

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086520.D
 Acq On : 06 May 2025 17:23
 Operator : JC\MD
 Sample : Q1914-08ME
 Misc : 7.54g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

Quant Time: May 07 02:57:09 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	198517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	370271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	347259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	130584	45.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.720%
35) Dibromofluoromethane	8.159	113	95715	55.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.400%
50) Toluene-d8	10.565	98	484795	52.785	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.560%
62) 4-Bromofluorobenzene	12.847	95	166788	49.789	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.580%

Target Compounds					Qvalue	
3) Chloromethane	2.359	50	3612	1.056	ug/l	90
10) Methyl Iodide	4.565	142	2535	1.054	ug/l #	88
16) Acetone	4.442	43	2196	Below Cal	#	82
17) Carbon Disulfide	4.683	76	1559	0.223	ug/l #	74
18) Methyl Acetate	5.030	43	12041	3.485	ug/l	99
20) Methylene Chloride	5.265	84	2514	0.945	ug/l	88
25) 2-Butanone	7.483	43	894	0.499	ug/l #	48
31) Cyclohexane	8.247	56	39261	8.416	ug/l #	93
36) 1,1-Dichloropropene	8.212	75	16142	4.703	ug/l #	51
37) Ethyl Acetate	7.559	43	919	0.254	ug/l #	76
38) Carbon Tetrachloride	8.406	117	783	0.240	ug/l #	22
39) Methylcyclohexane	9.594	83	134843	33.052	ug/l	96
40) Benzene	8.600	78	34163	3.107	ug/l	99
43) Isopropyl Acetate	8.700	43	15541	0.554	ug/l #	55
44) Trichloroethene	9.347	130	599	0.230	ug/l	13
45) 1,2-Dichloropropane	9.594	63	1400	0.520	ug/l #	1
48) Methyl methacrylate	9.594	41	61966	19.527	ug/l #	80
51) 4-Methyl-2-Pentanone	10.335	43	51842	14.010	ug/l #	44
52) Toluene	10.624	92	246705	35.953	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	66836	27.072	ug/l #	22
56) Ethyl methacrylate	10.859	69	9665	2.130	ug/l #	75
58) 2-Chloroethyl Vinyl ether	10.265	63	641	0.298	ug/l	91
59) 2-Hexanone	11.165	43	48771	17.769	ug/l #	29
61) 1,2-Dibromoethane	11.529	107	739	0.297	ug/l	89
66) 1,1,1,2-Tetrachloroethane	12.170	131	2268	0.887	ug/l #	8
67) Ethyl Benzene	11.959	91	793307	56.728	ug/l	99
68) m/p-Xylenes	12.065	106	1134281	216.469	ug/l	95
69) o-Xylene	12.394	106	559998	108.067	ug/l	100
70) Styrene	12.394	104	34327	3.976	ug/l #	1
71) Bromoform	12.576	173	5133	2.667	ug/l #	28
73) Isopropylbenzene	12.694	105	215076	17.211	ug/l	99
74) N-amyl acetate	12.476	43	101981	16.392	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.918	83	12718	3.540	ug/l #	8
76) 1,2,3-Trichloropropane	13.029	75	4433	1.230	ug/l #	1
77) Bromobenzene	12.918	156	843	0.304	ug/l #	1
78) n-propylbenzene	13.029	91	710525	48.251	ug/l	90

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 Response via : Initial Calibration

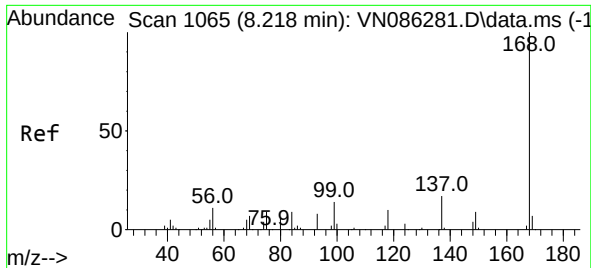
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

79) 2-Chlorotoluene	13.094	91	243846	26.463	ug/l	#	43
80) 1,3,5-Trimethylbenzene	13.170	105	757282	74.039	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.847	75	75122	50.045	ug/l	#	10
82) 4-Chlorotoluene	13.170	91	88875	9.710	ug/l	#	42
83) tert-Butylbenzene	13.476	119	378620	42.722	ug/l	#	77
84) 1,2,4-Trimethylbenzene	13.476	105	2932662	281.680	ug/l		97
85) sec-Butylbenzene	13.612	105	246151	20.024	ug/l		87
86) p-Isopropyltoluene	13.723	119	134722	13.296	ug/l		98
87) 1,3-Dichlorobenzene	13.706	146	25242	4.849	ug/l	#	32
88) 1,4-Dichlorobenzene	13.906	146	11123	2.122	ug/l	#	24
89) n-Butylbenzene	14.053	91	284019	31.624	ug/l	#	83
90) Hexachloroethane	14.329	117	77872	45.691	ug/l	#	19
91) 1,2-Dichlorobenzene	14.141	146	6743	1.336	ug/l	#	24
92) 1,2-Dibromo-3-Chloropr...	14.729	75	2010	2.774	ug/l	#	5
93) 1,2,4-Trichlorobenzene	15.400	180	518	0.214	ug/l	#	13
95) Naphthalene	15.635	128	336329	39.263	ug/l		95
96) 1,2,3-Trichlorobenzene	15.864	180	8125	3.551	ug/l	#	18

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

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QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

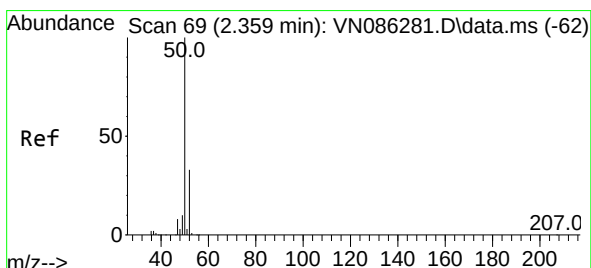
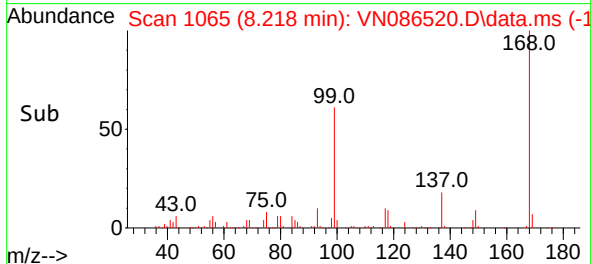
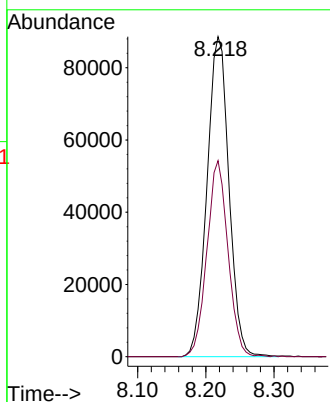
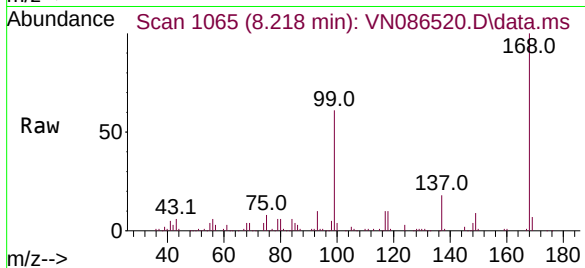




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

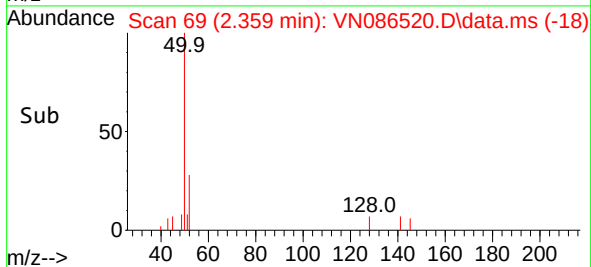
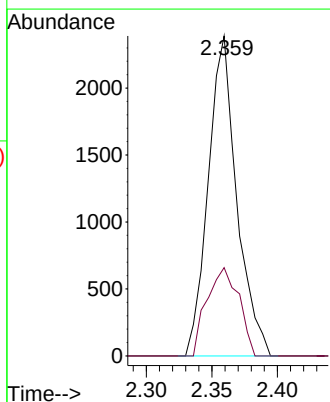
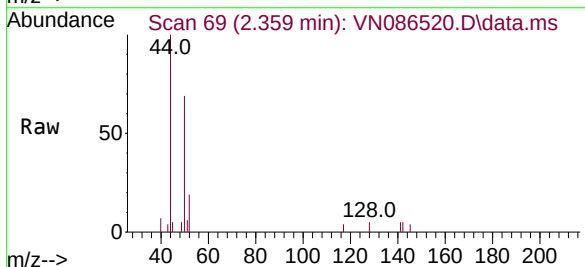
Instrument :
MSVOA_N
ClientSampleId :
SS-7

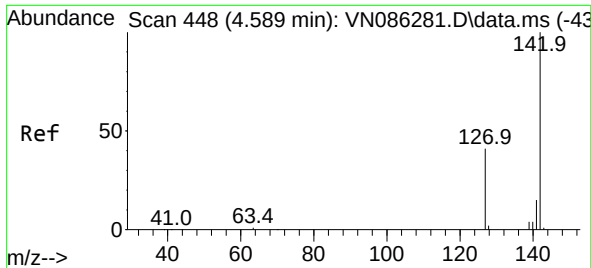
Tgt Ion:168 Resp: 198517
Ion Ratio Lower Upper
168 100
99 61.3 52.5 78.7



#3
Chloromethane
Concen: 1.056 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 50 Resp: 3612
Ion Ratio Lower Upper
50 100
52 27.6 26.5 39.7

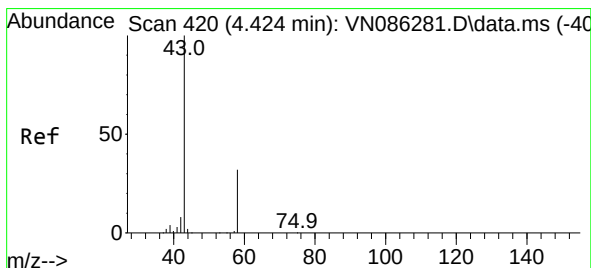
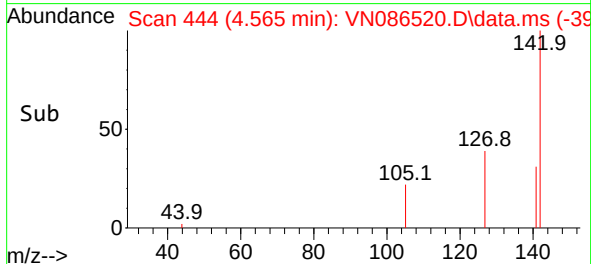
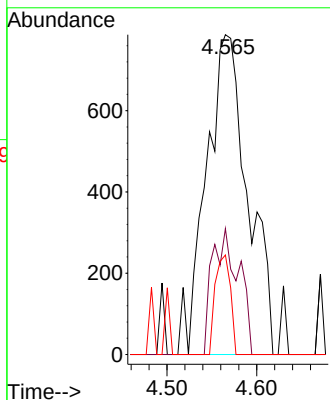
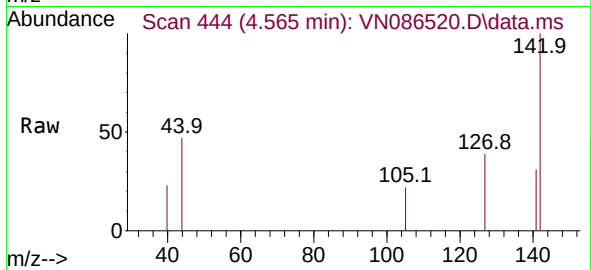




#10
Methyl Iodide
Concen: 1.054 ug/l
RT: 4.565 min Scan# 44
Delta R.T. -0.024 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

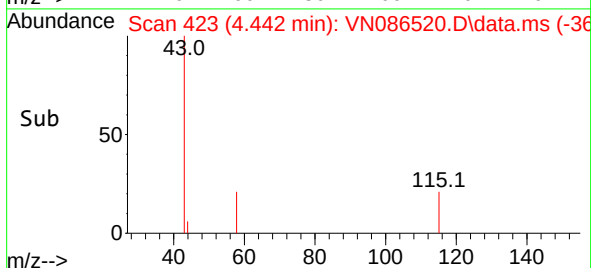
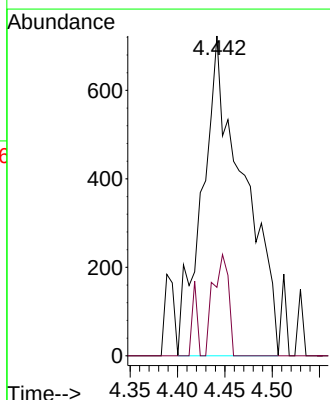
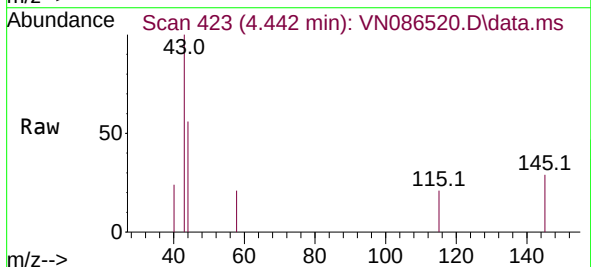
Instrument :
MSVOA_N
ClientSampleId :
SS-7

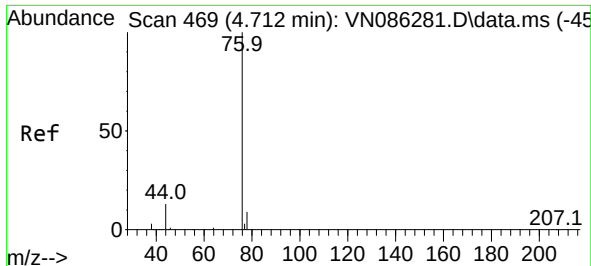
Tgt Ion:142 Resp: 2535
Ion Ratio Lower Upper
142 100
127 39.4 32.7 49.1
141 31.1 11.7 17.5#



#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 43 Resp: 2196
Ion Ratio Lower Upper
43 100
58 21.4 25.3 37.9#

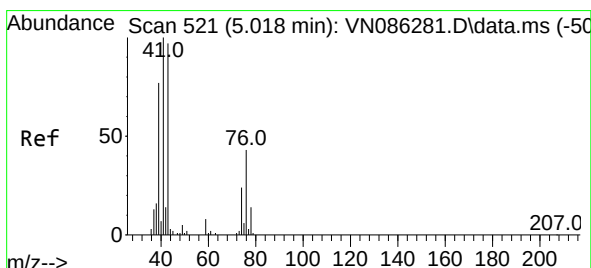
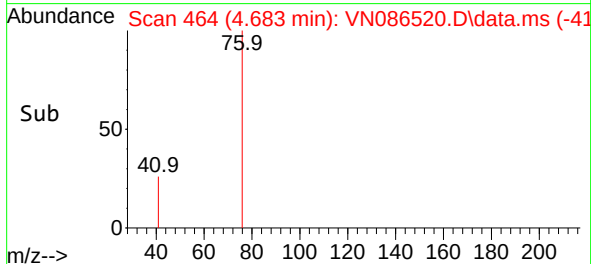
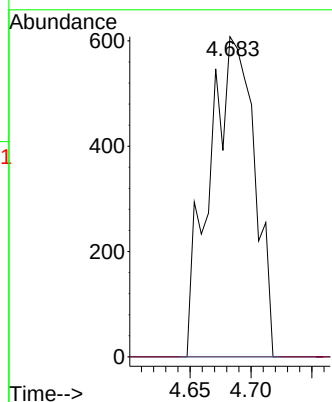
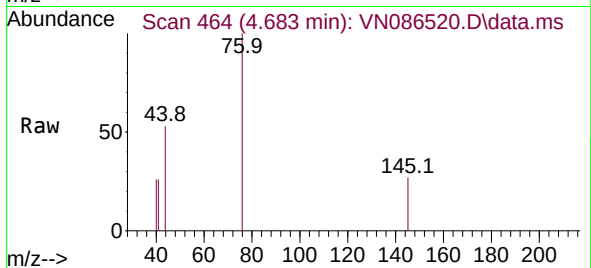




#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 4.683 min Scan# 41
Delta R.T. -0.029 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

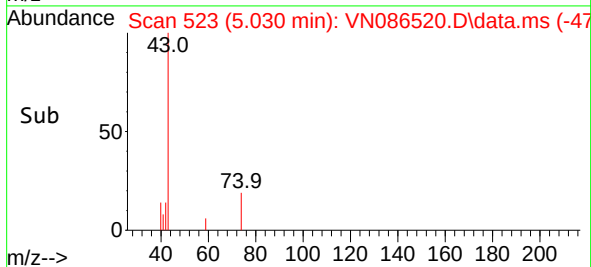
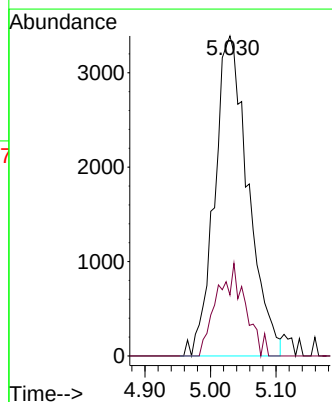
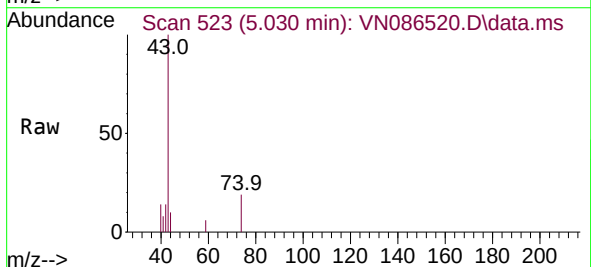
Instrument :
MSVOA_N
ClientSampleId :
SS-7

