

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086318.D
 Acq On : 17 Apr 2025 13:41
 Operator : JC\MD
 Sample : Q1824-03
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 18 01:30:59 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	168935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	327555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	121770	49.708	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.420%
35) Dibromofluoromethane	8.159	113	66413	43.686	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	10.559	98	424872	52.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.847	95	154386	52.096	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.200%

Target Compounds			Qvalue			
3) Chloromethane	2.354	50	8797	3.023	ug/l	91
10) Methyl Iodide	4.559	142	3096	1.513	ug/l #	84
13) Acrolein	4.177	56	142	Below Cal	#	13
16) Acetone	4.448	43	1506	Below Cal	#	43
17) Carbon Disulfide	4.677	76	2769	0.465	ug/l #	74
18) Methyl Acetate	5.030	43	8029	2.730	ug/l #	74
20) Methylene Chloride	5.265	84	843	0.372	ug/l #	45
23) Vinyl Acetate	6.600	43	1537	0.286	ug/l #	71
25) 2-Butanone	7.477	43	978	0.641	ug/l #	48
29) Tetrahydrofuran	7.853	42	1211	1.188	ug/l #	65
31) Cyclohexane	8.241	56	54558	13.743	ug/l #	95
36) 1,1-Dichloropropene	8.212	75	14834	4.885	ug/l #	49
38) Carbon Tetrachloride	8.218	117	17249	5.965	ug/l #	16
39) Methylcyclohexane	9.594	83	64889	17.979	ug/l	91
40) Benzene	8.594	78	46594	4.789	ug/l	99
41) Methacrylonitrile	7.818	41	377	0.203	ug/l #	46
43) Isopropyl Acetate	8.694	43	12350	0.308	ug/l #	55
45) 1,2-Dichloropropane	9.583	63	696	0.292	ug/l #	1
47) Bromodichloromethane	9.865	83	1276	0.389	ug/l #	24
48) Methyl methacrylate	9.724	41	1487	0.530	ug/l #	41
51) 4-Methyl-2-Pentanone	10.488	43	6194	1.892	ug/l #	81
52) Toluene	10.624	92	463241	76.313	ug/l	100
53) t-1,3-Dichloropropene	10.624	75	5092	1.392	ug/l #	1
55) 1,1,2-Trichloroethane	11.006	97	17461	7.995	ug/l #	29
56) Ethyl methacrylate	10.859	69	1917	0.478	ug/l #	26
58) 2-Chloroethyl Vinyl ether	10.153	63	466	0.245	ug/l #	47
59) 2-Hexanone	11.165	43	22068	9.089	ug/l #	28
67) Ethyl Benzene	11.959	91	3463198	285.933	ug/l	100
68) m/p-Xylenes	12.065	106	5686871	1253.082	ug/l	96
69) o-Xylene	12.394	106	1592840	354.902	ug/l	99
70) Styrene	12.394	104	78604	10.511	ug/l #	1
71) Bromoform	12.847	173	719	0.431	ug/l #	1
73) Isopropylbenzene	12.694	105	94769	8.524	ug/l	99
74) N-amyl acetate	12.476	43	44103	7.968	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.923	83	1416	0.443	ug/l #	25
76) 1,2,3-Trichloropropane	13.094	75	7166	2.234	ug/l #	1

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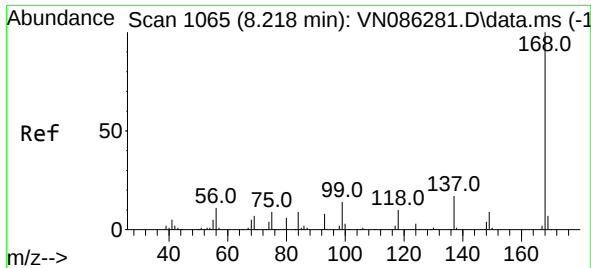
Instrument :
 MSVOA_N
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

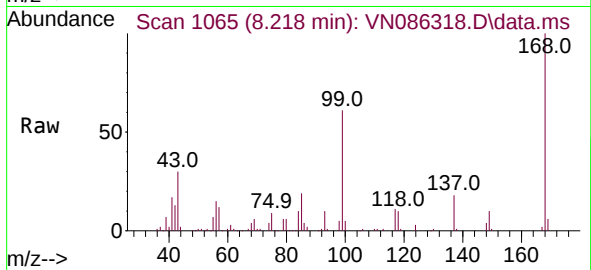
78) n-propylbenzene	13.035	91	297299	22.693	ug/l	99
79) 2-Chlorotoluene	13.094	91	96873	11.817	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.171	105	305008	33.519	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	74405	55.715	ug/l #	10
82) 4-Chlorotoluene	13.171	91	30646	3.763	ug/l #	46
83) tert-Butylbenzene	13.482	119	161339	20.463	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.482	105	1330474	143.642	ug/l	99
85) sec-Butylbenzene	13.612	105	51717	4.729	ug/l #	77
86) p-Isopropyltoluene	13.723	119	38515	4.273	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1207	0.261	ug/l #	71
88) 1,4-Dichlorobenzene	13.812	146	1604	0.344	ug/l #	1
89) n-Butylbenzene	14.053	91	162018	20.277	ug/l #	83
90) Hexachloroethane	14.329	117	46122	30.418	ug/l #	19
91) 1,2-Dichlorobenzene	14.112	146	1105	0.246	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.729	75	2223	3.449	ug/l #	36
93) 1,2,4-Trichlorobenzene	15.382	180	2498	1.162	ug/l #	33
94) Hexachlorobutadiene	15.500	225	1192	1.469	ug/l	82
95) Naphthalene	15.635	128	590948	77.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.806	180	4442	2.182	ug/l #	1

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

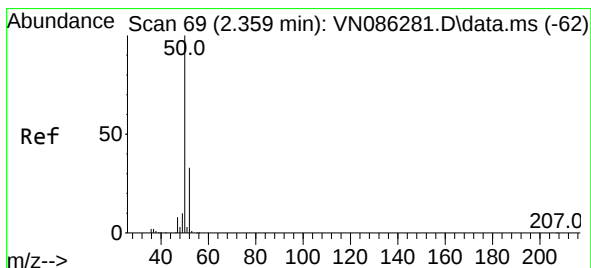
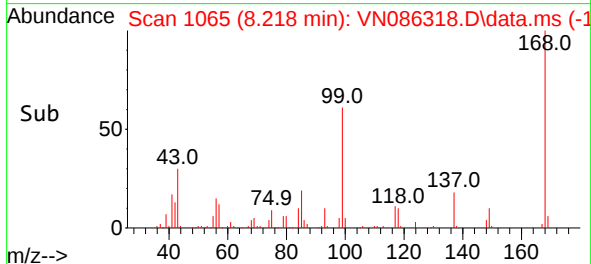
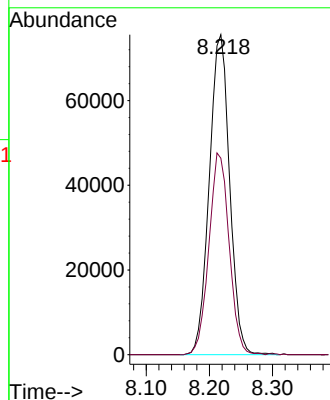


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086318.D
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ClientSampleId :

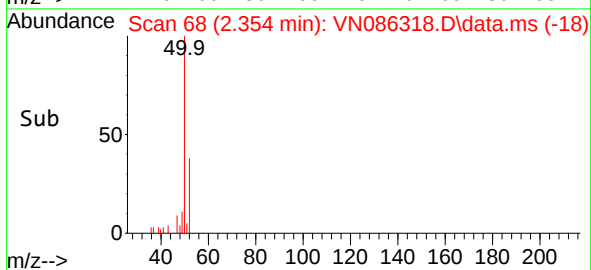
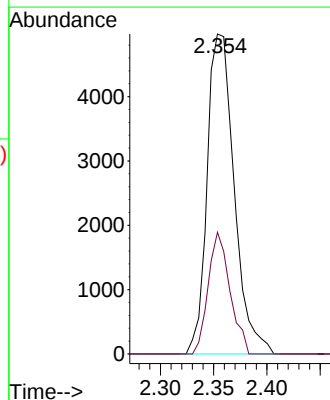
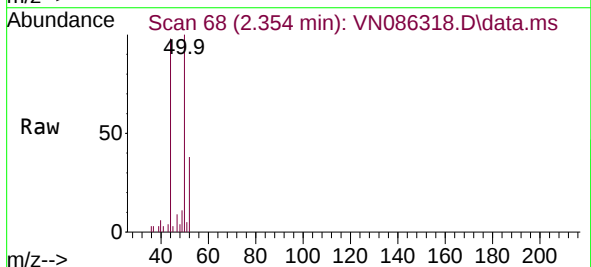


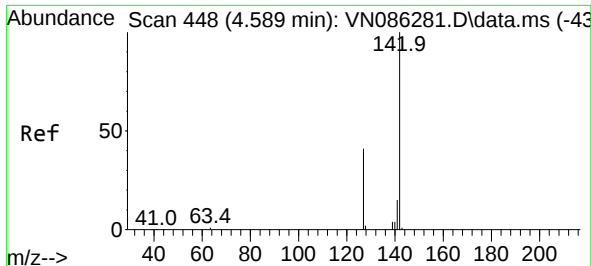
Tgt Ion:168 Resp: 168935
Ion Ratio Lower Upper
168 100
99 61.4 52.5 78.7



#3
Chloromethane
Concen: 3.023 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

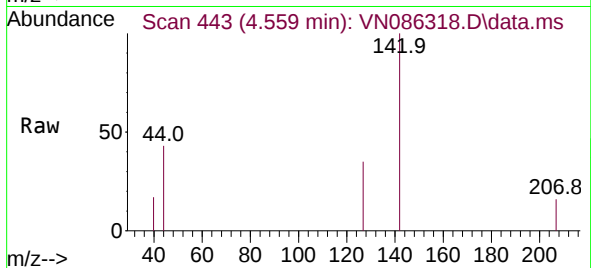
Tgt Ion: 50 Resp: 8797
Ion Ratio Lower Upper
50 100
52 38.1 26.5 39.7



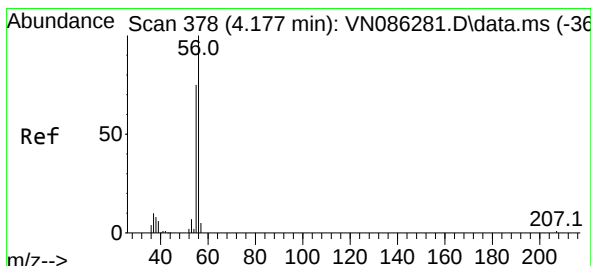
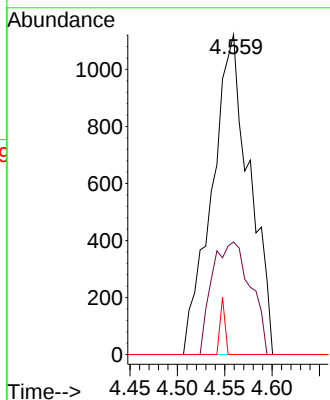
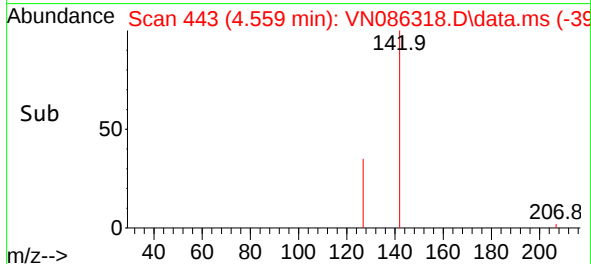


#10
Methyl Iodide
Concen: 1.513 ug/l
RT: 4.559 min Scan# 448
Delta R.T. -0.029 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Instrument :
MSVOA_N
ClientSampleId :

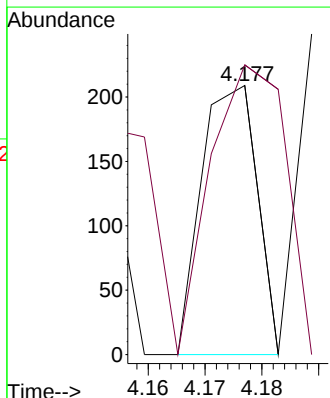
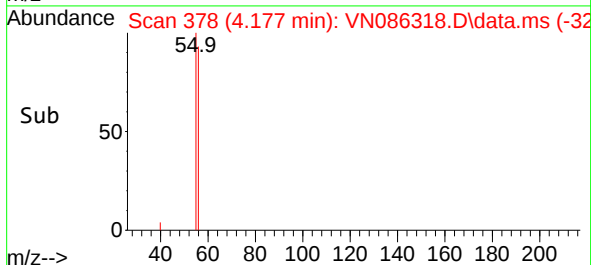
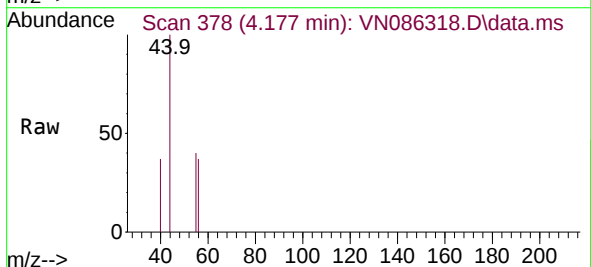


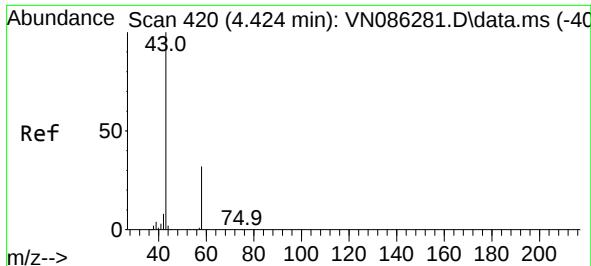
Tgt Ion:142 Resp: 3096
Ion Ratio Lower Upper
142 100
127 35.2 32.7 49.1
141 0.0 11.7 17.5#



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086318.D
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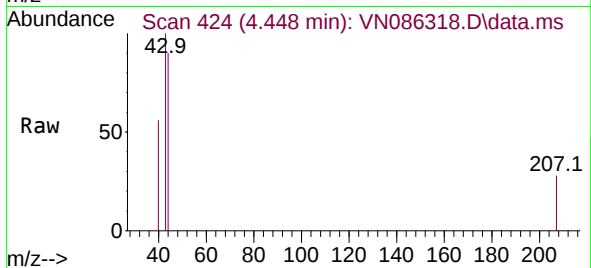
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 0.0 58.5 87.7#



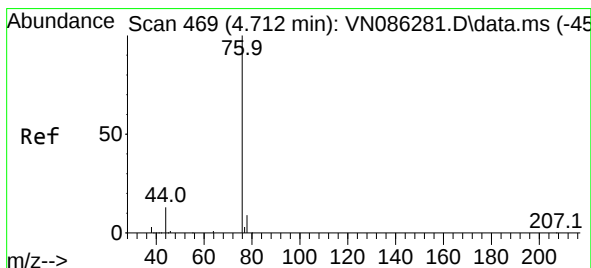
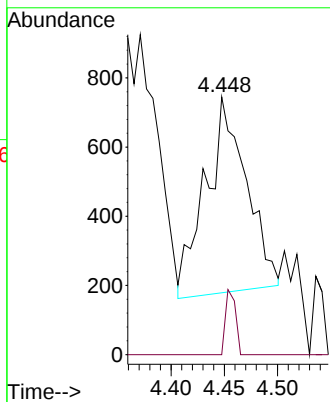
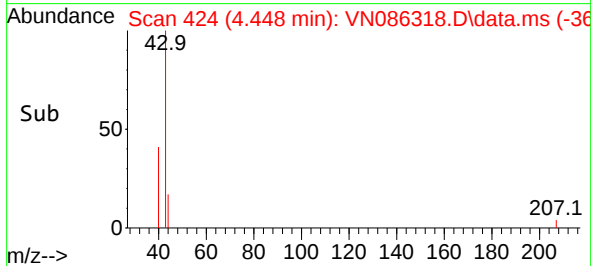


#16
Acetone
Concen: Below Cal
RT: 4.448 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

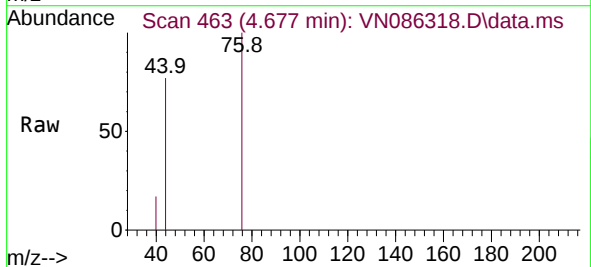
Instrument :
MSVOA_N
ClientSampleId :



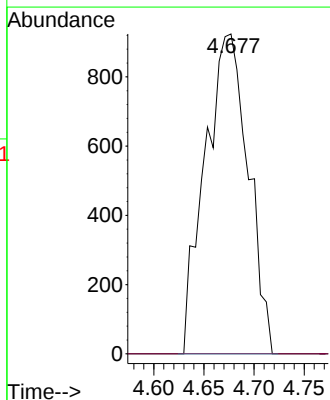
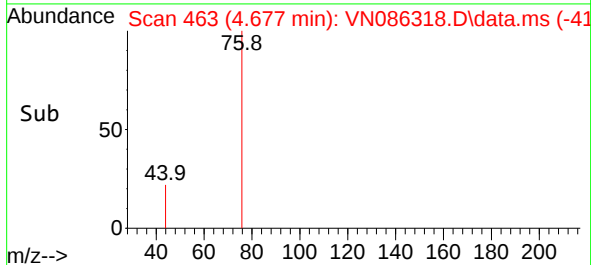
Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#

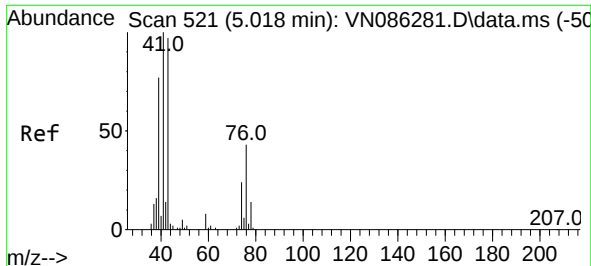


#17
Carbon Disulfide
Concen: 0.465 ug/l
RT: 4.677 min Scan# 463
Delta R.T. -0.035 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41



