

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082822.D
 Acq On : 08 Jul 2024 15:09
 Operator : JC\MD
 Sample : VN0708WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 08 17:43:14 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	8.229	168	107024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	199499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	192563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	85136	56.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.500%	
35) Dibromofluoromethane	8.165	113	69350	54.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.340%	
50) Toluene-d8	10.570	98	249223	52.710	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.853	95	87311	51.408	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.820%	

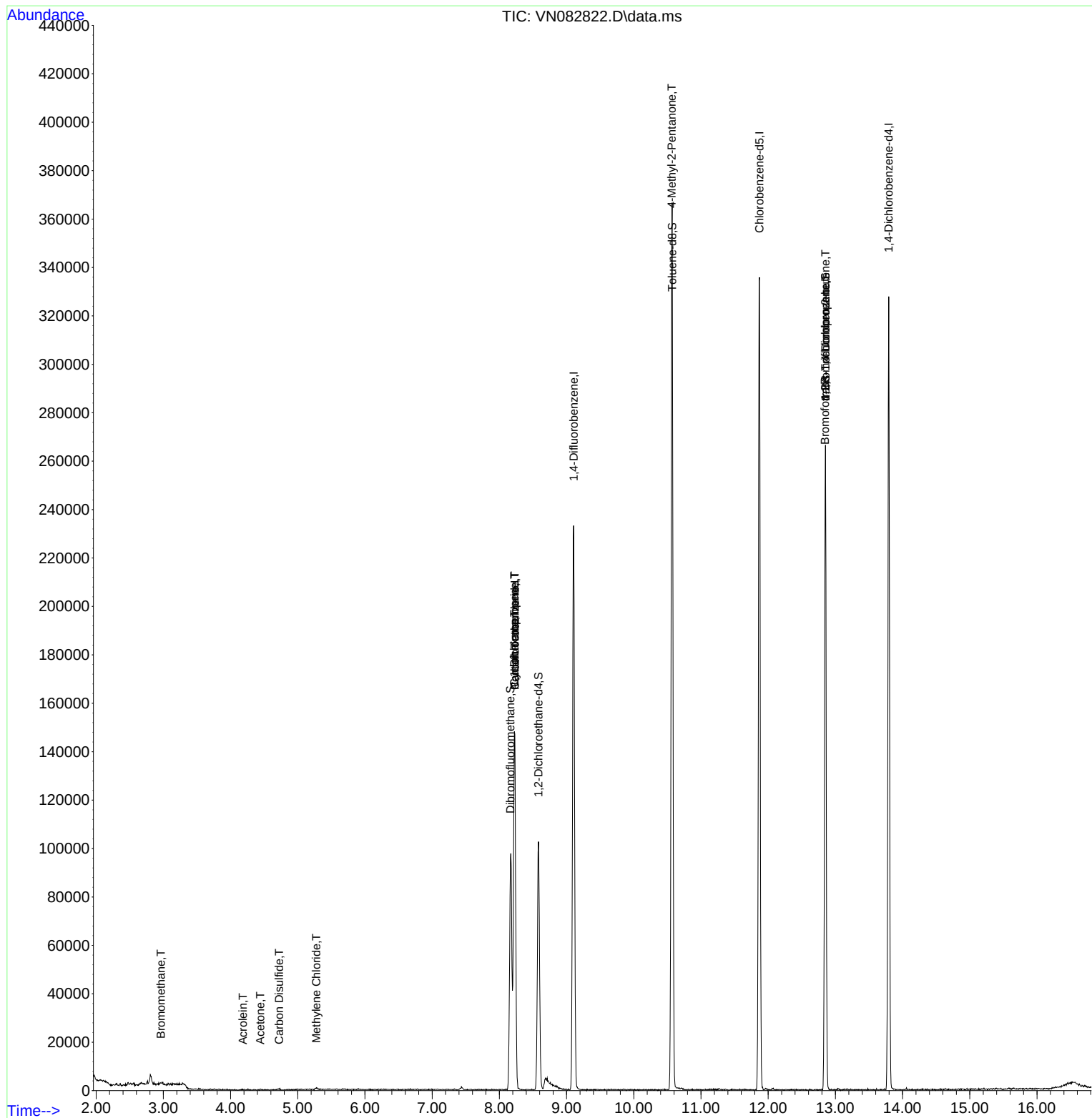
Target Compounds			Qvalue			
5) Bromomethane	2.965	94	515	0.518	ug/l	81
13) Acrolein	4.183	56	61	0.335	ug/l #	14
16) Acetone	4.441	43	317	0.600	ug/l #	48
17) Carbon Disulfide	4.724	76	956	0.293	ug/l #	75
20) Methylene Chloride	5.277	84	487	0.382	ug/l #	65
31) Cyclohexane	8.224	56	2704	1.379	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	9587	5.432	ug/l #	50
38) Carbon Tetrachloride	8.229	117	11744	5.526	ug/l #	16
43) Isopropyl Acetate	8.688	43	3940	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1152	0.647	ug/l #	1
71) Bromoform	12.847	173	527	0.457	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	49341	34.495	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	49341	67.842	ug/l #	6