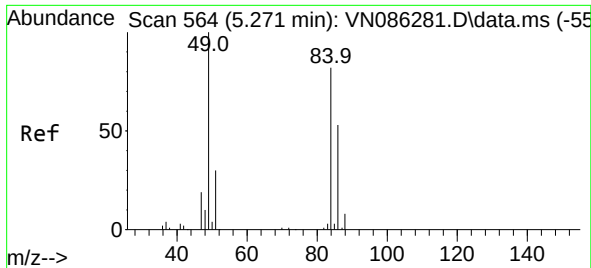
Tgt Ion: 76 Resp: 1559
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: 3.485 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 43 Resp: 12041
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6

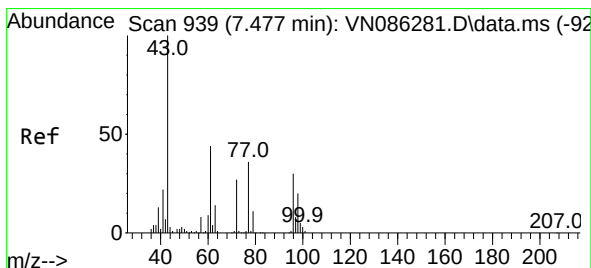
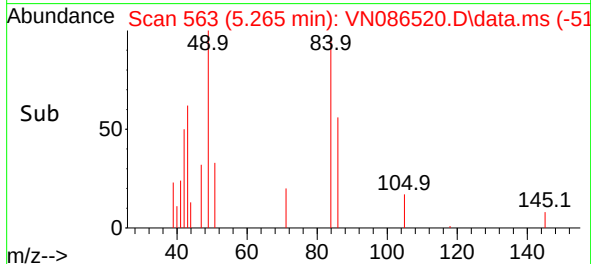
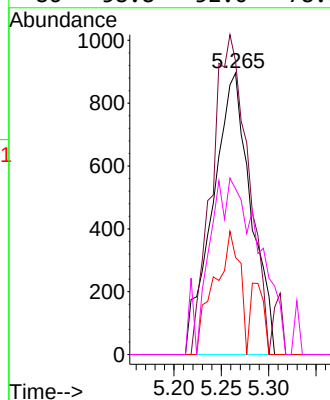
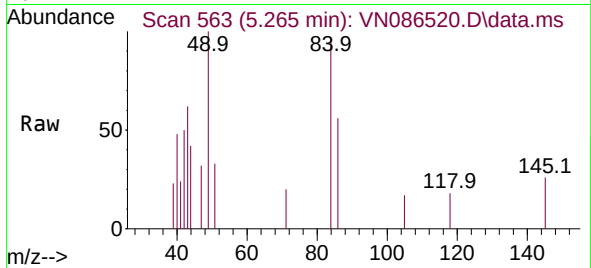




#20
Methylene Chloride
Concen: 0.945 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

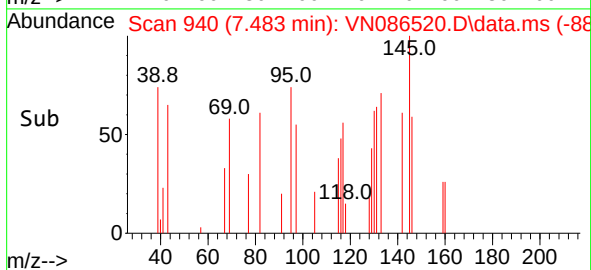
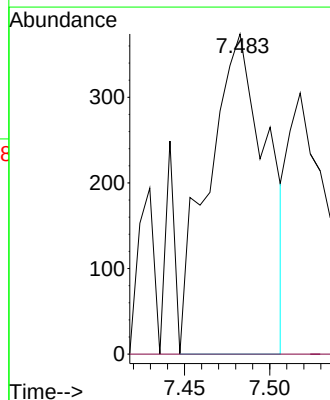
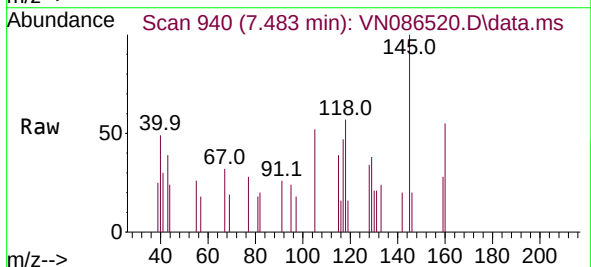
Instrument :
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ClientSampleId :
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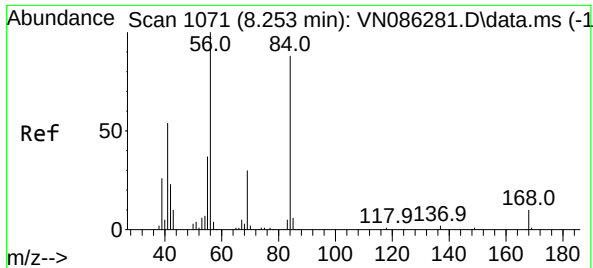
Tgt Ion: 84	Resp:	2514	
Ion	Ratio	Lower	Upper
84	100		
49	104.1	98.2	147.2
51	34.5	29.8	44.6
86	58.8	52.0	78.0



#25
2-Butanone
Concen: 0.499 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 43	Resp:	894	
Ion Ratio	Lower	Upper	
43	100		
72	0.0	21.7	32.5#

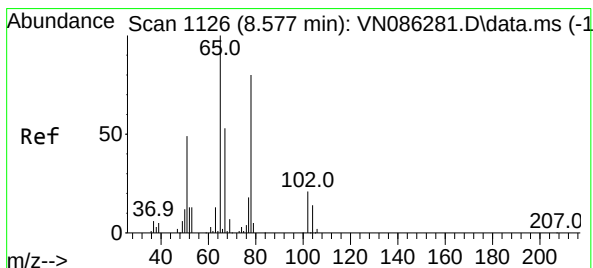
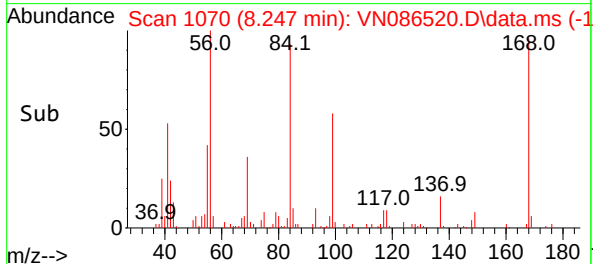
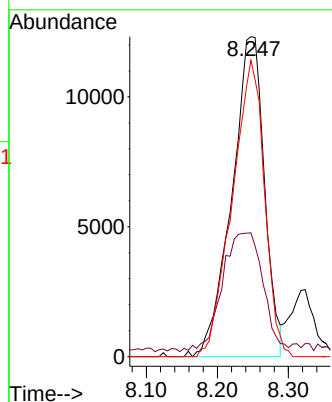
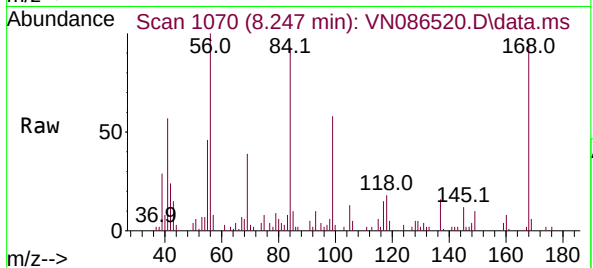




#31
Cyclohexane
Concen: 8.416 ug/l
RT: 8.247 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

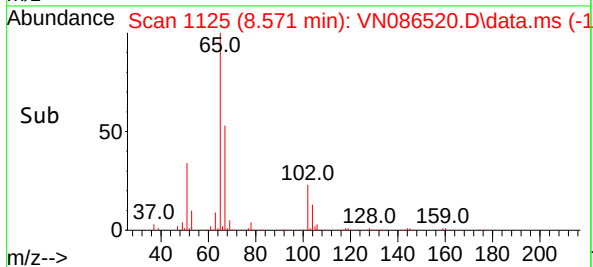
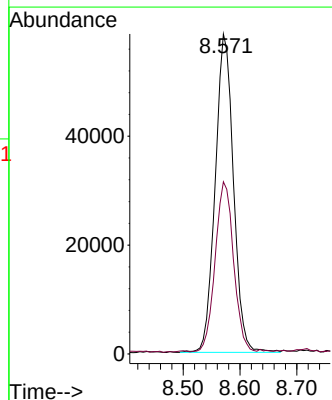
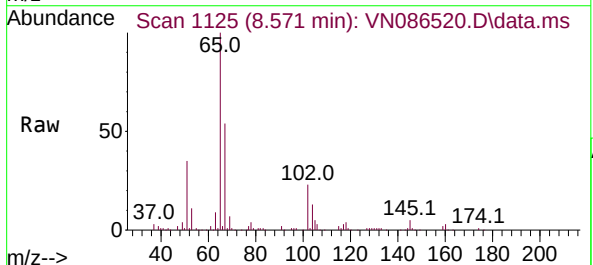
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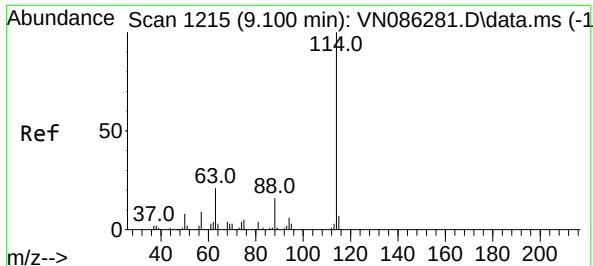
Tgt Ion: 56 Resp: 39261
Ion Ratio Lower Upper
56 100
69 37.1 24.2 36.2#
84 92.6 70.3 105.5



#33
1,2-Dichloroethane-d4
Concen: 45.363 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 65 Resp: 130584
Ion Ratio Lower Upper
65 100
67 53.9 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: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

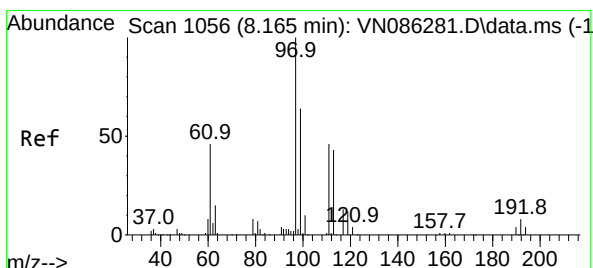
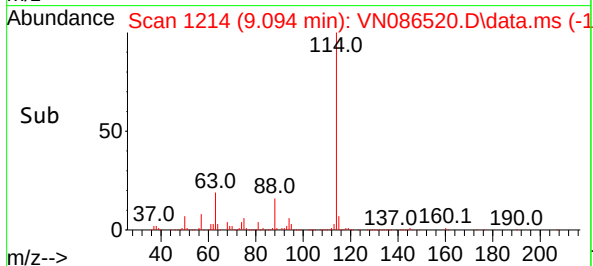
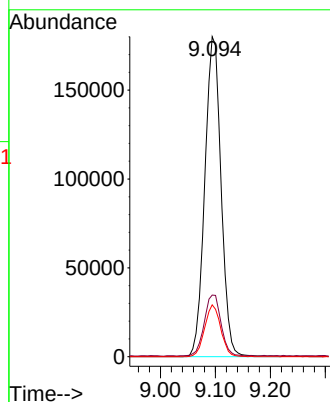
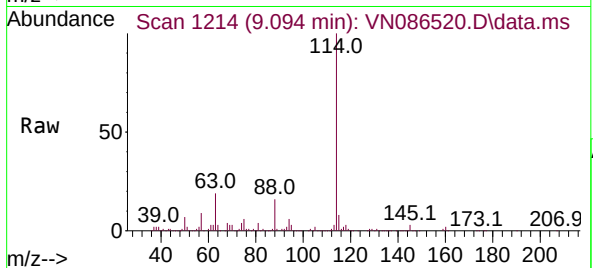
Tgt Ion:114 Resp: 370271

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.698 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

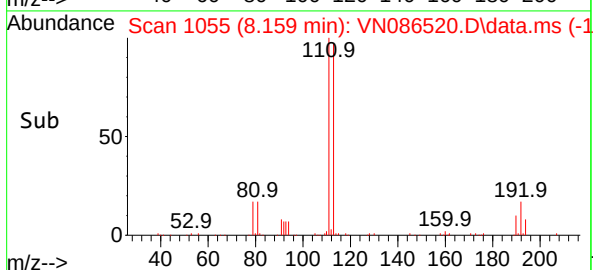
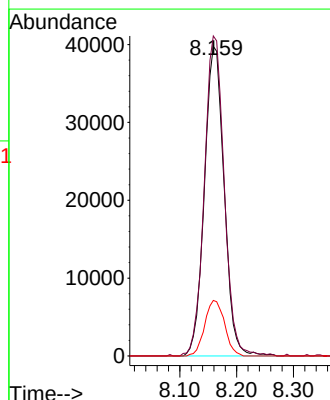
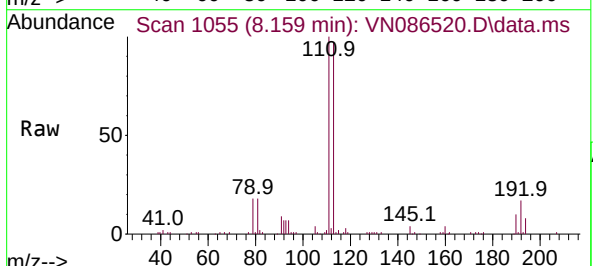
Tgt Ion:113 Resp: 95715

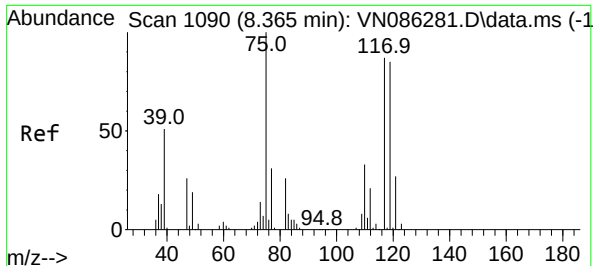
Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.0

192 18.0 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.703 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.153 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

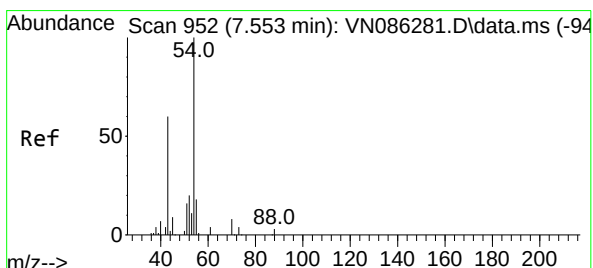
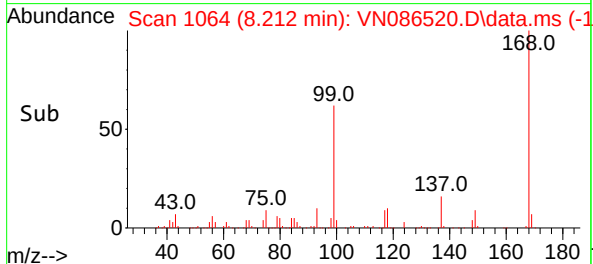
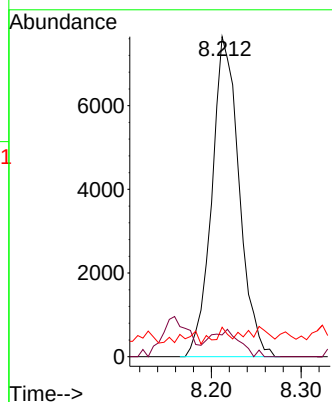
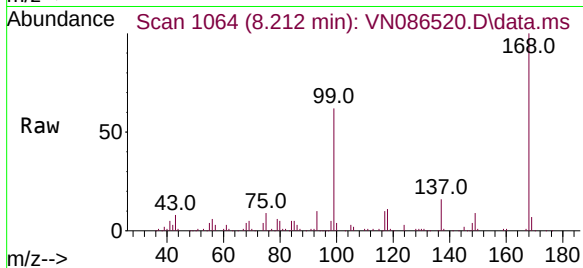
Tgt Ion: 75 Resp: 16142

Ion Ratio Lower Upper

75 100

110 9.1 16.8 50.4#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 0.254 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.006 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

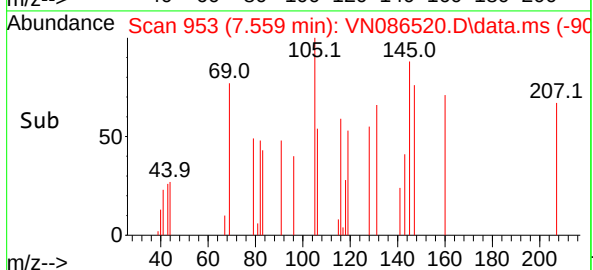
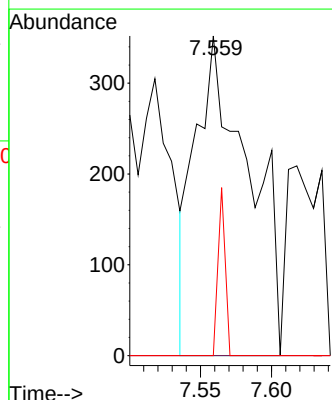
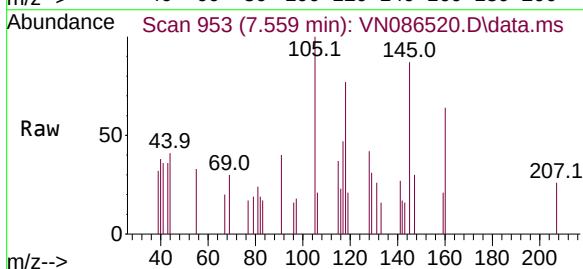
Tgt Ion: 43 Resp: 919