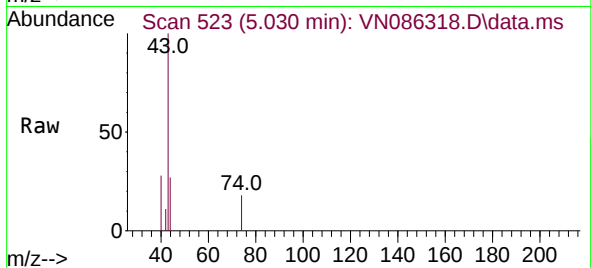
Tgt Ion: 76 Resp: 2769
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



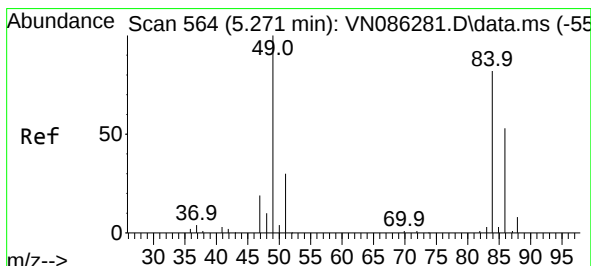
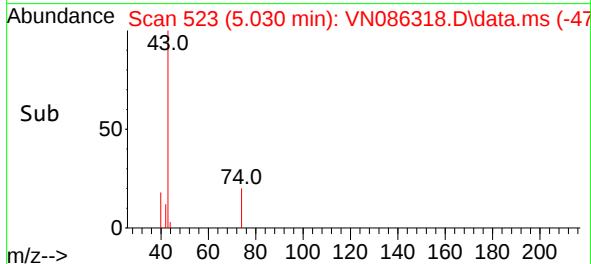
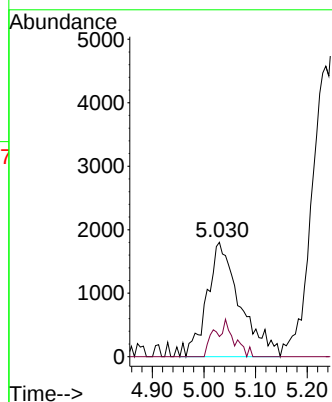


#18
Methyl Acetate
Concen: 2.730 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Instrument :
MSVOA_N
ClientSampleId :

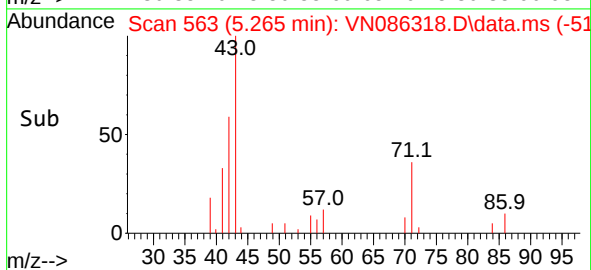
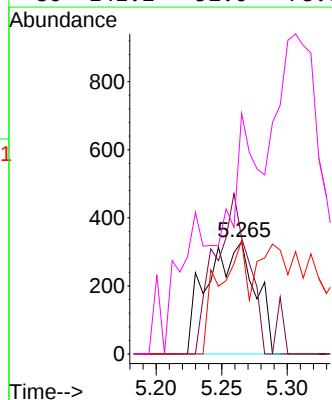
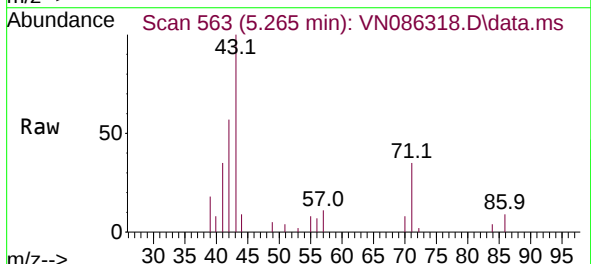


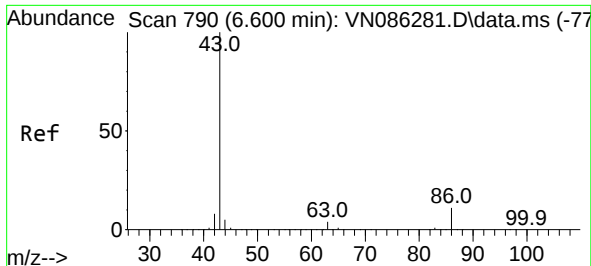
Tgt Ion: 43 Resp: 8029
Ion Ratio Lower Upper
43 100
74 11.6 19.8 29.6#



#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 84 Resp: 843
Ion Ratio Lower Upper
84 100
49 103.3 98.2 147.2
51 100.9 29.8 44.6#
86 141.2 52.0 78.0#

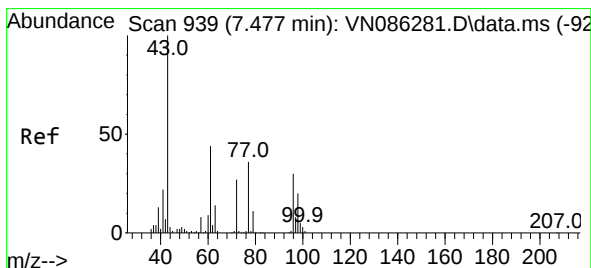
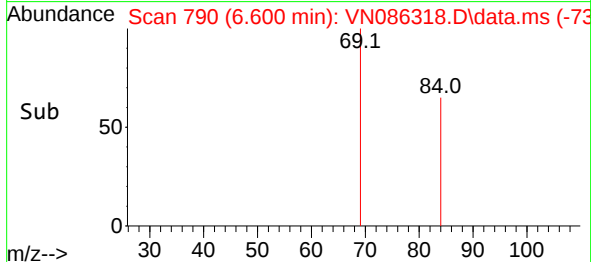
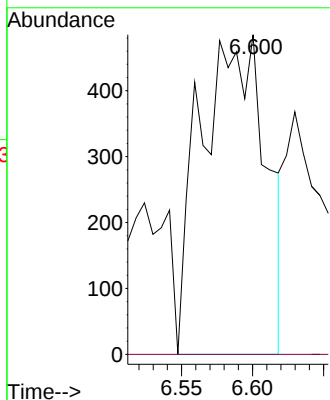
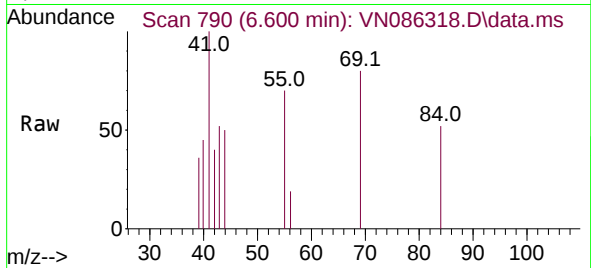




#23
Vinyl Acetate
Concen: 0.286 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

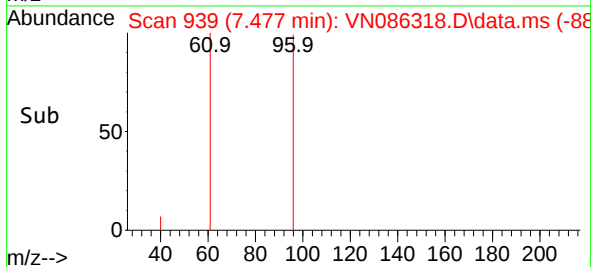
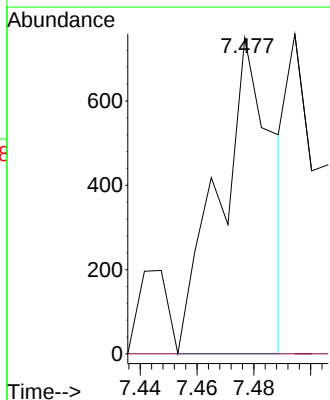
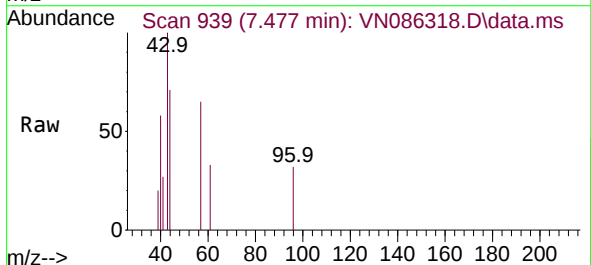
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MSVOA_N
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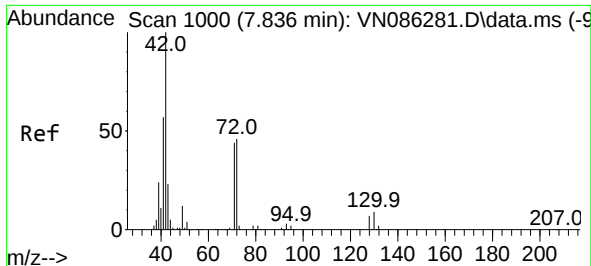
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#



#25
2-Butanone
Concen: 0.641 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#29

Tetrahydrofuran

Concen: 1.188 ug/l

RT: 7.853 min Scan# 1069

Delta R.T. 0.018 min

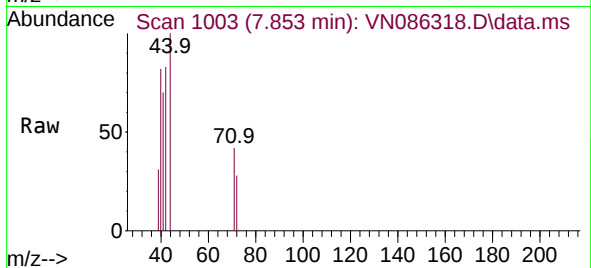
Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

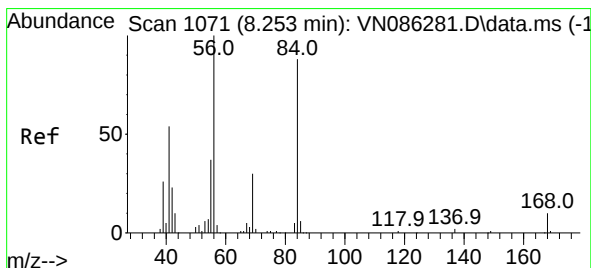
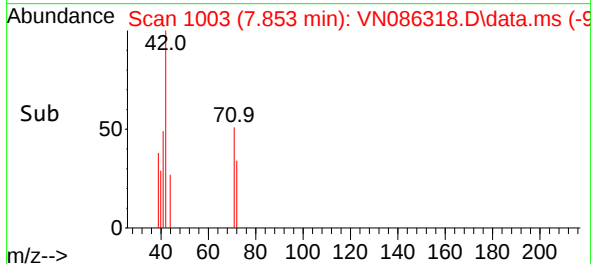
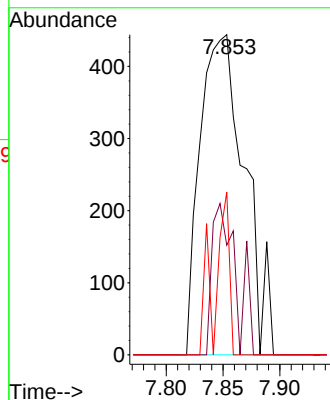
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	1211
Ion	Ratio	Lower	Upper
42	100		
72	25.5	36.2	54.4#
71	16.7	34.0	51.0#



#31

Cyclohexane

Concen: 13.743 ug/l

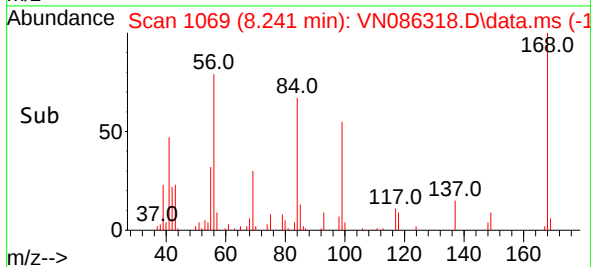
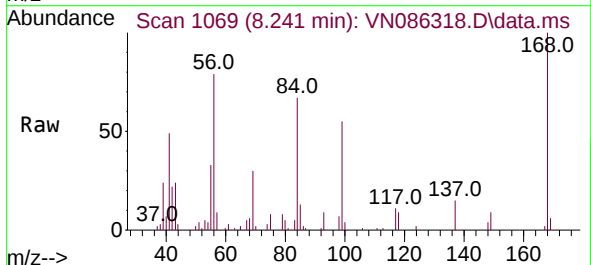
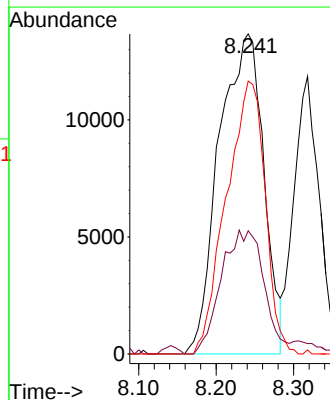
RT: 8.241 min Scan# 1069

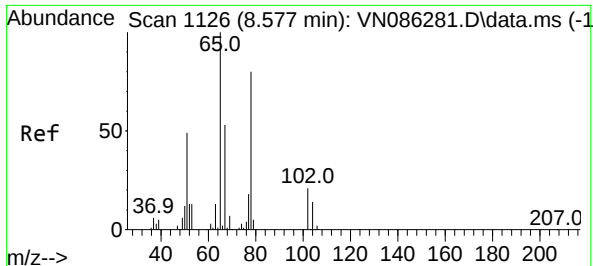
Delta R.T. -0.012 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Tgt Ion:	56	Resp:	54558
Ion	Ratio	Lower	Upper
56	100		
69	37.4	24.2	36.2#
84	85.3	70.3	105.5





#33

1,2-Dichloroethane-d4

Concen: 49.708 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_N

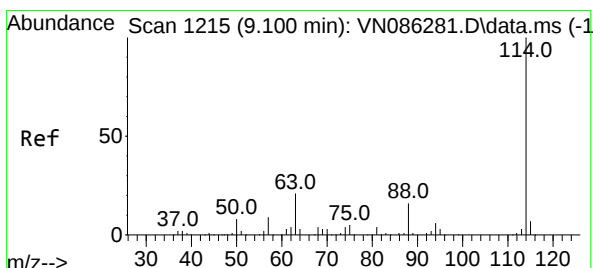
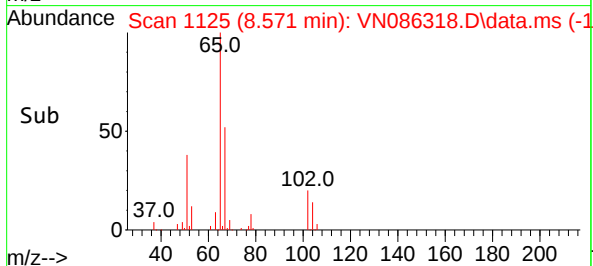
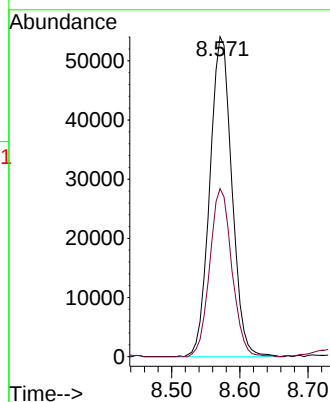
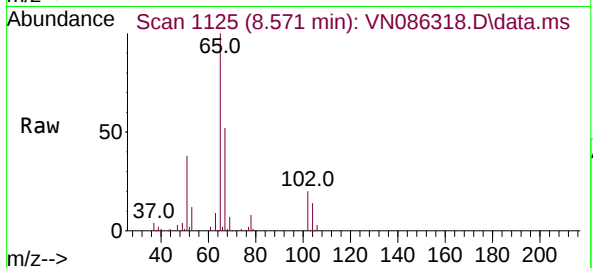
ClientSampleId :

Tgt Ion: 65 Resp: 121770

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# 1214

Delta R.T. -0.006 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

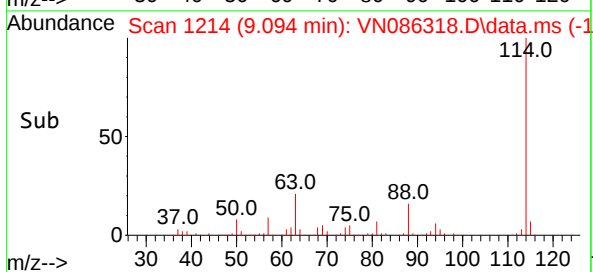
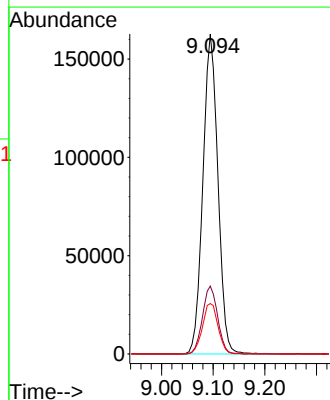
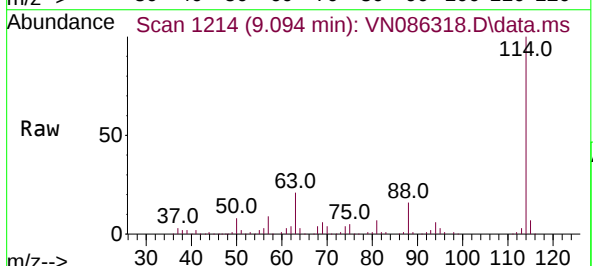
Tgt Ion: 114 Resp: 327555

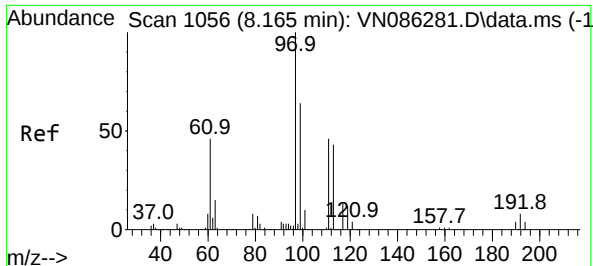
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.686 ug/l

