

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082926.D
 Acq On : 15 Jul 2024 18:43
 Operator : JC\MD
 Sample : P3251-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 16 01:26:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

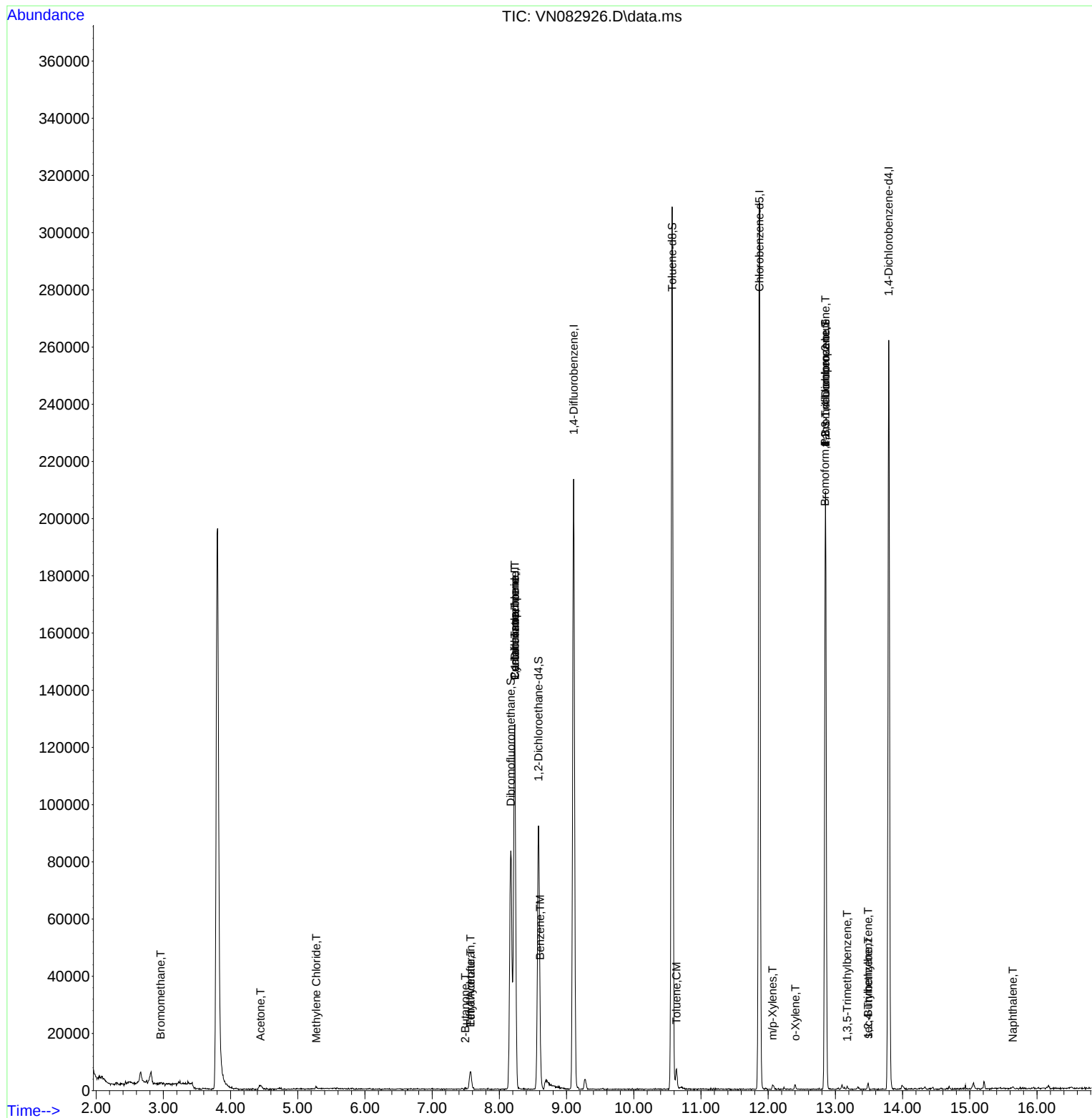
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	89191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	173489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	173164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	74865	59.879	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	119.760%	
35) Dibromofluoromethane	8.171	113	61621	55.353	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	110.700%	
50) Toluene-d8	10.571	98	206492	50.220	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.440%	
62) 4-Bromofluorobenzene	12.853	95	68554	46.416	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	92.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.959	94	211	0.254	ug/l #	1
16) Acetone	4.447	43	3210	7.292	ug/l #	82
20) Methylene Chloride	5.277	84	404	0.380	ug/l #	60
25) 2-Butanone	7.494	43	538	0.809	ug/l #	53
29) Tetrahydrofuran	7.571	42	651	1.556	ug/l #	38
31) Cyclohexane	8.230	56	2549	1.559	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	8166	5.320	ug/l #	45
37) Ethyl Acetate	7.571	43	9443	6.043	ug/l #	96
38) Carbon Tetrachloride	8.230	117	9911	5.363	ug/l #	17
40) Benzene	8.606	78	3699	0.783	ug/l #	90
43) Isopropyl Acetate	8.688	43	1875	Below Cal	#	60
52) Toluene	10.635	92	3025	1.026	ug/l	96
68) m/p-Xylenes	12.065	106	810	0.344	ug/l	88
69) o-Xylene	12.406	106	530	0.235	ug/l	72
71) Bromoform	12.847	173	466	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	38917	34.107	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.176	105	818	0.210	ug/l #	54
81) trans-1,4-Dichloro-2-b...	12.853	75	38917	67.079	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.488	105	1728	0.436	ug/l	93
85) sec-Butylbenzene	13.488	105	1728	0.371	ug/l #	57
95) Naphthalene	15.641	128	846	0.211	ug/l #	69

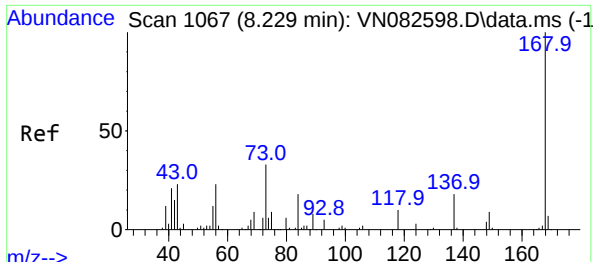
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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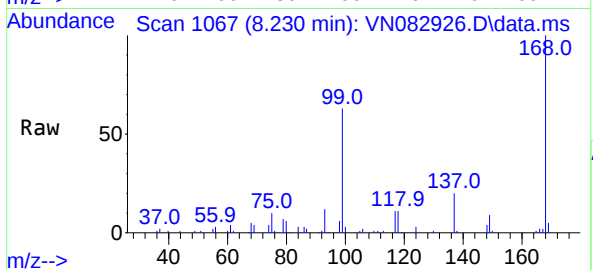
Quant Time: Jul 16 01:26:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



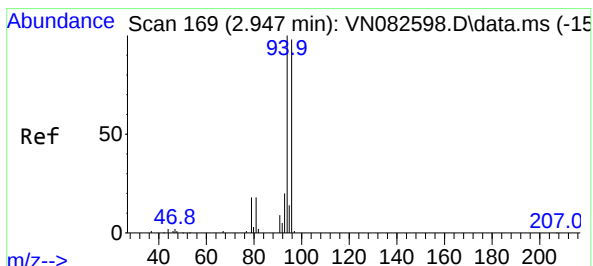
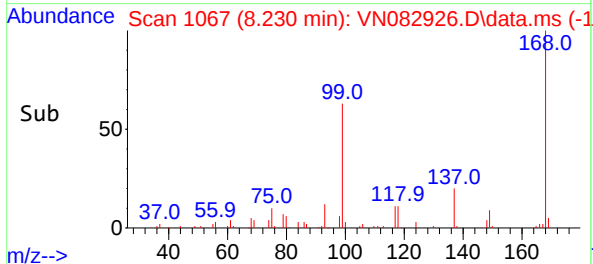
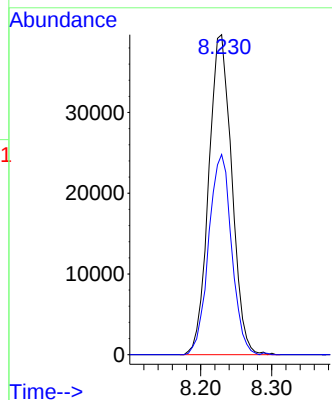


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :

