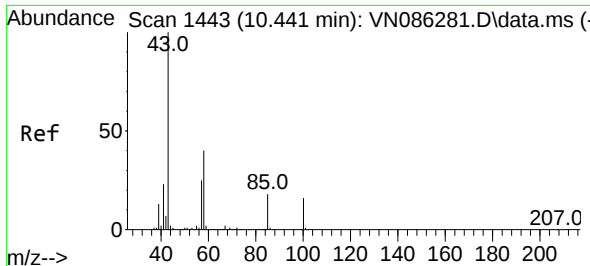
Tgt Ion: 98 Resp: 356510

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7

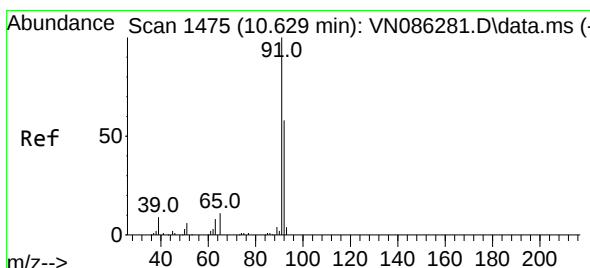
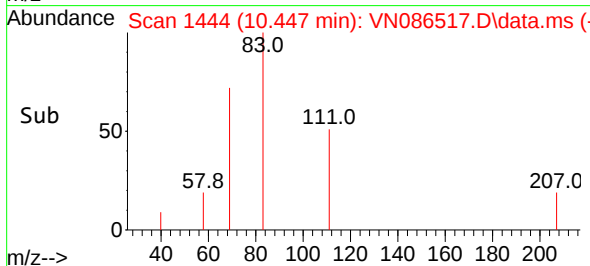
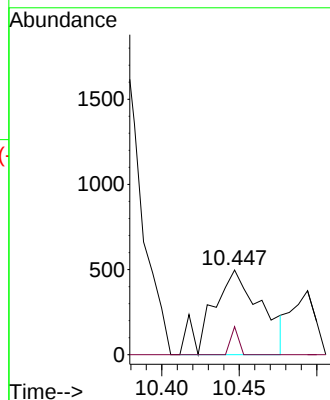
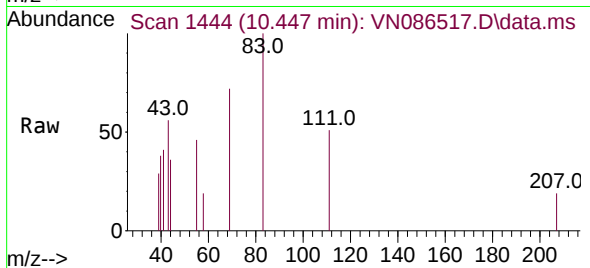




#51
4-Methyl-2-Pentanone
Concen: 0.402 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

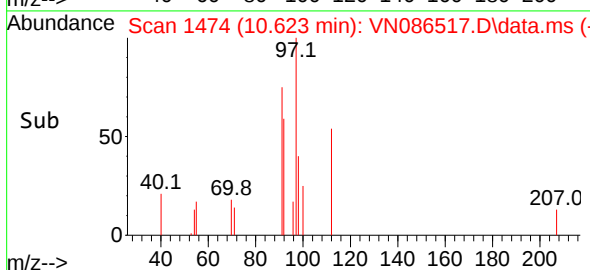
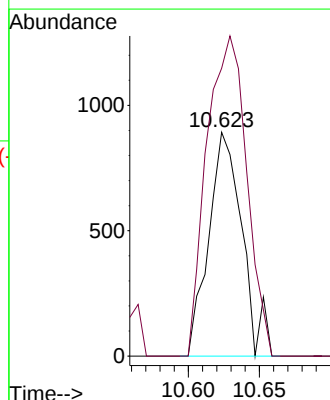
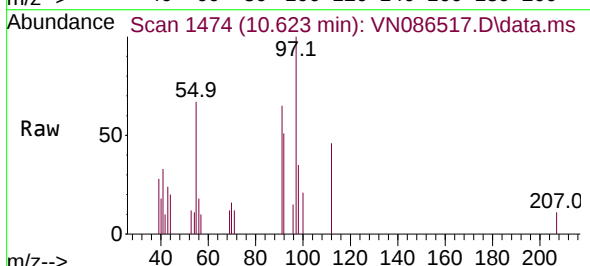
Instrument :
MSVOA_N
ClientSampleId :
GB2

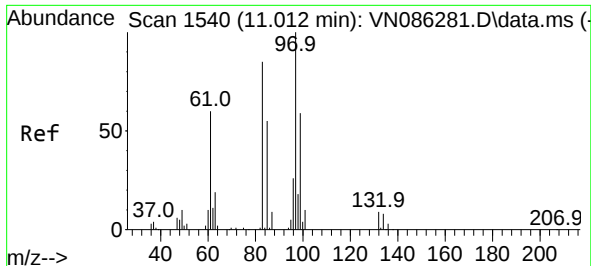
Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.4#



#52
Toluene
Concen: 0.286 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 92 Resp: 1459
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9

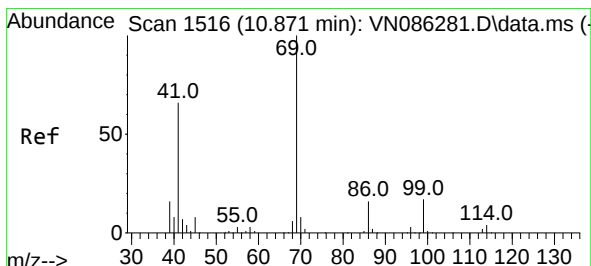
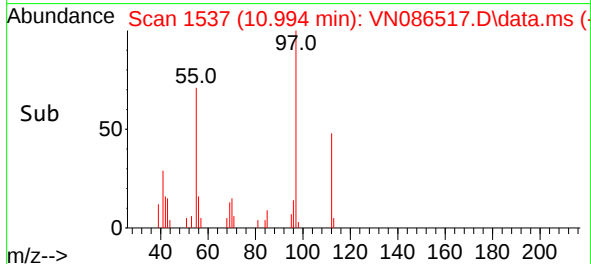
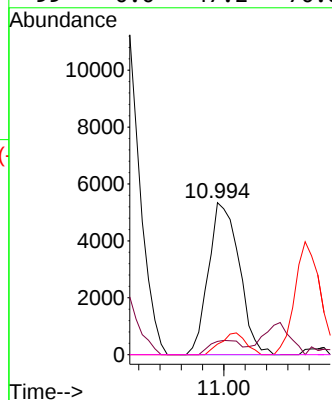
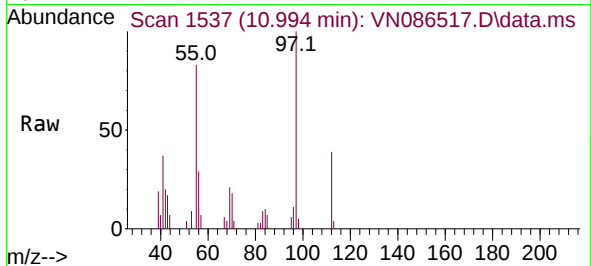




#55
1,1,2-Trichloroethane
Concen: 5.821 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.018 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

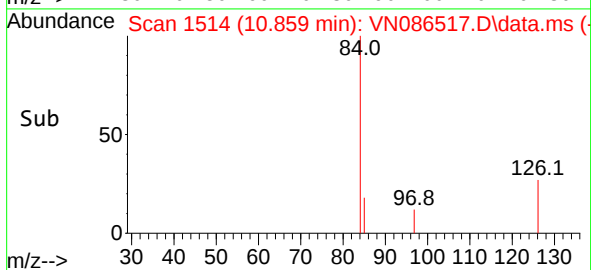
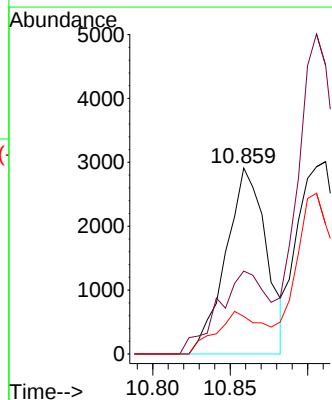
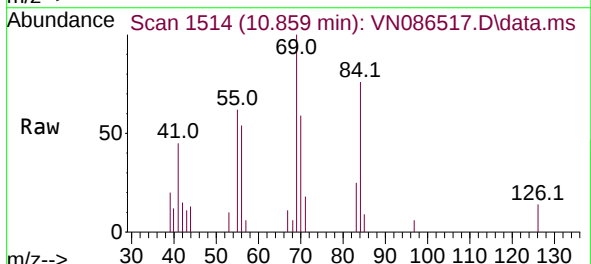
Instrument :
MSVOA_N
ClientSampleId :
GB2

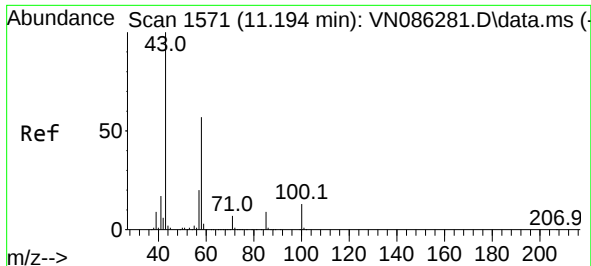
Tgt Ion: 97 Resp: 10698
Ion Ratio Lower Upper
97 100
83 8.8 68.4 102.6#
85 6.9 43.9 65.9#
99 0.0 47.2 70.8#



#56
Ethyl methacrylate
Concen: 1.566 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.012 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 69 Resp: 5289
Ion Ratio Lower Upper
69 100
41 52.8 51.7 77.5
39 26.2 26.3 39.5#