RT: 8.159 min Scan# 1064

Delta R.T. -0.006 min

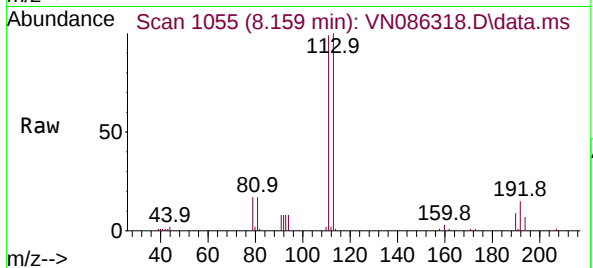
Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_N

ClientSampleId :



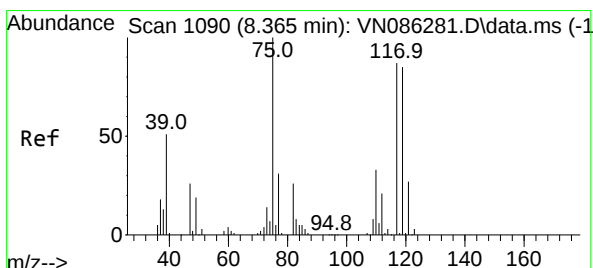
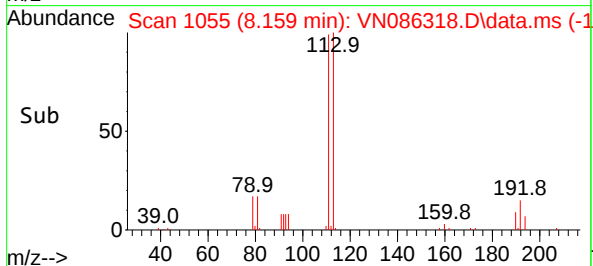
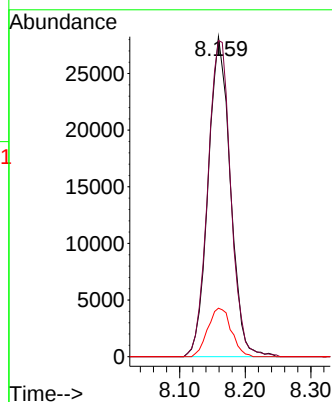
Tgt Ion:113 Resp: 66413

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

192 16.0 13.7 20.5



#36

1,1-Dichloropropene

Concen: 4.885 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.153 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

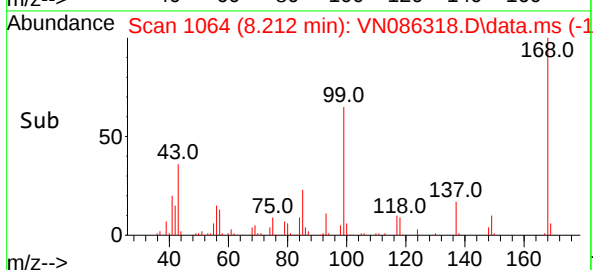
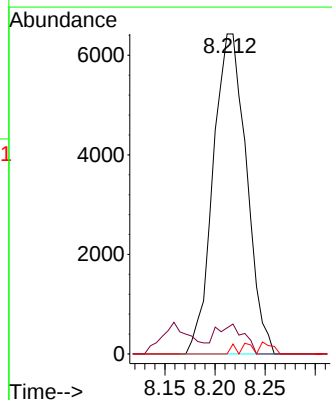
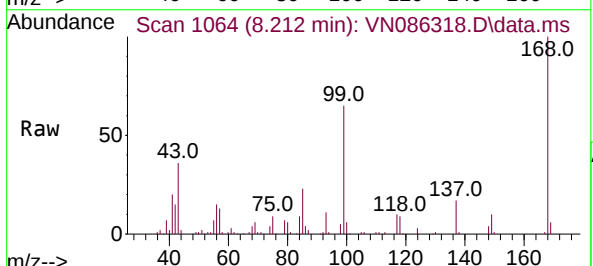
Tgt Ion: 75 Resp: 14834

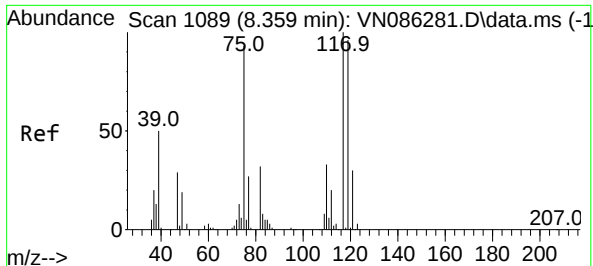
Ion Ratio Lower Upper

75 100

110 7.6 16.8 50.4#

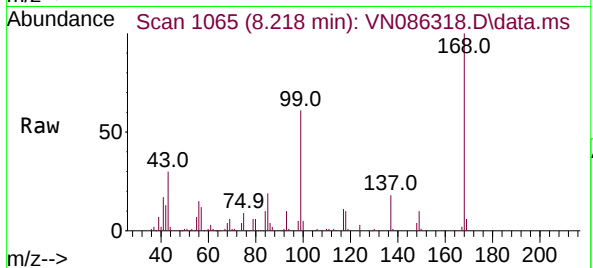
77 0.0 24.9 37.3#



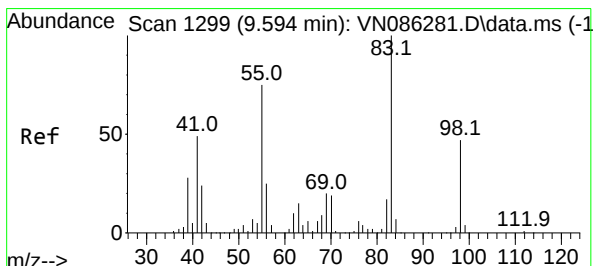
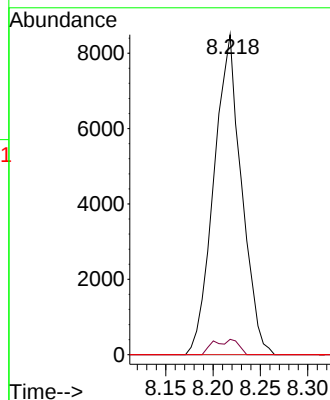
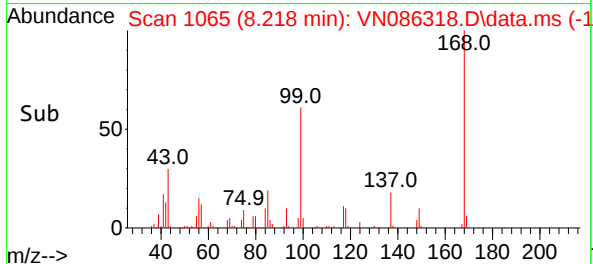


#38
Carbon Tetrachloride
Concen: 5.965 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Instrument :
MSVOA_N
ClientSampleId :

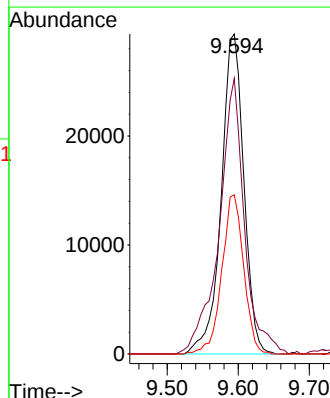
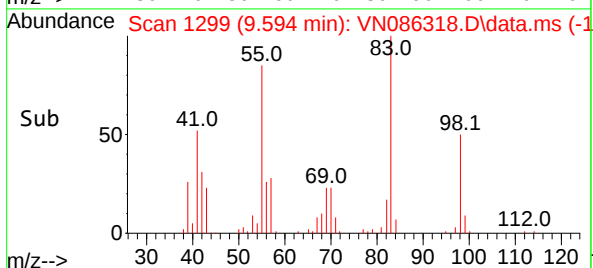
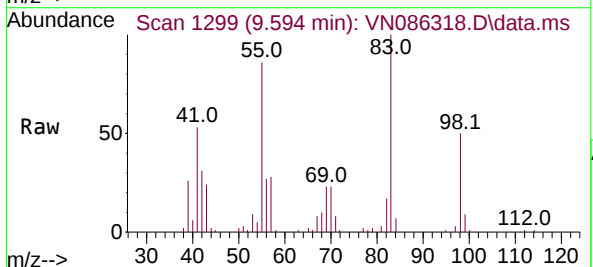


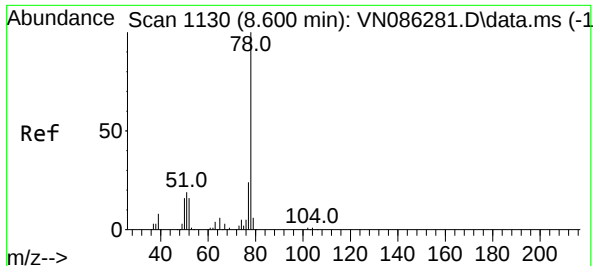
Tgt Ion:117 Resp: 17249
Ion Ratio Lower Upper
117 100
119 4.8 76.8 115.2#
121 0.0 23.8 35.8#



#39
Methylcyclohexane
Concen: 17.979 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 83 Resp: 64889
Ion Ratio Lower Upper
83 100
55 85.4 59.8 89.8
98 49.8 37.9 56.9

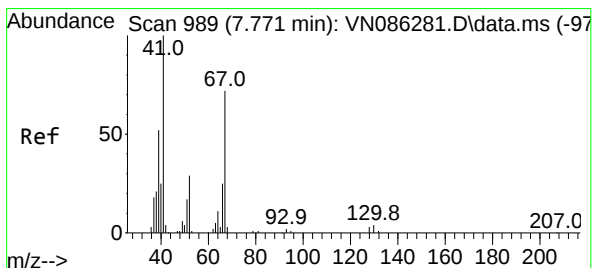
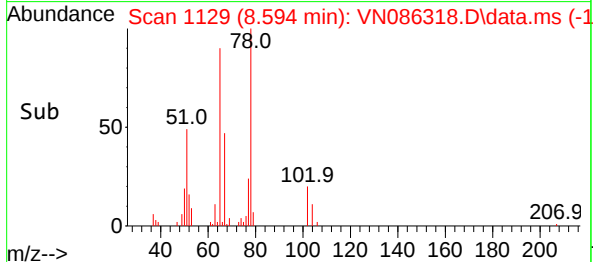
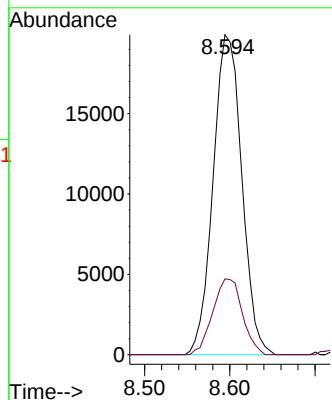
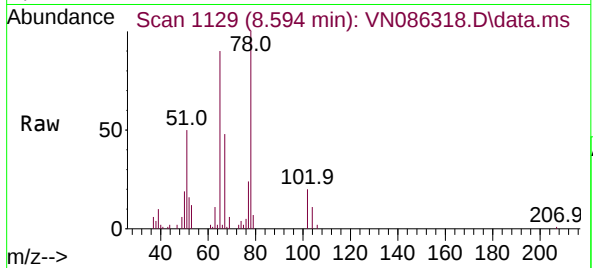




#40
Benzene
Concen: 4.789 ug/l
RT: 8.594 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

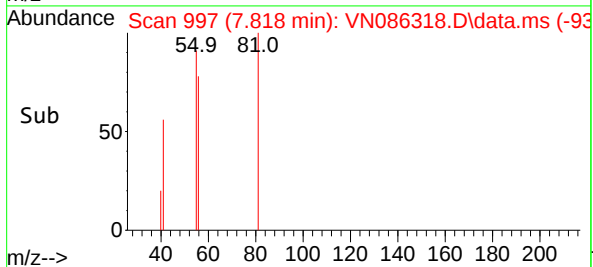
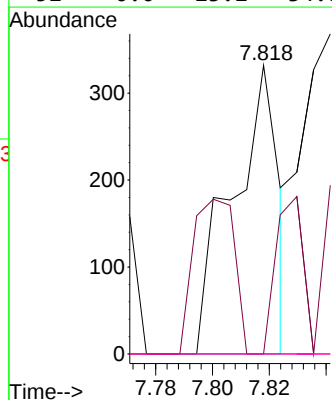
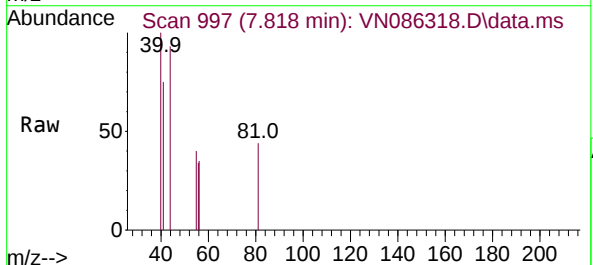
Instrument :
MSVOA_N
ClientSampleId :

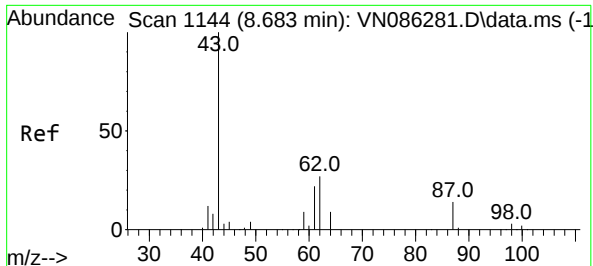
Tgt Ion: 78 Resp: 46594
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2



#41
Methacrylonitrile
Concen: 0.203 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.047 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 41 Resp: 377
Ion Ratio Lower Upper
41 100
39 47.5 43.0 64.4
67 0.0 58.8 88.2#
52 0.0 23.2 34.8#

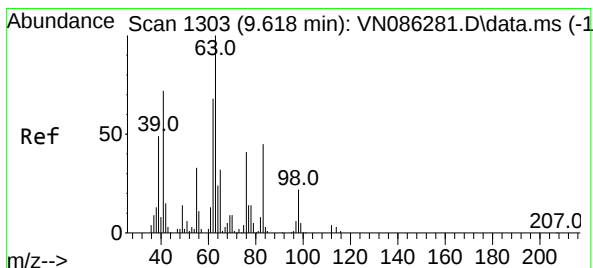
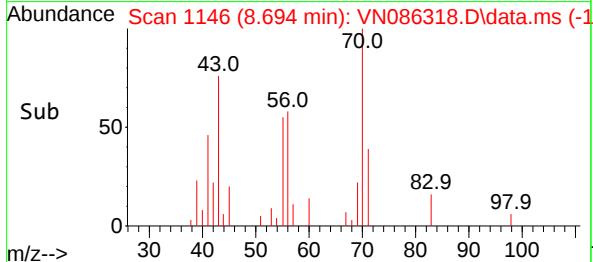
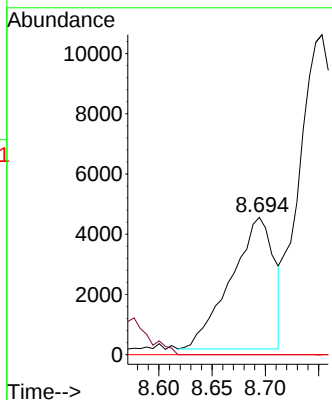
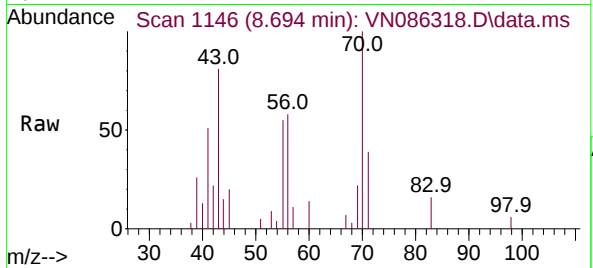




#43
Isopropyl Acetate
Concen: 0.308 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.011 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

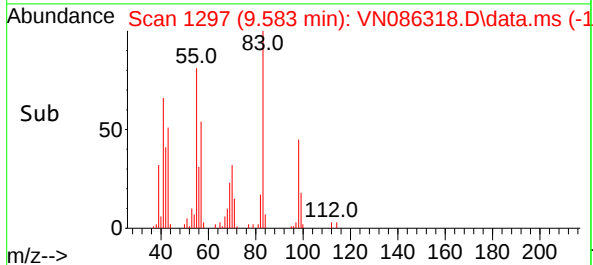
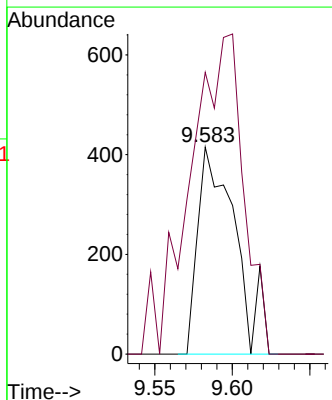
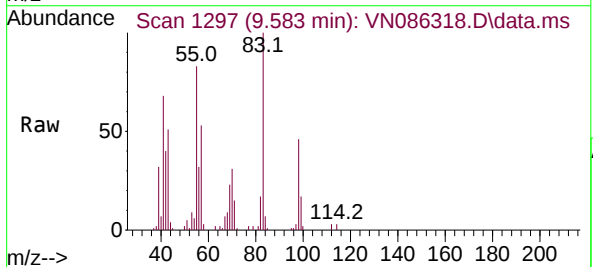
Instrument :
MSVOA_N
ClientSampleId :

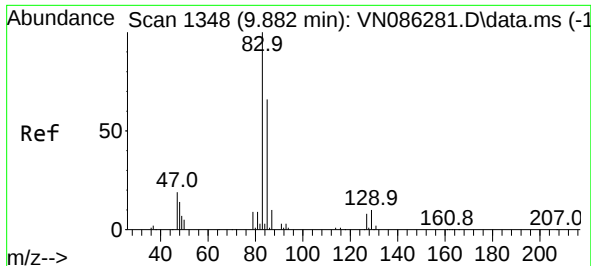
Tgt Ion: 43 Resp: 12350
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#45
1,2-Dichloropropane
Concen: 0.292 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. -0.035 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