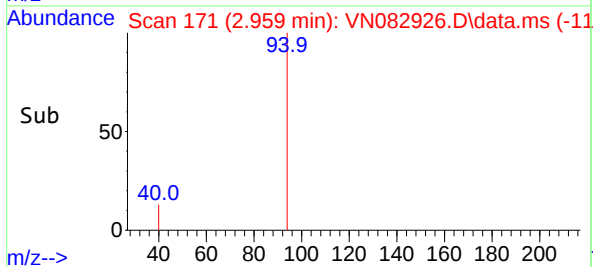
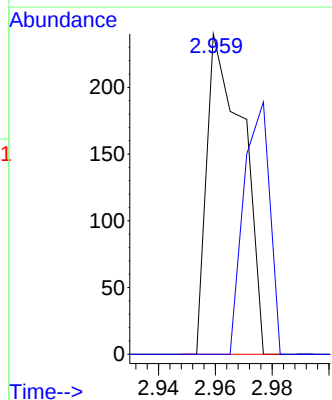
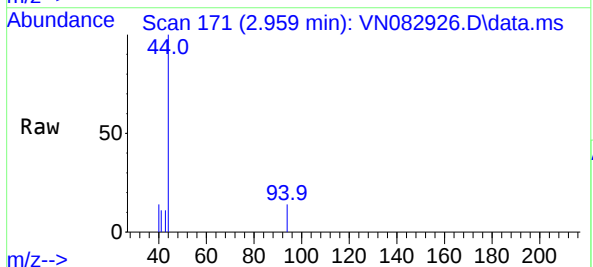


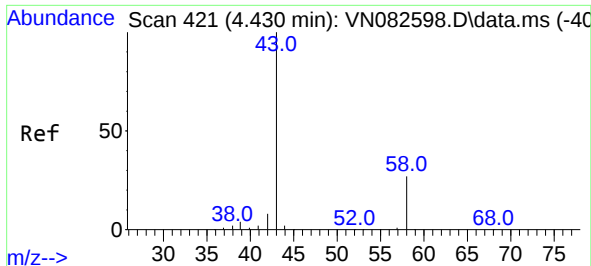
Tgt Ion:168 Resp: 89191
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#5
Bromomethane
Concen: 0.254 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#

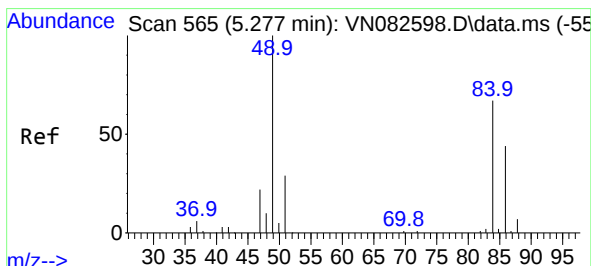
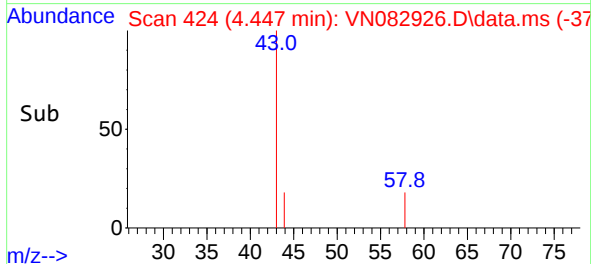
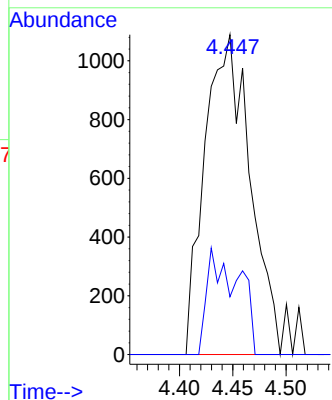
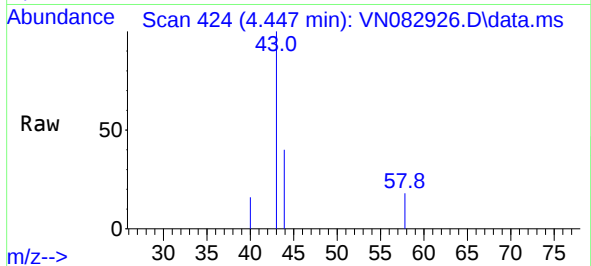




#16
Acetone
Concen: 7.292 ug/l
RT: 4.447 min Scan# 431
Delta R.T. 0.017 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

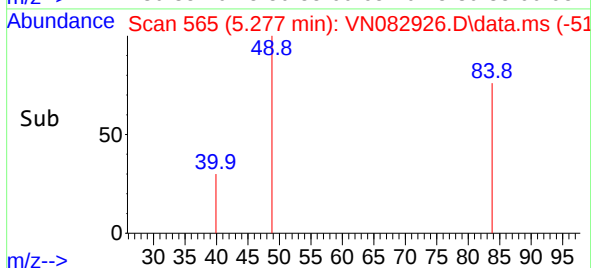
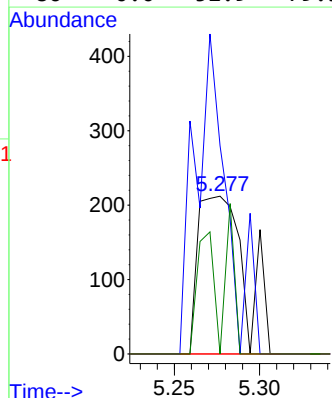
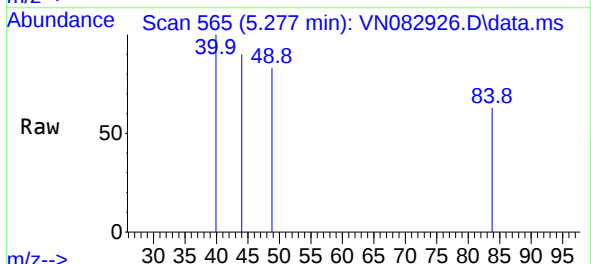
Instrument :
MSVOA_N
ClientSampleId :

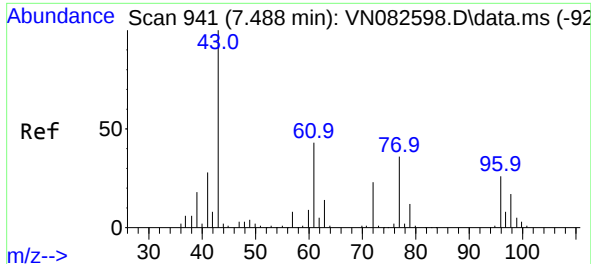
Tgt Ion: 43 Resp: 3210
Ion Ratio Lower Upper
43 100
58 18.1 21.8 32.6#



#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 84 Resp: 404
Ion Ratio Lower Upper
84 100
49 132.1 119.6 179.4
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#

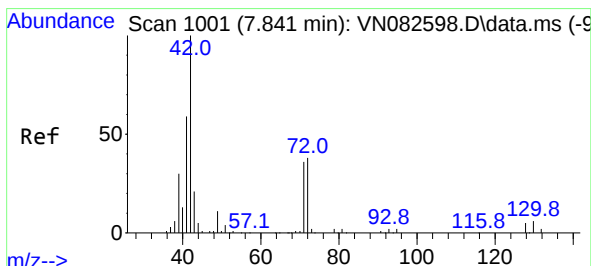
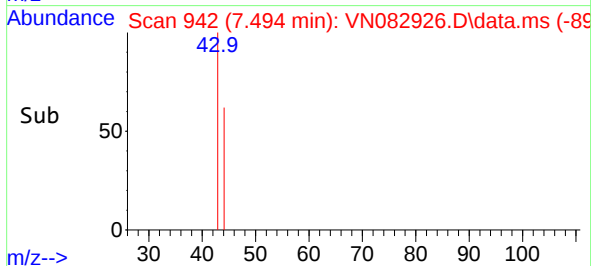
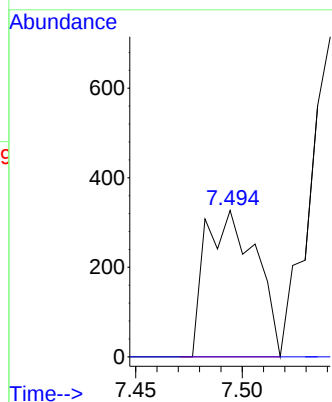
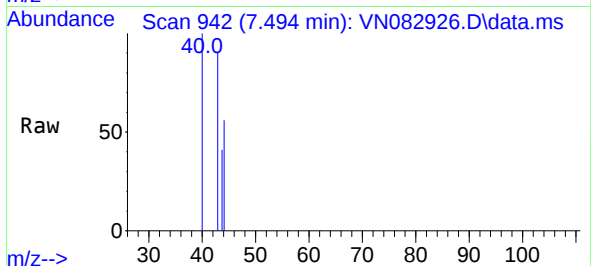




#25
2-Butanone
Concen: 0.809 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