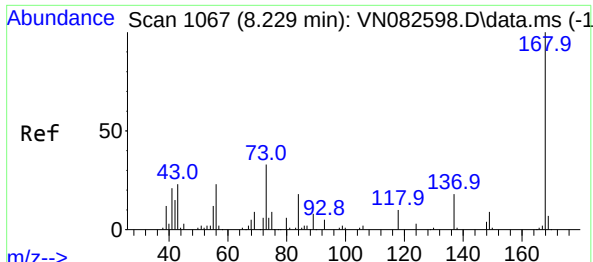
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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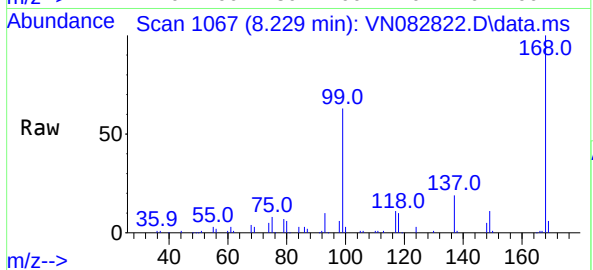
Quant Time: Jul 08 17:43:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



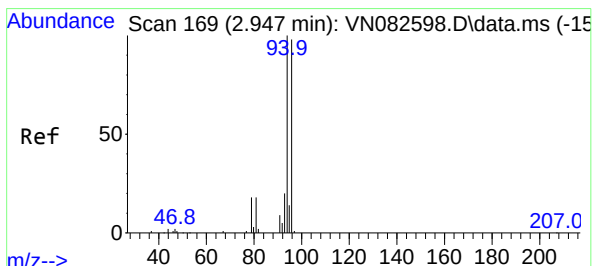
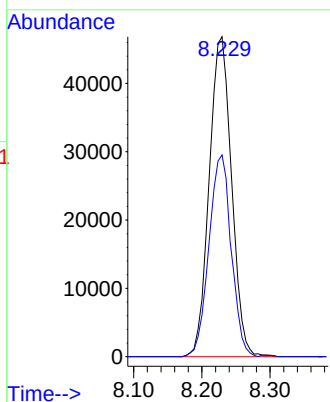
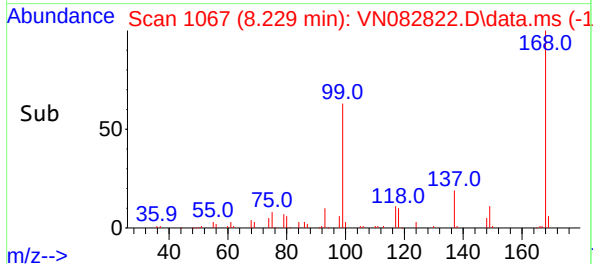


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :