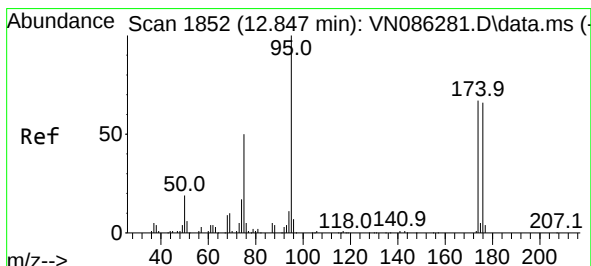
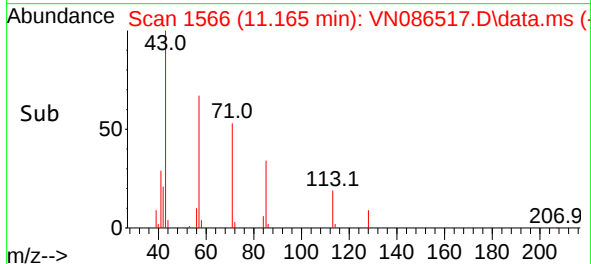
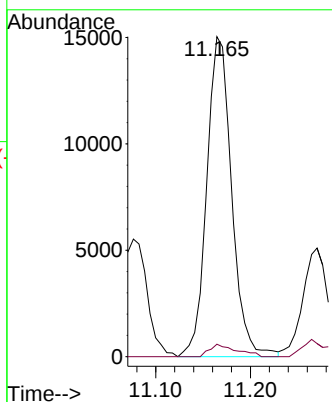
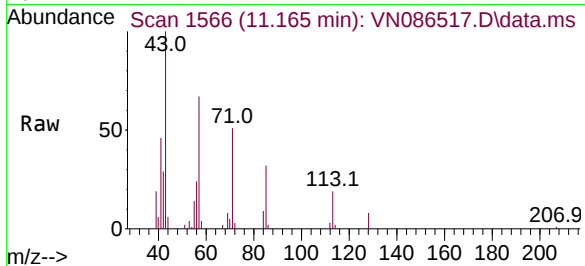




#59
2-Hexanone
Concen: 13.447 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.030 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

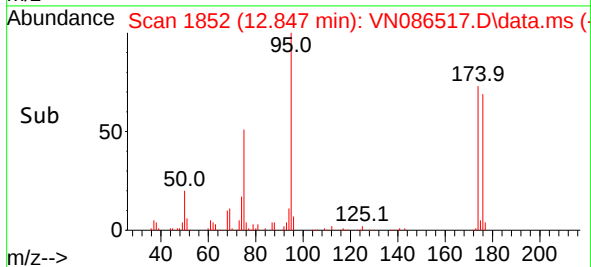
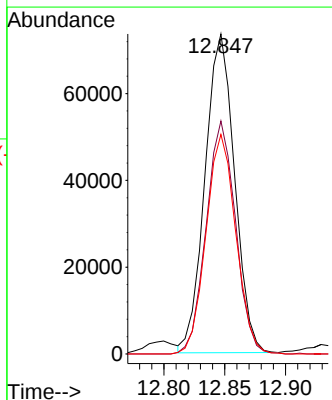
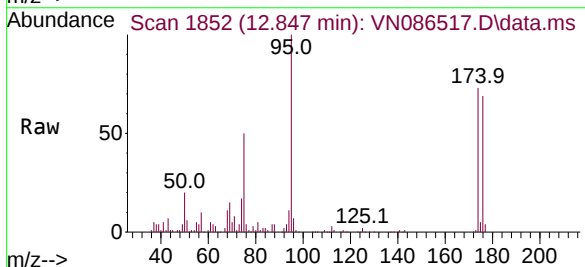
Instrument :
MSVOA_N
ClientSampleId :
GB2

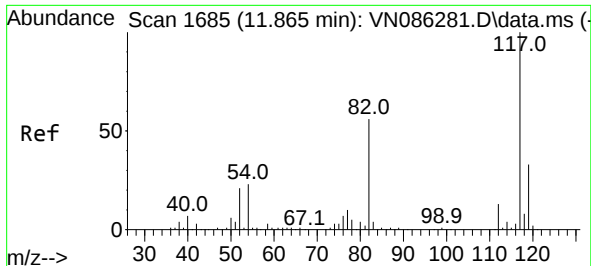
Tgt Ion: 43 Resp: 27473
Ion Ratio Lower Upper
43 100
58 4.2 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 49.877 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 95 Resp: 124373
Ion Ratio Lower Upper
95 100
174 72.5 0.0 133.4
176 69.4 0.0 129.2

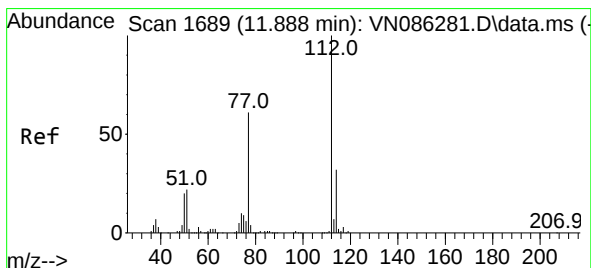
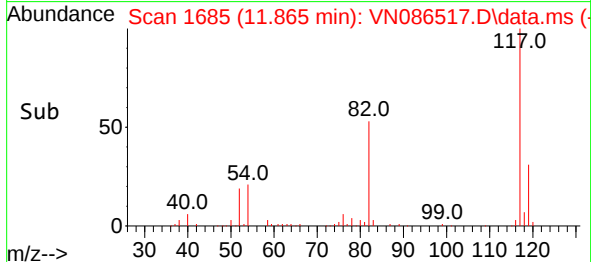
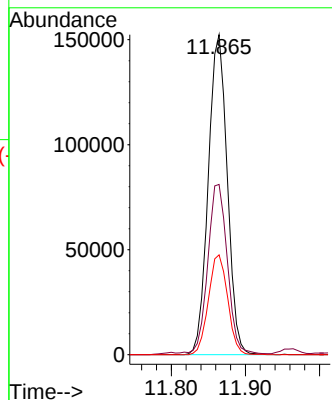
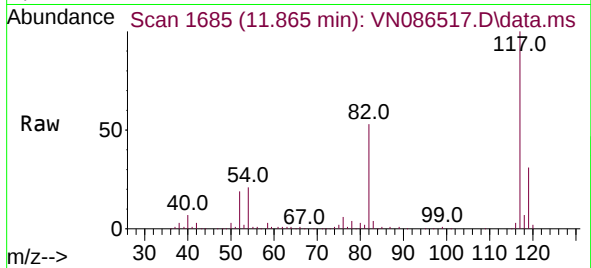




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

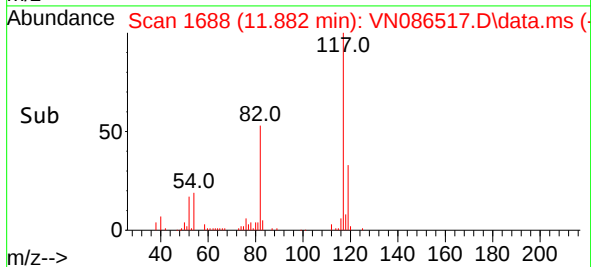
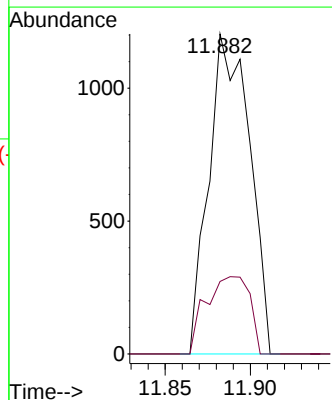
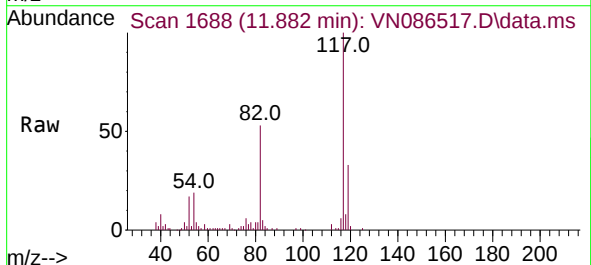
Instrument :
MSVOA_N
ClientSampleId :
GB2

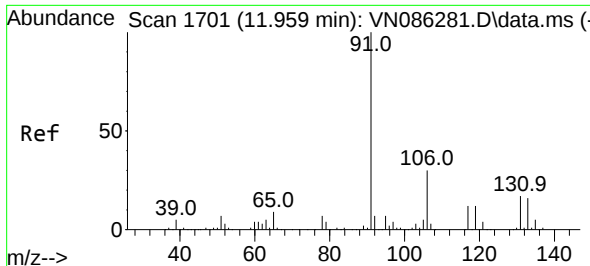
Tgt Ion:117 Resp: 271043
Ion Ratio Lower Upper
117 100
82 52.6 44.7 67.1
119 31.2 26.4 39.6



#65
Chlorobenzene
Concen: 0.330 ug/l
RT: 11.882 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion:112 Resp: 1999
Ion Ratio Lower Upper
112 100
114 22.7 25.4 38.0#

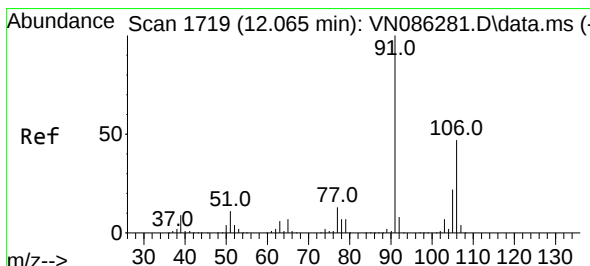
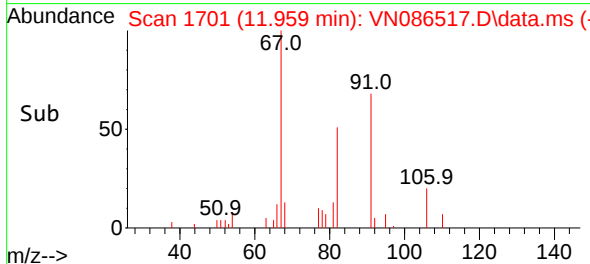
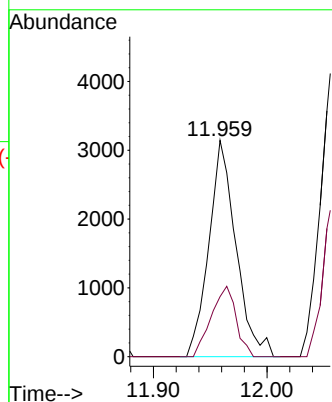
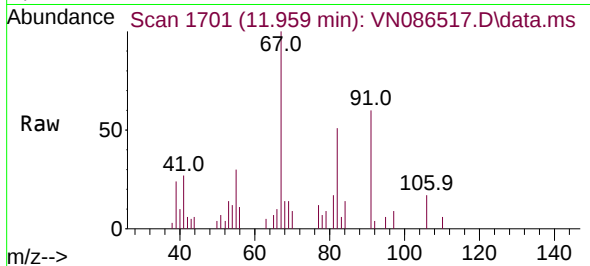