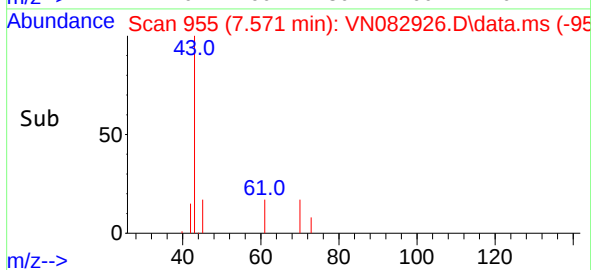
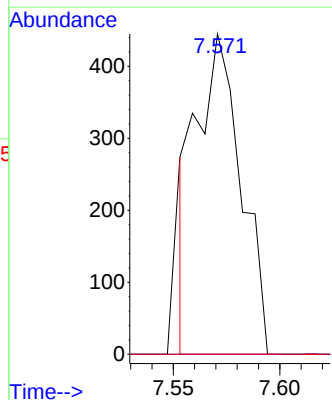
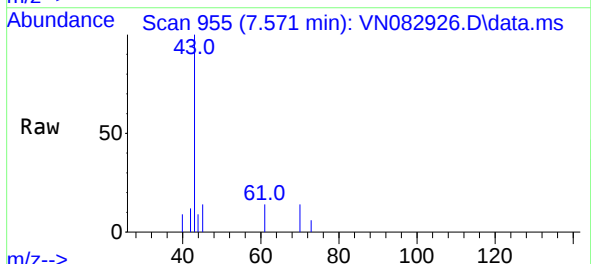
Instrument :
MSVOA_N
ClientSampleId :

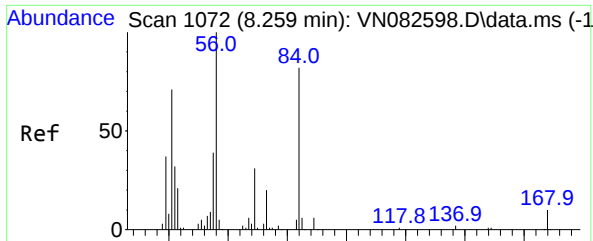
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#29
Tetrahydrofuran
Concen: 1.556 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.270 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

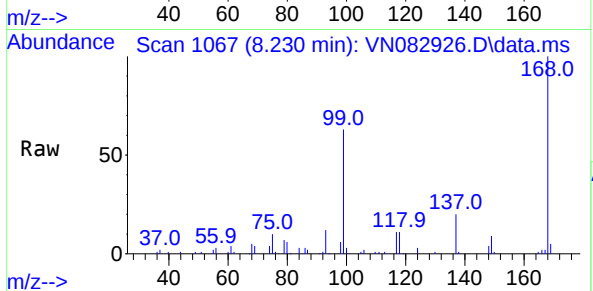
Tgt Ion: 42 Resp: 651
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 28.3 42.5#



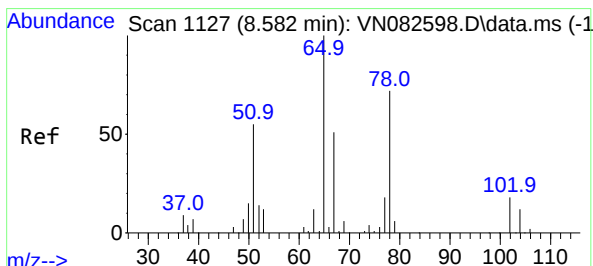
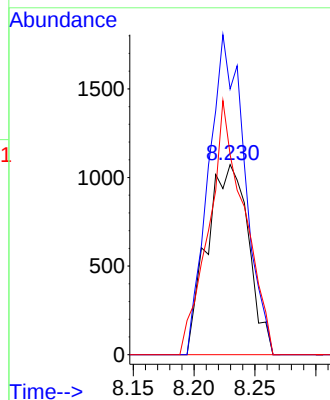
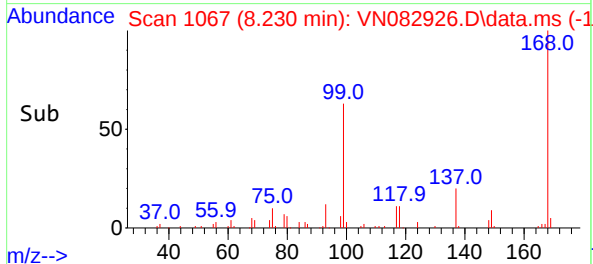


#31
Cyclohexane
Concen: 1.559 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :

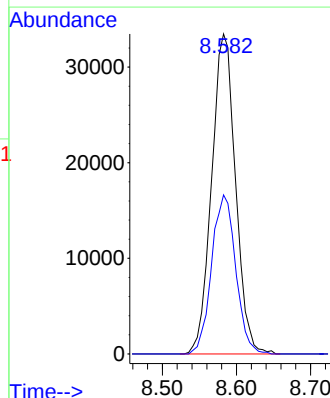
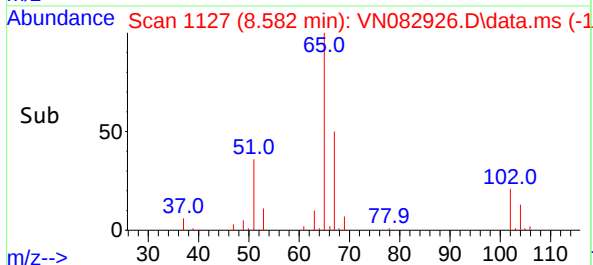
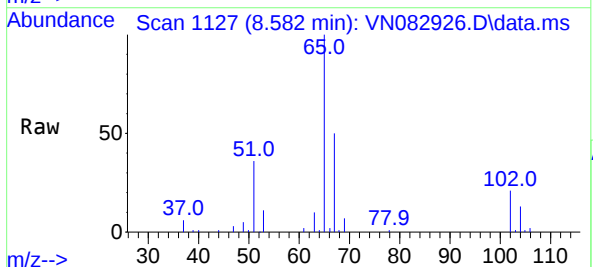


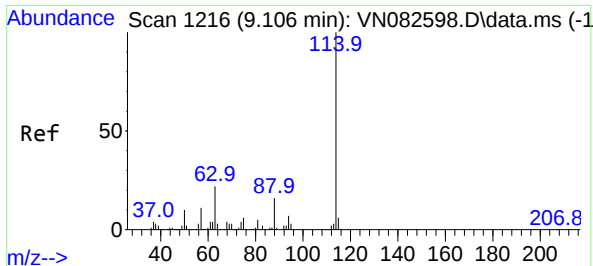
Tgt Ion: 56 Resp: 2549
Ion Ratio Lower Upper
56 100
69 139.7 24.5 36.7#
84 105.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.879 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

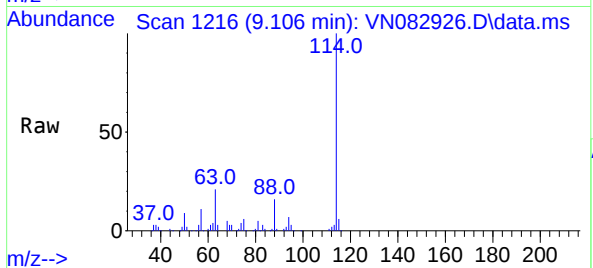
Tgt Ion: 65 Resp: 74865
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4



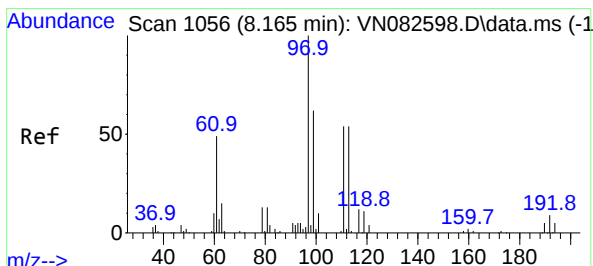
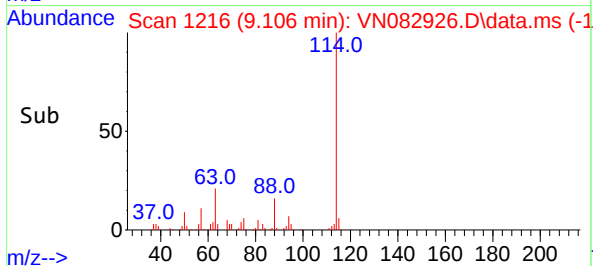
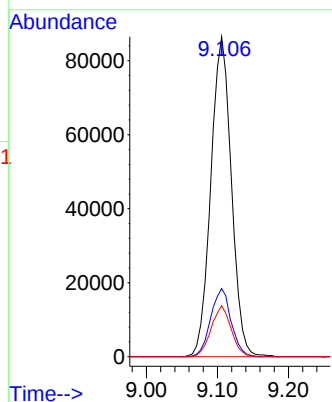