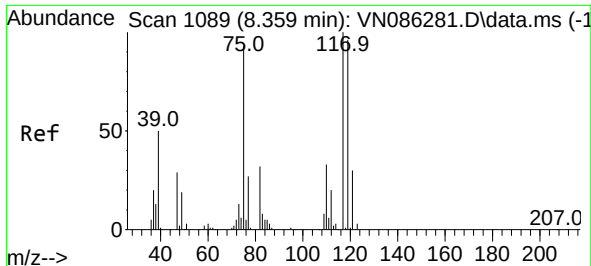
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 7.1 9.2 13.8#

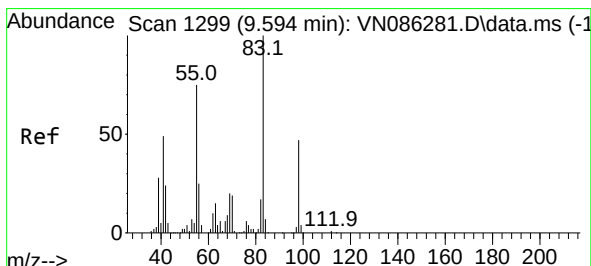
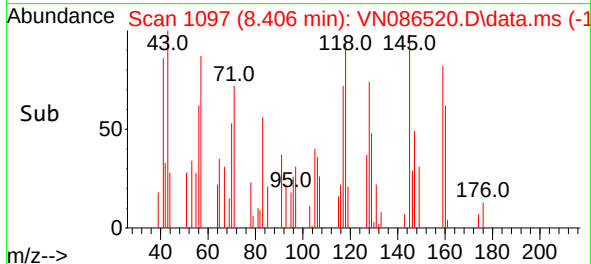
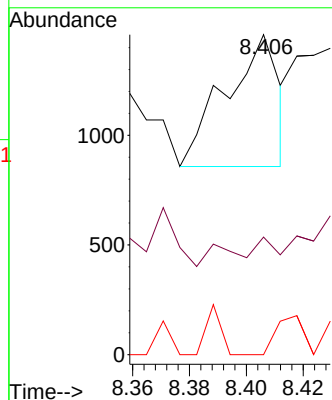
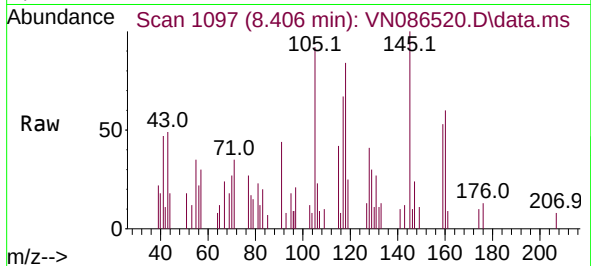




#38
Carbon Tetrachloride
Concen: 0.240 ug/l
RT: 8.406 min Scan# 117
Delta R.T. 0.047 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

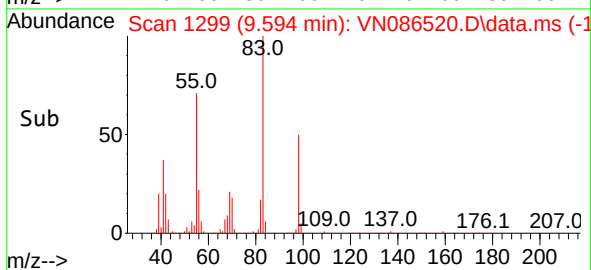
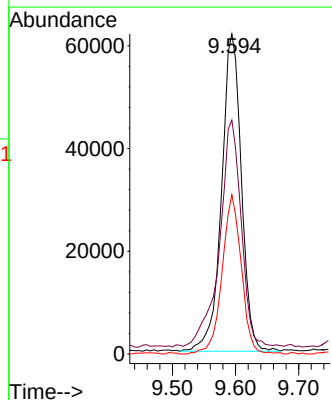
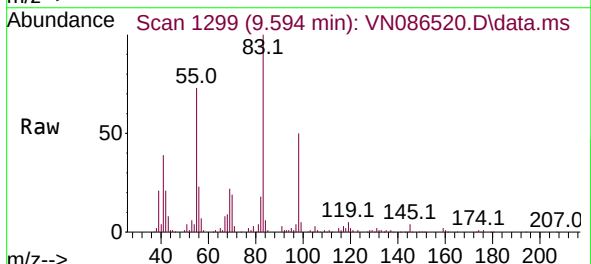
Instrument :
MSVOA_N
ClientSampleId :
SS-7

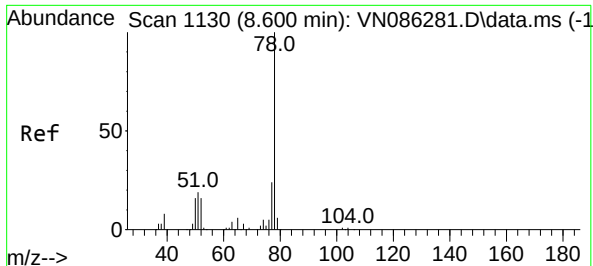
Tgt Ion: 117 Resp: 783
Ion Ratio Lower Upper
117 100
119 13.5 76.8 115.2#
121 0.0 23.8 35.8#



#39
Methylcyclohexane
Concen: 33.052 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 83 Resp: 134843
Ion Ratio Lower Upper
83 100
55 71.0 59.8 89.8
98 50.2 37.9 56.9

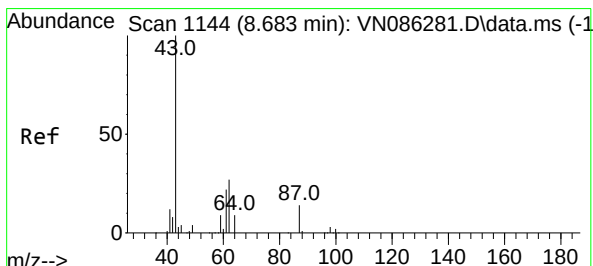
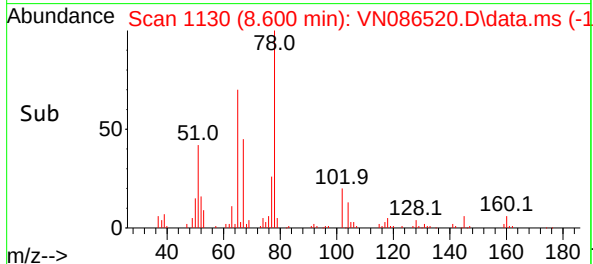
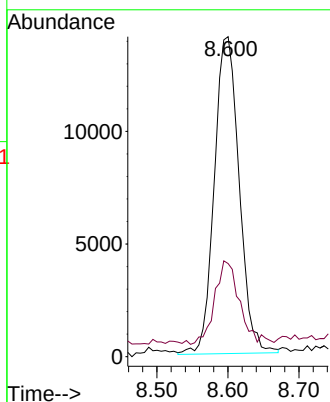
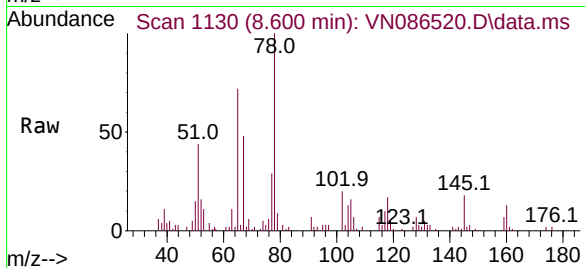




#40
Benzene
Concen: 3.107 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

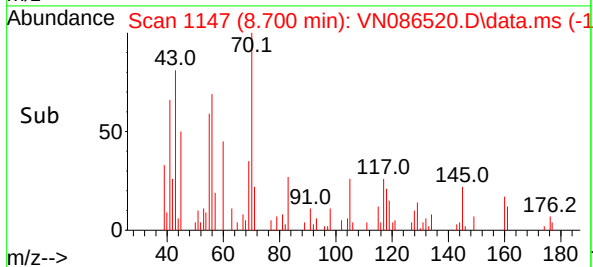
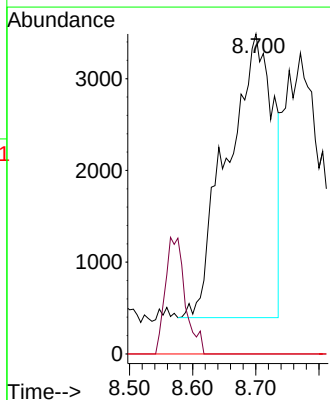
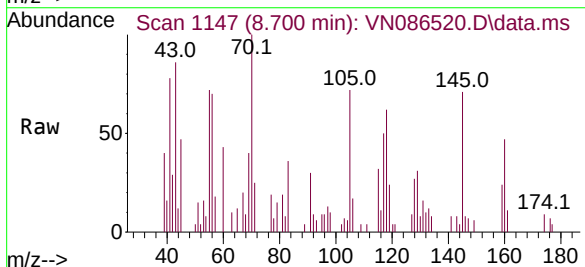
Instrument :
MSVOA_N
ClientSampleId :
SS-7

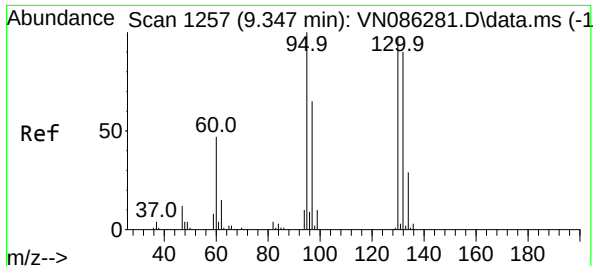
Tgt Ion: 78 Resp: 34163
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.2



#43
Isopropyl Acetate
Concen: 0.554 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.017 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 43 Resp: 15541
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

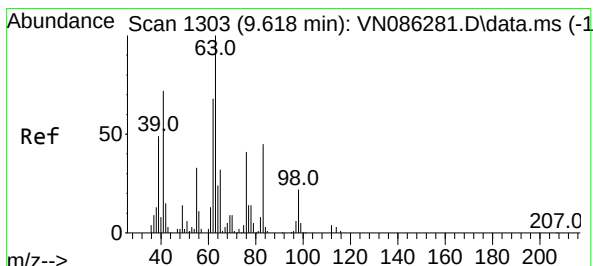
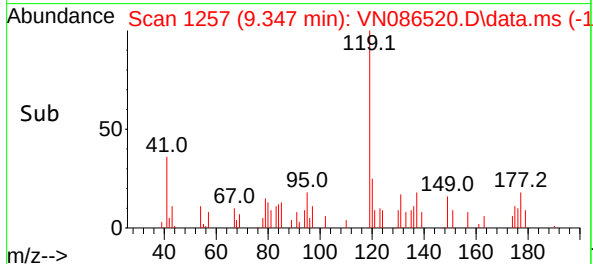
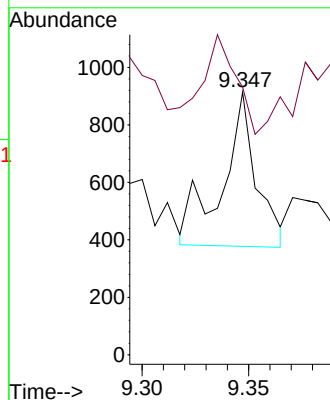
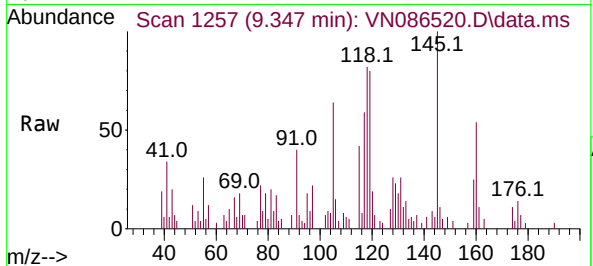




#44
Trichloroethene
Concen: 0.230 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

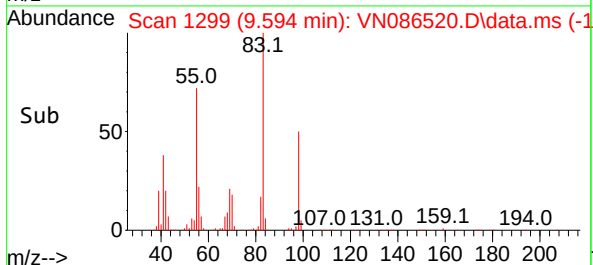
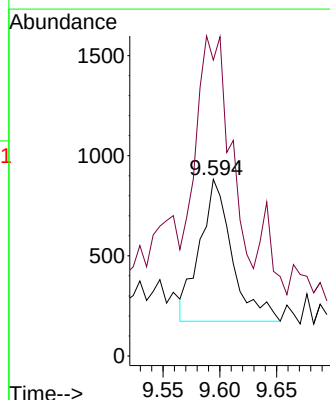
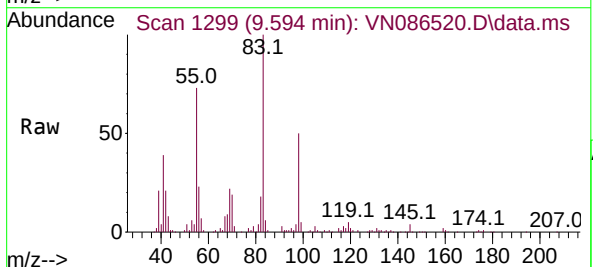
Instrument :
MSVOA_N
ClientSampleId :
SS-7

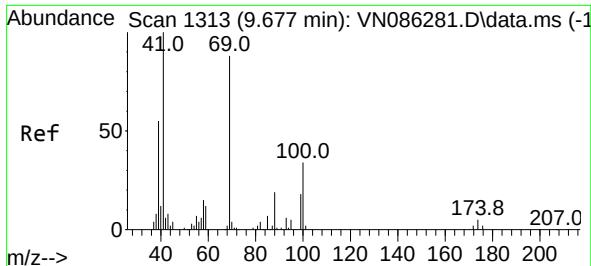
Tgt Ion:130 Resp: 599
Ion Ratio Lower Upper
130 100
95 14.5 0.0 207.2



#45
1,2-Dichloropropane
Concen: 0.520 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.024 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 63 Resp: 1400
Ion Ratio Lower Upper
63 100
65 152.5 25.4 38.2#





#48

Methyl methacrylate

Concen: 19.527 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.082 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

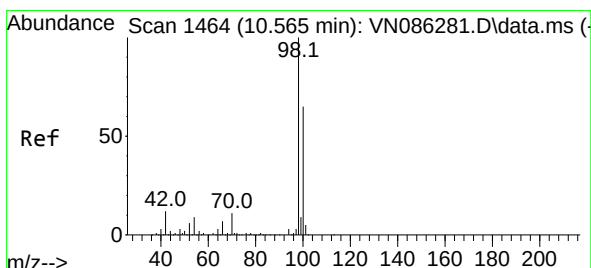
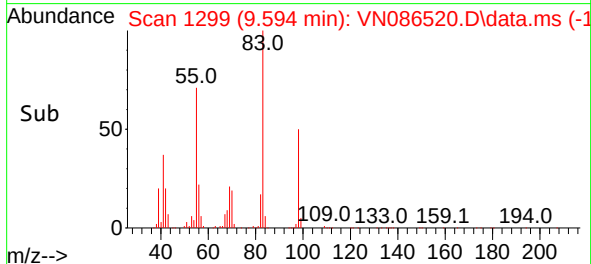
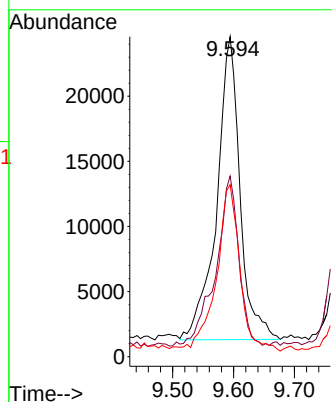
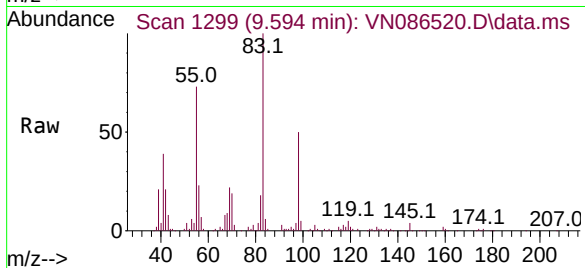
Tgt Ion: 41 Resp: 61966

Ion Ratio Lower Upper

41 100

69 55.6 68.2 102.2#

39 55.7 45.2 67.8



#50

Toluene-d8

Concen: 52.785 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086520.D

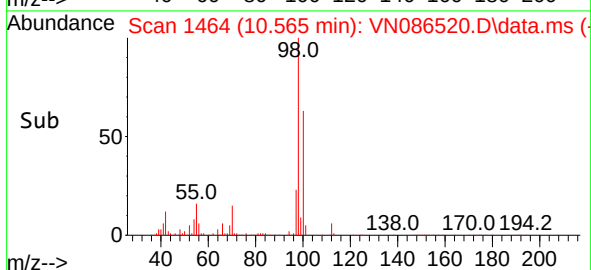
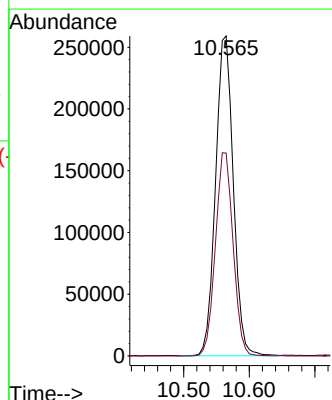
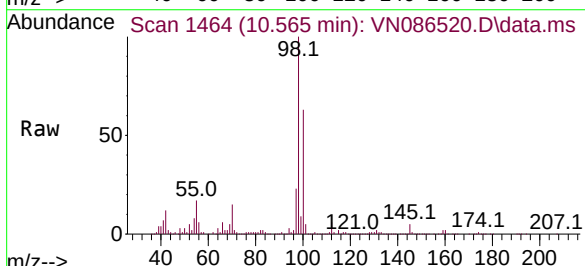
Acq: 06 May 2025 17:23