#67
Ethyl Benzene
Concen: 0.477 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

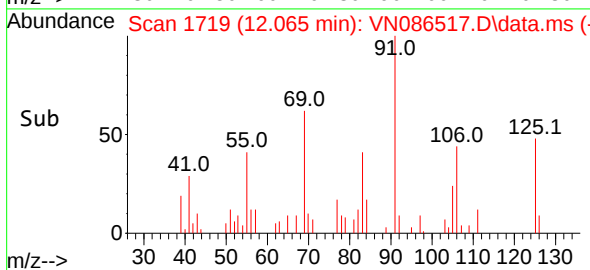
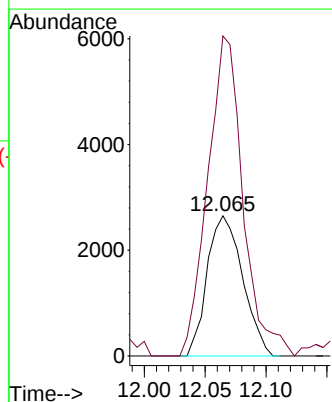
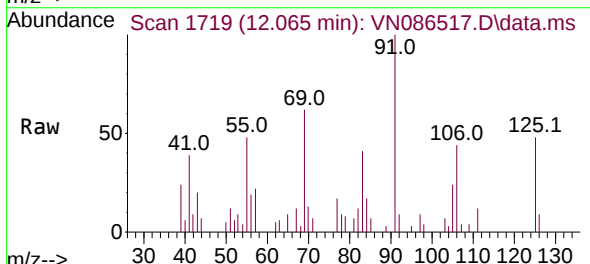
Instrument :
MSVOA_N
ClientSampleId :
GB2

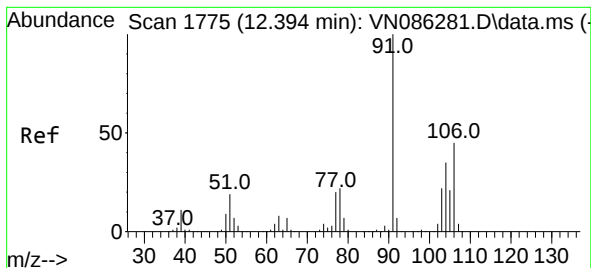
Tgt Ion: 91 Resp: 5207
Ion Ratio Lower Upper
91 100
106 27.7 24.3 36.5



#68
m/p-Xylenes
Concen: 1.314 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 106 Resp: 5374
Ion Ratio Lower Upper
106 100
91 227.0 166.5 249.7

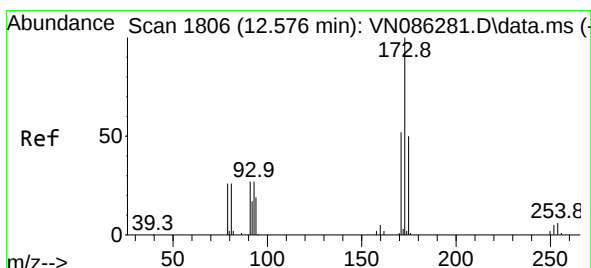
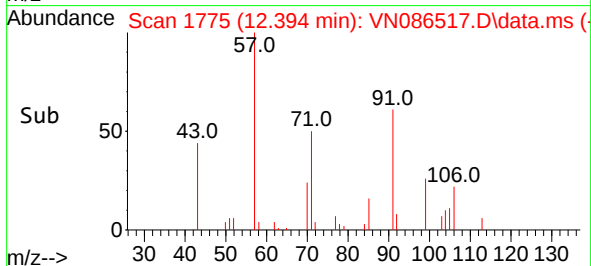
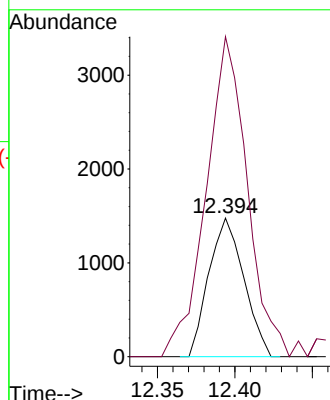
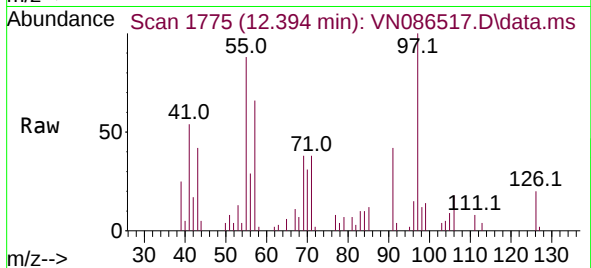




#69
o-Xylene
Concen: 0.573 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

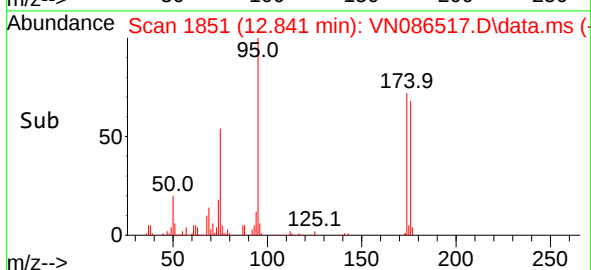
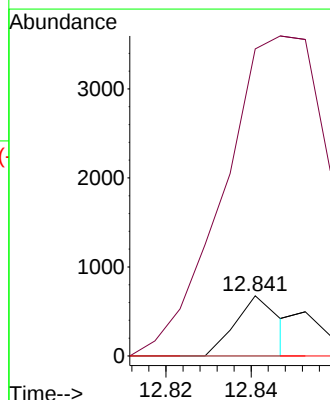
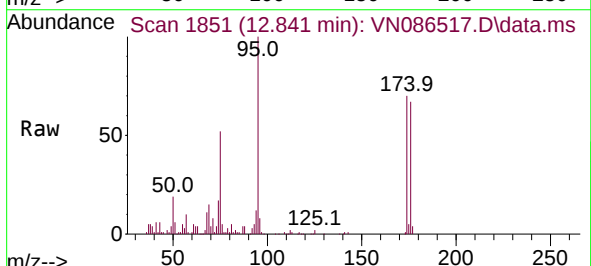
Instrument :
MSVOA_N
ClientSampleId :
GB2

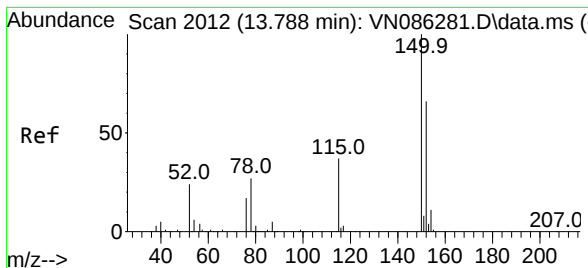
Tgt Ion:106 Resp: 2319
Ion Ratio Lower Upper
106 100
91 270.7 109.7 329.0



#71
Bromoform
Concen: 0.325 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion:173 Resp: 489
Ion Ratio Lower Upper
173 100
175 1053.2 24.6 73.6#
254 0.0 0.0 0.0

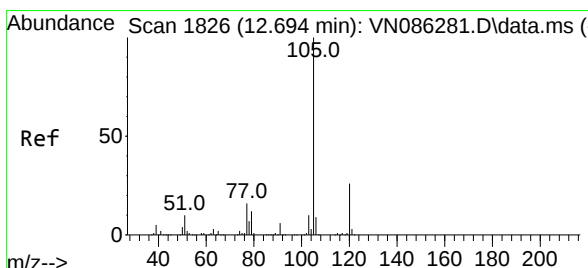
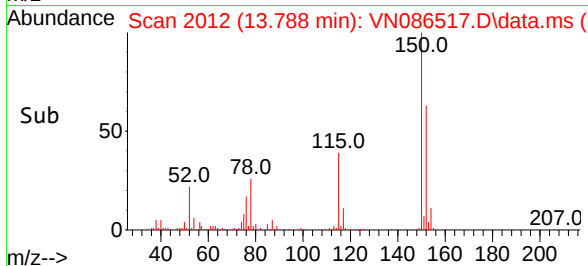
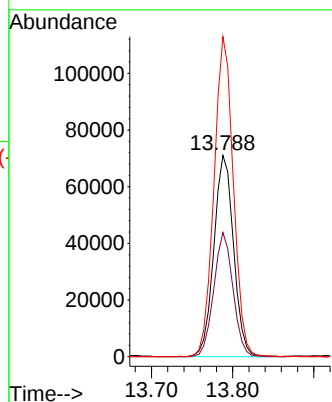
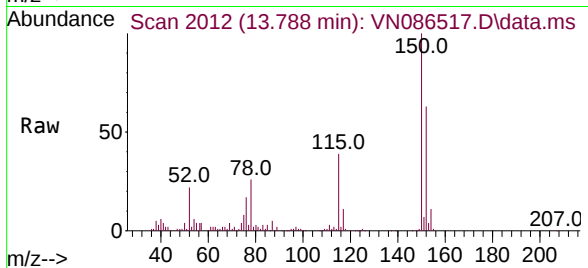