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :

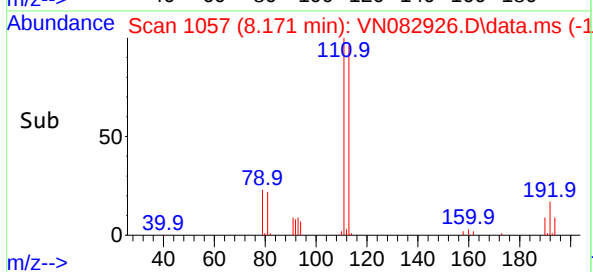
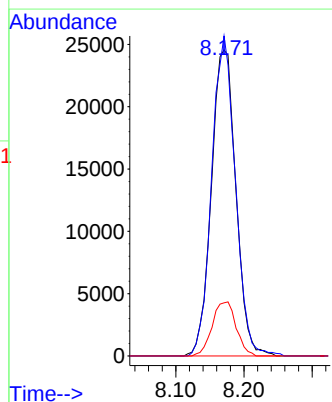
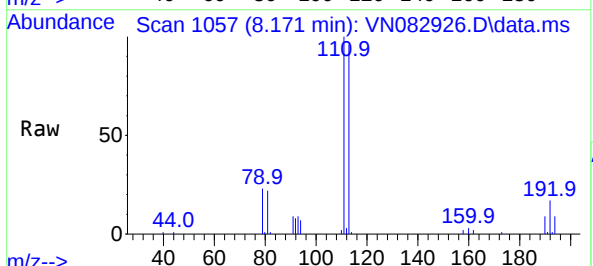


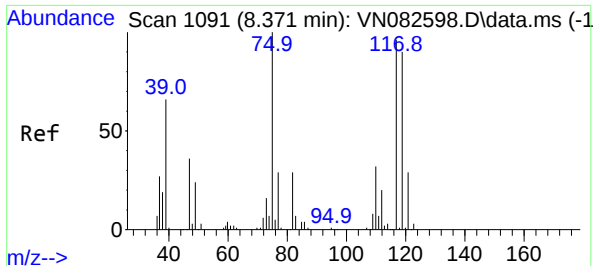
Tgt Ion:114 Resp: 173489
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.353 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

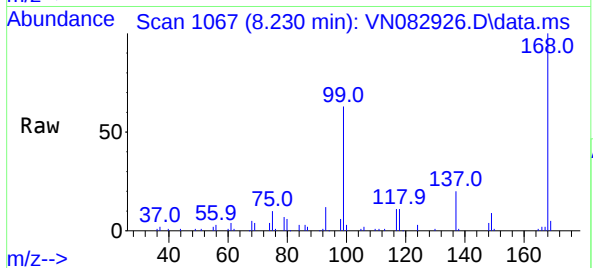
Tgt Ion:113 Resp: 61621
Ion Ratio Lower Upper
113 100
111 100.6 82.4 123.6
192 17.2 14.9 22.3



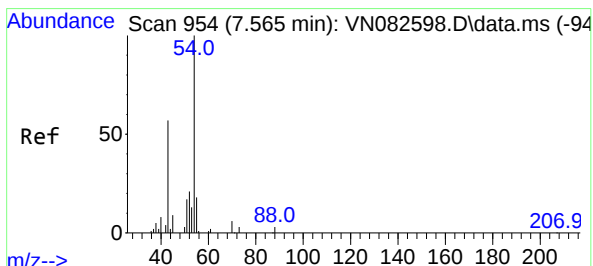
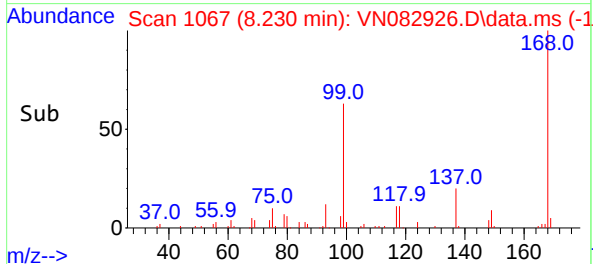
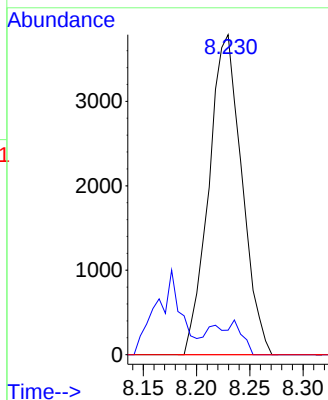


#36
1,1-Dichloropropene
Concen: 5.320 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :

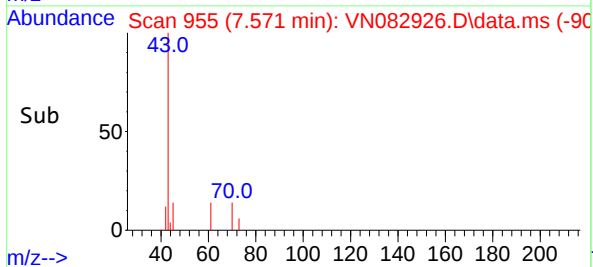
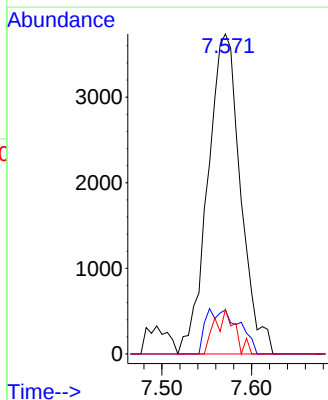
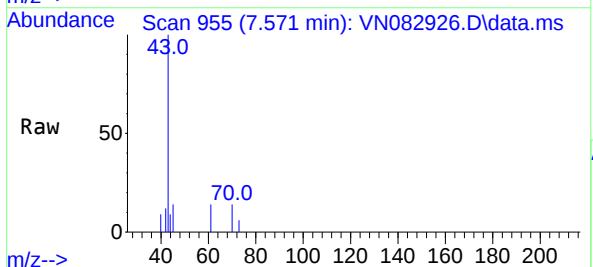


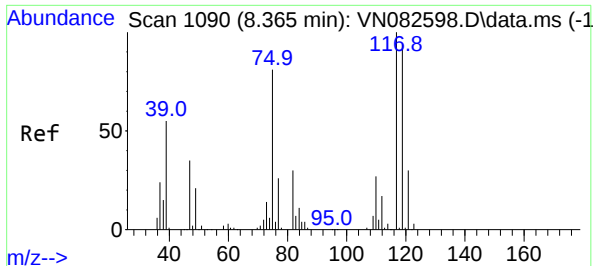
Tgt Ion: 75 Resp: 8166
Ion Ratio Lower Upper
75 100
110 1.8 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 6.043 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

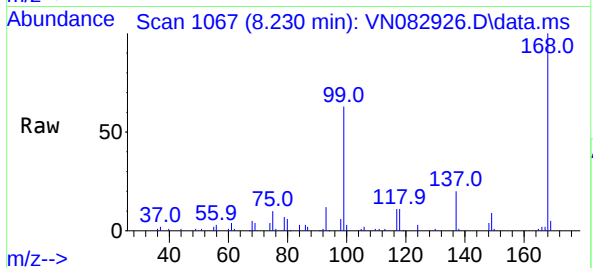
Tgt Ion: 43 Resp: 9443
Ion Ratio Lower Upper
43 100
61 14.2 9.3 13.9#
70 8.6 7.0 10.6



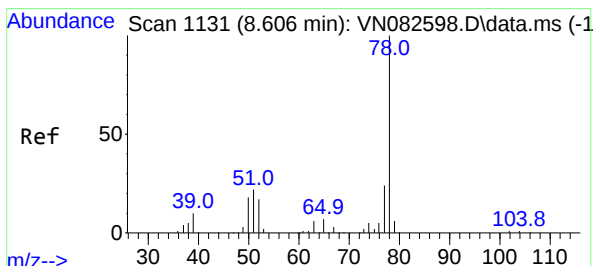
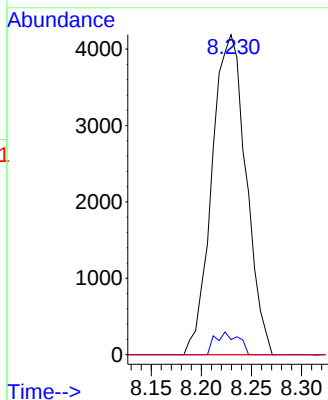
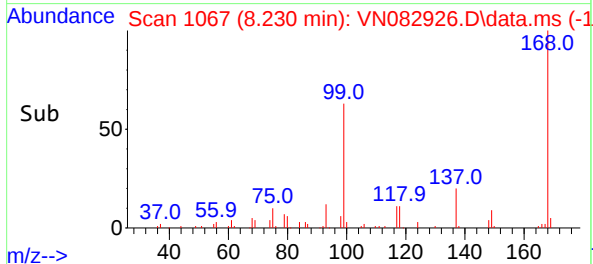