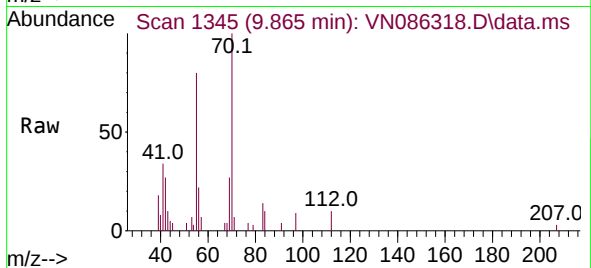
Tgt Ion: 63 Resp: 696
Ion Ratio Lower Upper
63 100
65 136.1 25.4 38.2#



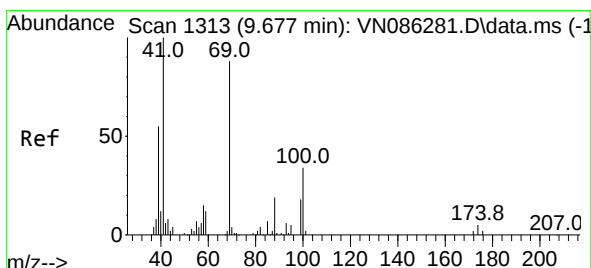
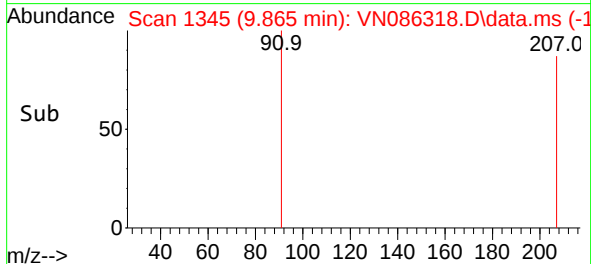
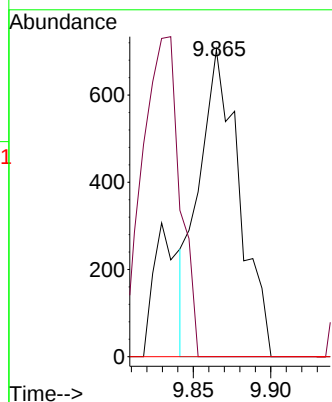


#47
Bromodichloromethane
Concen: 0.389 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Instrument :
MSVOA_N
ClientSampleId :

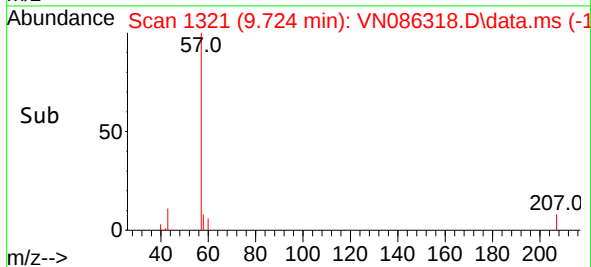
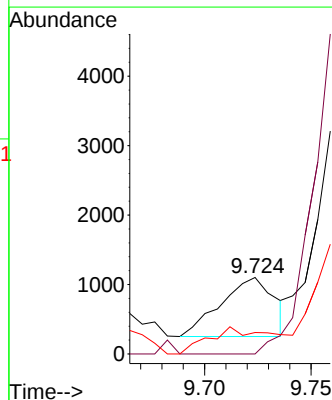
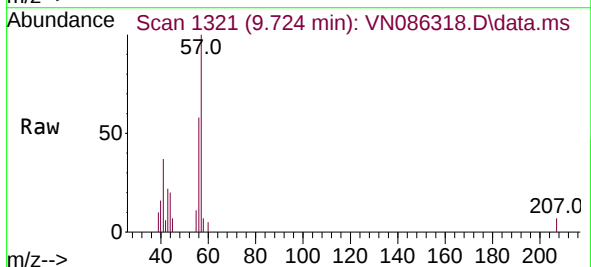


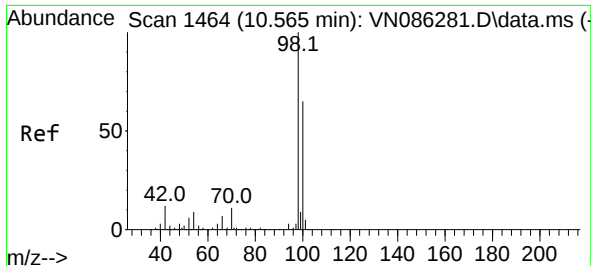
Tgt Ion: 83 Resp: 1276
Ion Ratio Lower Upper
83 100
85 0.0 52.6 78.8#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 0.530 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. 0.047 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 41 Resp: 1487
Ion Ratio Lower Upper
41 100
69 0.0 68.2 102.2#
39 51.0 45.2 67.8

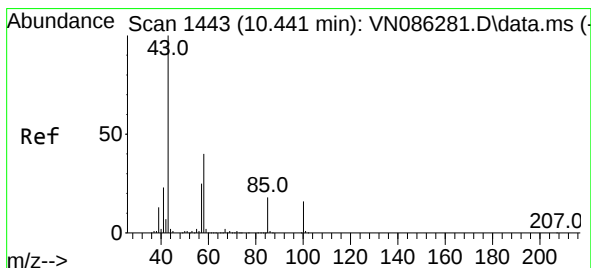
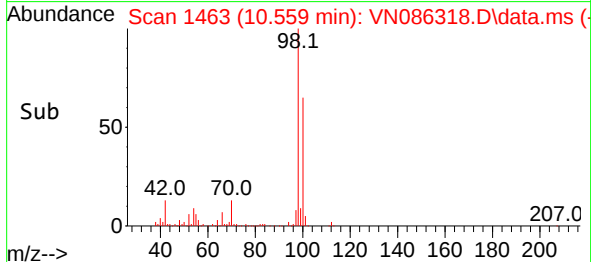
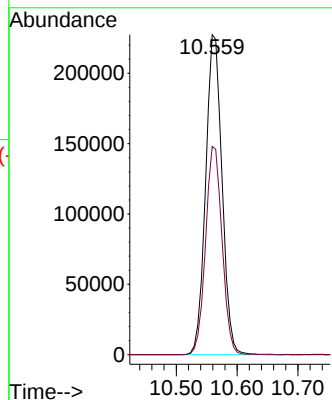
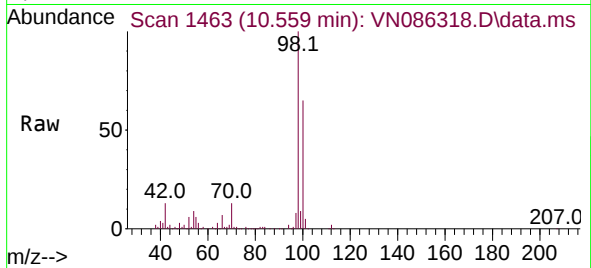




#50
Toluene-d8
Concen: 52.293 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

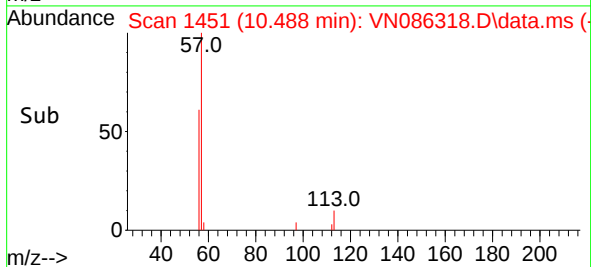
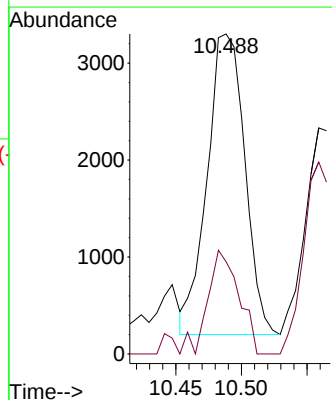
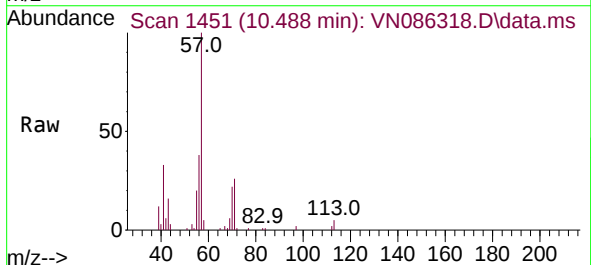
Instrument :
MSVOA_N
ClientSampleId :

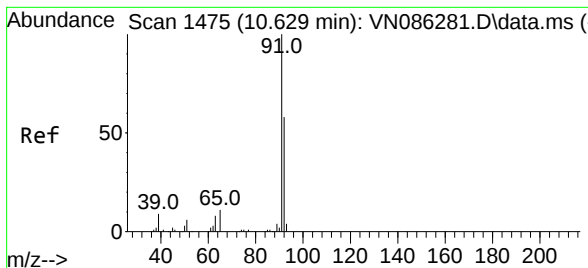
Tgt Ion: 98 Resp: 424872
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.892 ug/l
RT: 10.488 min Scan# 1451
Delta R.T. 0.047 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 43 Resp: 6194
Ion Ratio Lower Upper
43 100
58 28.6 32.2 48.4#





#52

Toluene

Concen: 76.313 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_N

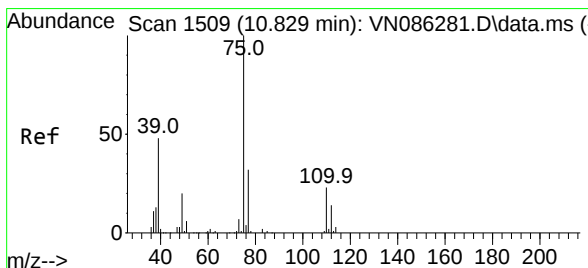
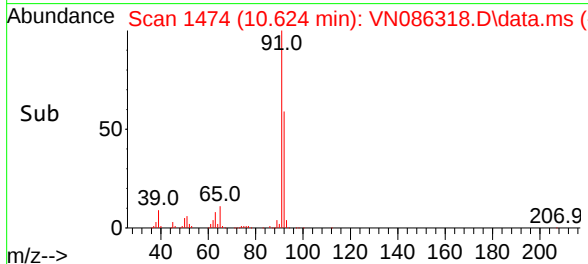
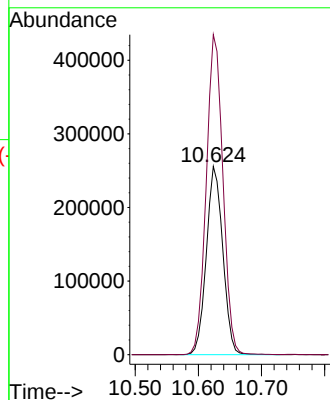
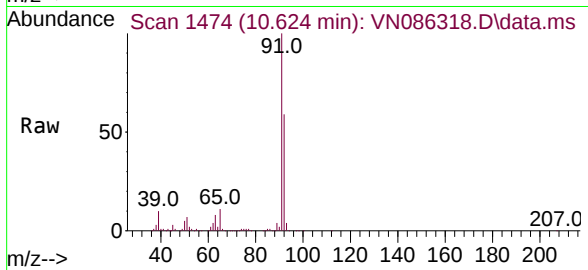
ClientSampleId :

Tgt Ion: 92 Resp: 463241

Ion Ratio Lower Upper

92 100

91 172.0 137.3 205.9



#53

t-1,3-Dichloropropene

Concen: 1.392 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.206 min

Lab File: VN086318.D

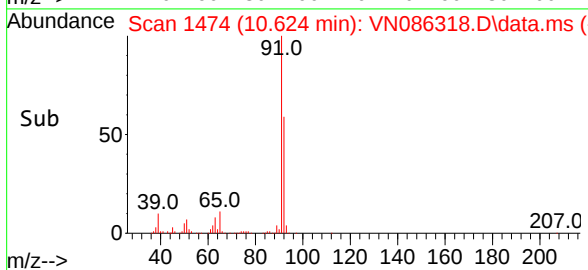
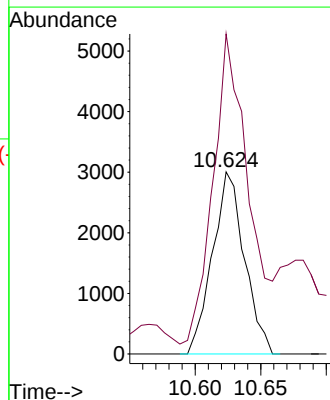
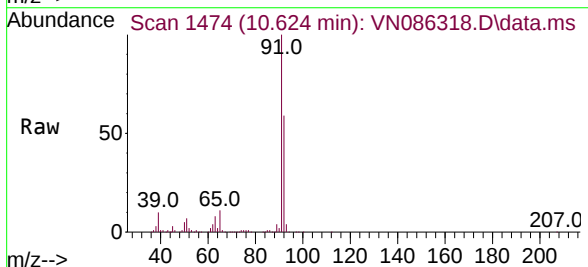
Acq: 17 Apr 2025 13:41

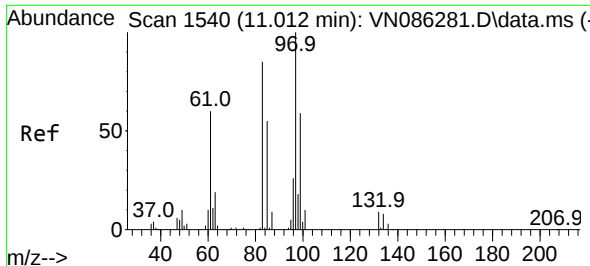
Tgt Ion: 75 Resp: 5092

Ion Ratio Lower Upper

75 100

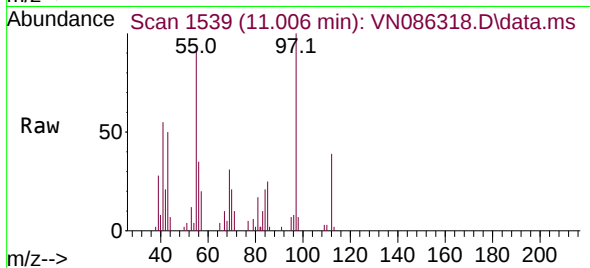
77 170.2 25.4 38.0#



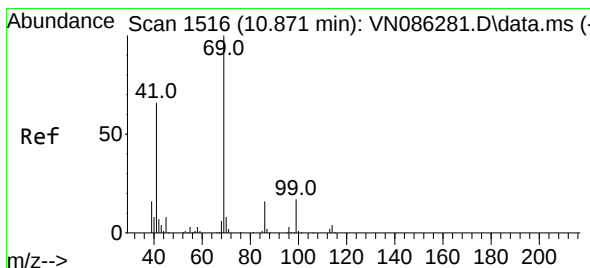
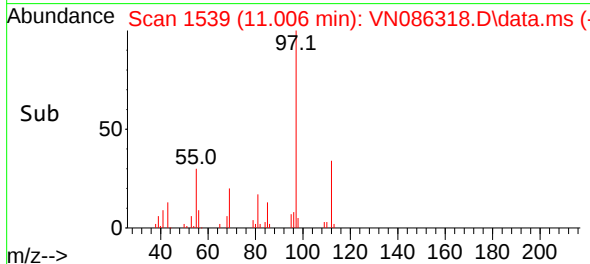
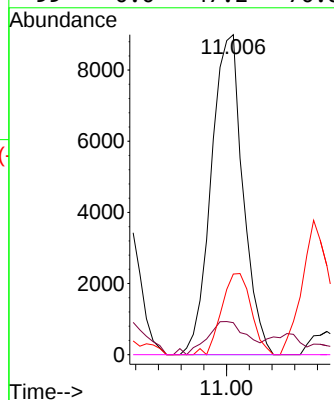


#55
1,1,2-Trichloroethane
Concen: 7.995 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Instrument :
MSVOA_N
ClientSampleId :

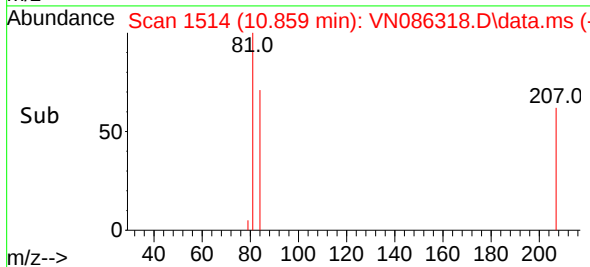
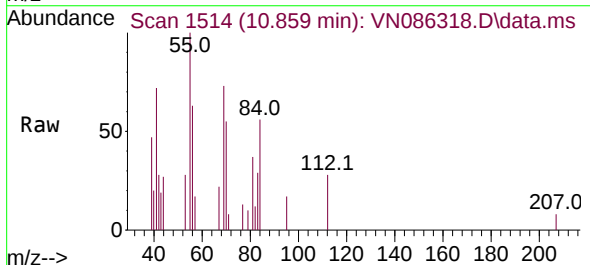
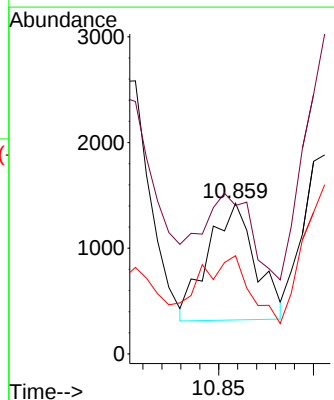


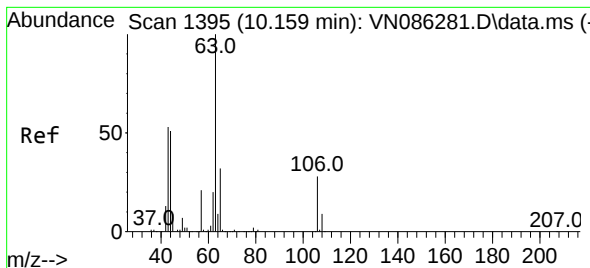
Tgt Ion: 97 Resp: 17461
Ion Ratio Lower Upper
97 100
83 8.1 68.4 102.6#
85 25.2 43.9 65.9#
99 0.0 47.2 70.8#



#56
Ethyl methacrylate
Concen: 0.478 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.012 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 69 Resp: 1917
Ion Ratio Lower Upper
69 100
41 0.0 51.7 77.5#
39 0.0 26.3 39.5#