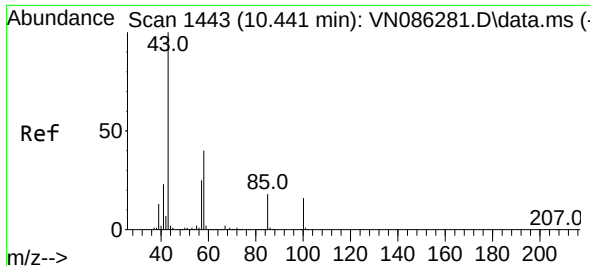
Tgt Ion: 98 Resp: 484795

Ion Ratio Lower Upper

98 100

100 63.5 52.5 78.7

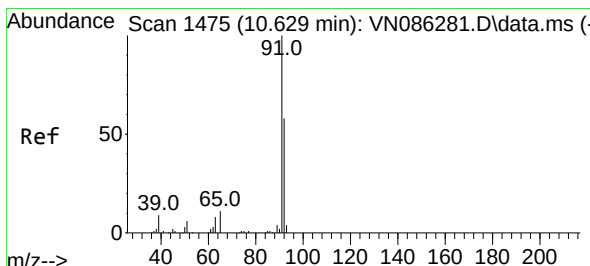
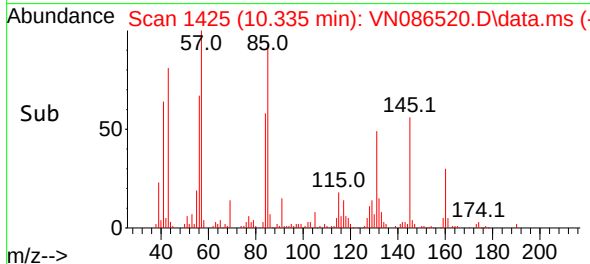
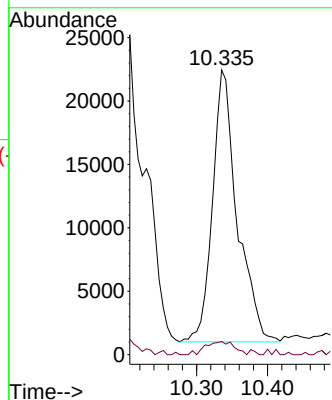
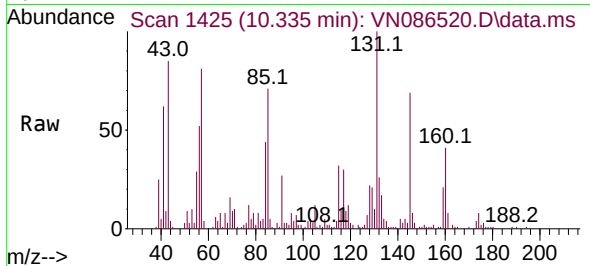




#51
4-Methyl-2-Pentanone
Concen: 14.010 ug/l
RT: 10.335 min Scan# 1443
Delta R.T. -0.106 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

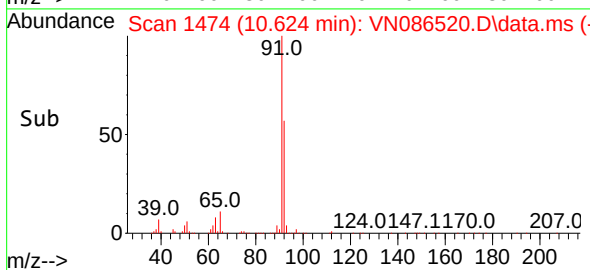
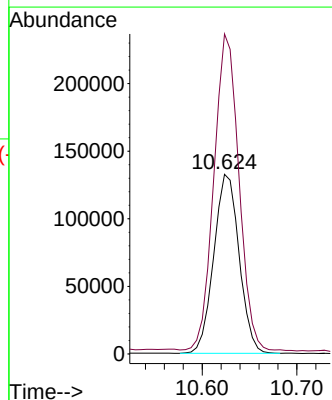
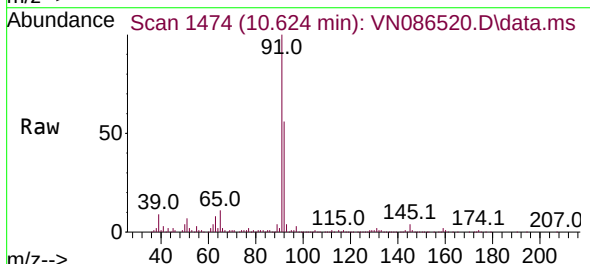
Instrument :
MSVOA_N
ClientSampleId :
SS-7

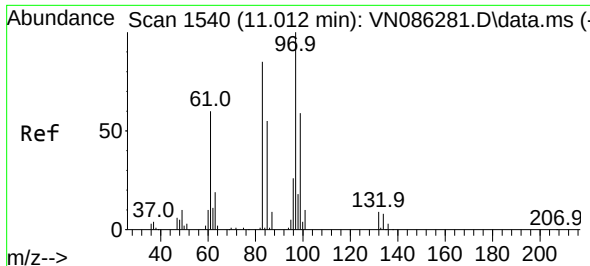
Tgt Ion: 43 Resp: 51842
Ion Ratio Lower Upper
43 100
58 5.6 32.2 48.4#



#52
Toluene
Concen: 35.953 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 92 Resp: 246705
Ion Ratio Lower Upper
92 100
91 174.9 137.3 205.9

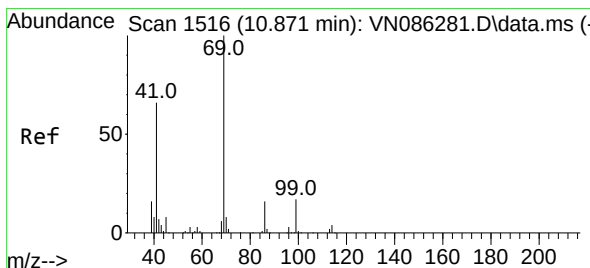
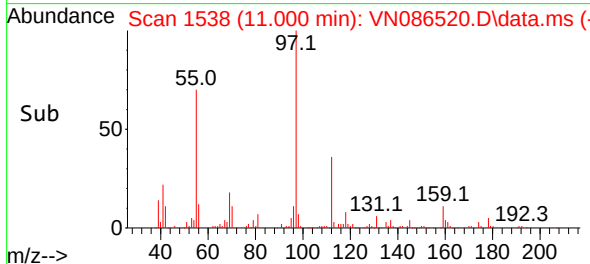
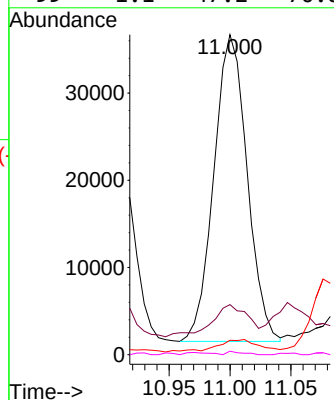
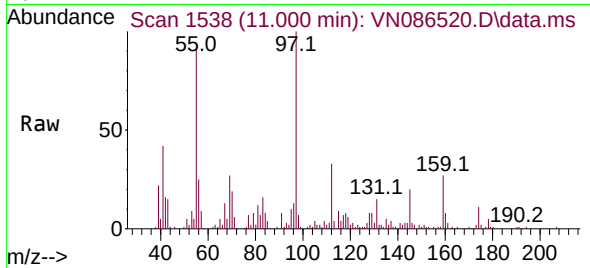




#55
 1,1,2-Trichloroethane
 Concen: 27.072 ug/l
 RT: 11.000 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

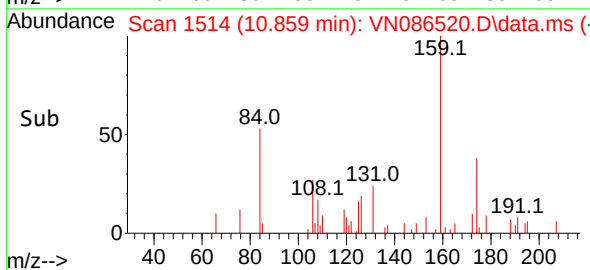
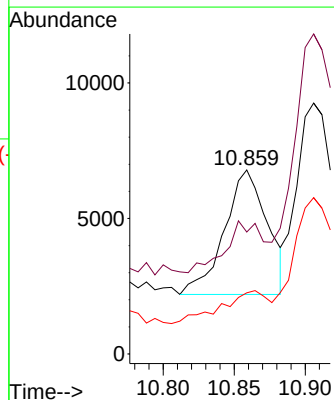
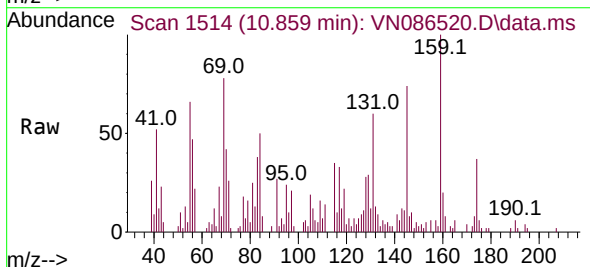
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

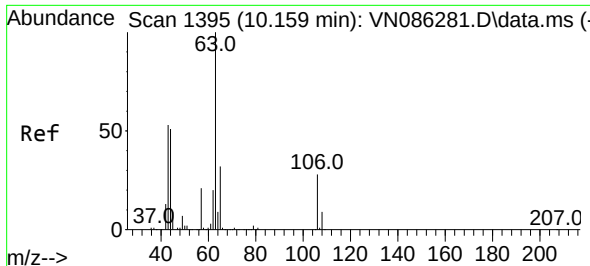
Tgt Ion: 97	Resp: 66836
Ion Ratio	Lower Upper
97 100	
83 9.2	68.4 102.6#
85 3.5	43.9 65.9#
99 1.1	47.2 70.8#



#56
 Ethyl methacrylate
 Concen: 2.130 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. -0.012 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

Tgt Ion: 69	Resp: 9665
Ion Ratio	Lower Upper
69 100	
41 37.5	51.7 77.5#
39 29.0	26.3 39.5

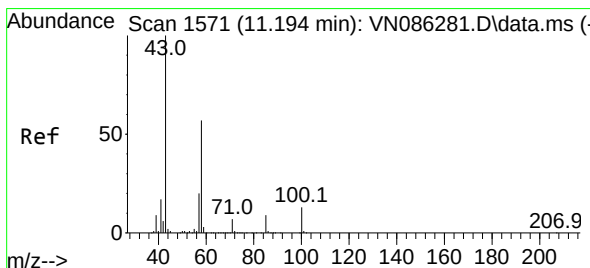
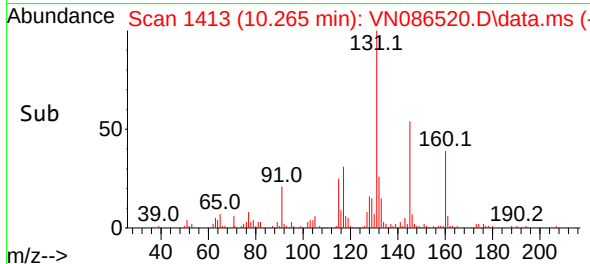
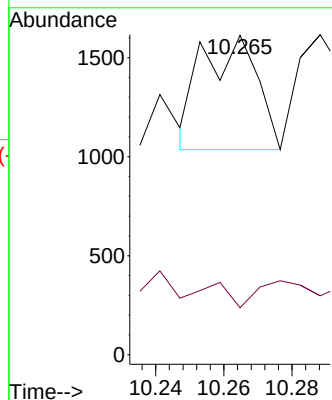
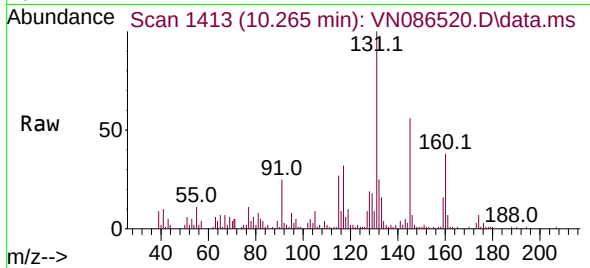




#58
2-Chloroethyl Vinyl ether
Concen: 0.298 ug/l
RT: 10.265 min Scan# 1413
Delta R.T. 0.106 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

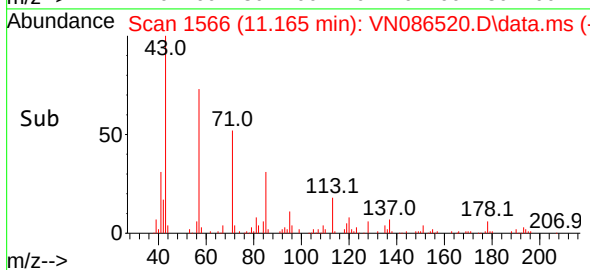
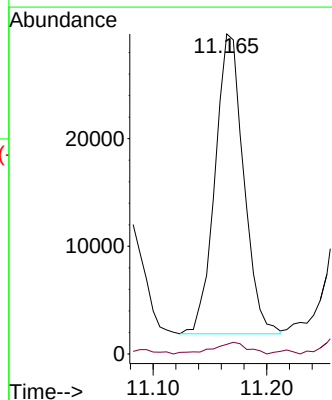
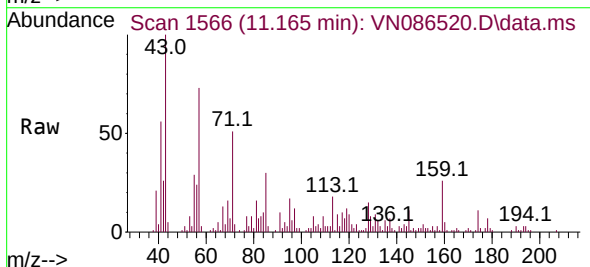
Instrument :
MSVOA_N
ClientSampleId :
SS-7

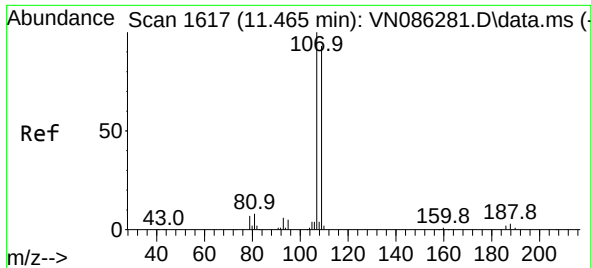
Tgt Ion: 63 Resp: 641
Ion Ratio Lower Upper
63 100
106 22.9 22.2 33.2



#59
2-Hexanone
Concen: 17.769 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.029 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 43 Resp: 48771
Ion Ratio Lower Upper
43 100
58 4.6 28.3 85.0#

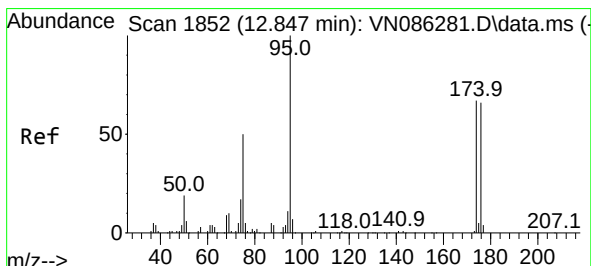
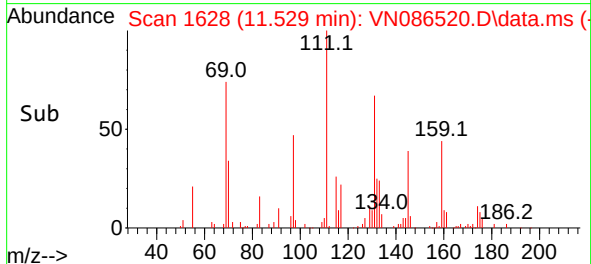
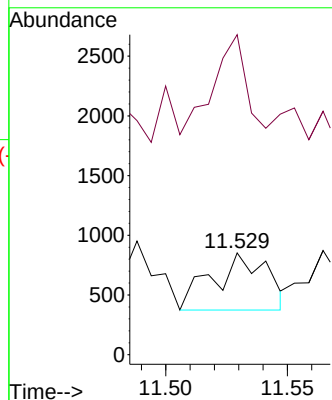
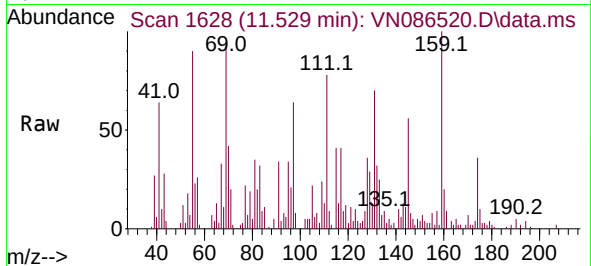




#61
1,2-Dibromoethane
Concen: 0.297 ug/l
RT: 11.529 min Scan# 1628
Delta R.T. 0.065 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