#38
Carbon Tetrachloride
Concen: 5.363 ug/l
RT: 8.230 min Scan# 1090
Delta R.T. -0.135 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :

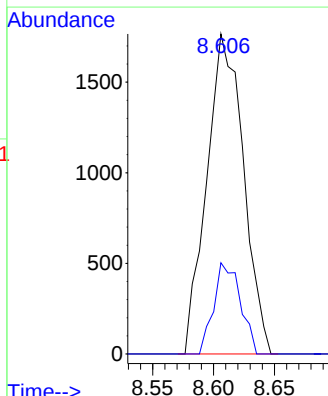
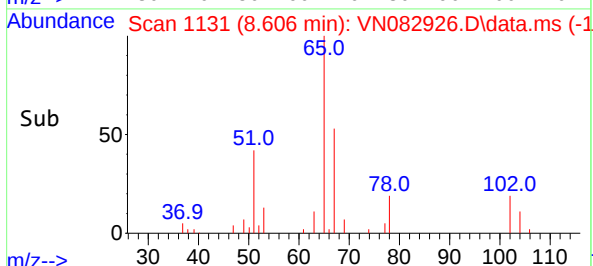
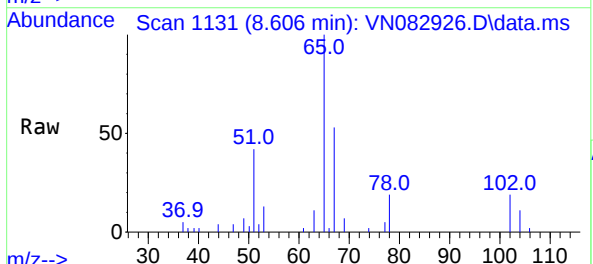


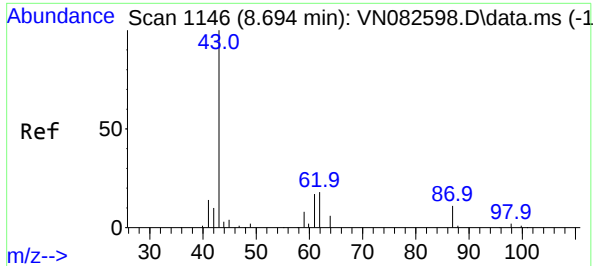
Tgt Ion:117 Resp: 9911
Ion Ratio Lower Upper
117 100
119 4.7 74.9 112.3#
121 0.0 24.3 36.5#



#40
Benzene
Concen: 0.783 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

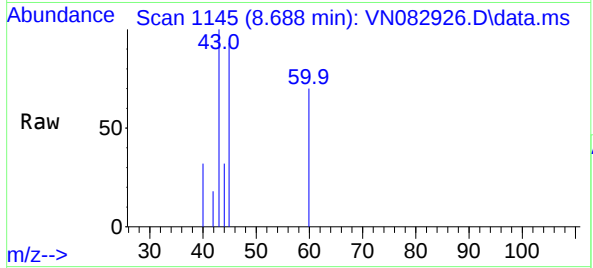
Tgt Ion: 78 Resp: 3699
Ion Ratio Lower Upper
78 100
77 28.5 19.0 28.4#



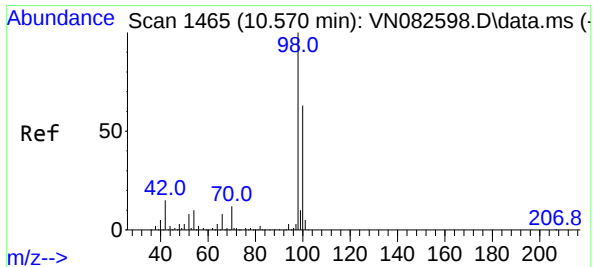
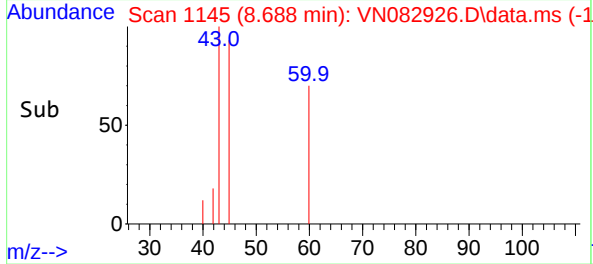
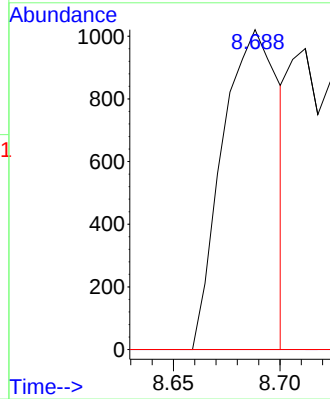


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :

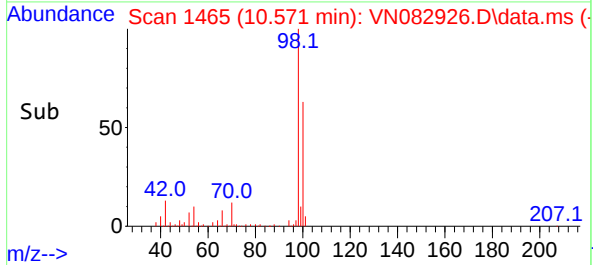
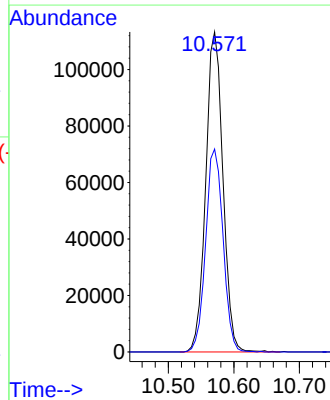
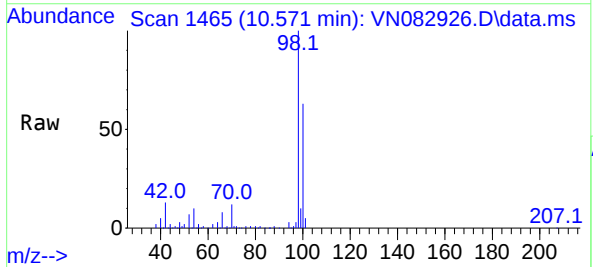


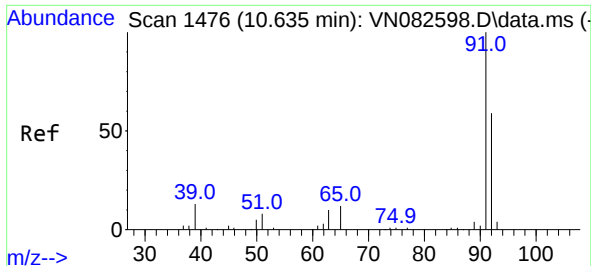
Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.220 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 98 Resp: 206492
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

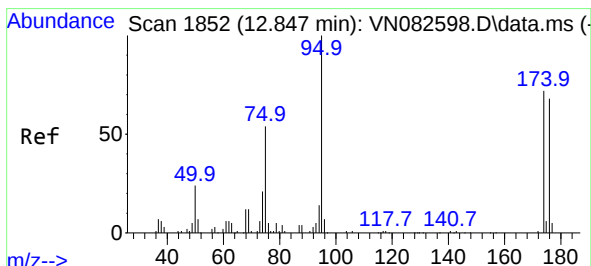
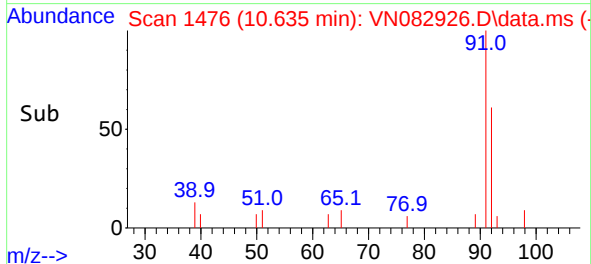
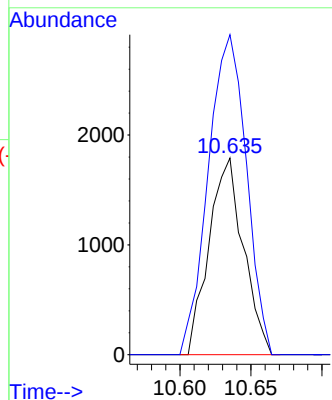
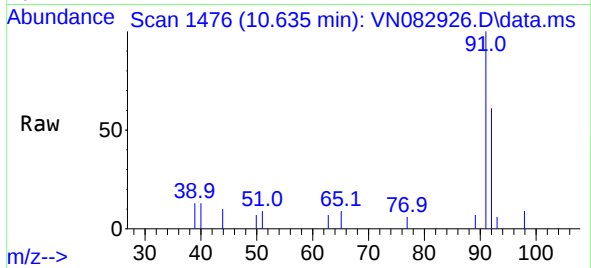