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

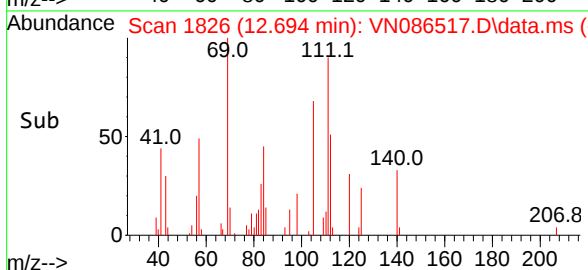
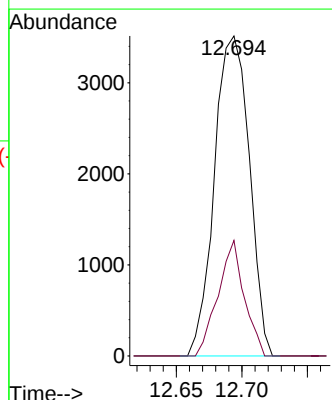
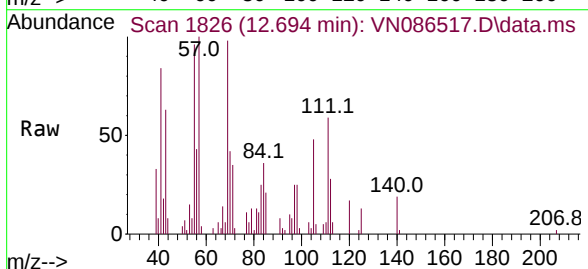
Instrument :
MSVOA_N
ClientSampleId :
GB2

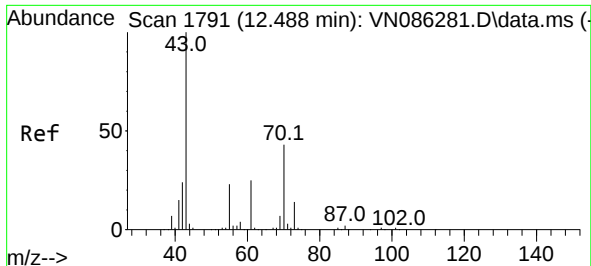
Tgt Ion:152 Resp: 119869
Ion Ratio Lower Upper
152 100
115 60.0 31.9 95.9
150 156.1 0.0 352.0



#73
Isopropylbenzene
Concen: 0.664 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion:105 Resp: 6512
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.3

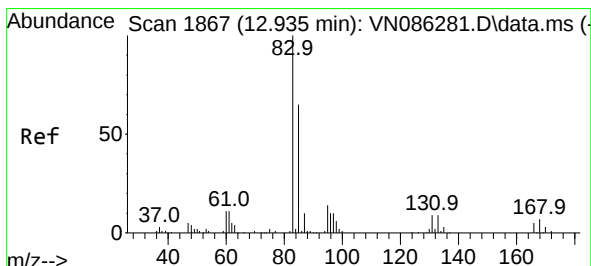
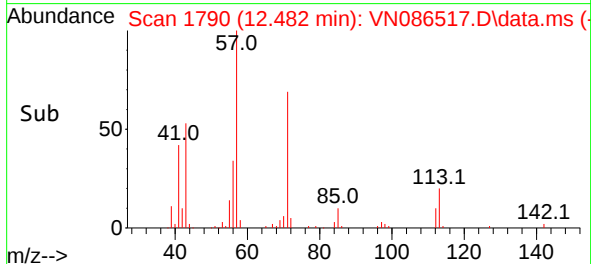
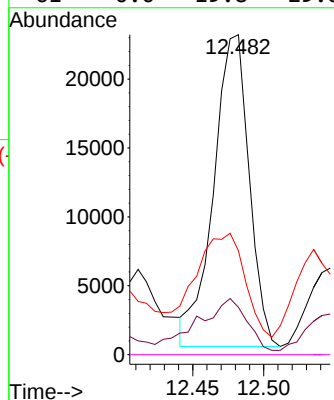
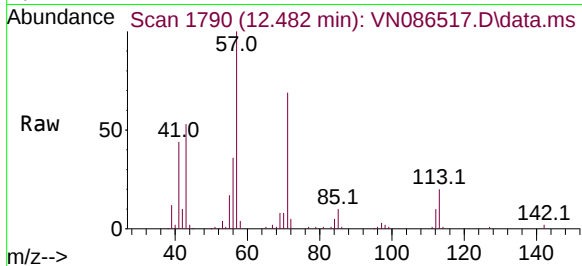




#74
N-amy1 acetate
Concen: 8.081 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

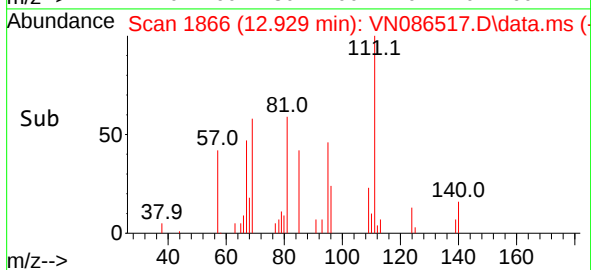
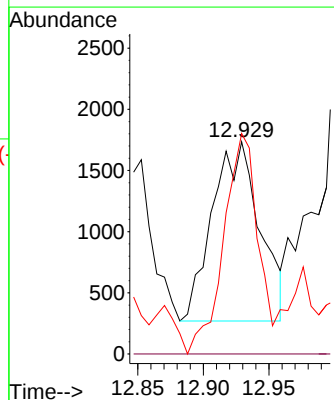
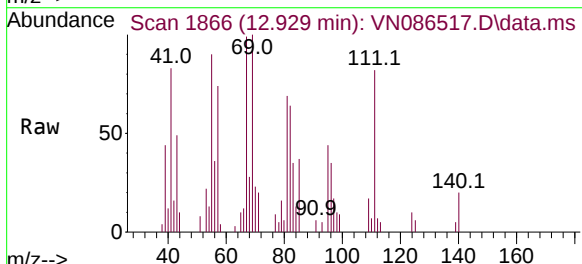
Instrument :
MSVOA_N
ClientSampleId :
GB2

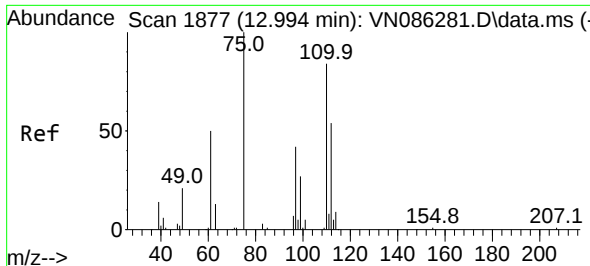
Tgt Ion:	43	Resp:	39446
Ion	Ratio	Lower	Upper
43	100		
70	22.4	35.0	52.4#
55	47.0	19.0	28.4#
61	0.0	19.8	29.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.306 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion:	83	Resp:	3681
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	94.8	32.7	98.1

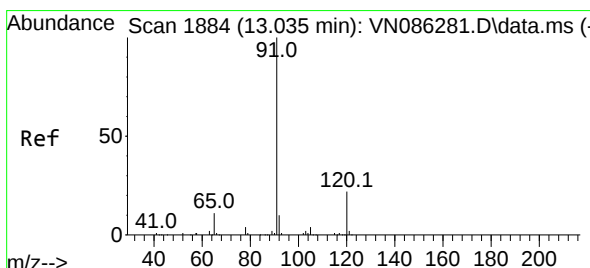
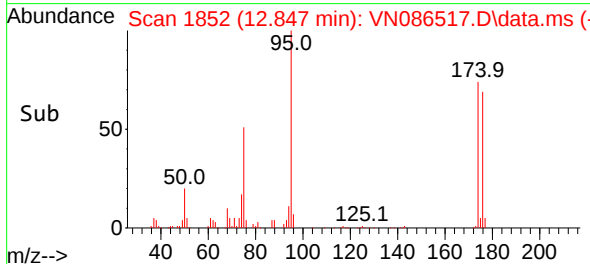
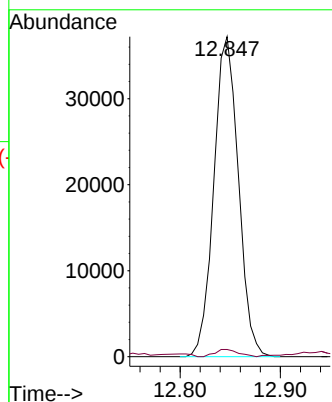
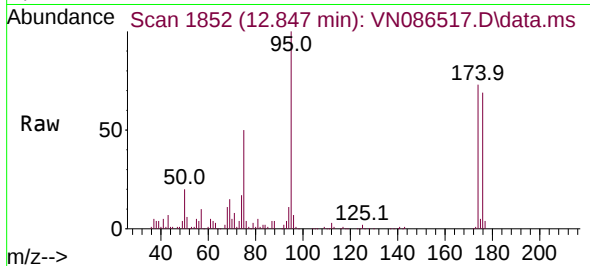




#76
1,2,3-Trichloropropane
Concen: 22.359 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

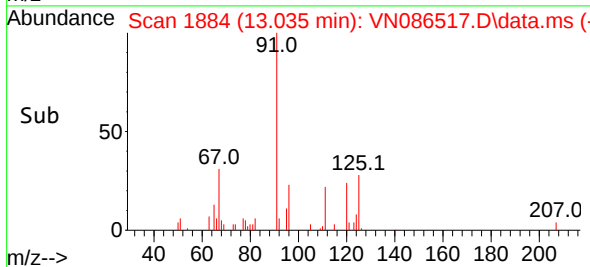
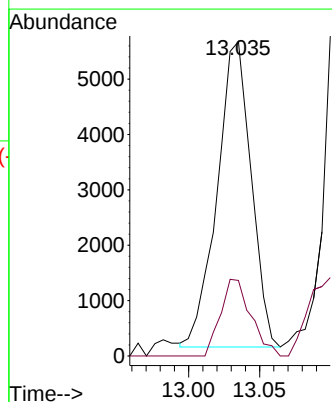
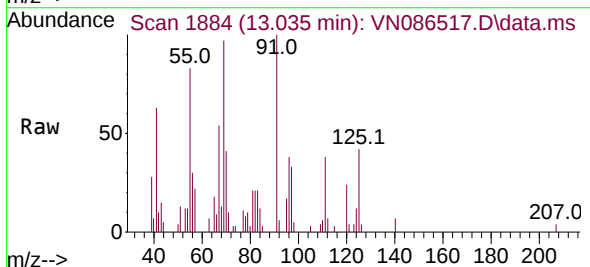
Instrument :
MSVOA_N
ClientSampleId :
GB2