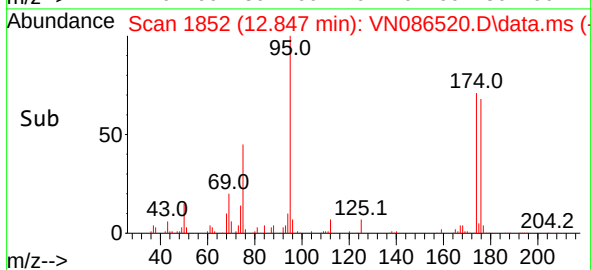
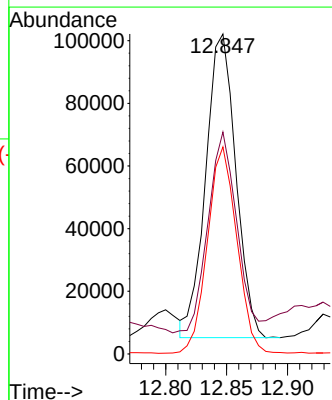
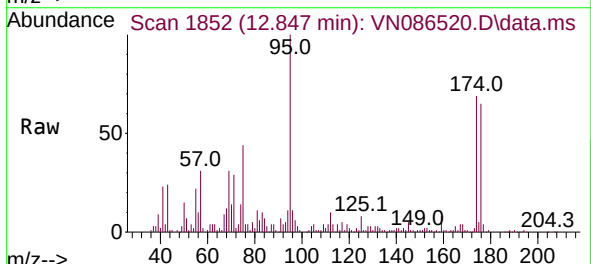
Instrument :
MSVOA_N
ClientSampleId :
SS-7

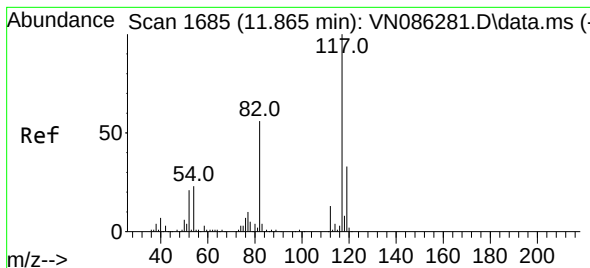
Tgt Ion:107 Resp: 739
Ion Ratio Lower Upper
107 100
109 105.0 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 49.789 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 95 Resp: 166788
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.4
176 66.0 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

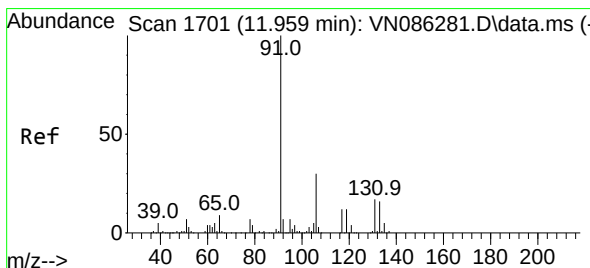
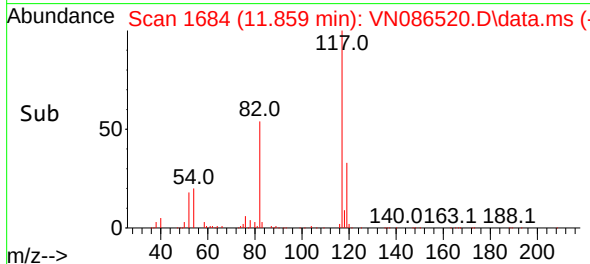
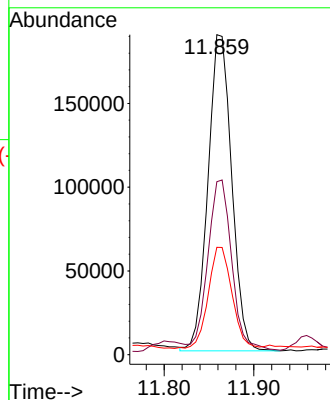
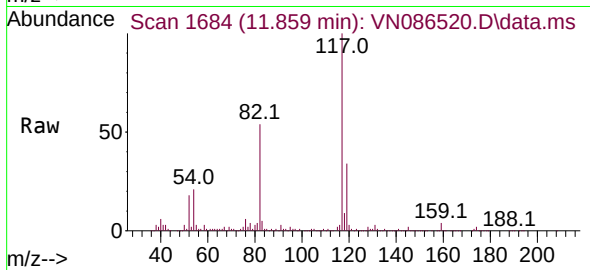
Tgt Ion:117 Resp: 347259

Ion Ratio Lower Upper

117 100

82 53.2 44.7 67.1

119 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 0.887 ug/l

RT: 12.170 min Scan# 1737

Delta R.T. 0.212 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

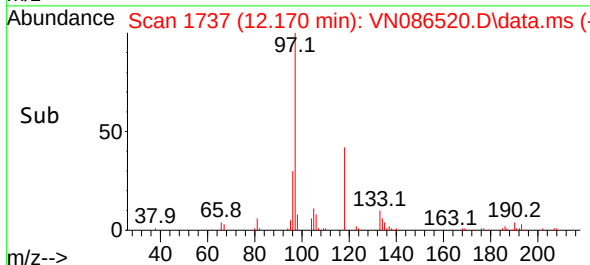
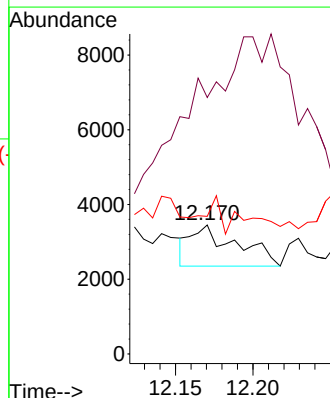
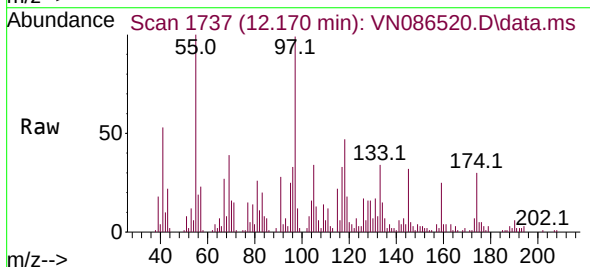
Tgt Ion:131 Resp: 2268

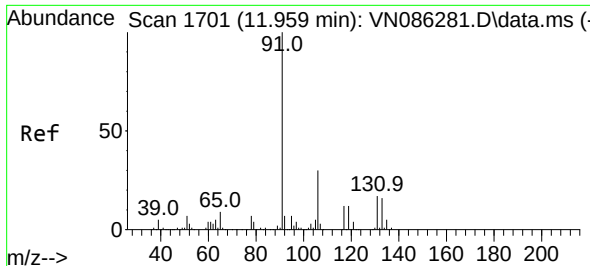
Ion Ratio Lower Upper

131 100

133 0.0 47.1 141.3#

119 0.0 33.8 101.4#

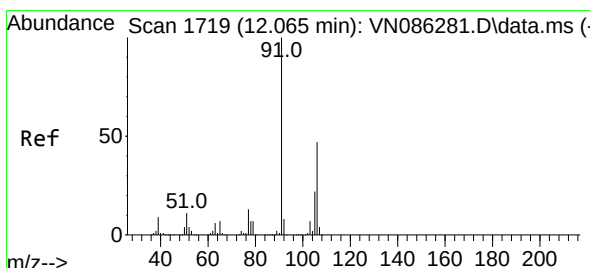
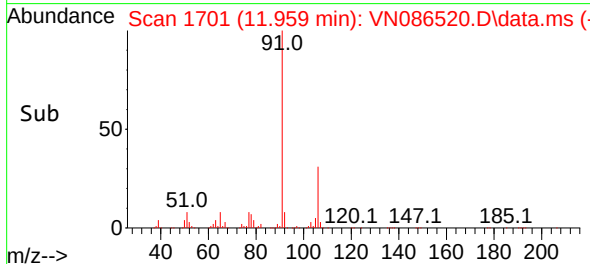
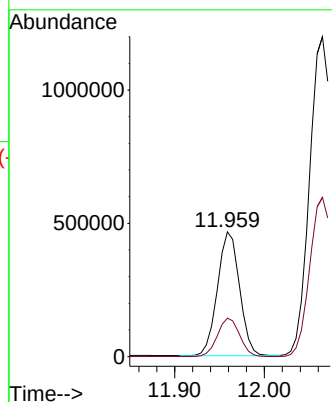
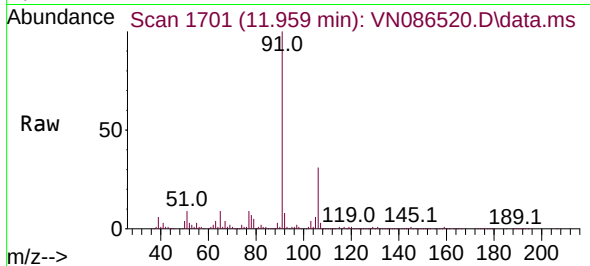




#67
Ethyl Benzene
Concen: 56.728 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

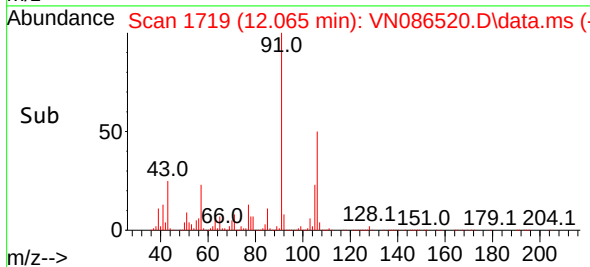
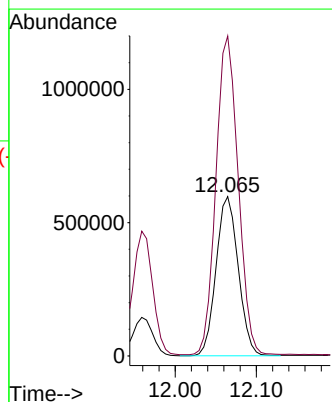
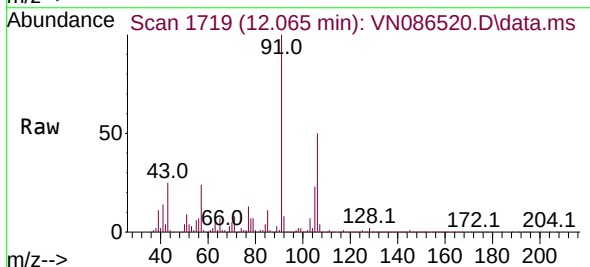
Instrument :
MSVOA_N
ClientSampleId :
SS-7

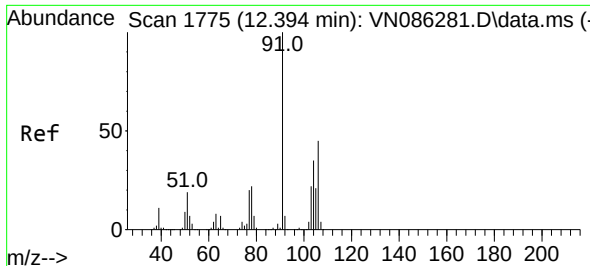
Tgt Ion: 91 Resp: 793307
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 216.469 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:106 Resp: 1134281
Ion Ratio Lower Upper
106 100
91 200.2 166.5 249.7

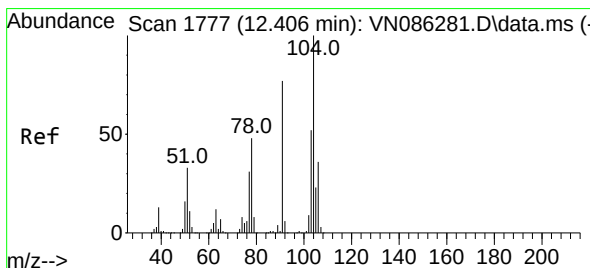
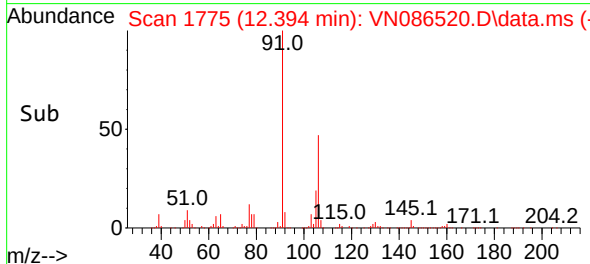
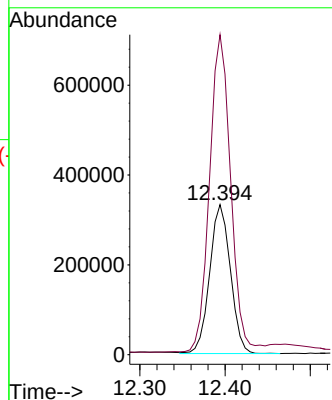
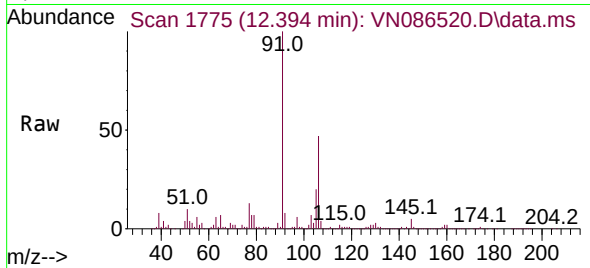




#69
o-Xylene
Concen: 108.067 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

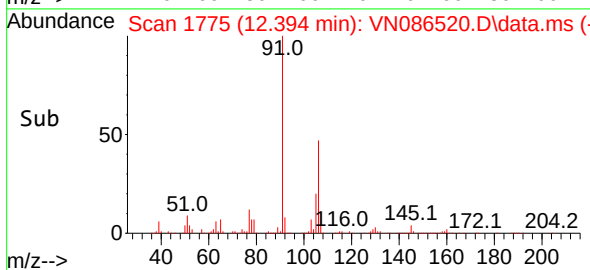
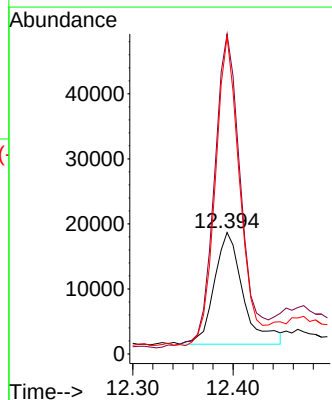
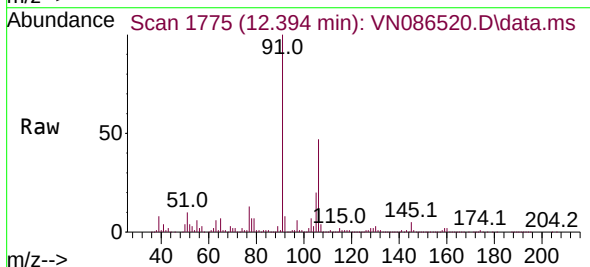
Instrument :
MSVOA_N
ClientSampleId :
SS-7

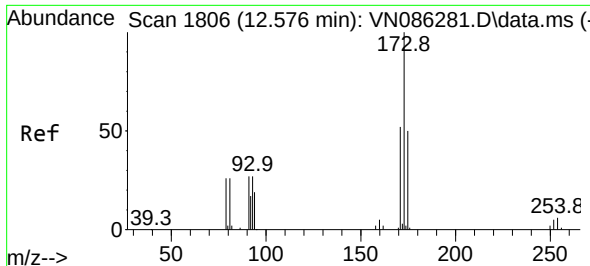
Tgt Ion:106 Resp: 559998
Ion Ratio Lower Upper
106 100
91 218.5 109.7 329.0



#70
Styrene
Concen: 3.976 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:104 Resp: 34327
Ion Ratio Lower Upper
104 100
78 262.3 40.6 61.0#
103 237.1 43.6 65.4#

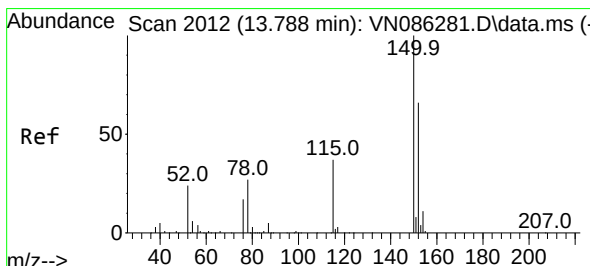
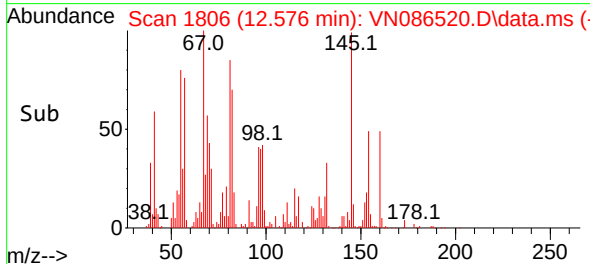
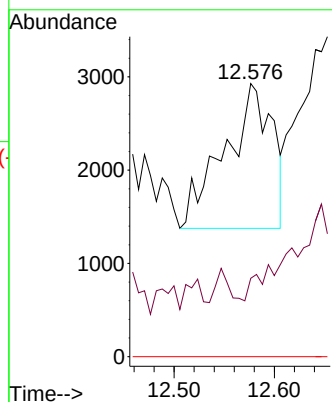
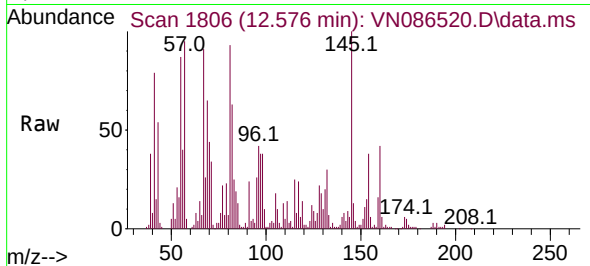