#52
Toluene
Concen: 1.026 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

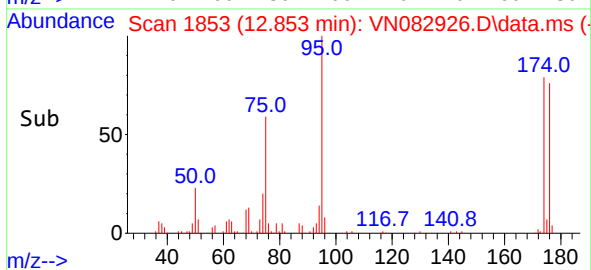
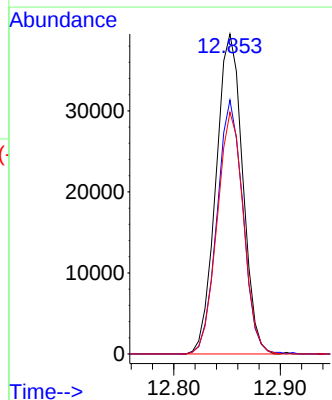
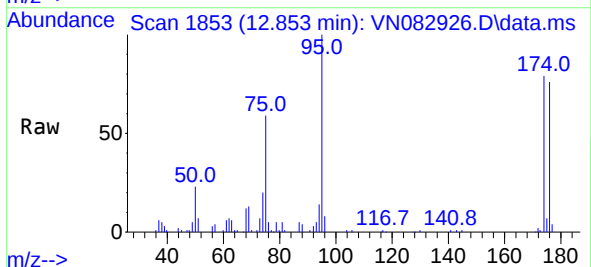
Instrument :
MSVOA_N
ClientSampleId :

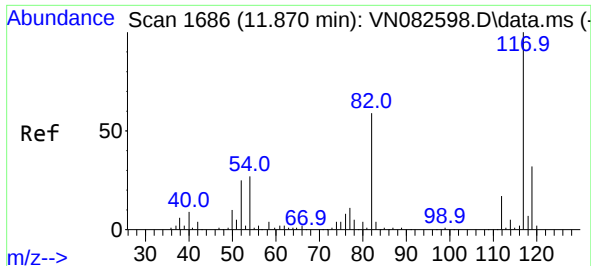
Tgt Ion: 92 Resp: 3025
Ion Ratio Lower Upper
92 100
91 180.0 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.416 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

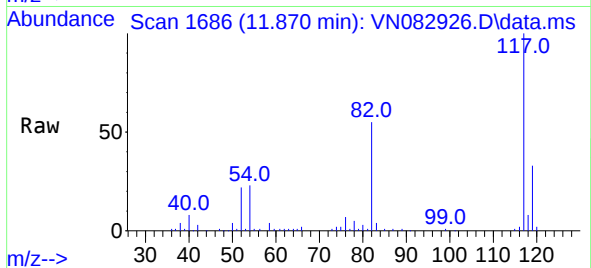
Tgt Ion: 95 Resp: 68554
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 74.6 0.0 147.6



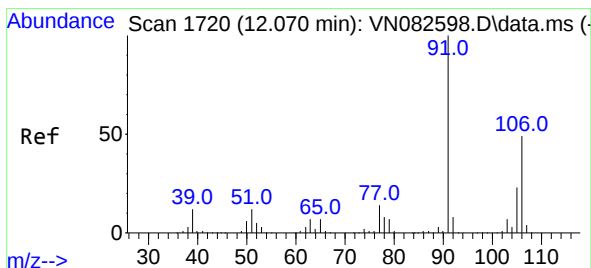
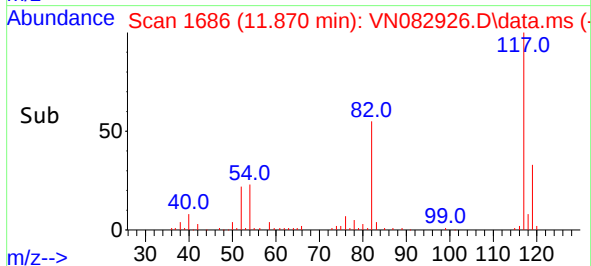
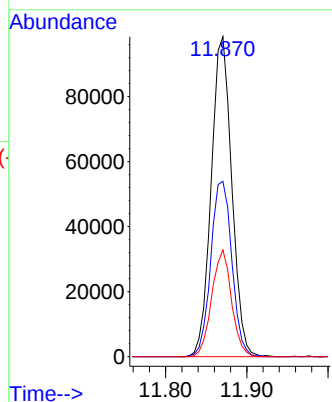


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :

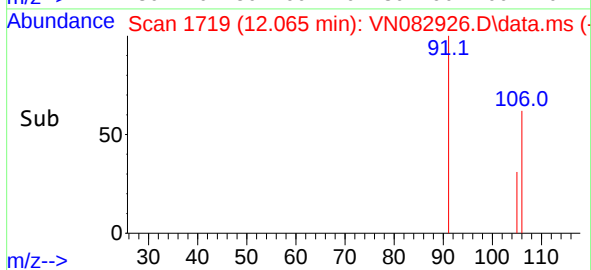
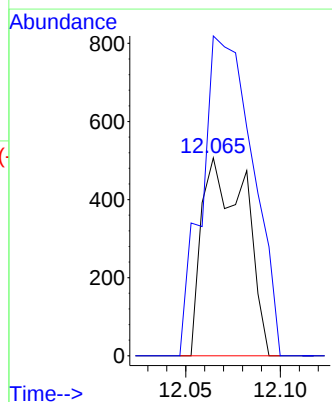
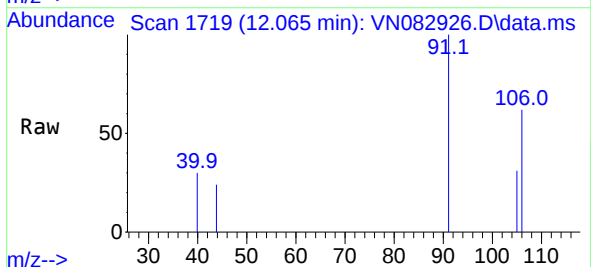


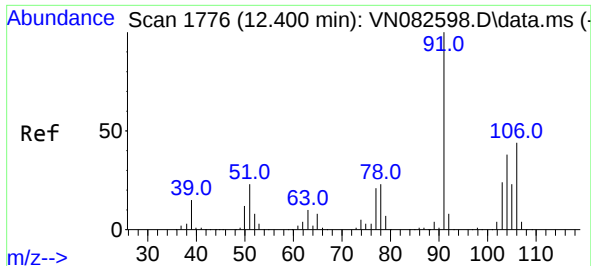
Tgt Ion:117 Resp: 173164
Ion Ratio Lower Upper
117 100
82 54.8 47.5 71.3
119 33.3 25.6 38.4



#68
m/p-Xylenes
Concen: 0.344 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion:106 Resp: 810
Ion Ratio Lower Upper
106 100
91 189.0 166.1 249.1

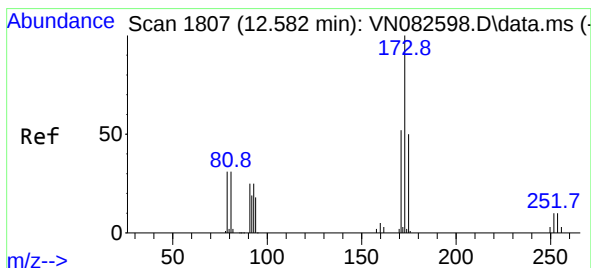
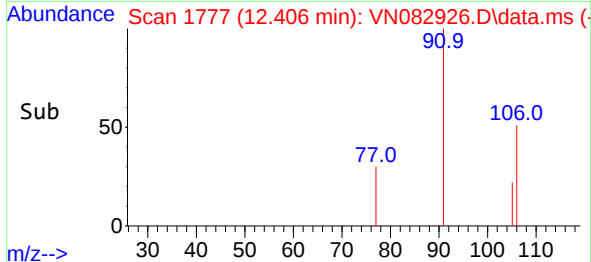
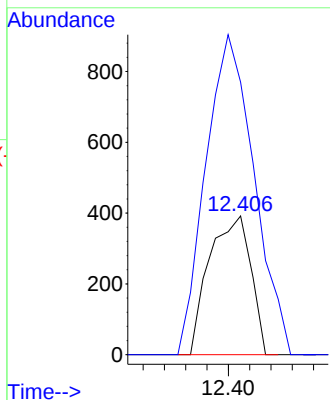
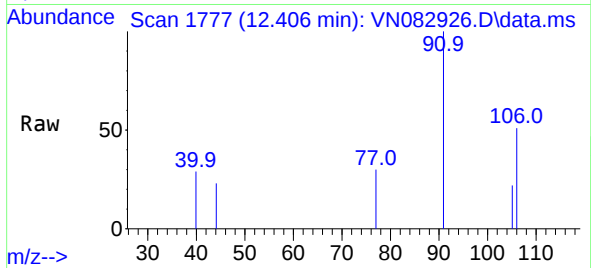