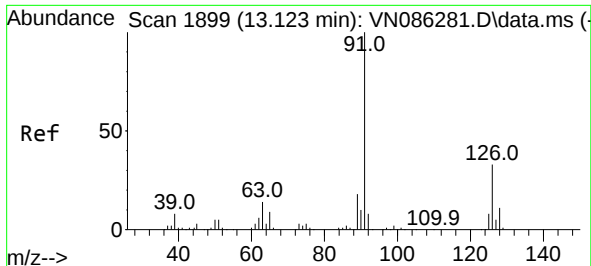
Tgt Ion: 75 Resp: 63248
Ion Ratio Lower Upper
75 100
77 2.1 98.8 296.4#



#78
n-propylbenzene
Concen: 0.794 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 91 Resp: 9180
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3

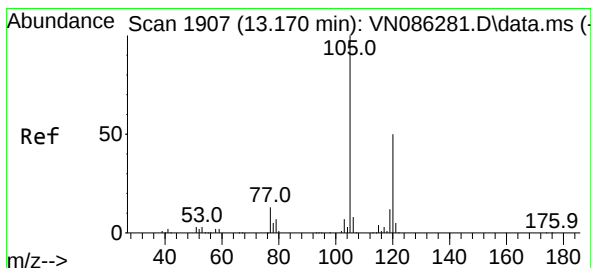
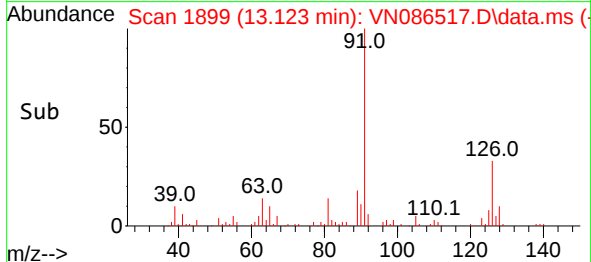
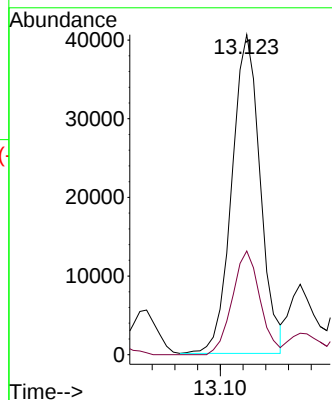
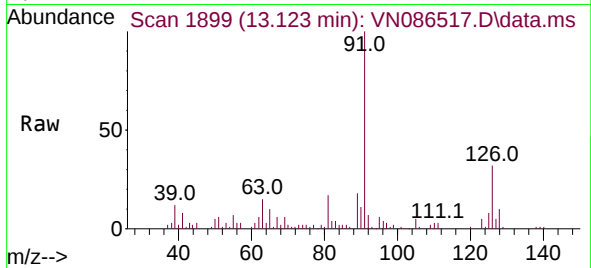




#79
2-Chlorotoluene
Concen: 9.746 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

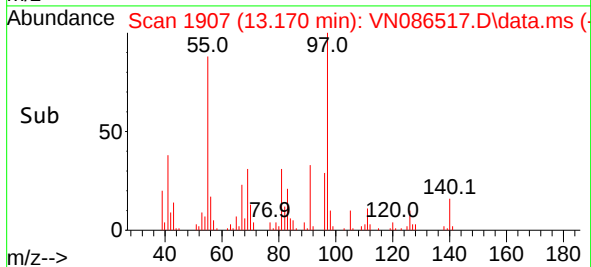
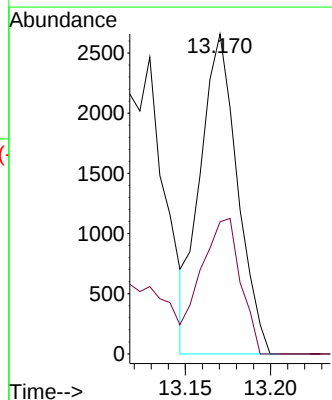
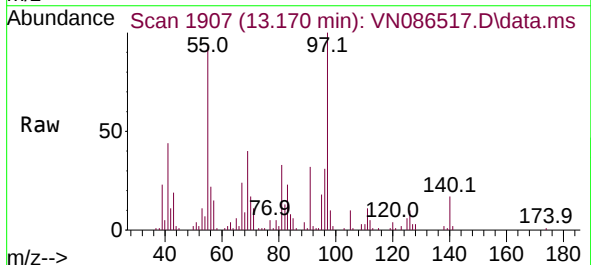
Instrument :
MSVOA_N
ClientSampleId :
GB2

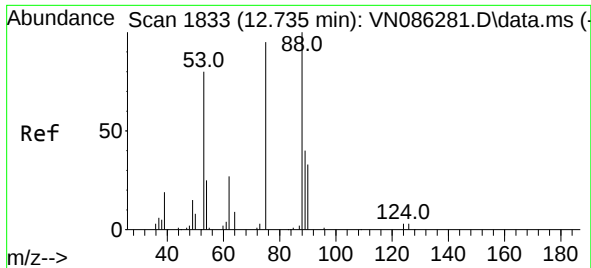
Tgt Ion: 91 Resp: 70464
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 0.502 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 105 Resp: 4028
Ion Ratio Lower Upper
105 100
120 45.1 24.5 73.5

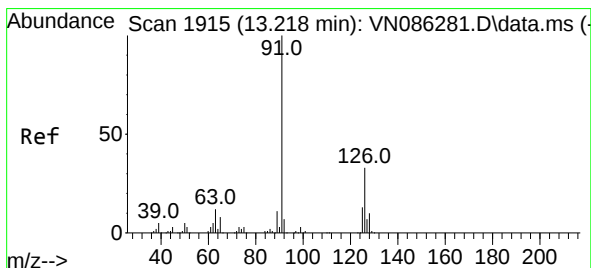
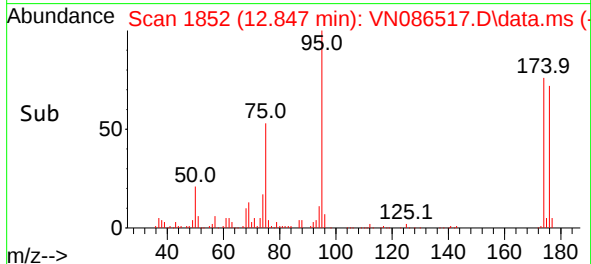
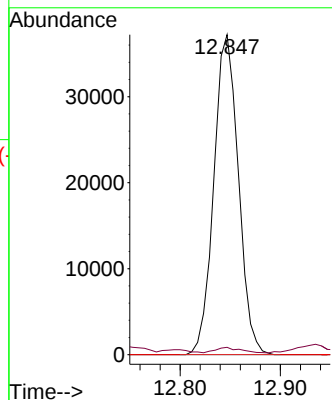
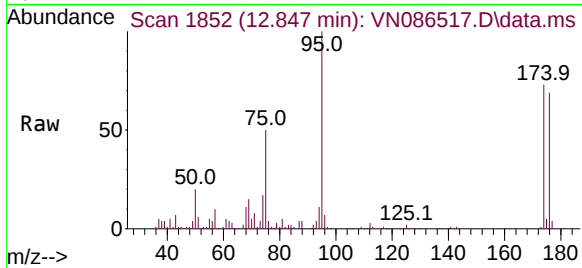




#81
trans-1,4-Dichloro-2-butene
Concen: 53.698 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

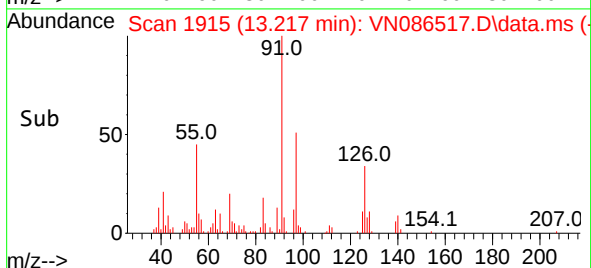
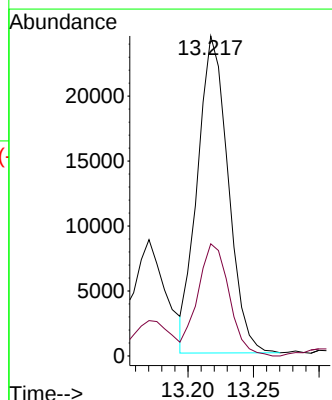
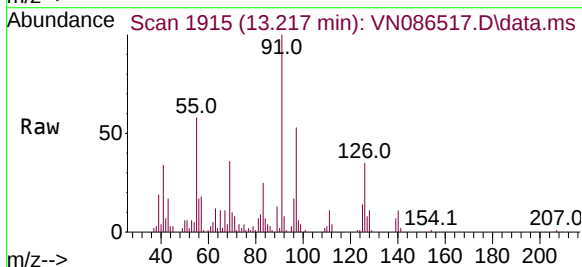
Instrument :
MSVOA_N
ClientSampleId :
GB2

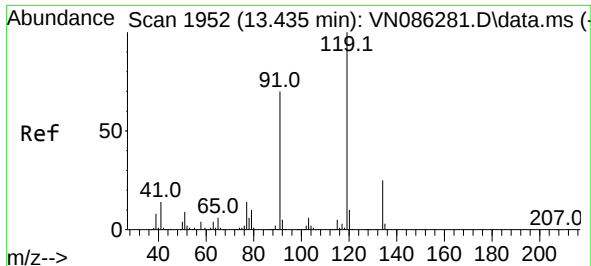
Tgt Ion: 75 Resp: 63248
Ion Ratio Lower Upper
75 100
53 1.8 79.2 118.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 5.534 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 91 Resp: 39744
Ion Ratio Lower Upper
91 100
126 36.3 16.2 48.6