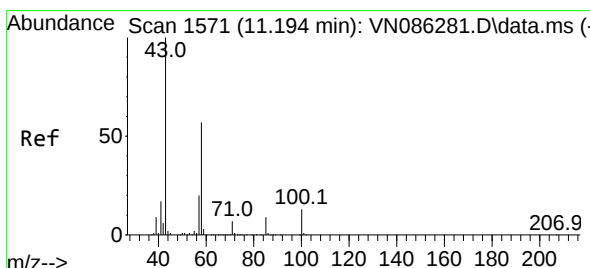
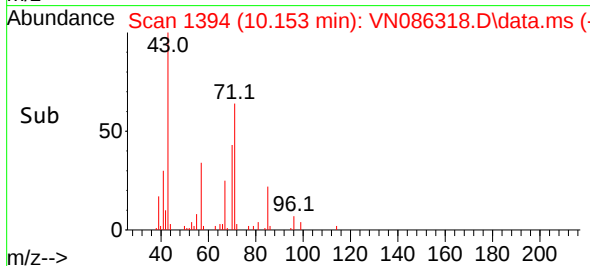
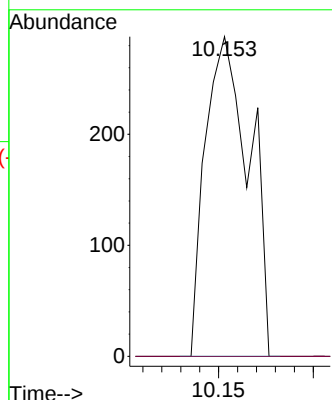
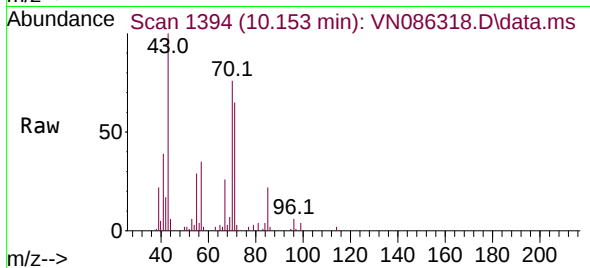




#58
2-Chloroethyl Vinyl ether
Concen: 0.245 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

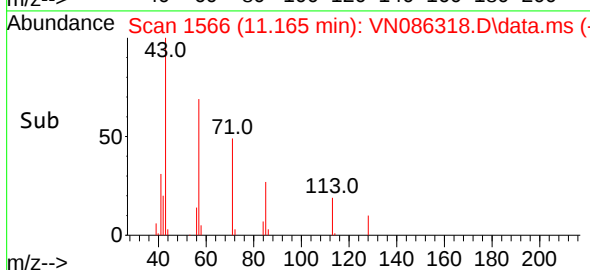
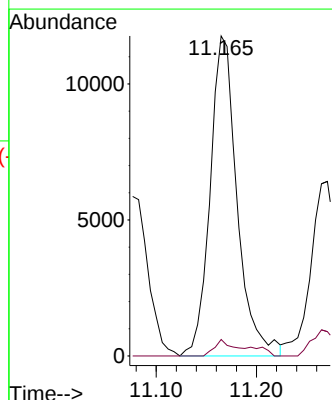
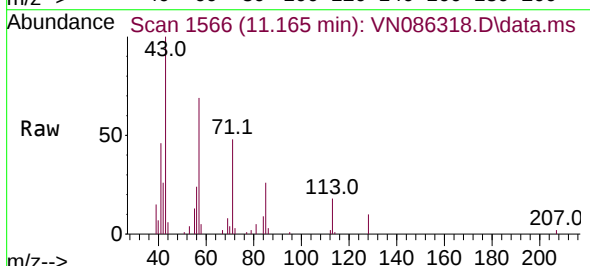
Instrument :
MSVOA_N
ClientSampleId :

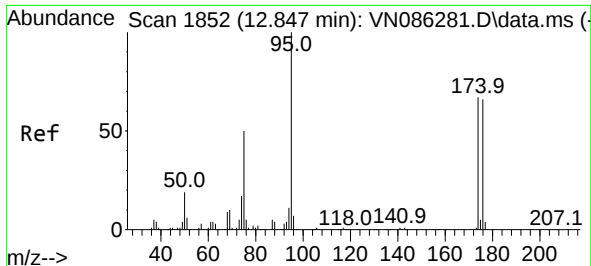
Tgt Ion: 63 Resp: 466
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 9.089 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.029 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 43 Resp: 22068
Ion Ratio Lower Upper
43 100
58 3.8 28.3 85.0#

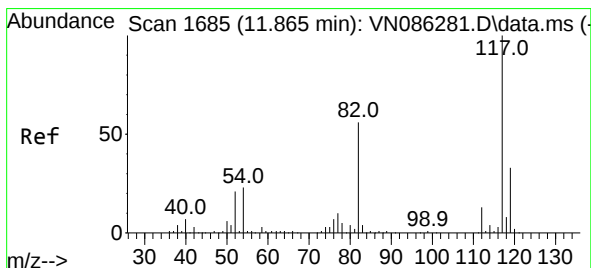
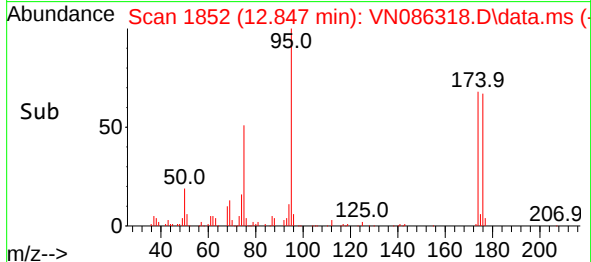
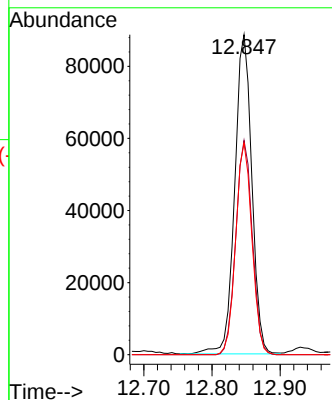
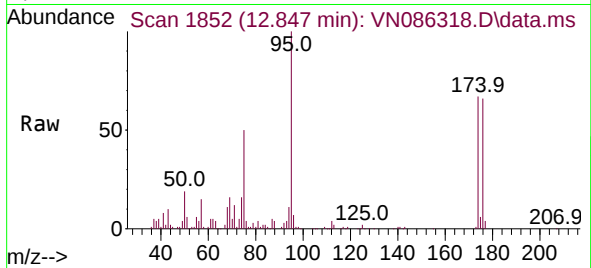




#62
4-Bromofluorobenzene
Concen: 52.096 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

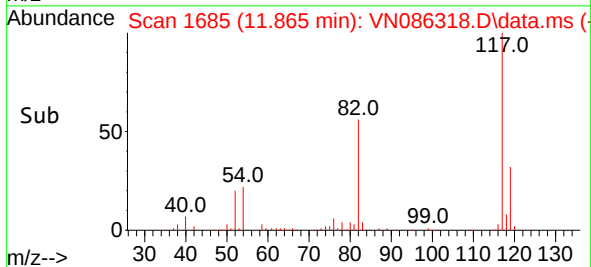
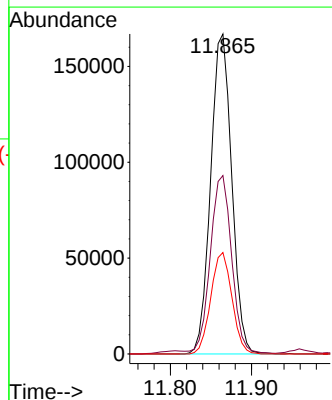
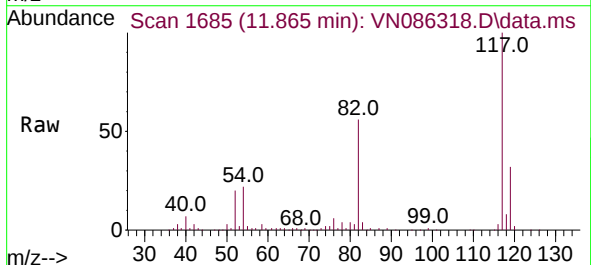
Instrument :
MSVOA_N
ClientSampleId :

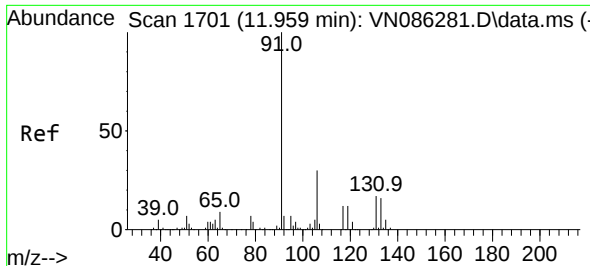
Tgt Ion: 95 Resp: 154386
Ion Ratio Lower Upper
95 100
174 65.0 0.0 133.4
176 63.1 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 117 Resp: 300762
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 31.7 26.4 39.6

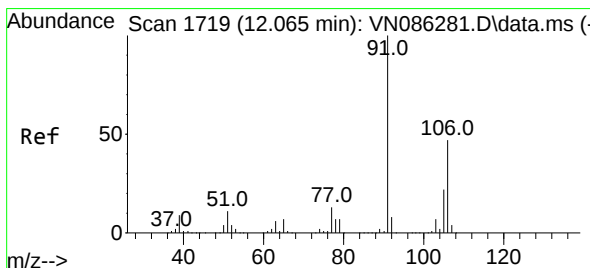
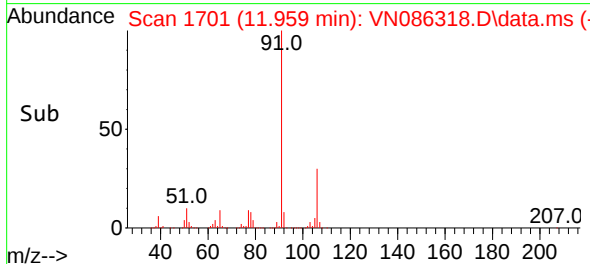
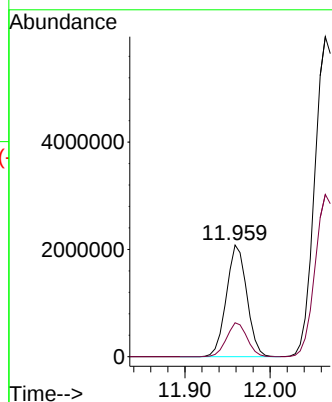
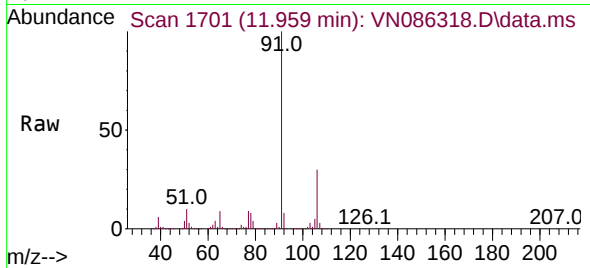




#67
Ethyl Benzene
Concen: 285.933 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

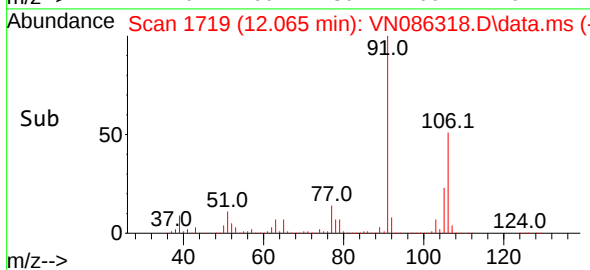
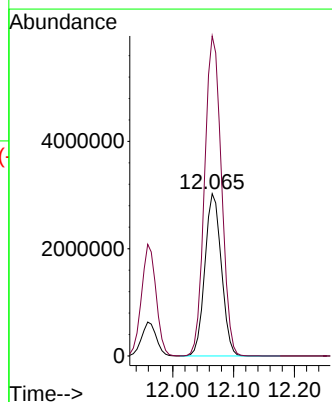
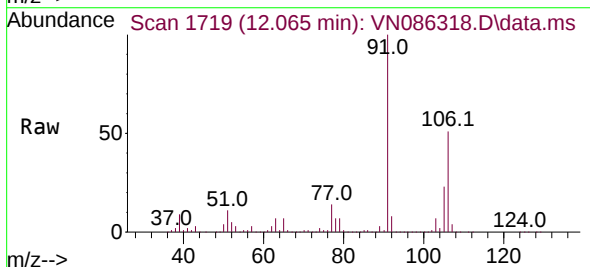
Instrument :
MSVOA_N
ClientSampleId :

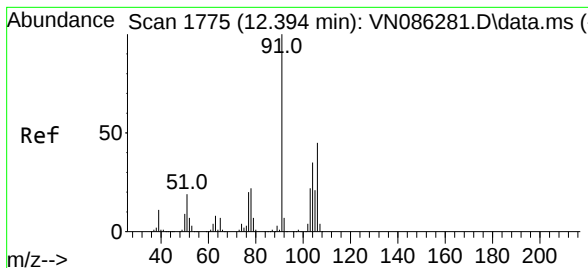
Tgt Ion: 91 Resp: 3463198
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 1253.082 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion:106 Resp: 5686871
Ion Ratio Lower Upper
106 100
91 201.5 166.5 249.7

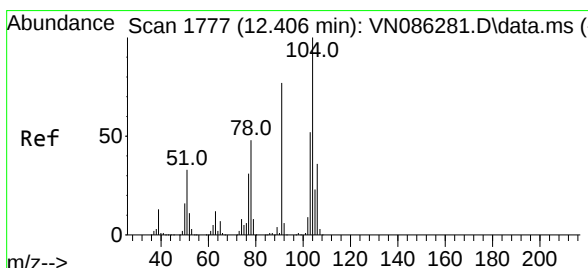
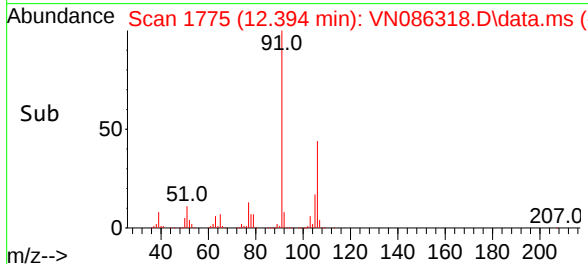
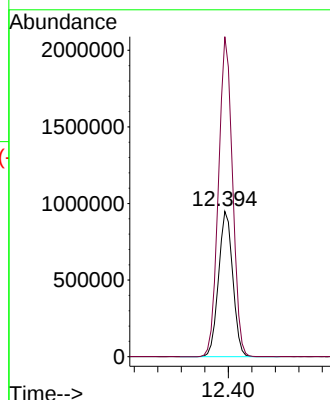
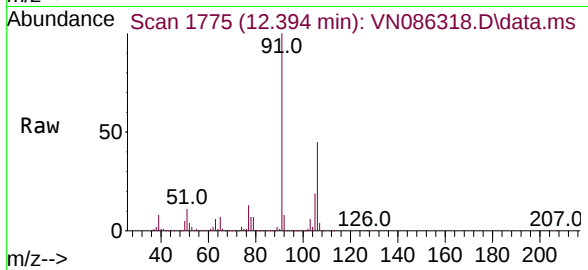




#69
o-Xylene
Concen: 354.902 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

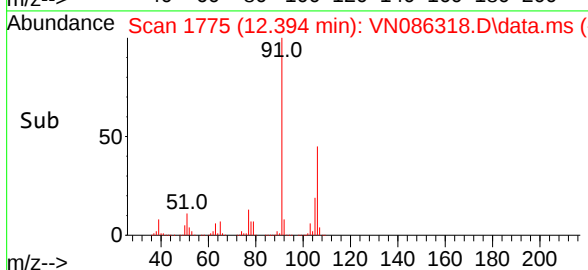
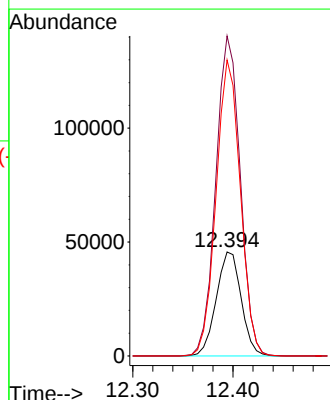
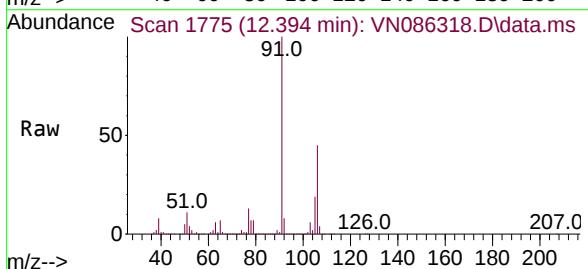
Instrument :
MSVOA_N
ClientSampleId :

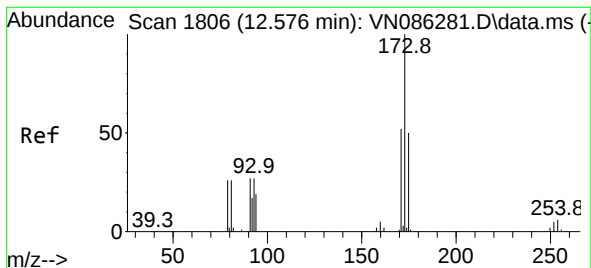
Tgt Ion:106 Resp: 1592840
Ion Ratio Lower Upper
106 100
91 217.8 109.7 329.0



#70
Styrene
Concen: 10.511 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion:104 Resp: 78604
Ion Ratio Lower Upper
104 100
78 302.0 40.6 61.0#
103 277.6 43.6 65.4#





#71

Bromoform

Concen: 0.431 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

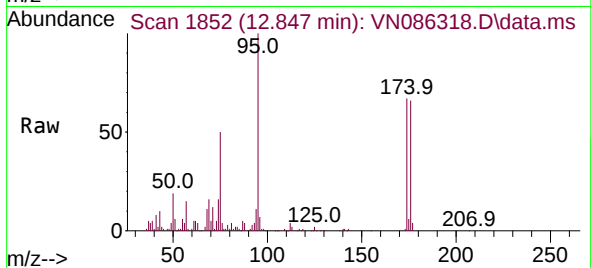
Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_N

ClientSampleId :