#71
Bromoform
Concen: 2.667 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

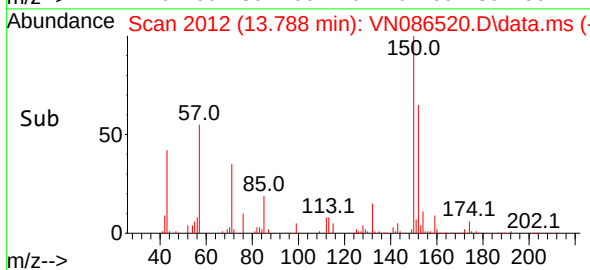
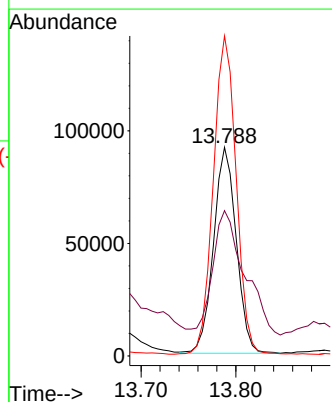
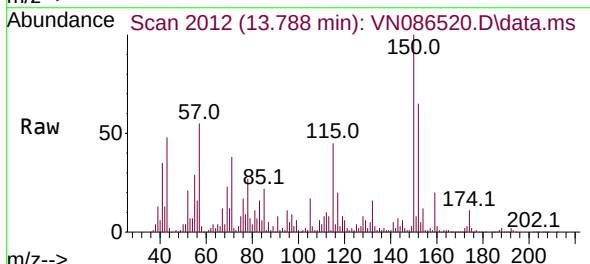
Instrument :
MSVOA_N
ClientSampleId :
SS-7

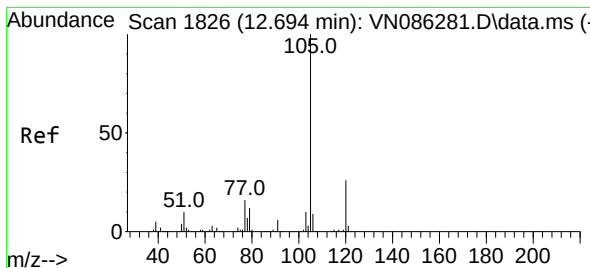
Tgt Ion:173 Resp: 5133
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:152 Resp: 152767
Ion Ratio Lower Upper
152 100
115 84.3 31.9 95.9
150 155.3 0.0 352.0





#73

Isopropylbenzene

Concen: 17.211 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

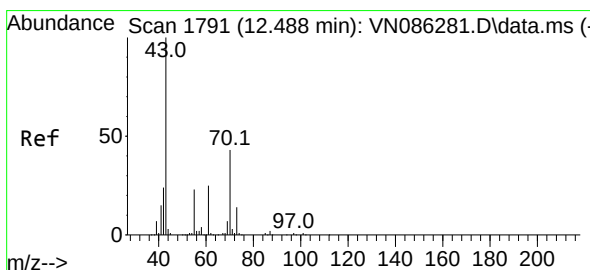
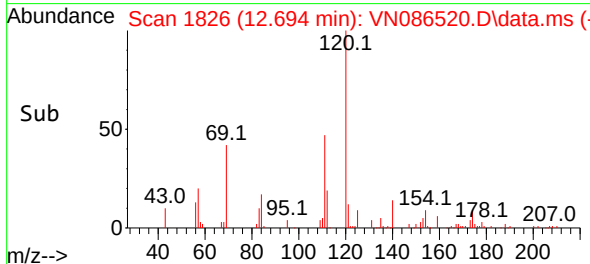
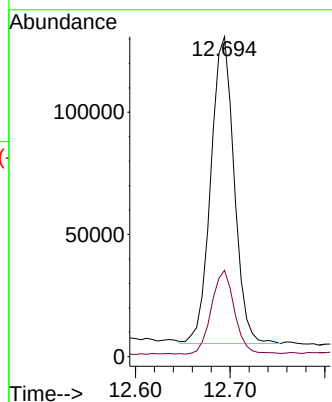
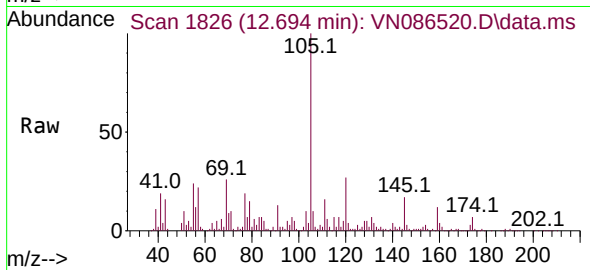
SS-7

Tgt Ion:105 Resp: 215076

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.3



#74

N-ethyl acetate

Concen: 16.392 ug/l

RT: 12.476 min Scan# 1789

Delta R.T. -0.012 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Tgt Ion: 43 Resp: 101981

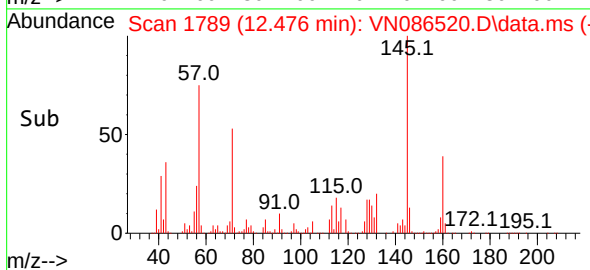
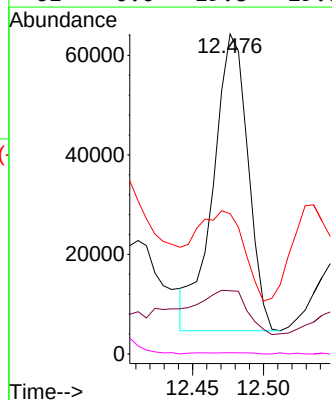
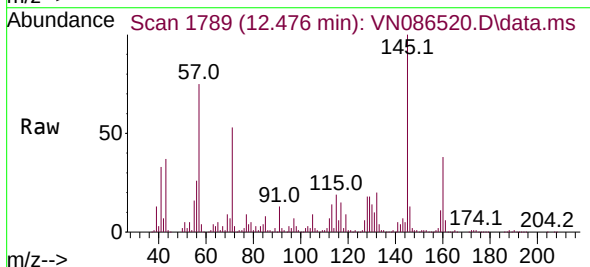
Ion Ratio Lower Upper

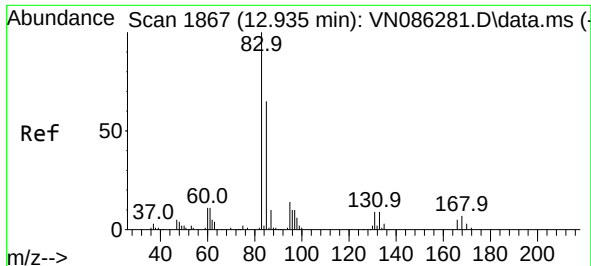
43 100

70 27.6 35.0 52.4#

55 42.4 19.0 28.4#

61 0.0 19.8 29.8#

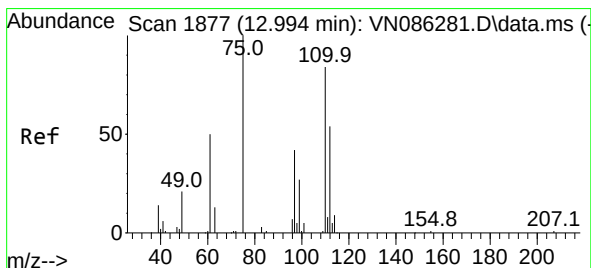
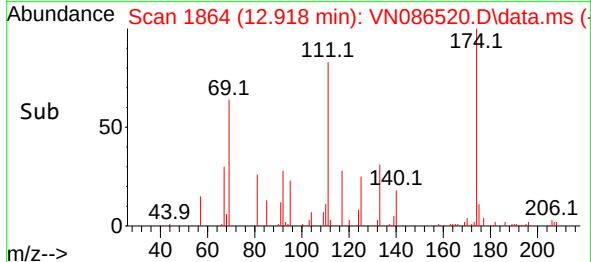
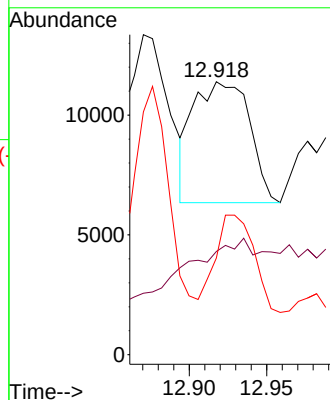
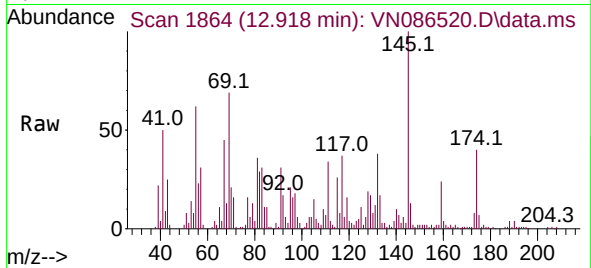




#75
1,1,2,2-Tetrachloroethane
Concen: 3.540 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.018 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

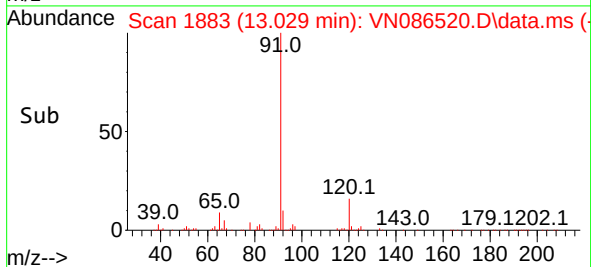
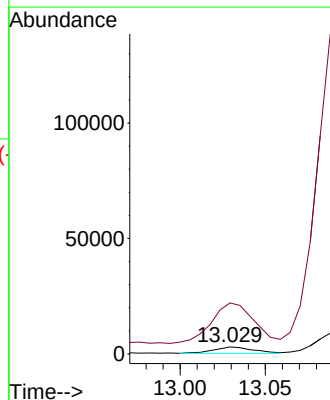
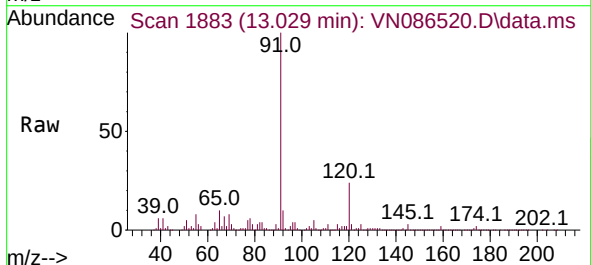
Instrument :
MSVOA_N
ClientSampleId :
SS-7

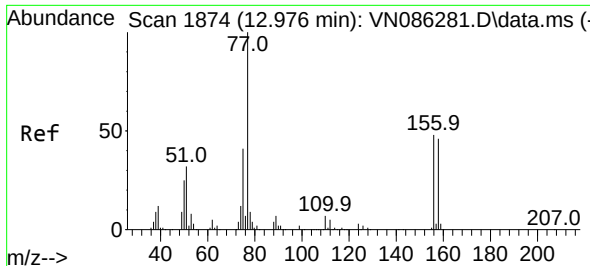
Tgt Ion: 83 Resp: 12718
Ion Ratio Lower Upper
83 100
131 67.4 4.7 14.1#
85 0.0 32.7 98.1#



#76
1,2,3-Trichloropropane
Concen: 1.230 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.035 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 75 Resp: 4433
Ion Ratio Lower Upper
75 100
77 687.7 98.8 296.4#

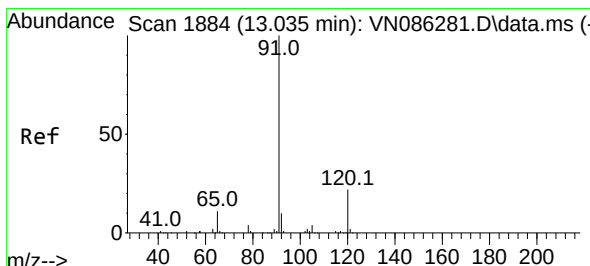
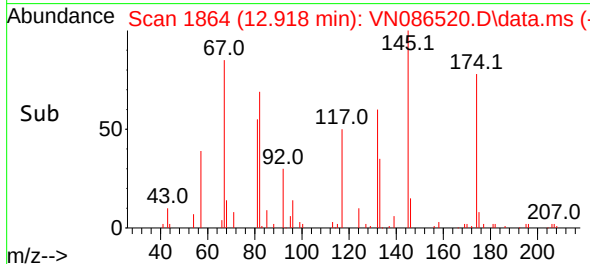
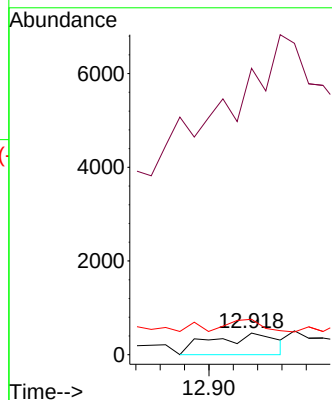
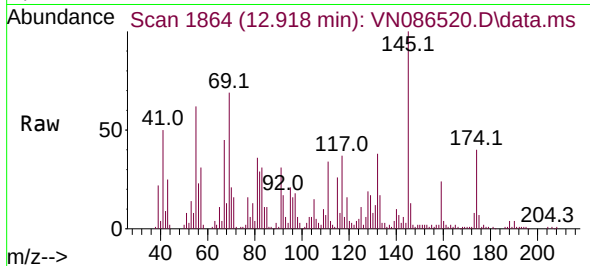




#77
Bromobenzene
Concen: 0.304 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.059 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

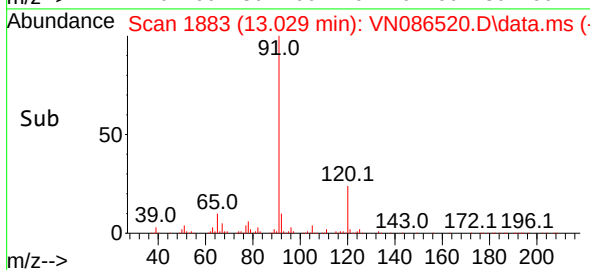
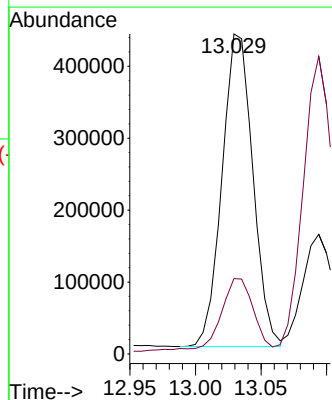
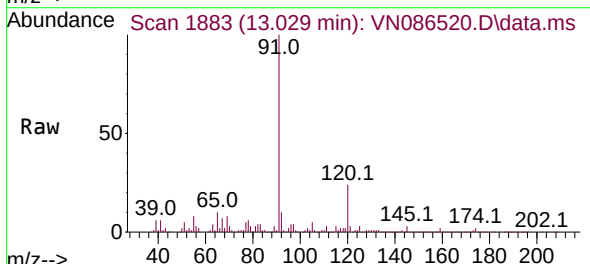
Instrument :
MSVOA_N
ClientSampleId :
SS-7

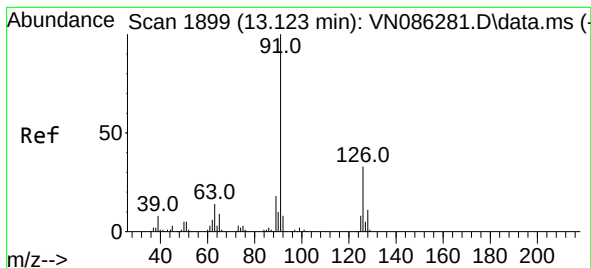
Tgt Ion:156 Resp: 843
Ion Ratio Lower Upper
156 100
77 1343.2 121.1 363.1#
158 40.9 47.9 143.6#



#78
n-propylbenzene
Concen: 48.251 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 91 Resp: 710525
Ion Ratio Lower Upper
91 100
120 27.0 11.1 33.3





#79

2-Chlorotoluene

Concen: 26.463 ug/l

RT: 13.094 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

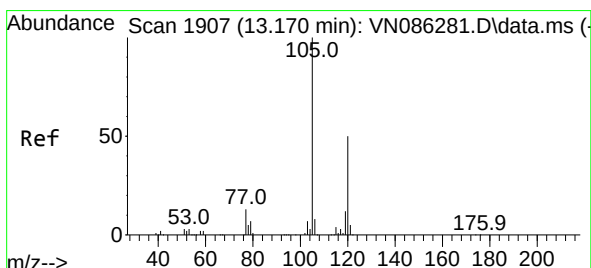
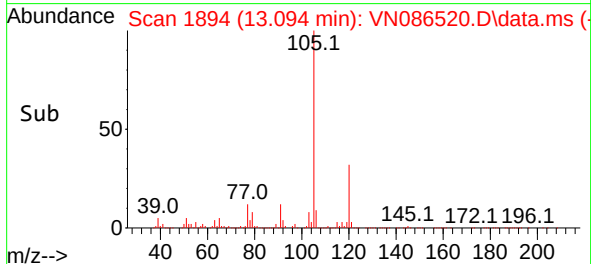
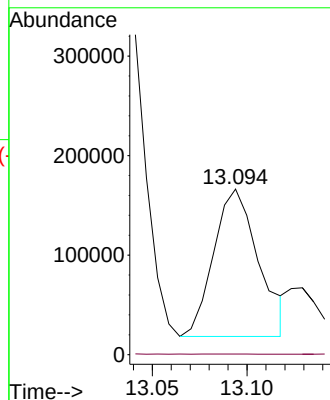
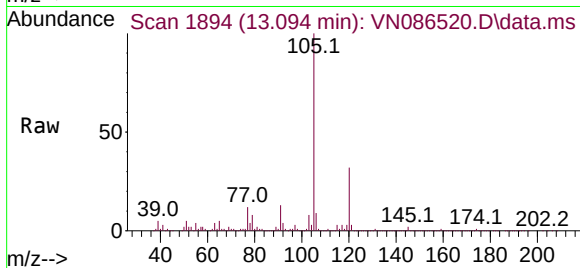
SS-7