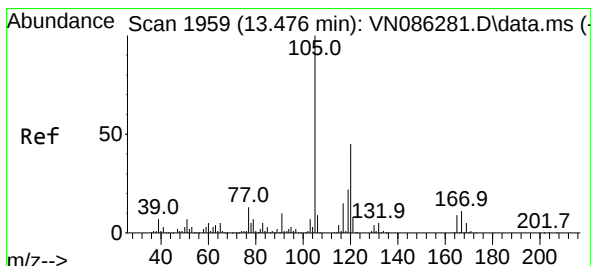
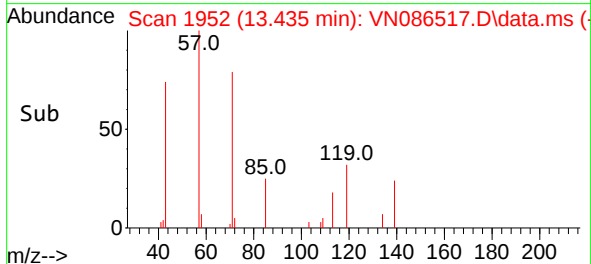
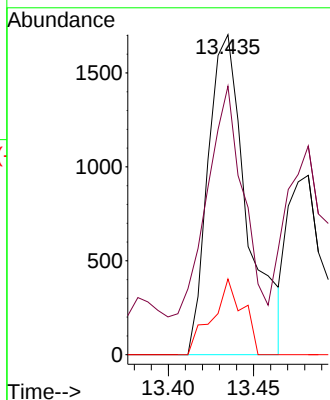
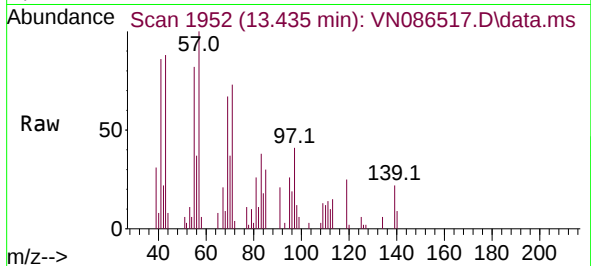




#83
tert-Butylbenzene
Concen: 0.391 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

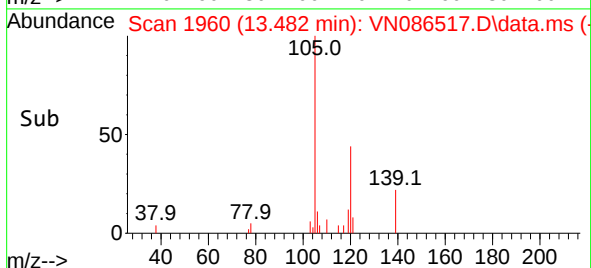
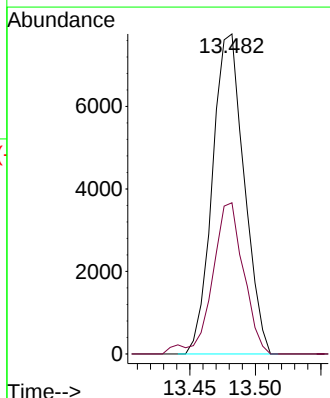
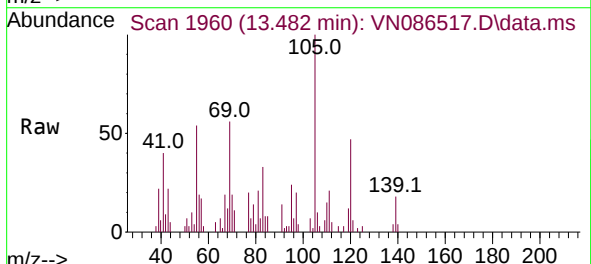
Instrument :
MSVOA_N
ClientSampleId :
GB2

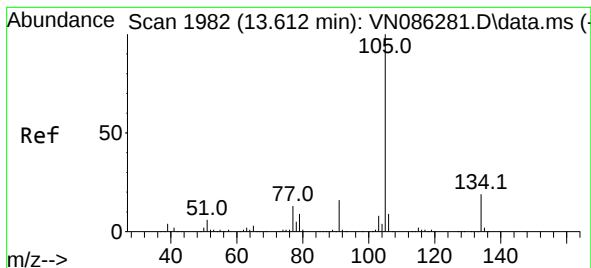
Tgt Ion:119 Resp: 2716
Ion Ratio Lower Upper
119 100
91 65.2 34.4 103.3
134 18.7 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 1.596 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion:105 Resp: 13040
Ion Ratio Lower Upper
105 100
120 46.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 1.266 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

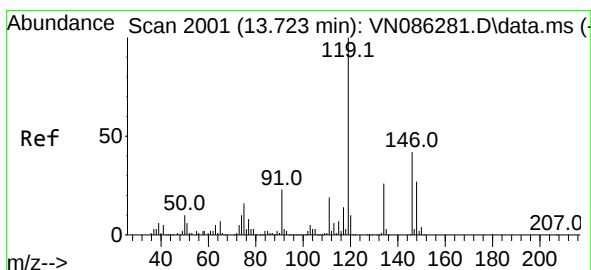
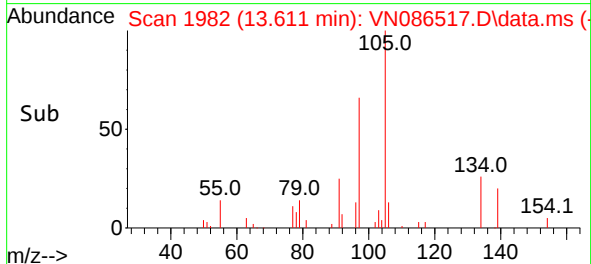
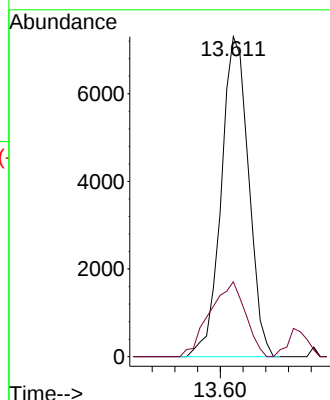
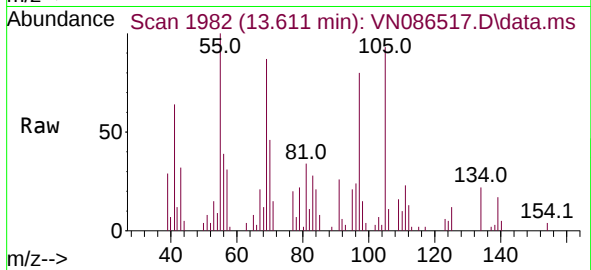
GB2

Tgt Ion:105 Resp: 12216

Ion Ratio Lower Upper

105 100

134 30.5 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 0.271 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

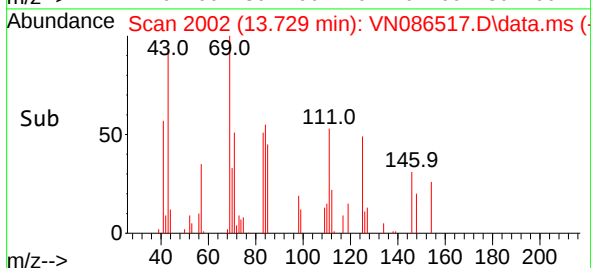
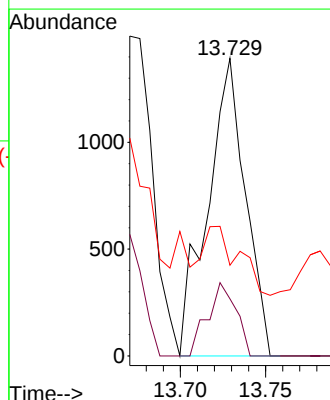
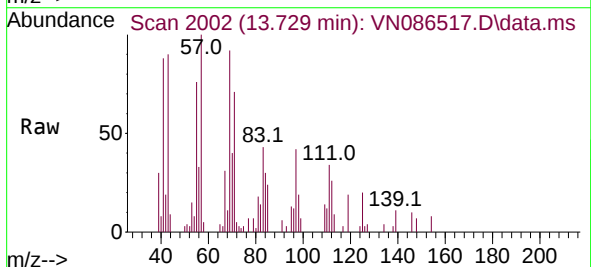
Tgt Ion:119 Resp: 2151

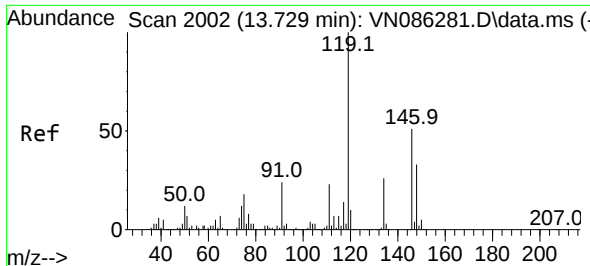
Ion Ratio Lower Upper

119 100

134 18.6 13.1 39.1

91 22.2 11.9 35.9

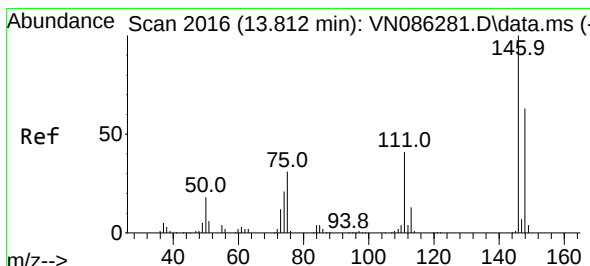
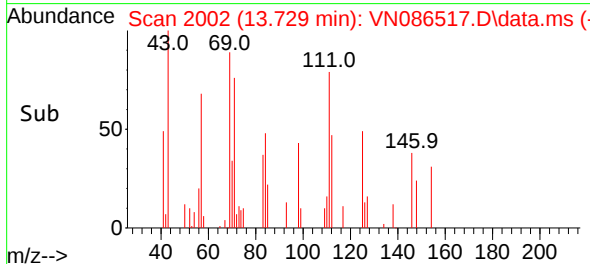
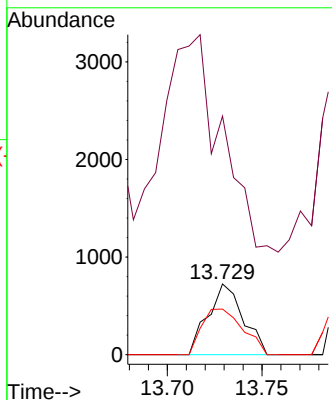
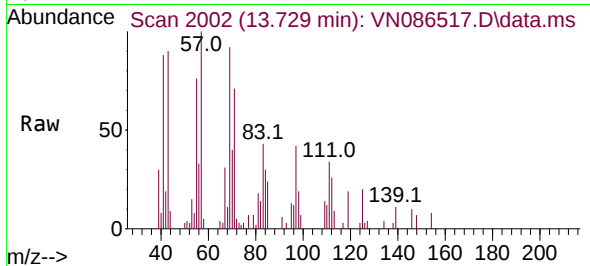