#69
o-Xylene
Concen: 0.235 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

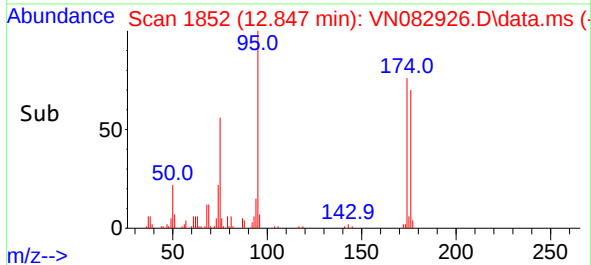
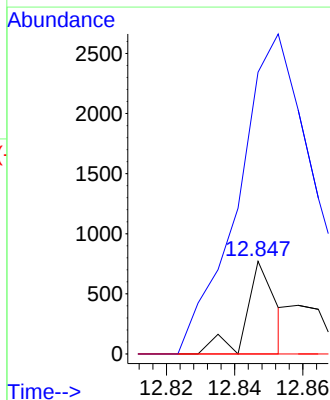
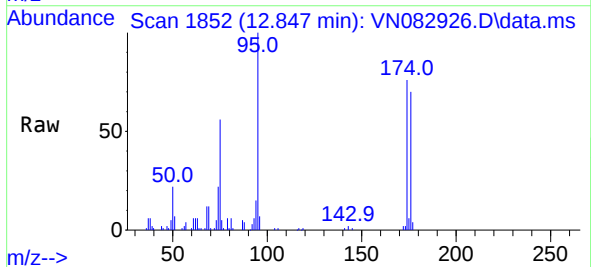
Instrument :
MSVOA_N
ClientSampleId :

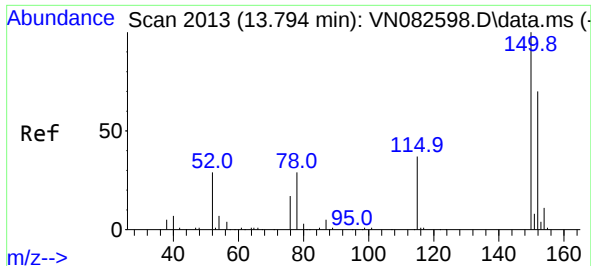
Tgt Ion:106 Resp: 530
Ion Ratio Lower Upper
106 100
91 268.7 111.3 333.9



#71
Bromoform
Concen: 0.449 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

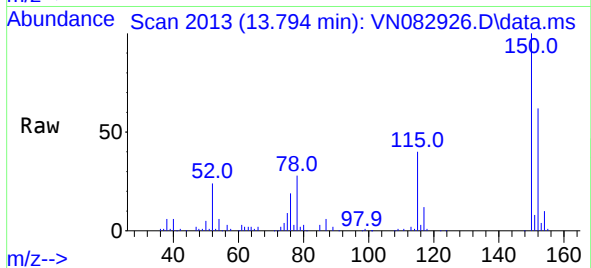
Tgt Ion:173 Resp: 466
Ion Ratio Lower Upper
173 100
175 709.9 24.0 72.0#
254 0.0 0.0 0.0



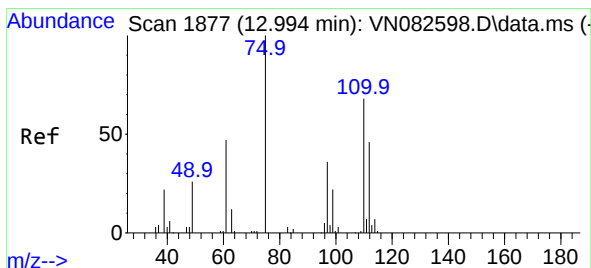
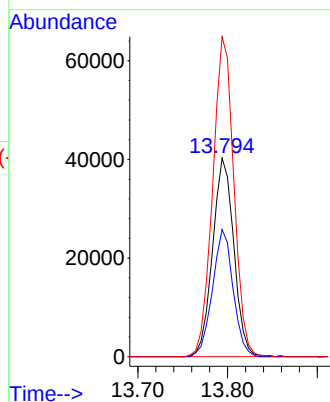
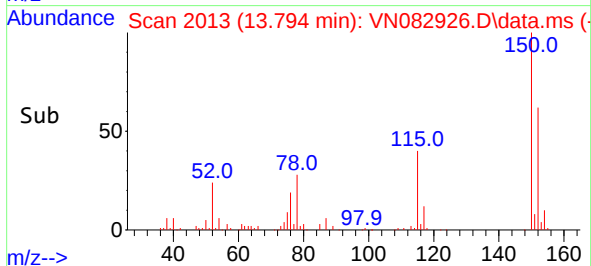


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :

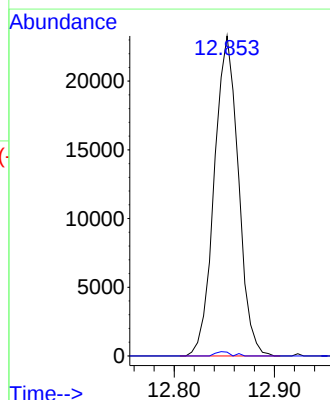
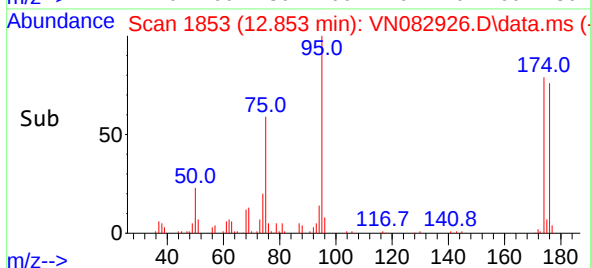
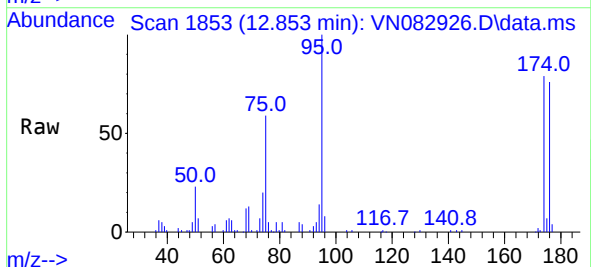


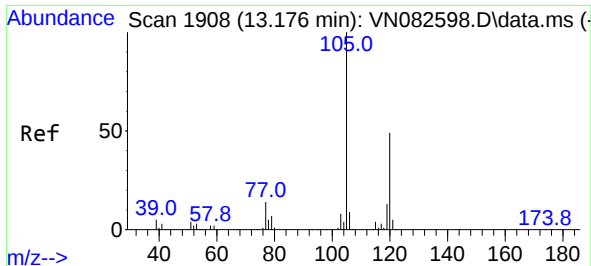
Tgt Ion:152 Resp: 66182
Ion Ratio Lower Upper
152 100
115 62.1 30.6 91.6
150 160.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 34.107 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 75 Resp: 38917
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#

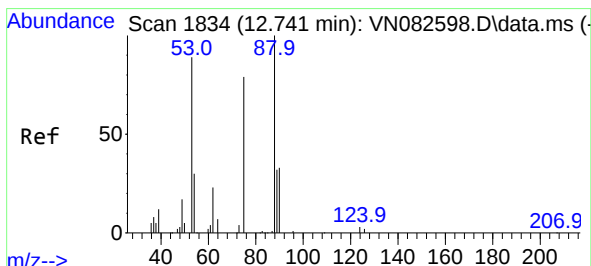
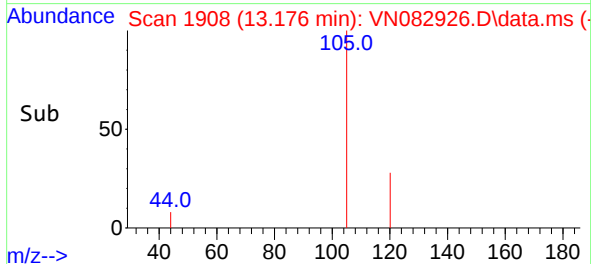
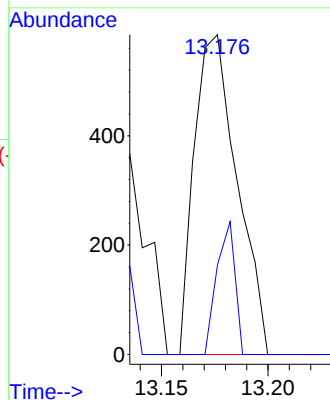
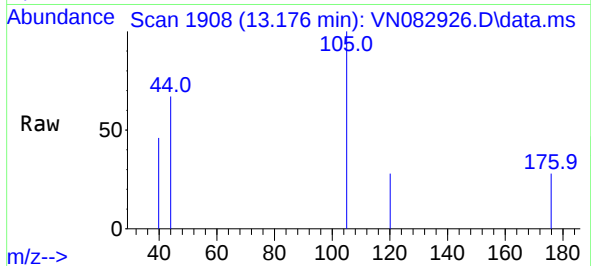