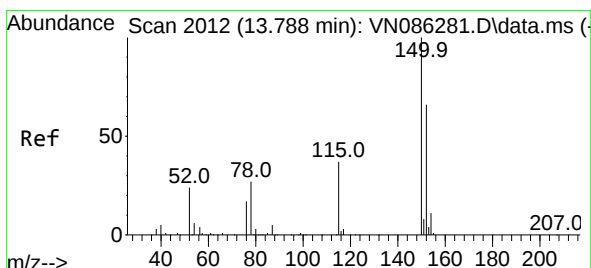
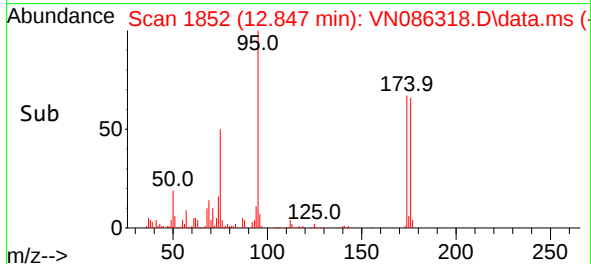
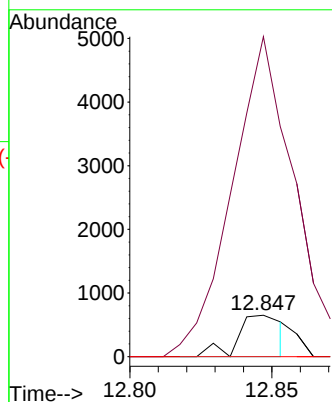
Tgt Ion:173 Resp: 719

Ion Ratio Lower Upper

173 100

175 832.5 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: VN086318.D

Acq: 17 Apr 2025 13:41

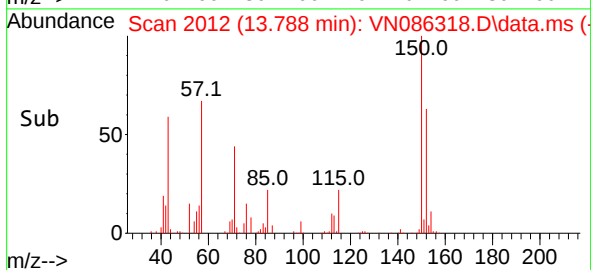
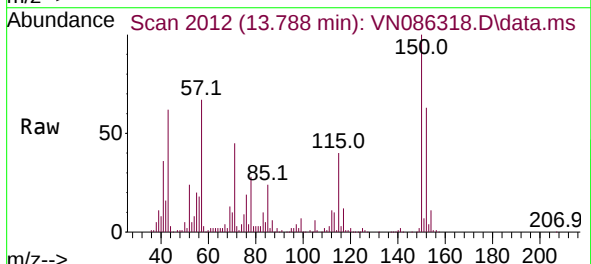
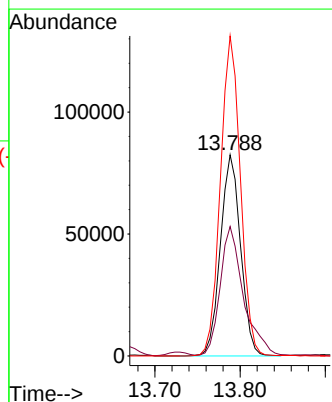
Tgt Ion:152 Resp: 135909

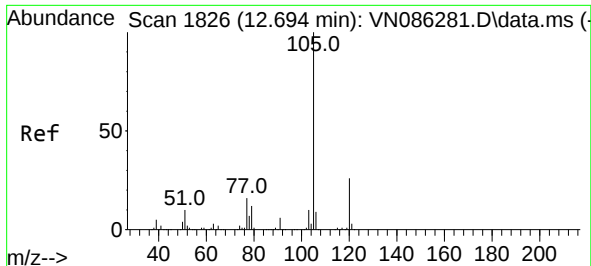
Ion Ratio Lower Upper

152 100

115 73.6 31.9 95.9

150 157.6 0.0 352.0

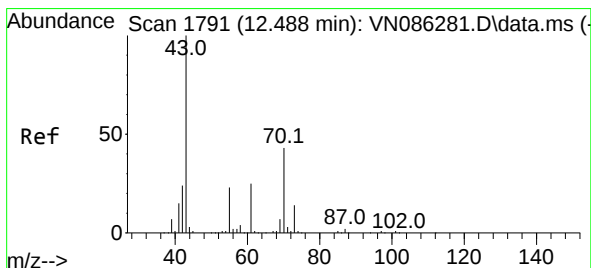
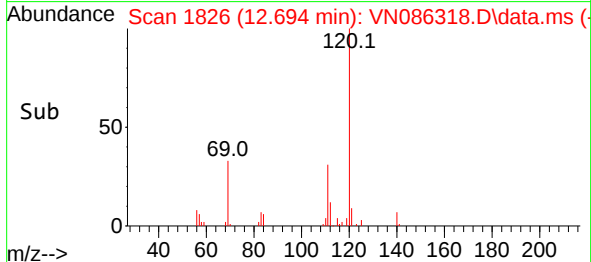
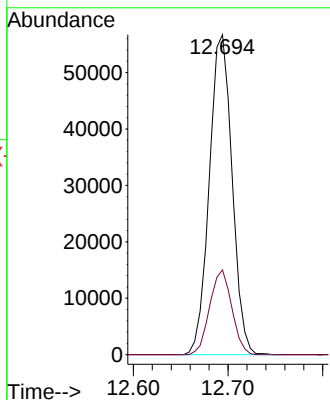
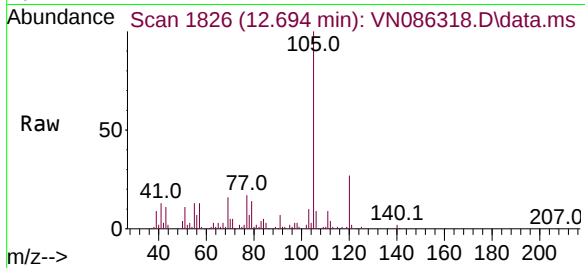




#73
Isopropylbenzene
Concen: 8.524 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

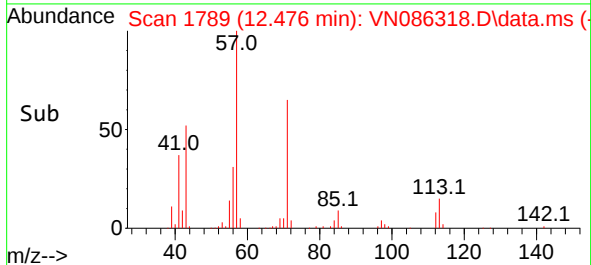
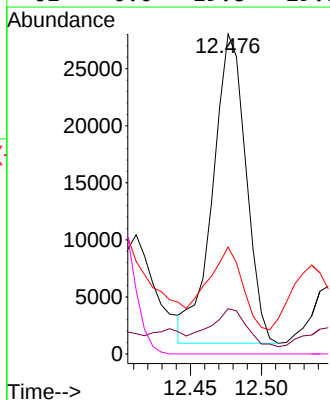
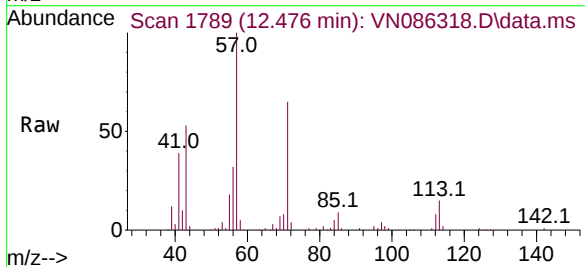
Instrument :
MSVOA_N
ClientSampleId :

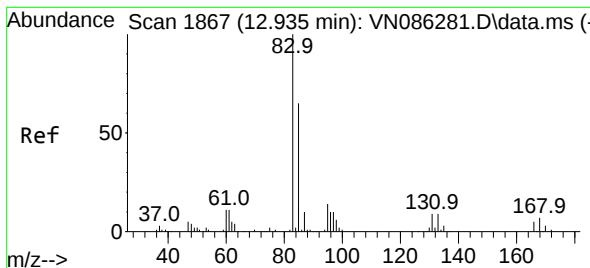
Tgt Ion:105 Resp: 94769
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.3



#74
N-ethyl acetate
Concen: 7.968 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.012 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 43 Resp: 44103
Ion Ratio Lower Upper
43 100
70 13.5 35.0 52.4#
55 28.1 19.0 28.4
61 0.0 19.8 29.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.443 ug/l

RT: 12.923 min Scan# 1865

Delta R.T. -0.012 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_N

ClientSampleId :

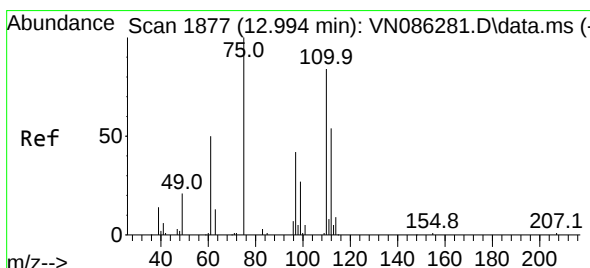
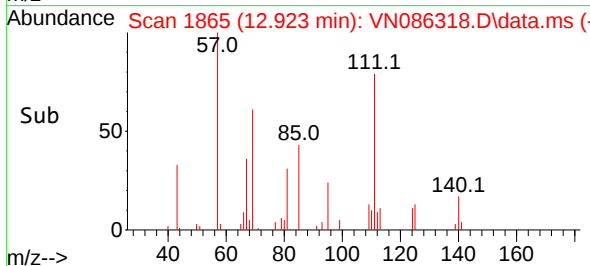
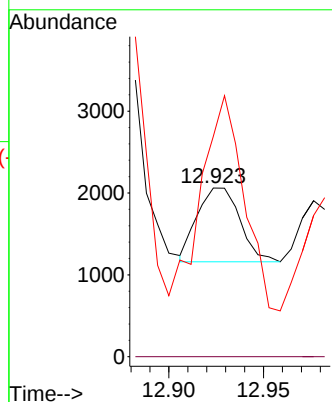
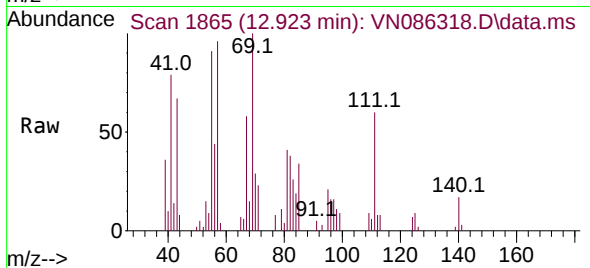
Tgt Ion: 83 Resp: 1416

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 0.0 32.7 98.1#



#76

1,2,3-Trichloropropane

Concen: 2.234 ug/l

RT: 13.094 min Scan# 1894

Delta R.T. 0.100 min

Lab File: VN086318.D

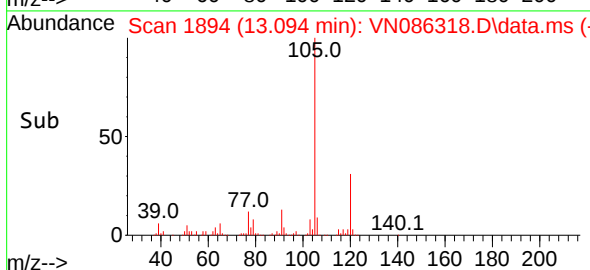
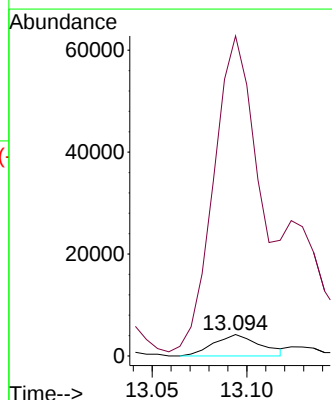
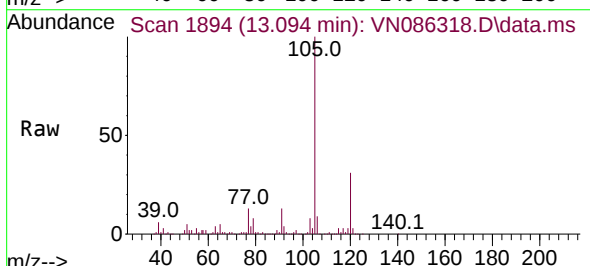
Acq: 17 Apr 2025 13:41

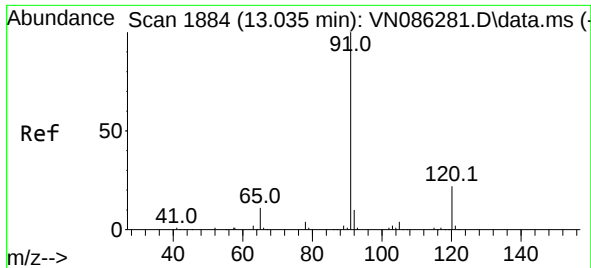
Tgt Ion: 75 Resp: 7166

Ion Ratio Lower Upper

75 100

77 1475.6 98.8 296.4#

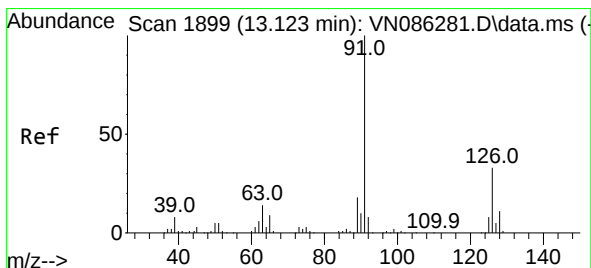
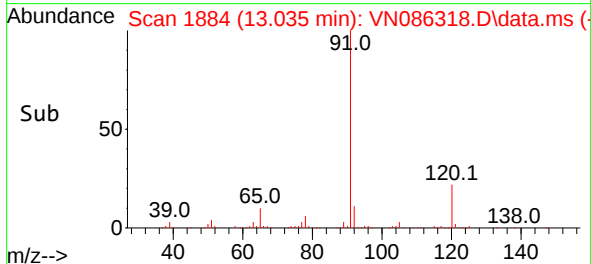
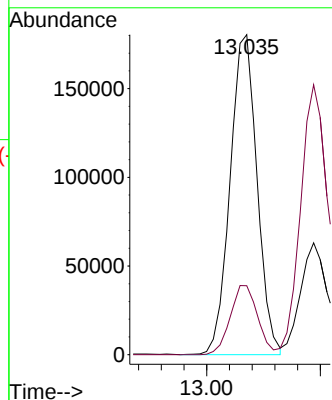
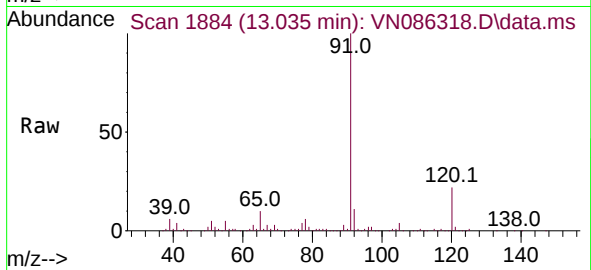




#78
n-propylbenzene
Concen: 22.693 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

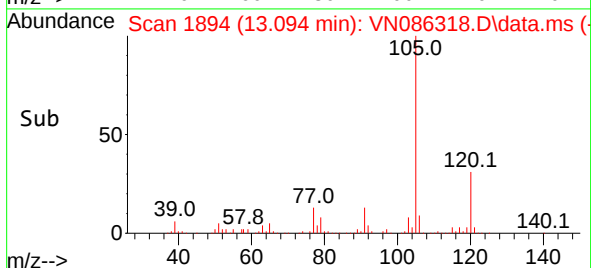
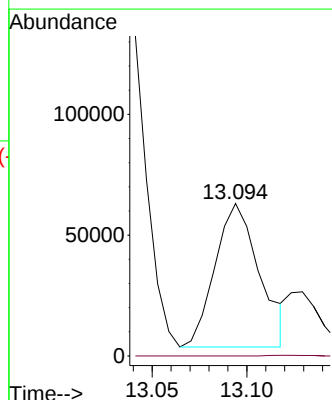
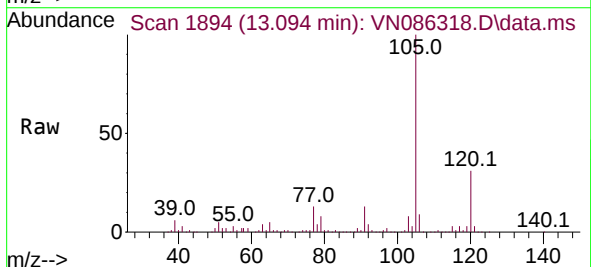
Instrument :
MSVOA_N
ClientSampleId :

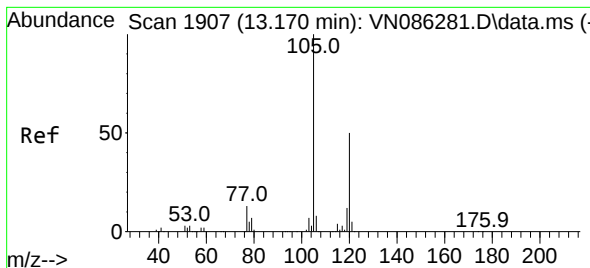
Tgt Ion: 91 Resp: 297299
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.3



#79
2-Chlorotoluene
Concen: 11.817 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 91 Resp: 96873
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.2#