#87
1,3-Dichlorobenzene
Concen: 0.229 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

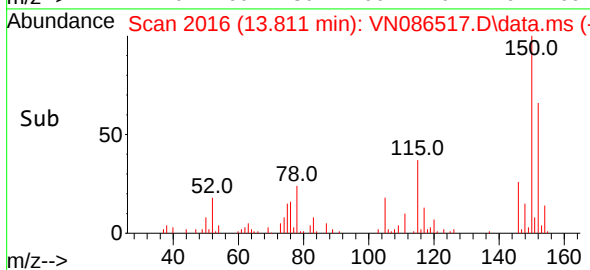
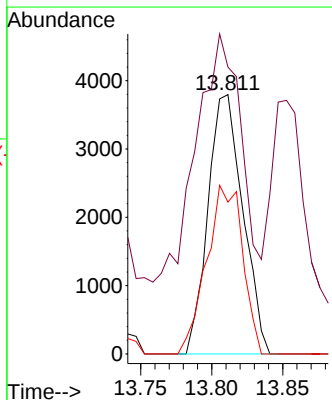
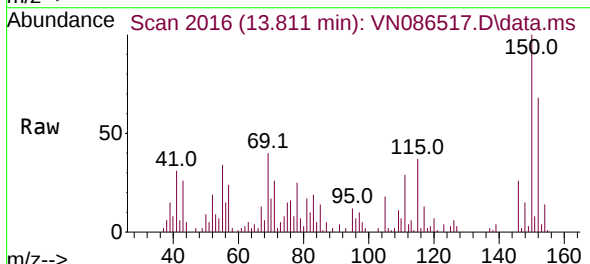
Instrument :
MSVOA_N
ClientSampleId :
GB2

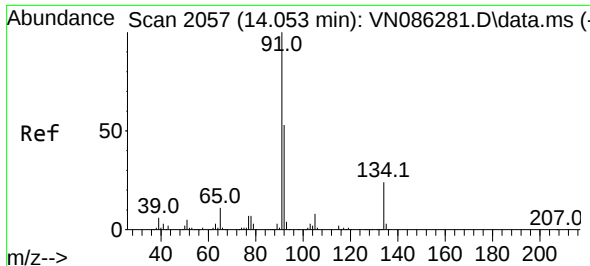
Tgt Ion:146 Resp: 934
Ion Ratio Lower Upper
146 100
111 504.8 21.9 65.7#
148 75.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 1.575 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion:146 Resp: 6481
Ion Ratio Lower Upper
146 100
111 120.2 21.3 63.9#
148 67.1 31.9 95.9

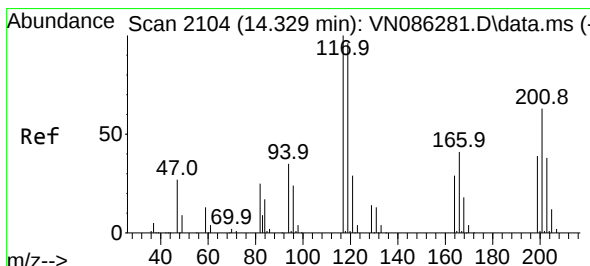
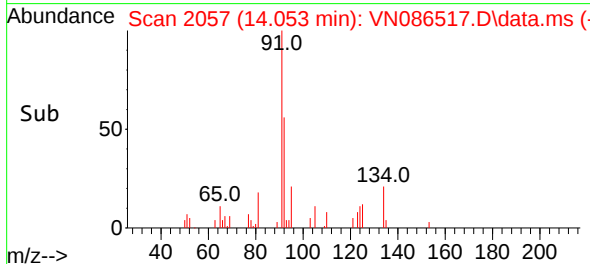
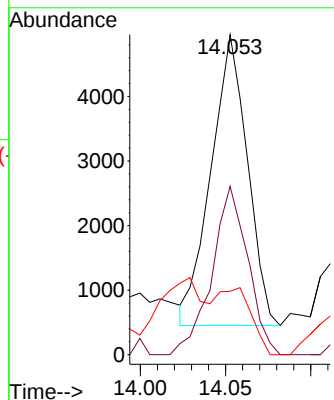
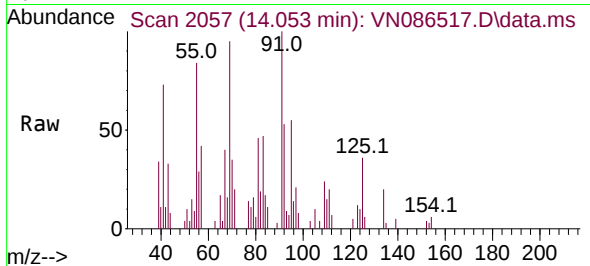




#89
n-Butylbenzene
Concen: 0.949 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

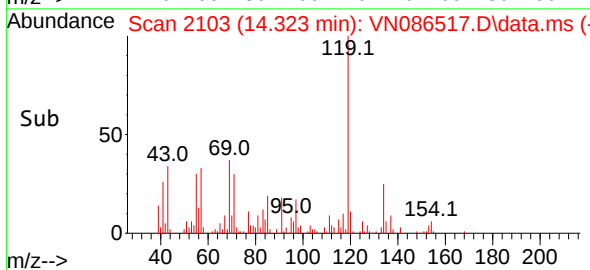
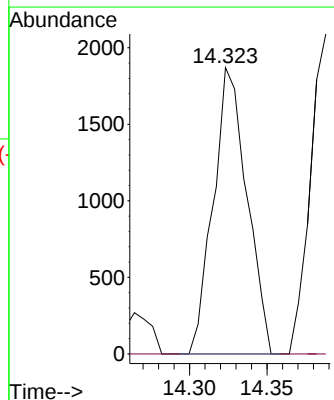
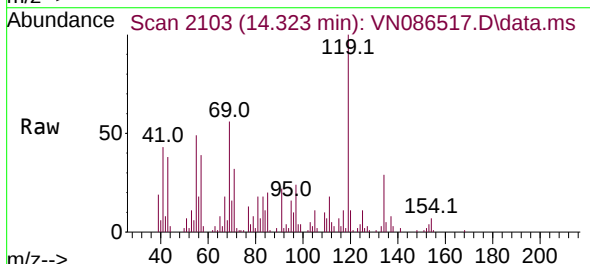
Instrument :
MSVOA_N
ClientSampleId :
GB2

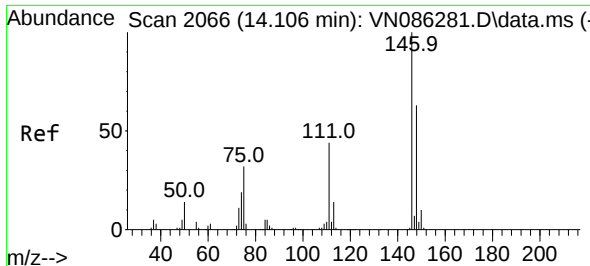
Tgt Ion: 91 Resp: 6688
Ion Ratio Lower Upper
91 100
92 57.2 26.8 80.4
134 20.9 12.2 36.6



#90
Hexachloroethane
Concen: 2.106 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 117 Resp: 2817
Ion Ratio Lower Upper
117 100
201 0.0 31.4 94.2#

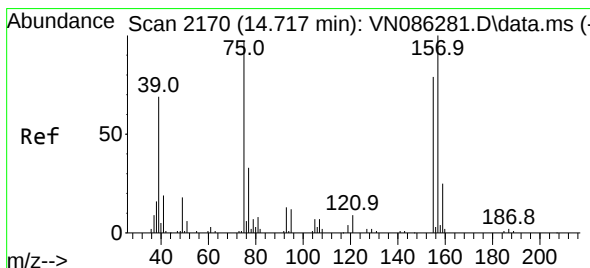
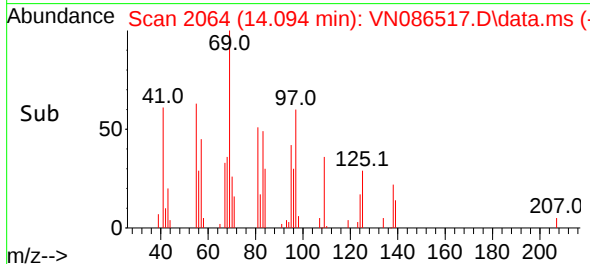
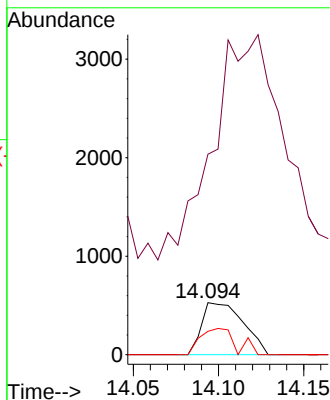
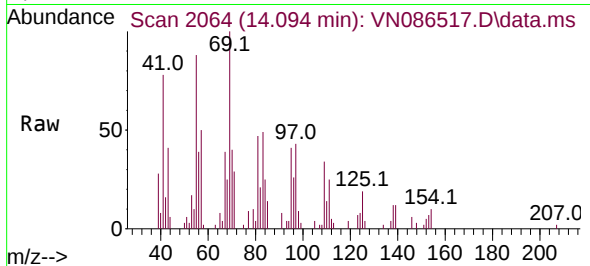