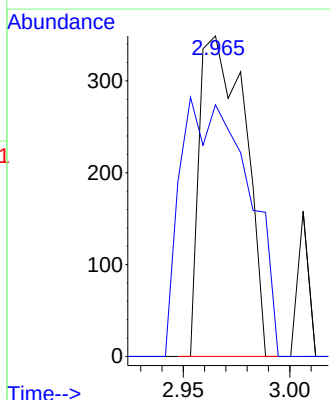
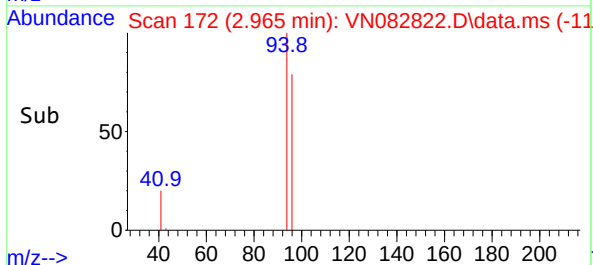
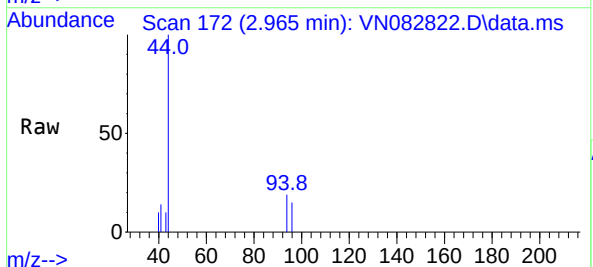


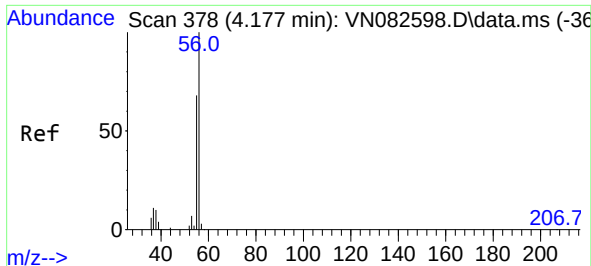
Tgt Ion:168 Resp: 107024
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4



#5
Bromomethane
Concen: 0.518 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 78.5 78.0 117.0

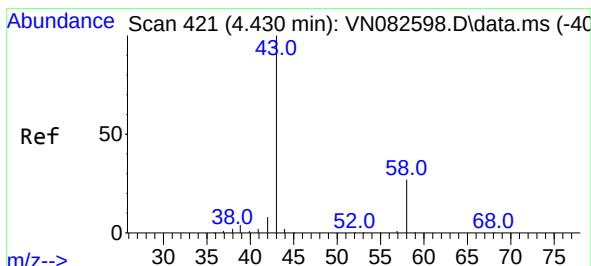
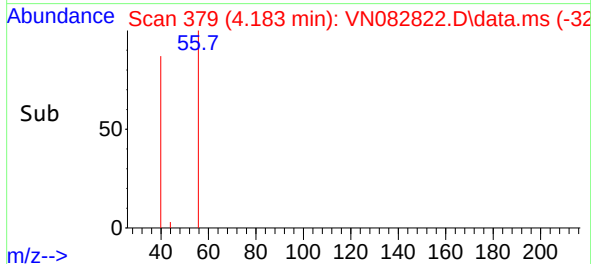
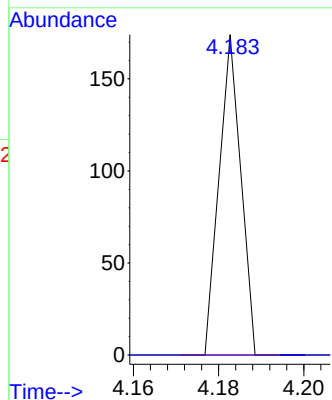
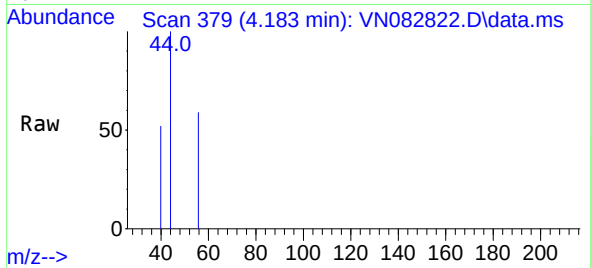