#80

1,3,5-Trimethylbenzene

Concen: 33.519 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_N

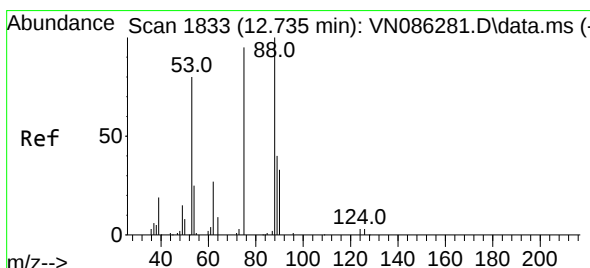
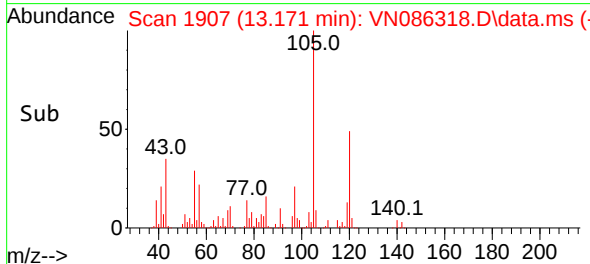
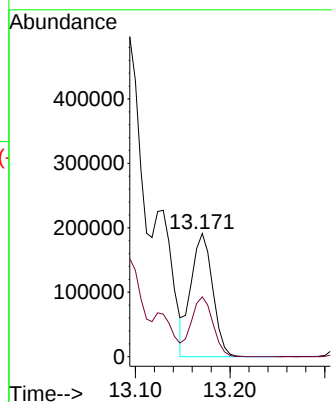
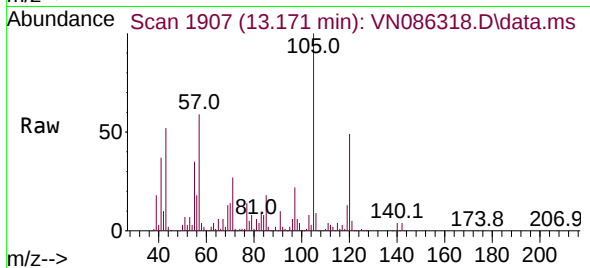
ClientSampleId :

Tgt Ion:105 Resp: 305008

Ion Ratio Lower Upper

105 100

120 48.4 24.5 73.5



#81

trans-1,4-Dichloro-2-butene

Concen: 55.715 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

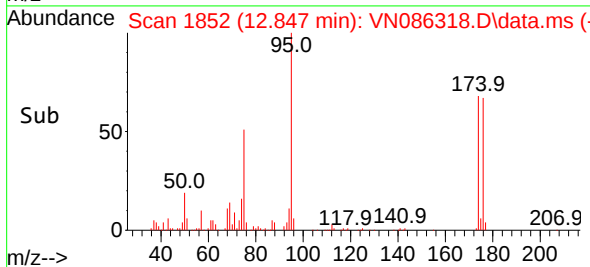
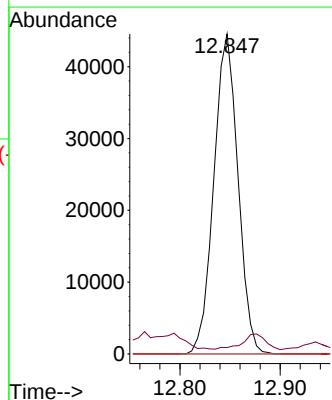
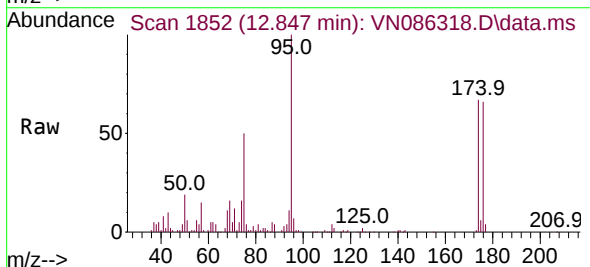
Tgt Ion: 75 Resp: 74405

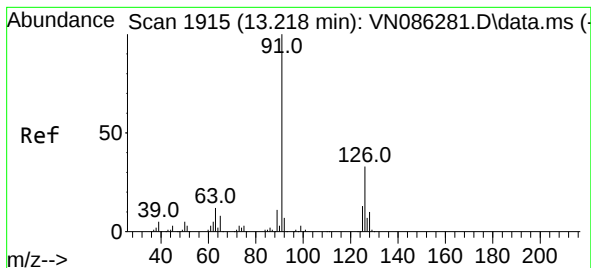
Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

89 0.0 35.7 53.5#

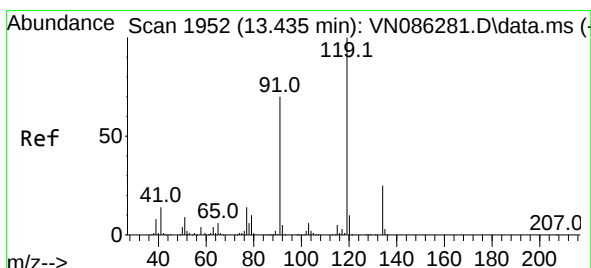
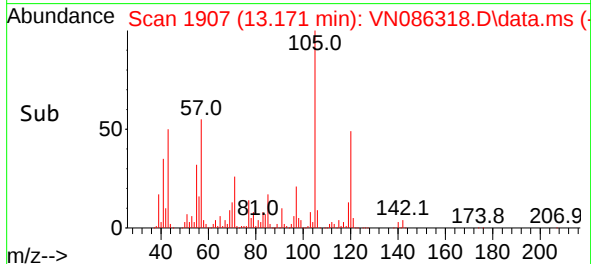
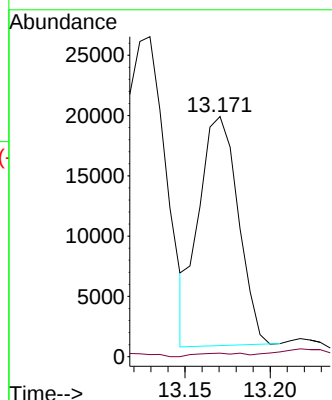
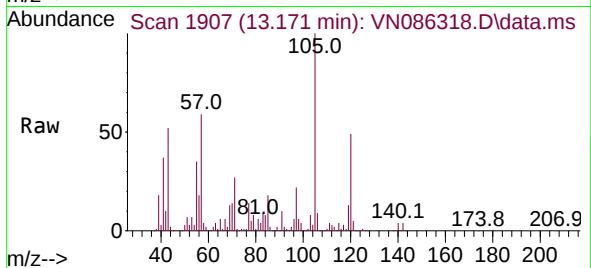




#82
4-Chlorotoluene
Concen: 3.763 ug/l
RT: 13.171 min Scan# 1915
Delta R.T. -0.047 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

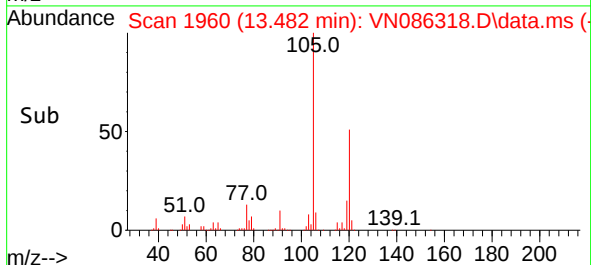
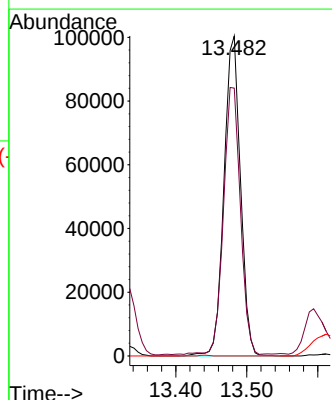
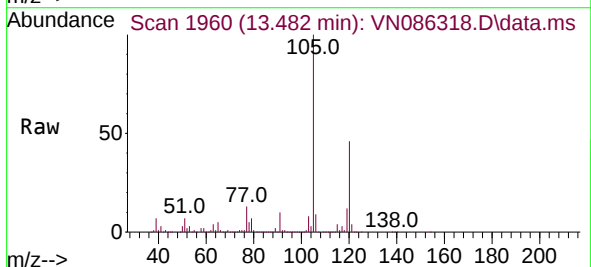
Instrument :
MSVOA_N
ClientSampleId :

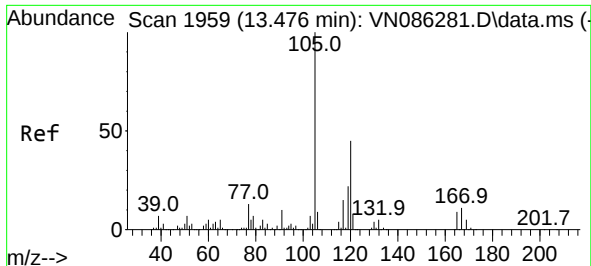
Tgt Ion: 91 Resp: 30646
Ion Ratio Lower Upper
91 100
126 1.9 16.2 48.6#



#83
tert-Butylbenzene
Concen: 20.463 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 119 Resp: 161339
Ion Ratio Lower Upper
119 100
91 86.4 34.4 103.3
134 0.0 13.0 39.0#

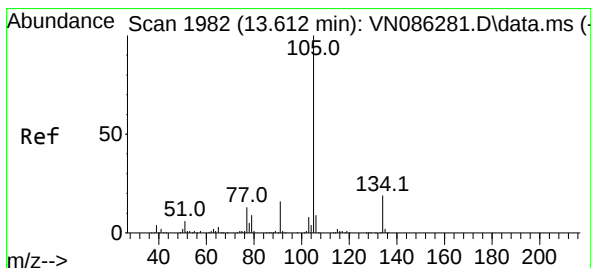
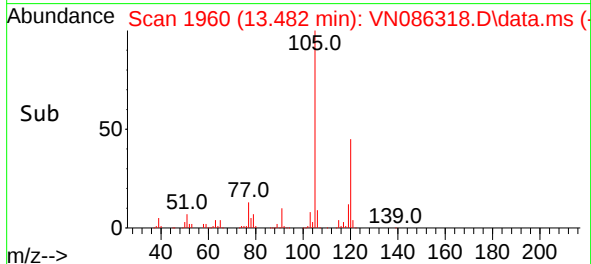
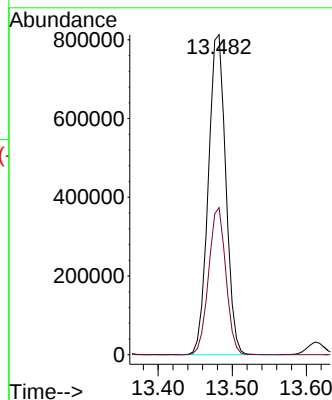
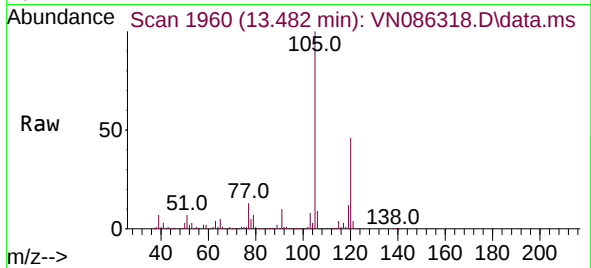




#84
1,2,4-Trimethylbenzene
Concen: 143.642 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

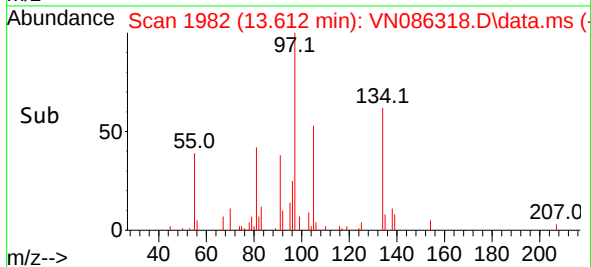
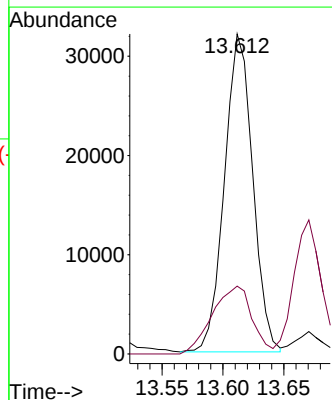
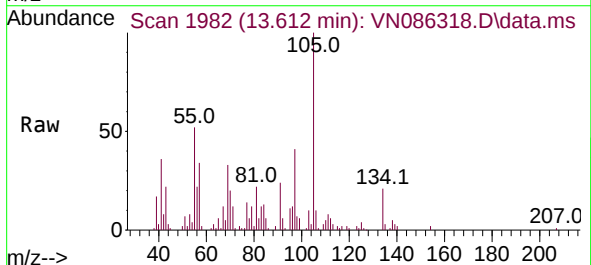
Instrument :
MSVOA_N
ClientSampleId :

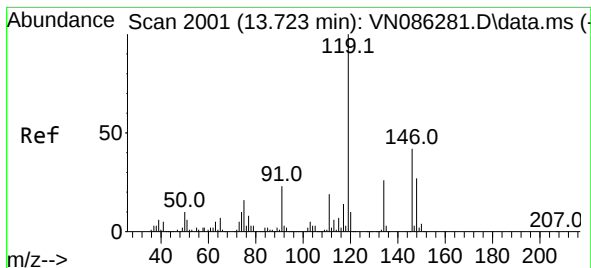
Tgt Ion:105 Resp: 1330474
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 4.729 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

Tgt Ion:105 Resp: 51717
Ion Ratio Lower Upper
105 100
134 29.9 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 4.273 ug/l

RT: 13.723 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_N

ClientSampleId :

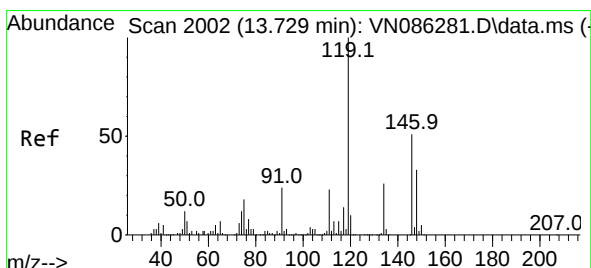
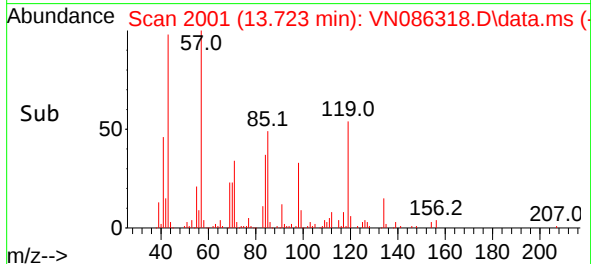
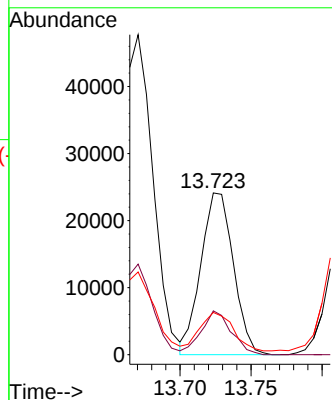
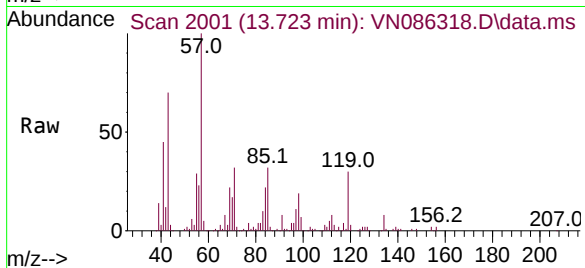
Tgt Ion:119 Resp: 38515

Ion Ratio Lower Upper

119 100

134 25.1 13.1 39.1

91 24.3 11.9 35.9



#87

1,3-Dichlorobenzene

Concen: 0.261 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

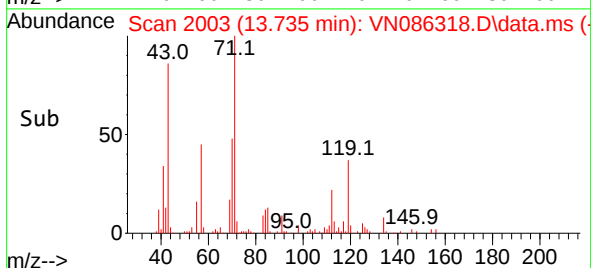
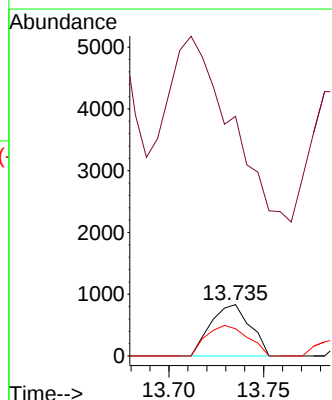
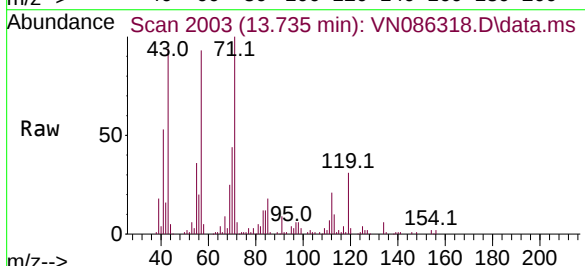
Tgt Ion:146 Resp: 1207

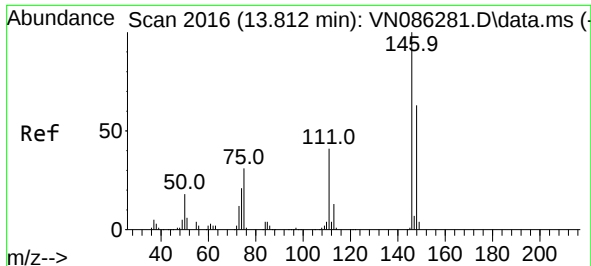
Ion Ratio Lower Upper

146 100

111 0.0 21.9 65.7#

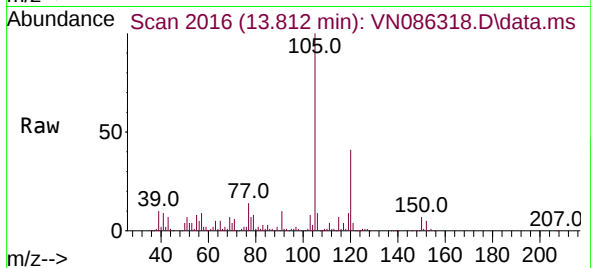
148 62.6 31.9 95.5



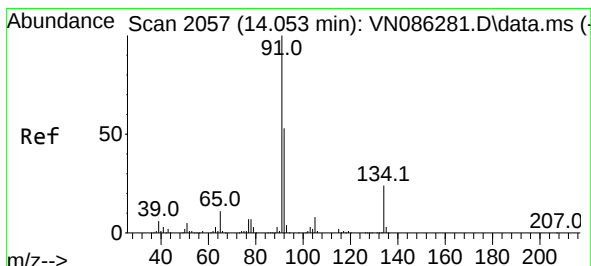
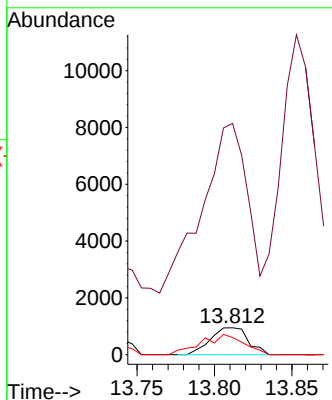
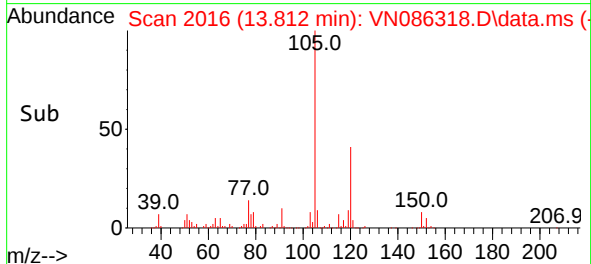