#91
1,2-Dichlorobenzene
Concen: 0.227 ug/l
RT: 14.094 min Scan# 2064
Delta R.T. -0.012 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

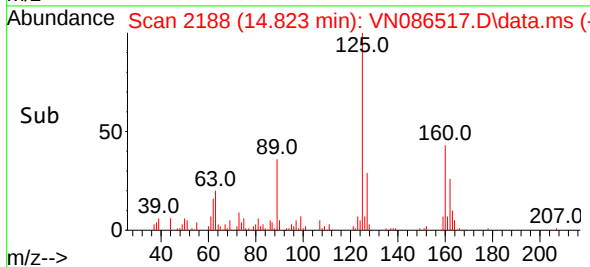
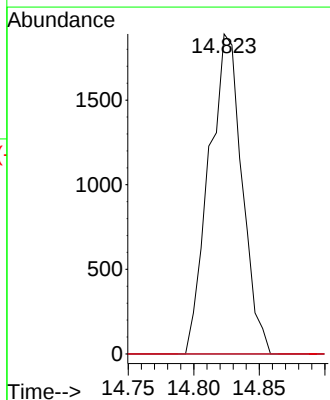
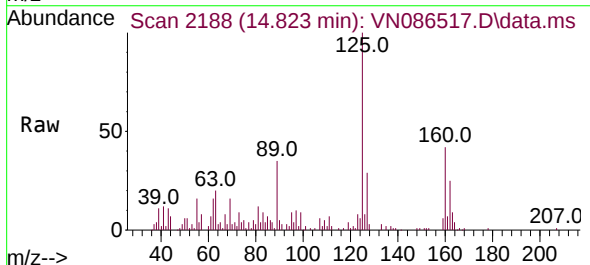
Instrument :
MSVOA_N
ClientSampleId :
GB2

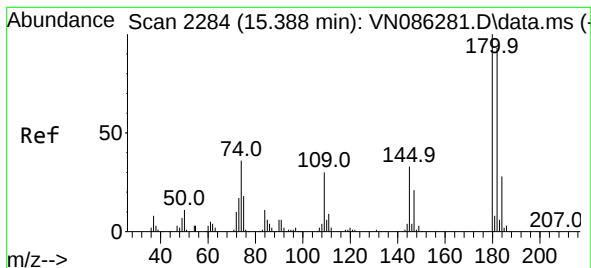
Tgt Ion:146 Resp: 897
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0#
148 43.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.831 ug/l
RT: 14.823 min Scan# 2188
Delta R.T. 0.106 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion: 75 Resp: 3315
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.9#
157 0.0 49.0 147.2#





#93

1,2,4-Trichlorobenzene

Concen: 1.149 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

Instrument :

MSVOA_N

ClientSampleId :

GB2

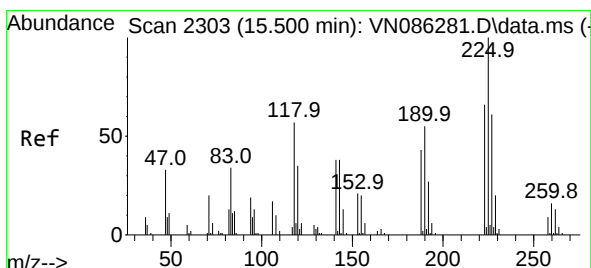
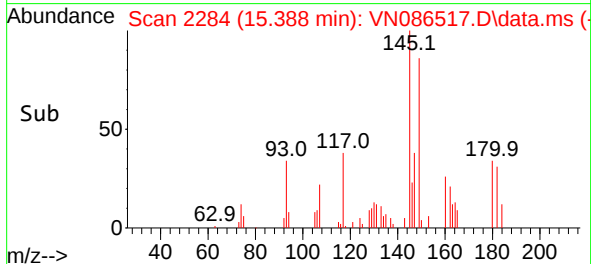
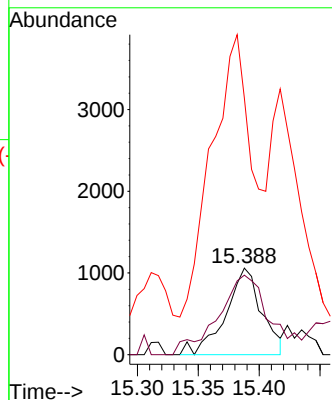
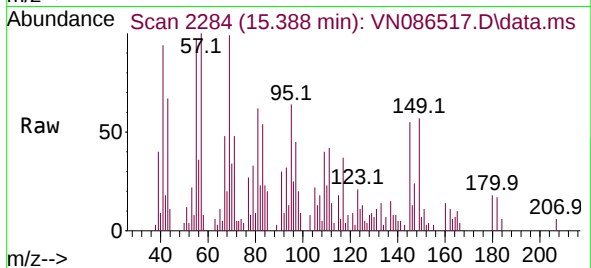
Tgt Ion:180 Resp: 2179

Ion Ratio Lower Upper

180 100

182 132.0 47.0 141.0

145 464.6 16.4 49.1#



#94

Hexachlorobutadiene

Concen: 1.091 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086517.D

Acq: 06 May 2025 16:11

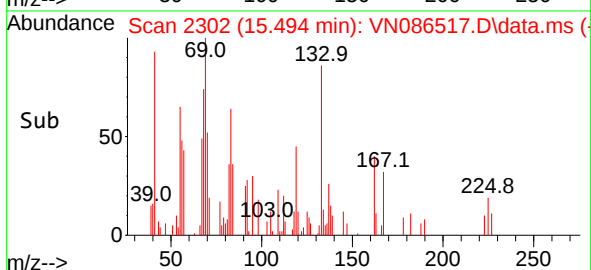
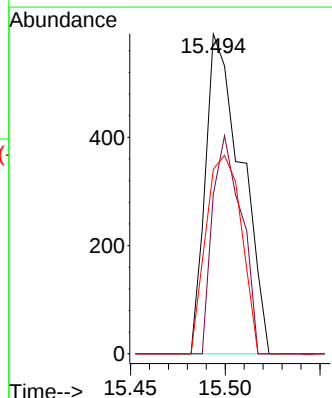
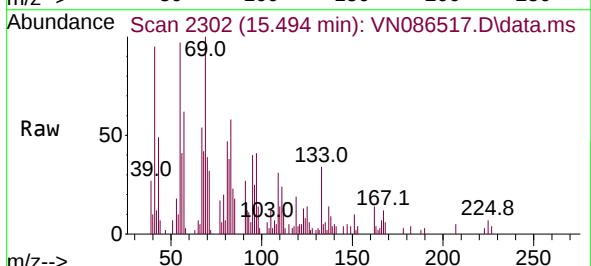
Tgt Ion:225 Resp: 781

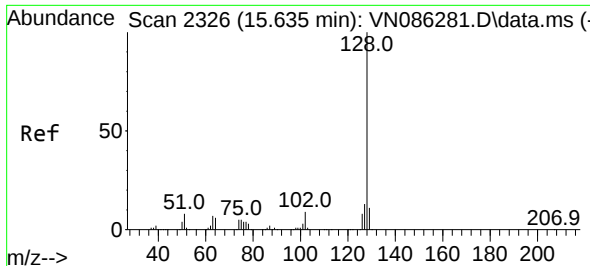
Ion Ratio Lower Upper

225 100

223 55.1 32.8 98.3

227 61.2 31.4 94.0

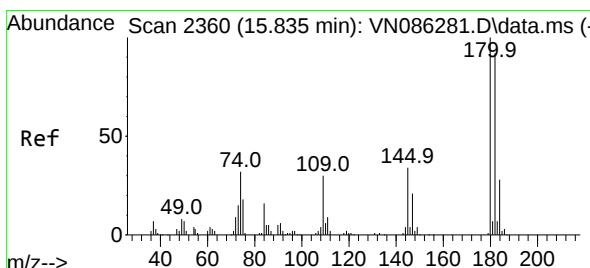
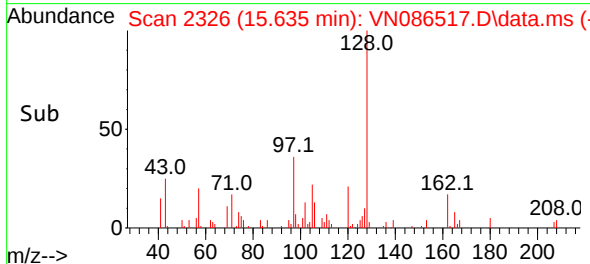
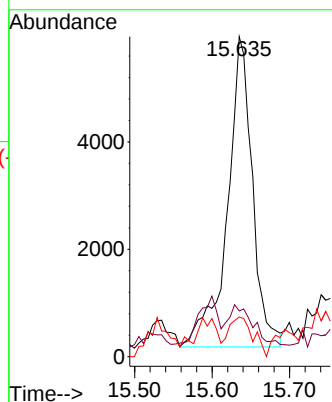
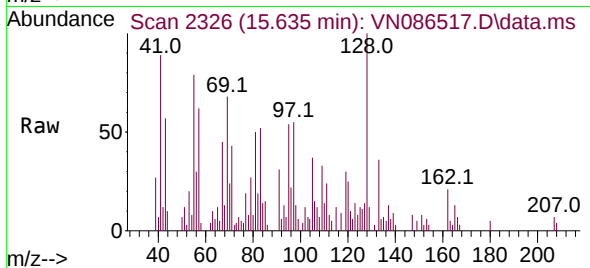




#95
Naphthalene
Concen: 1.932 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Instrument :
MSVOA_N
ClientSampleId :
GB2

Tgt Ion:128 Resp: 12987
Ion Ratio Lower Upper
128 100
127 11.5 10.2 15.4
129 12.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.062 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086517.D
Acq: 06 May 2025 16:11

Tgt Ion:180 Resp: 1907
Ion Ratio Lower Upper
180 100
182 143.2 47.3 142.0#
145 0.0 17.2 51.5#