Tgt Ion: 91 Resp: 243846

Ion Ratio Lower Upper

91 100

126 0.2 16.1 48.2#



#80

1,3,5-Trimethylbenzene

Concen: 74.039 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086520.D

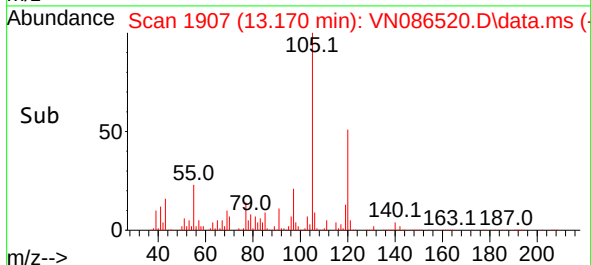
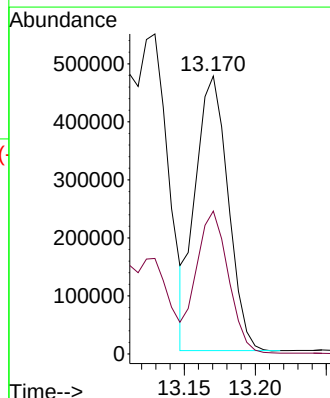
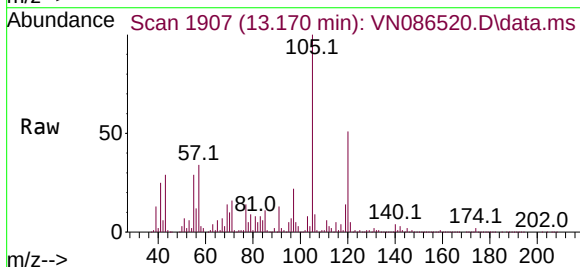
Acq: 06 May 2025 17:23

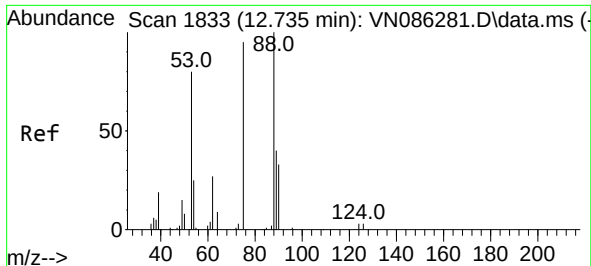
Tgt Ion: 105 Resp: 757282

Ion Ratio Lower Upper

105 100

120 51.1 24.5 73.5

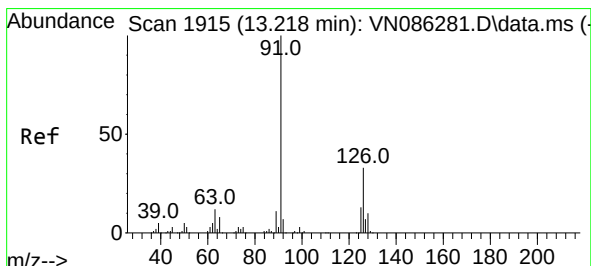
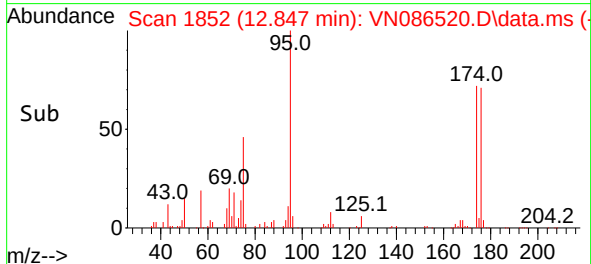
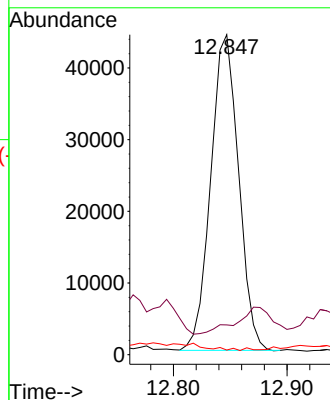
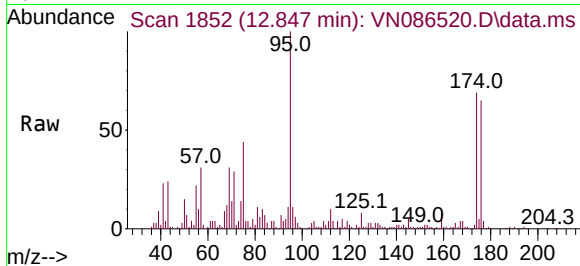




#81
trans-1,4-Dichloro-2-butene
Concen: 50.045 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

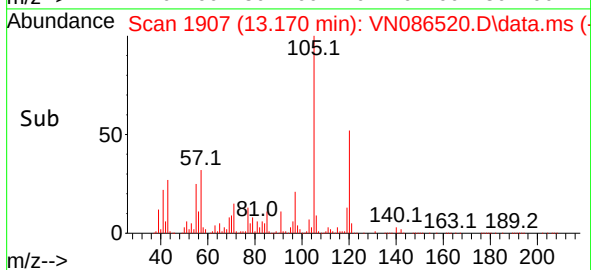
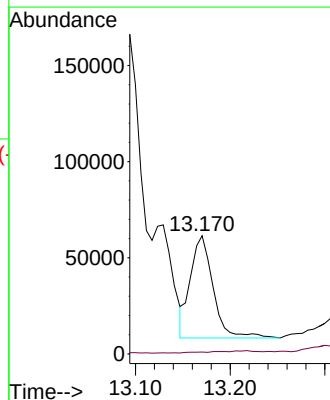
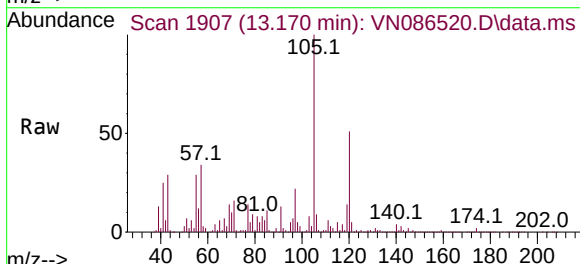
Instrument :
MSVOA_N
ClientSampleId :
SS-7

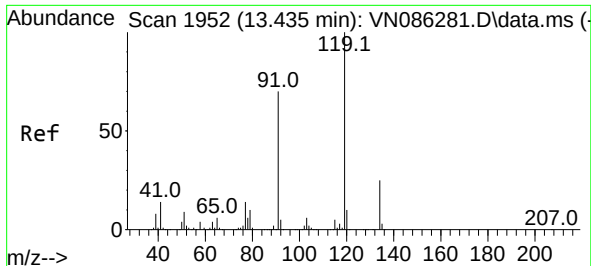
Tgt Ion: 75 Resp: 75122
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 9.710 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 91 Resp: 88875
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

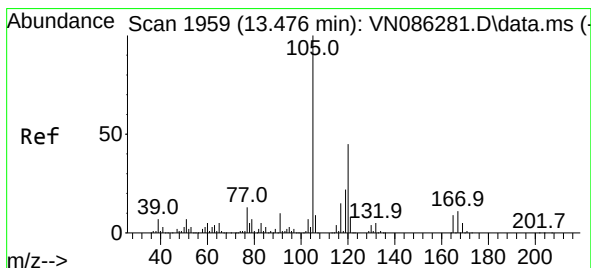
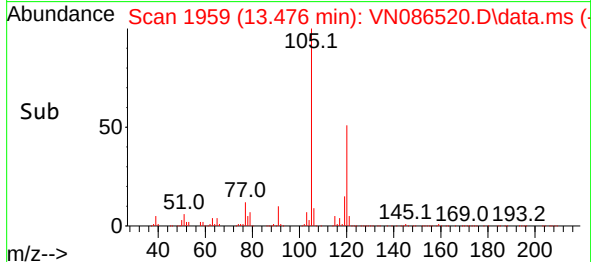
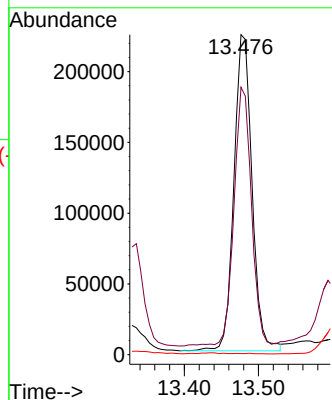
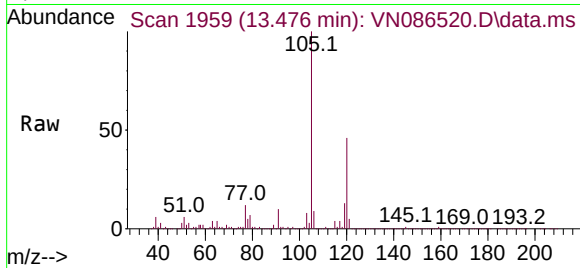




#83
tert-Butylbenzene
Concen: 42.722 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.041 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

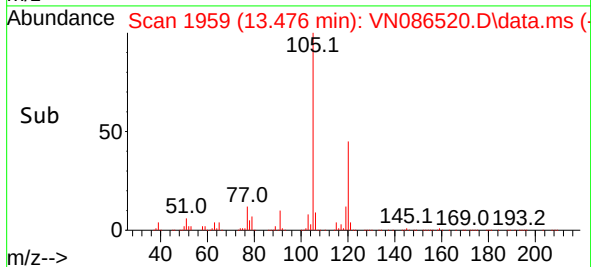
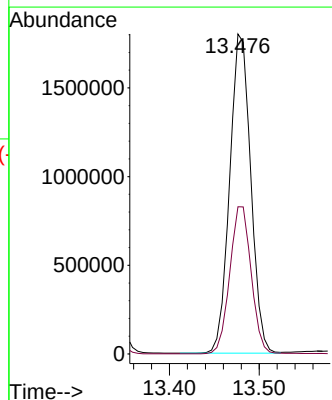
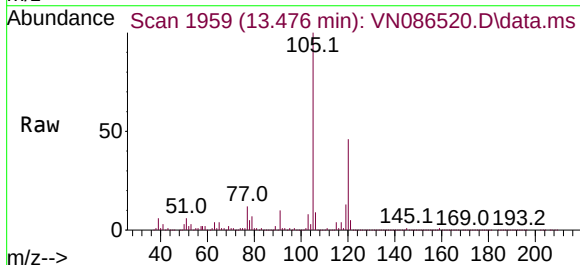
Instrument :
MSVOA_N
ClientSampleId :
SS-7

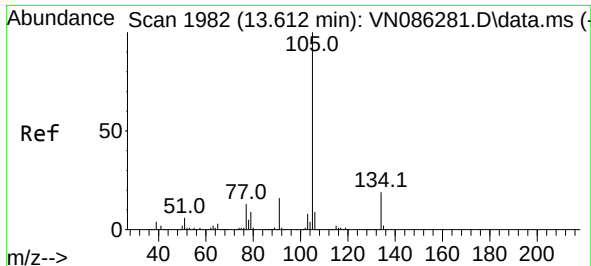
Tgt Ion:119 Resp: 378620
Ion Ratio Lower Upper
119 100
91 79.3 34.4 103.3
134 0.0 13.0 39.0#



#84
1,2,4-Trimethylbenzene
Concen: 281.680 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:105 Resp: 2932662
Ion Ratio Lower Upper
105 100
120 47.1 22.4 67.3

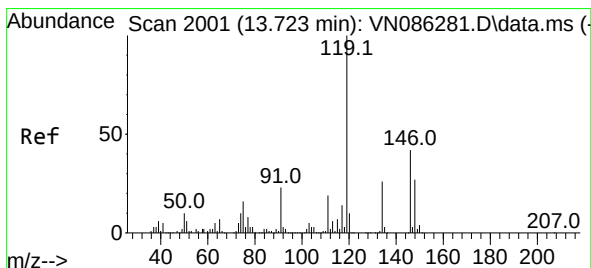
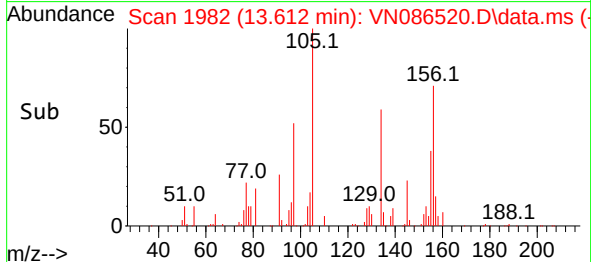
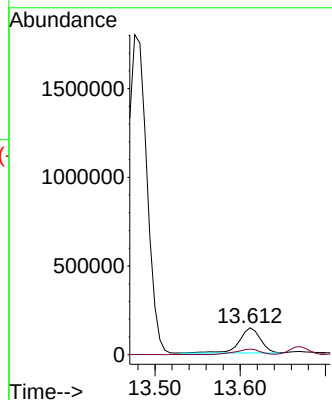
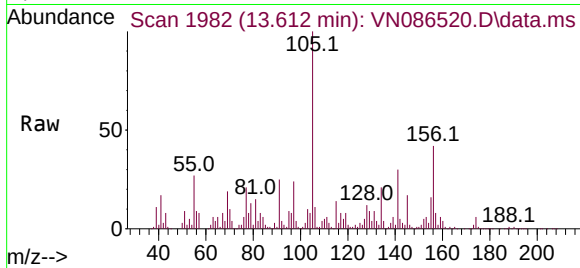




#85
 sec-Butylbenzene
 Concen: 20.024 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

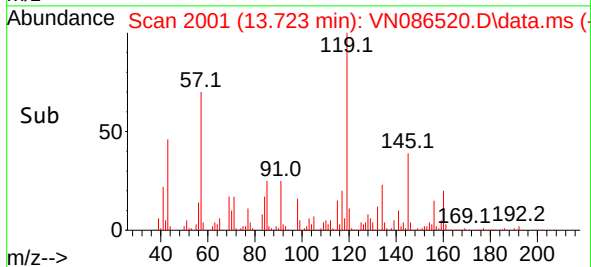
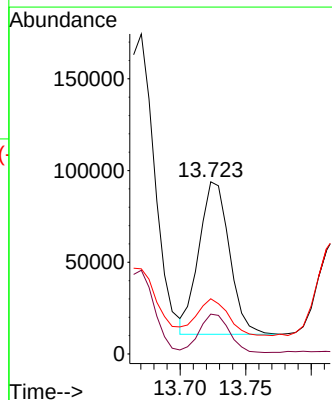
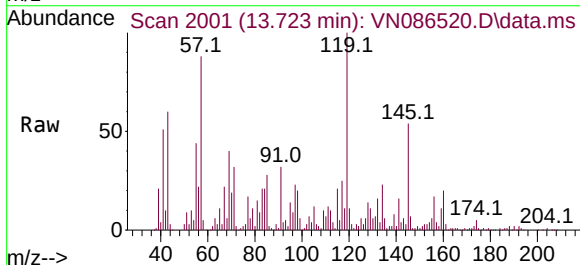
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

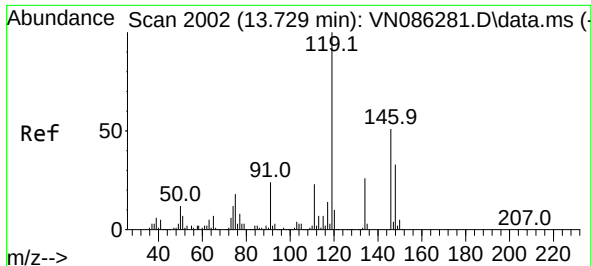
Tgt Ion:105 Resp: 246151
 Ion Ratio Lower Upper
 105 100
 134 25.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 13.296 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

Tgt Ion:119 Resp: 134722
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.1 39.1
 91 24.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 4.849 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.024 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

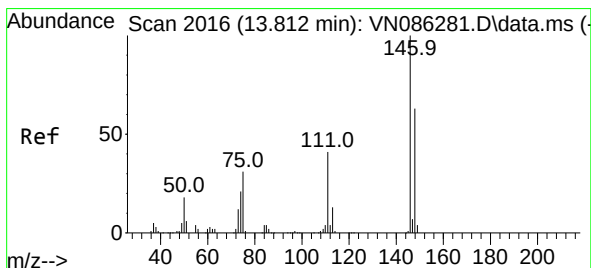
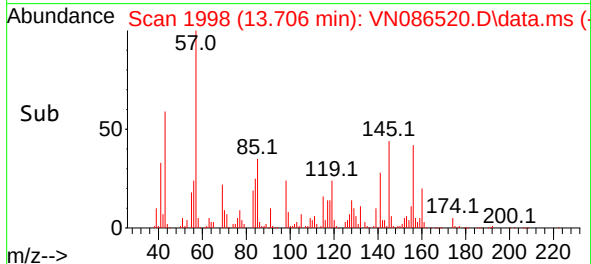
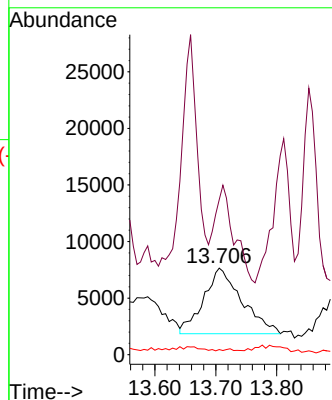
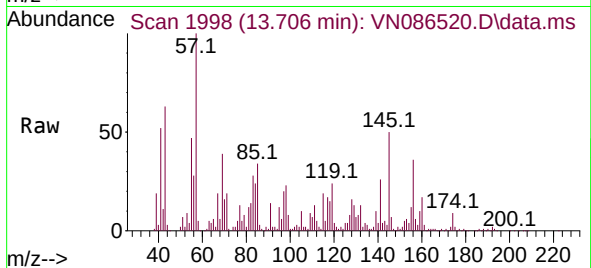
Tgt Ion:146 Resp: 25242