#88
1,4-Dichlorobenzene
Concen: 0.344 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

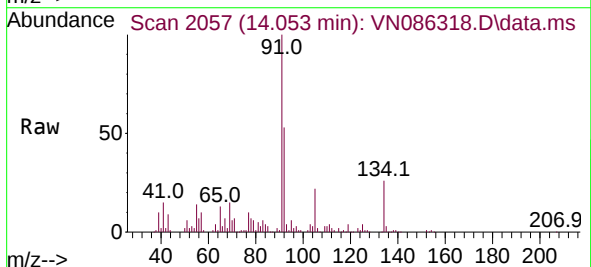
Instrument :
MSVOA_N
ClientSampleId :



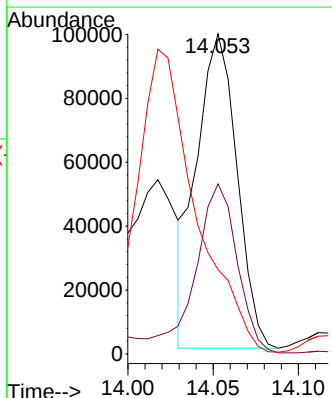
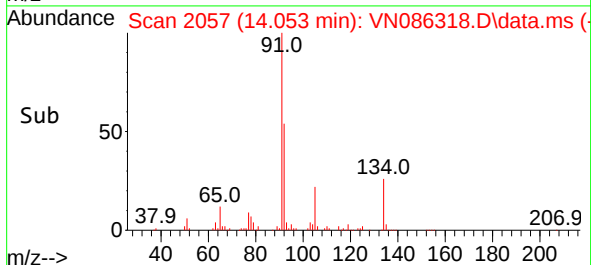
Tgt Ion:146 Resp: 1604
Ion Ratio Lower Upper
146 100
111 746.2 21.3 63.9#
148 84.4 31.9 95.9

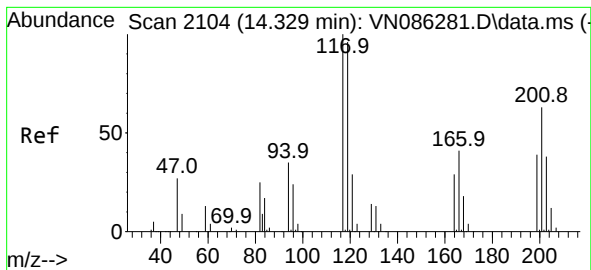


#89
n-Butylbenzene
Concen: 20.277 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41



Tgt Ion: 91 Resp: 162018
Ion Ratio Lower Upper
91 100
92 55.5 26.8 80.4
134 0.0 12.2 36.6#





#90

Hexachloroethane

Concen: 30.418 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_N

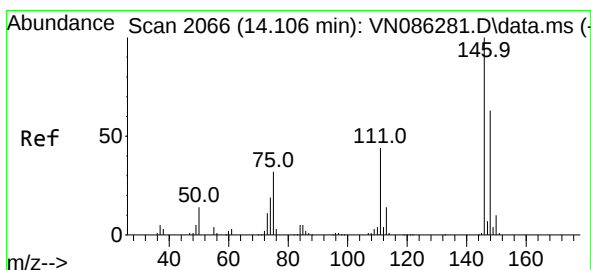
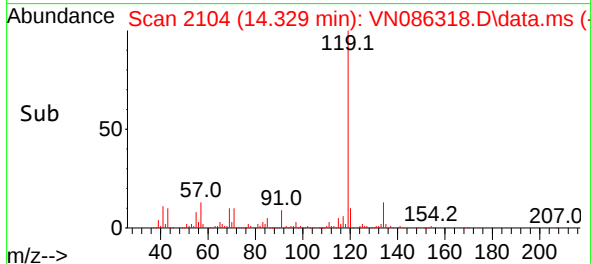
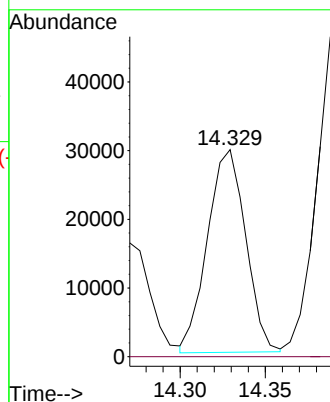
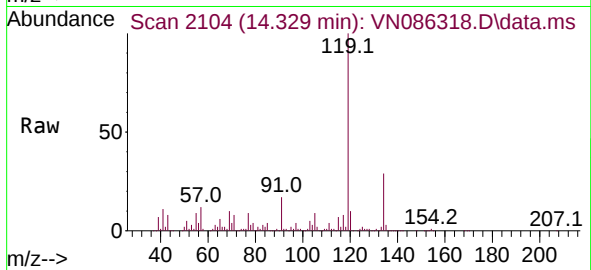
ClientSampleId :

Tgt Ion:117 Resp: 46122

Ion Ratio Lower Upper

117 100

201 0.0 31.4 94.2#



#91

1,2-Dichlorobenzene

Concen: 0.246 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

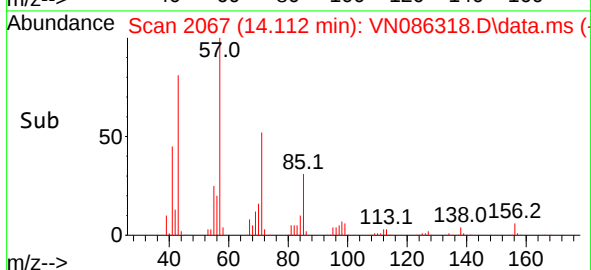
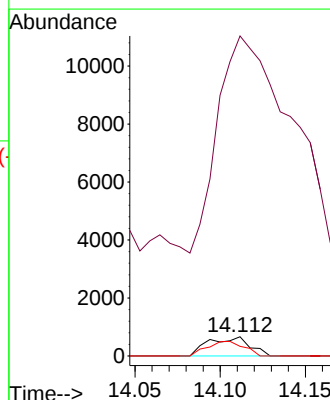
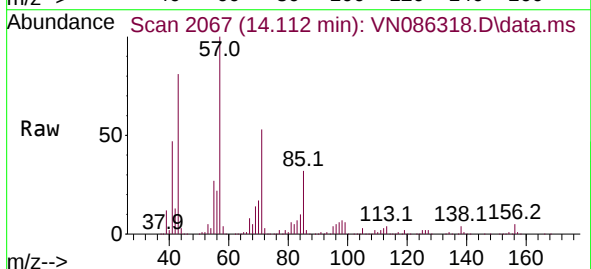
Tgt Ion:146 Resp: 1105

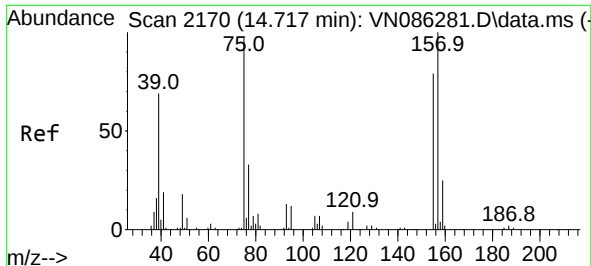
Ion Ratio Lower Upper

146 100

111 2338.4 22.4 67.0#

148 67.9 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.449 ug/l

RT: 14.729 min Scan# 2170

Delta R.T. 0.012 min

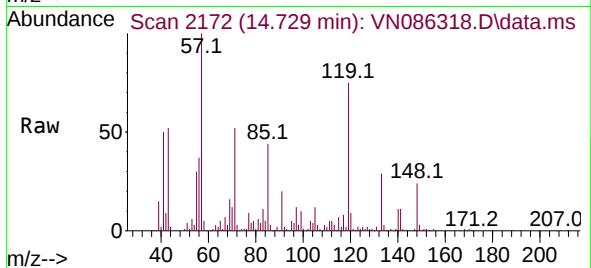
Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

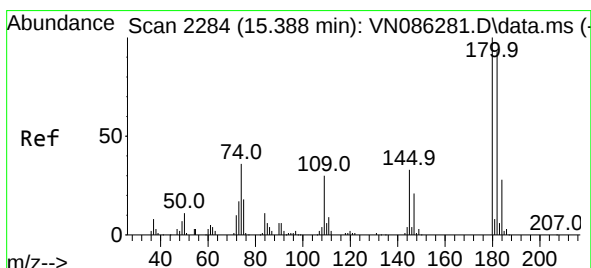
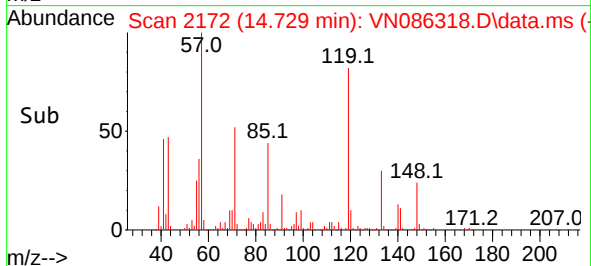
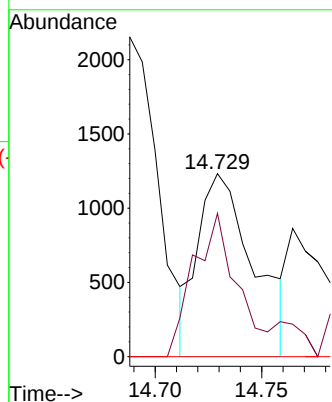
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 2223
Ion Ratio	Lower Upper
75	100
155	62.0 40.3 120.9
157	0.0 49.0 147.2#



#93

1,2,4-Trichlorobenzene

Concen: 1.162 ug/l

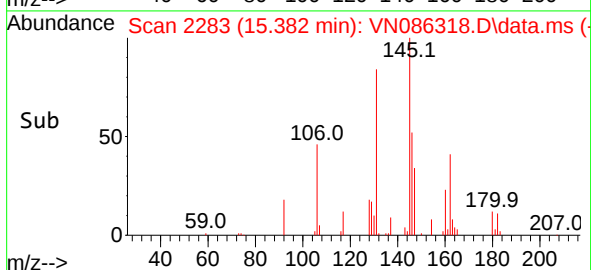
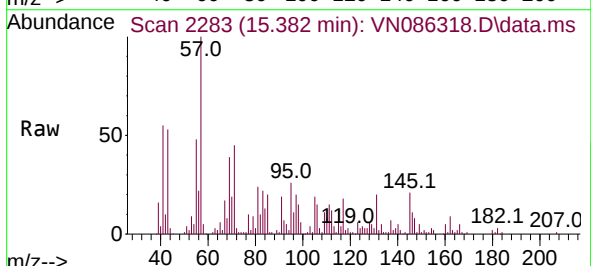
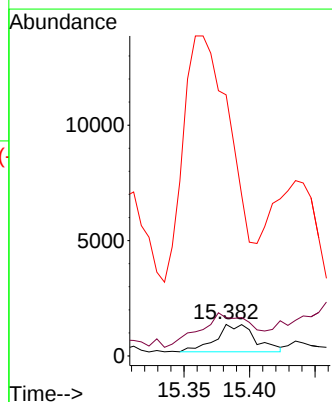
RT: 15.382 min Scan# 2283

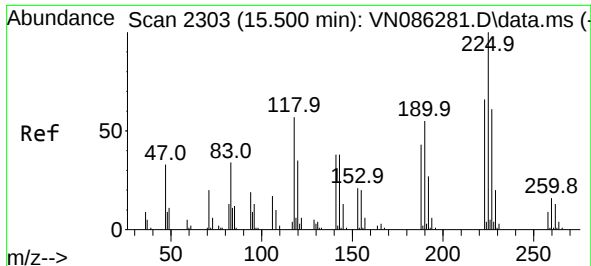
Delta R.T. -0.006 min

Lab File: VN086318.D

Acq: 17 Apr 2025 13:41

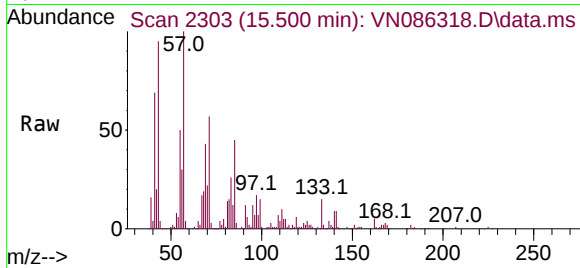
Tgt Ion: 180	Resp: 2498
Ion Ratio	Lower Upper
180	100
182	161.5 47.0 141.0#
145	0.0 16.4 49.1#



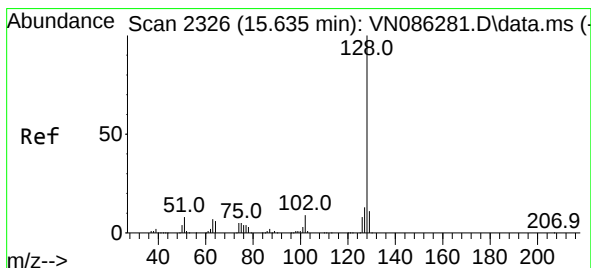
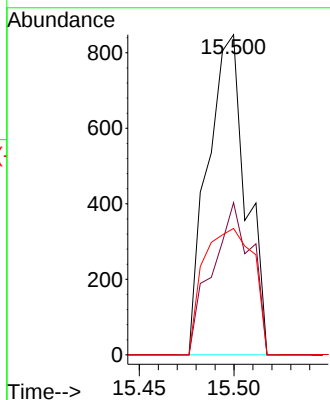
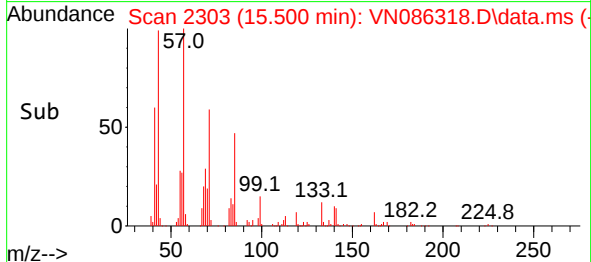


#94
Hexachlorobutadiene
Concen: 1.469 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41

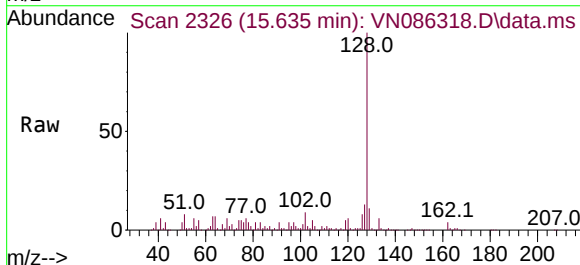
Instrument :
MSVOA_N
ClientSampleId :



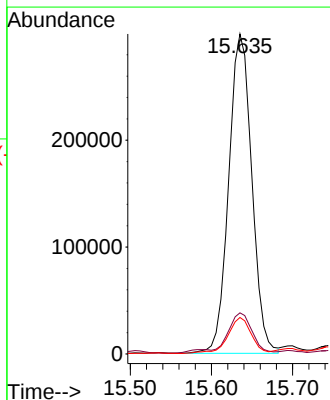
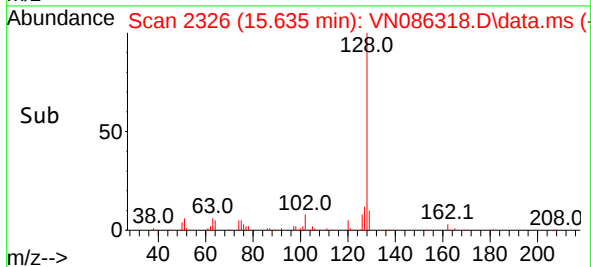
Tgt Ion:225 Resp: 1192
Ion Ratio Lower Upper
225 100
223 49.1 32.8 98.3
227 51.4 31.4 94.0

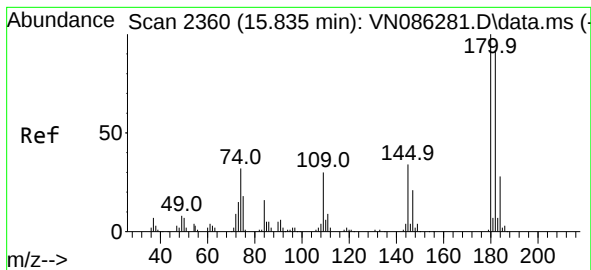


#95
Naphthalene
Concen: 77.543 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086318.D
Acq: 17 Apr 2025 13:41



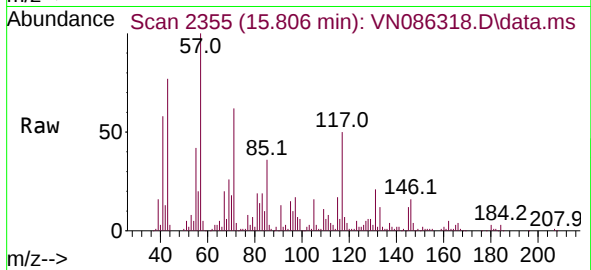
Tgt Ion:128 Resp: 590948
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.182 ug/l
 RT: 15.806 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VN086318.D
 Acq: 17 Apr 2025 13:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 4442
 Ion Ratio Lower Upper
 180 100
 182 34.6 47.3 142.0#
 145 290.7 17.2 51.5#