#80
1,3,5-Trimethylbenzene
Concen: 0.210 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

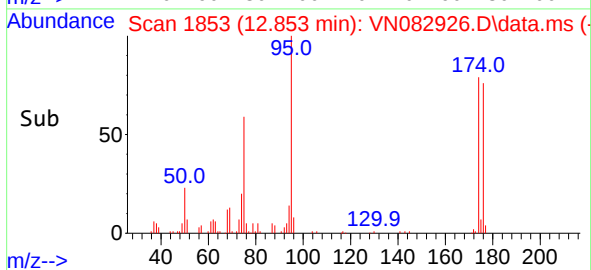
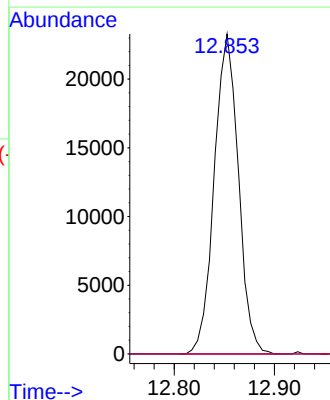
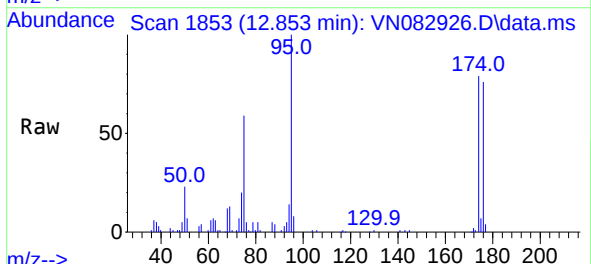
Instrument :
MSVOA_N
ClientSampleId :

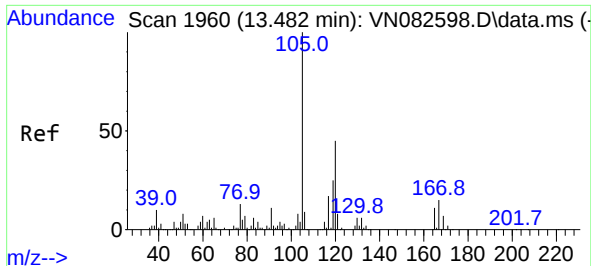
Tgt Ion:105 Resp: 818
Ion Ratio Lower Upper
105 100
120 17.6 24.3 72.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.079 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Tgt Ion: 75 Resp: 38917
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

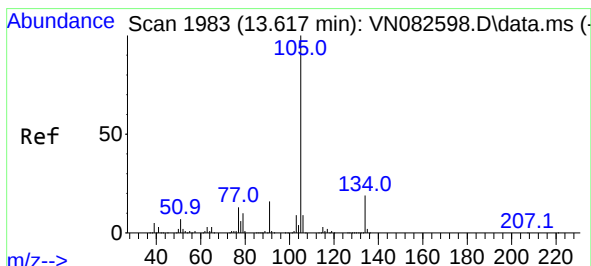
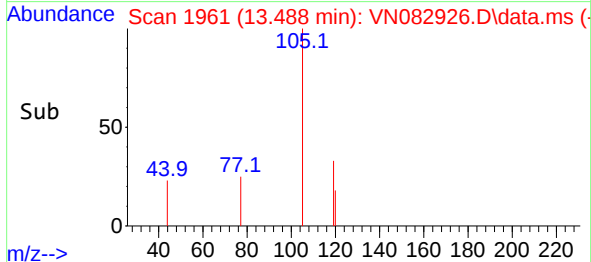
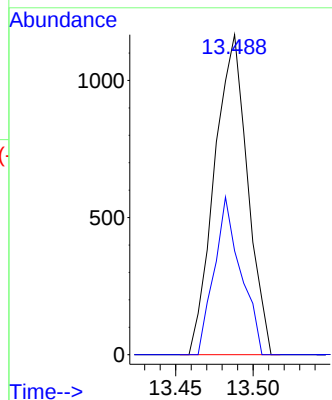
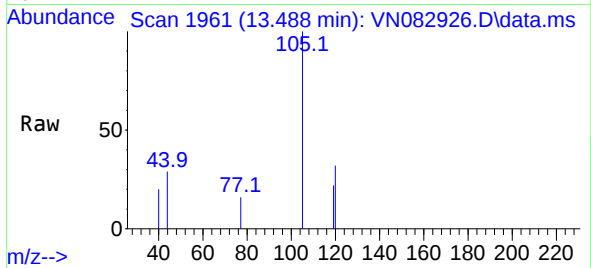




#84
1,2,4-Trimethylbenzene
Concen: 0.436 ug/l
RT: 13.488 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

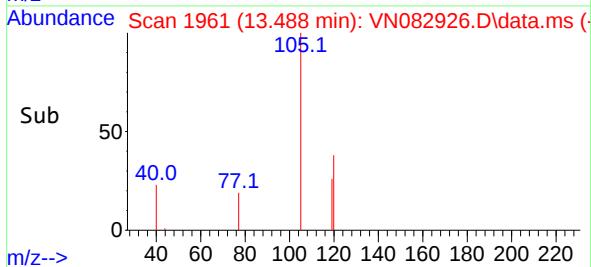
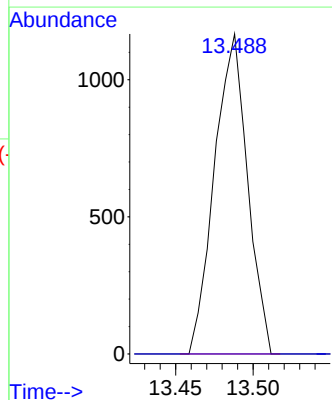
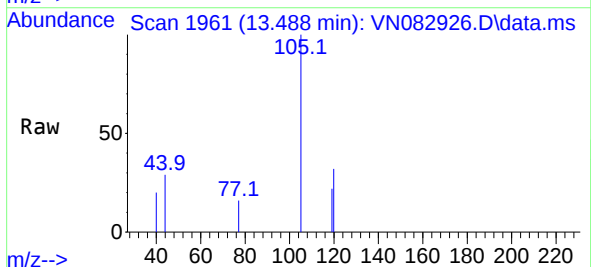
Instrument :
MSVOA_N
ClientSampleId :

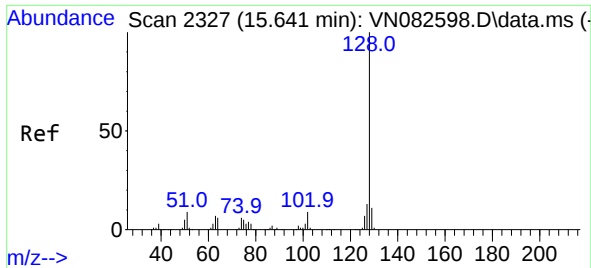
Tgt Ion:105 Resp: 1728
Ion Ratio Lower Upper
105 100
120 39.5 21.9 65.8



#85
sec-Butylbenzene
Concen: 0.371 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.129 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

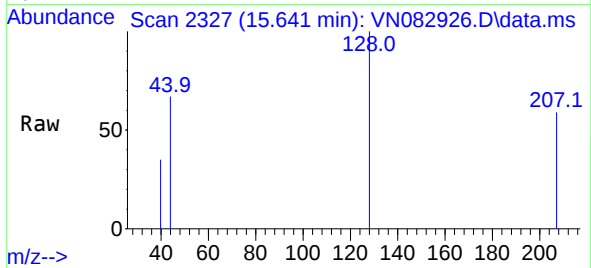
Tgt Ion:105 Resp: 1728
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#





#95
Naphthalene
Concen: 0.211 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082926.D
Acq: 15 Jul 2024 18:43

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 846
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