Ion Ratio Lower Upper

146 100

111 74.8 21.9 65.7#

148 0.4 31.9 95.5#



#88

1,4-Dichlorobenzene

Concen: 2.122 ug/l

RT: 13.906 min Scan# 2032

Delta R.T. 0.094 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

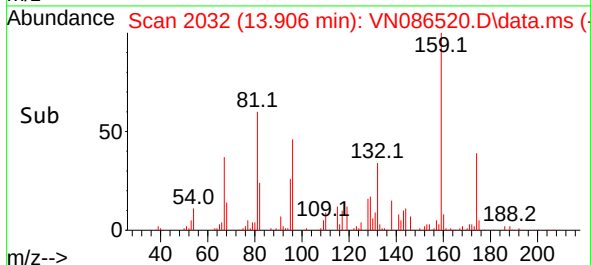
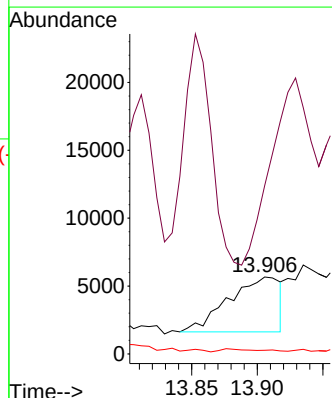
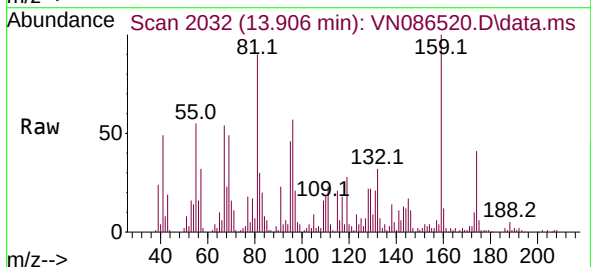
Tgt Ion:146 Resp: 11123

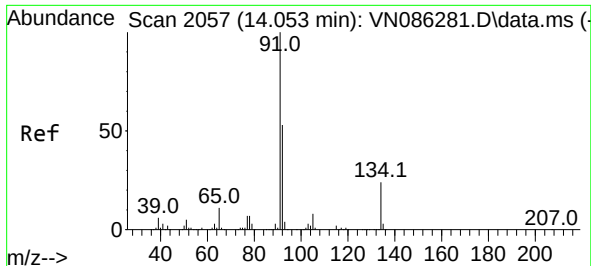
Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.9#

148 0.0 31.9 95.9#

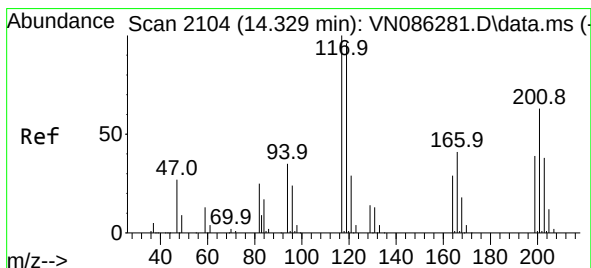
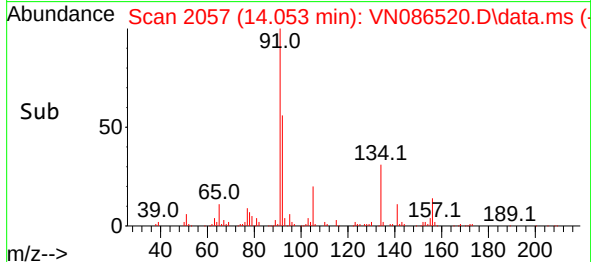
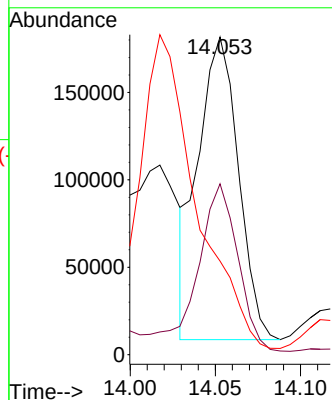
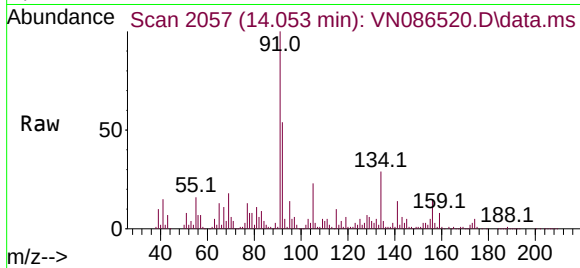




#89
n-Butylbenzene
Concen: 31.624 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

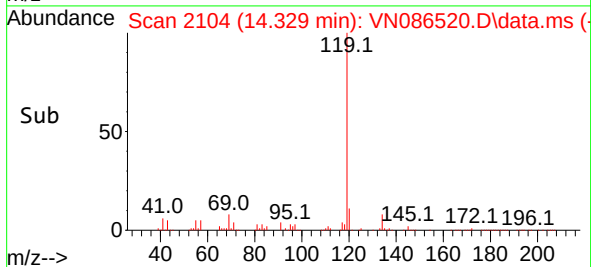
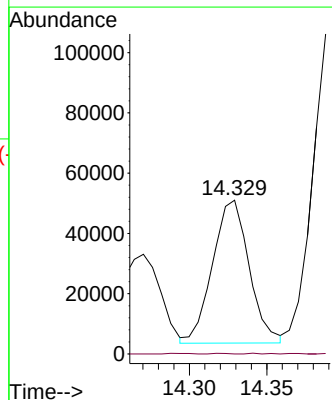
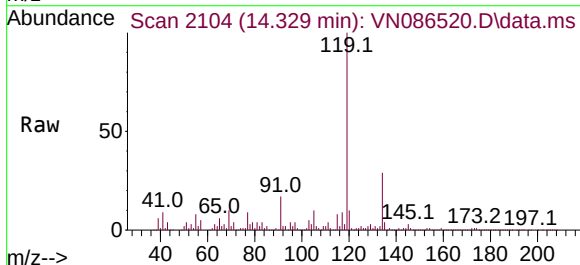
Instrument :
MSVOA_N
ClientSampleId :
SS-7

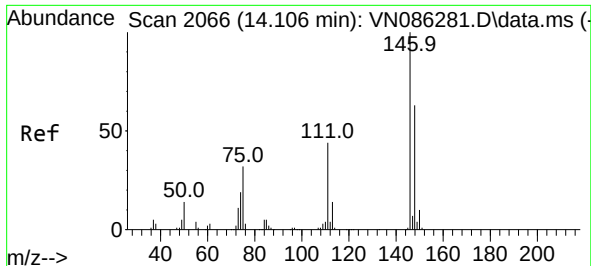
Tgt Ion: 91 Resp: 284019
Ion Ratio Lower Upper
91 100
92 55.4 26.8 80.4
134 0.0 12.2 36.6#



#90
Hexachloroethane
Concen: 45.691 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 117 Resp: 77872
Ion Ratio Lower Upper
117 100
201 0.2 31.4 94.2#





#91

1,2-Dichlorobenzene

Concen: 1.336 ug/l

RT: 14.141 min Scan# 2066

Delta R.T. 0.035 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

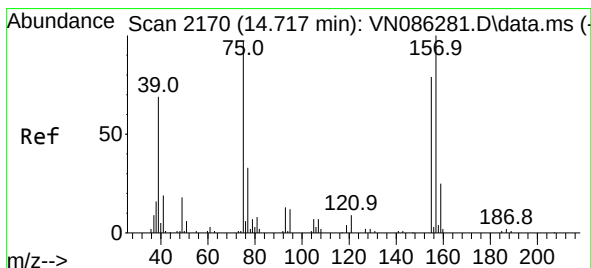
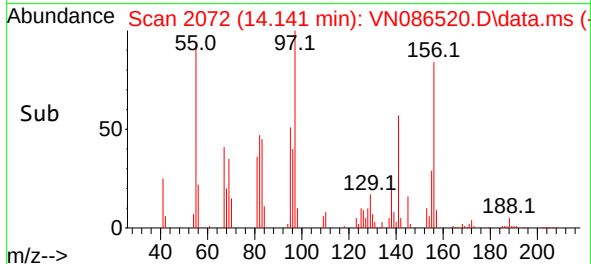
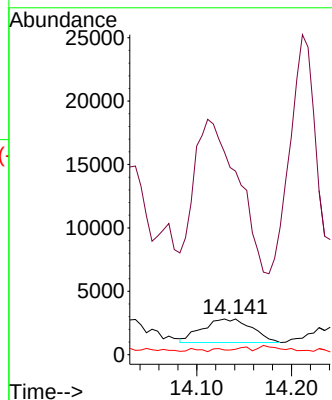
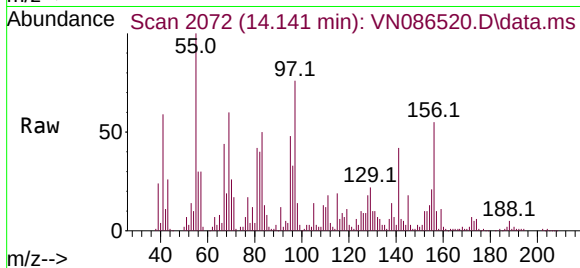
Tgt Ion:146 Resp: 6743

Ion Ratio Lower Upper

146 100

111 0.0 22.4 67.0#

148 0.0 31.8 95.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.774 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

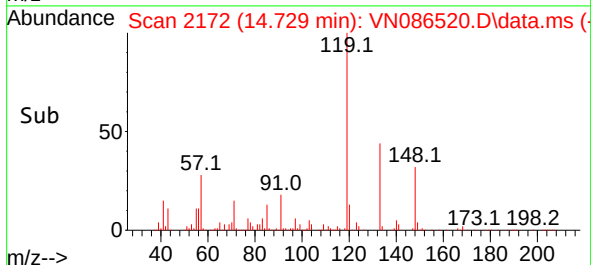
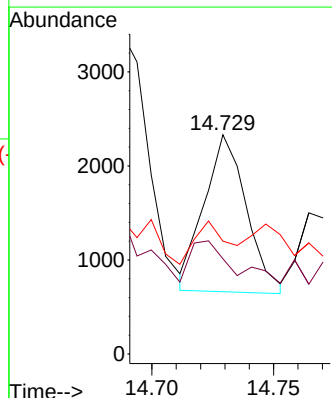
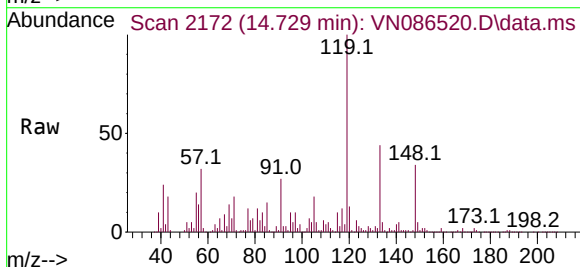
Tgt Ion: 75 Resp: 2010

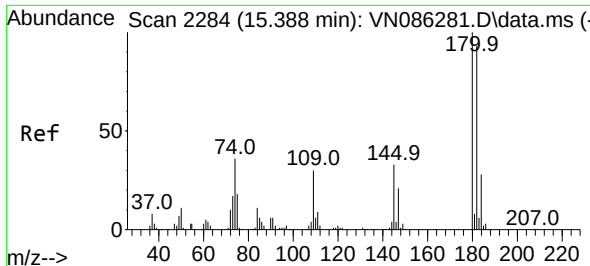
Ion Ratio Lower Upper

75 100

155 0.0 40.3 120.9#

157 0.0 49.0 147.2#

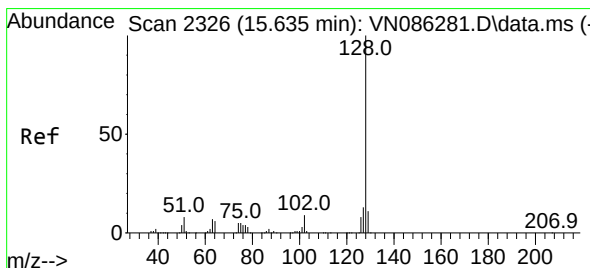
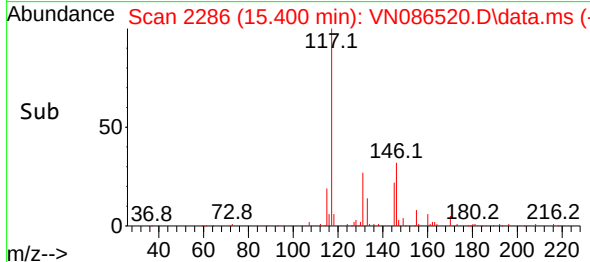
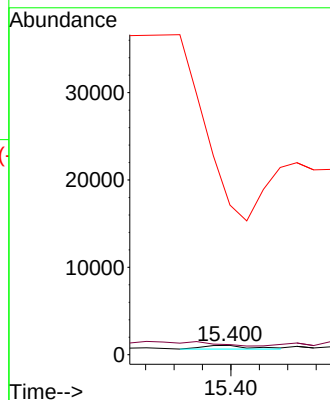
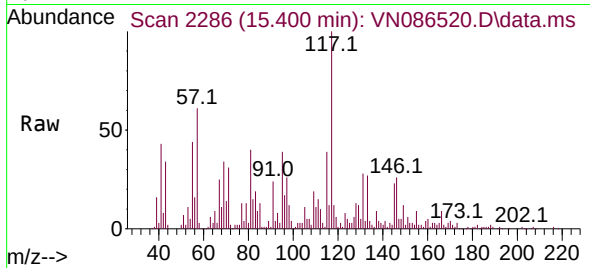




#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

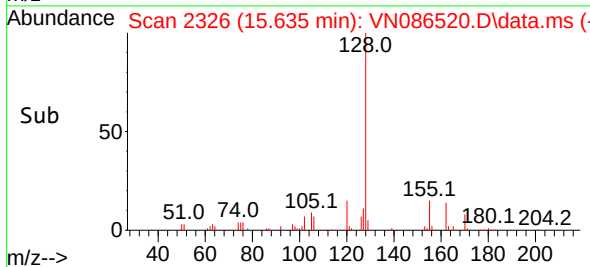
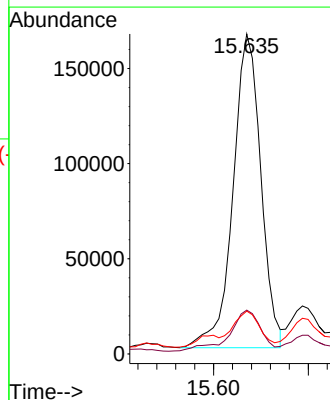
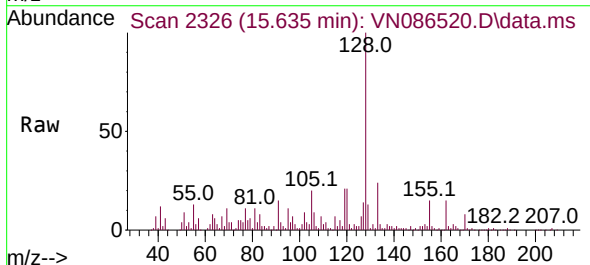
Instrument :
MSVOA_N
ClientSampleId :
SS-7

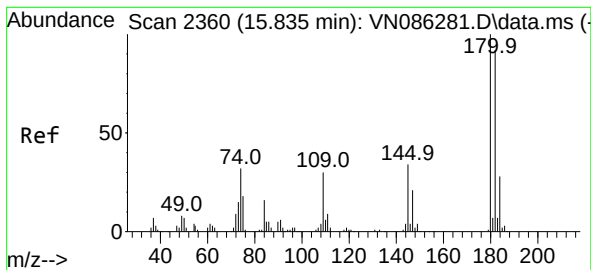
Tgt Ion:180 Resp: 518
Ion Ratio Lower Upper
180 100
182 0.0 47.0 141.0#
145 0.0 16.4 49.1#



#95
Naphthalene
Concen: 39.263 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

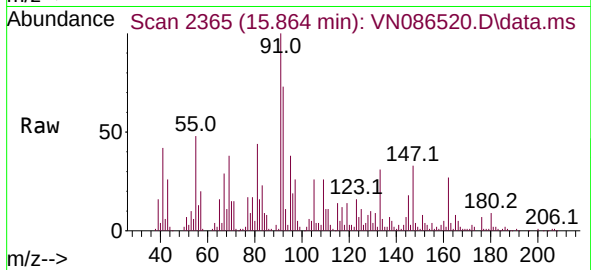
Tgt Ion:128 Resp: 336329
Ion Ratio Lower Upper
128 100
127 14.7 10.2 15.4
129 8.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 3.551 ug/l
 RT: 15.864 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7



Tgt Ion:180 Resp: 8125
 Ion Ratio Lower Upper
 180 100
 182 6.8 47.3 142.0#
 145 0.0 17.2 51.5#