#13
Acrolein
Concen: 0.335 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

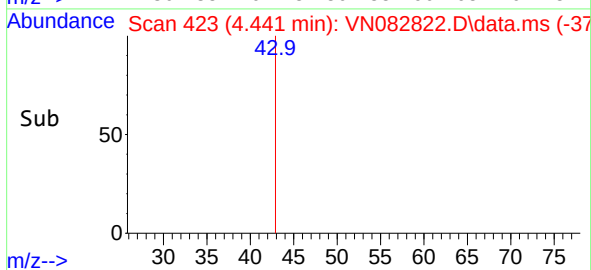
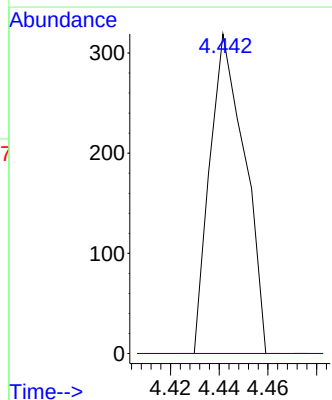
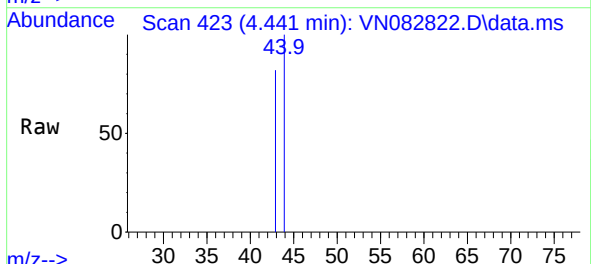
Instrument :
MSVOA_N
ClientSampleId :

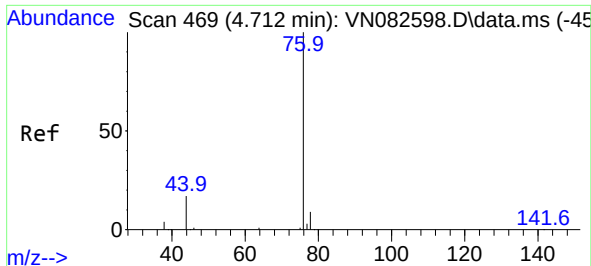
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.600 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

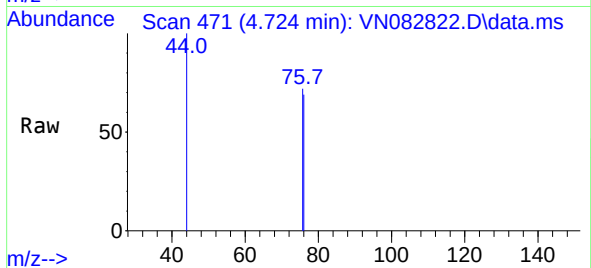
Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



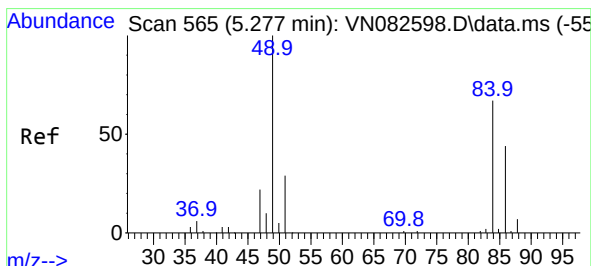
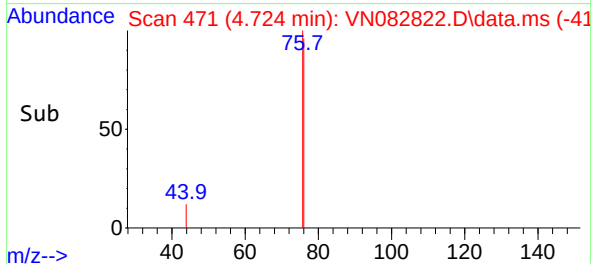
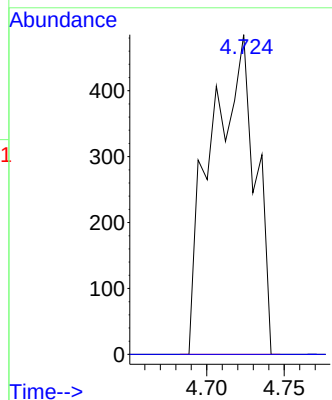


#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :

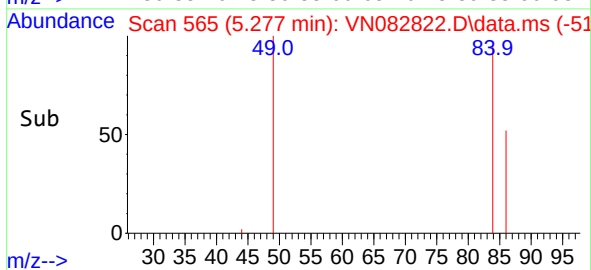
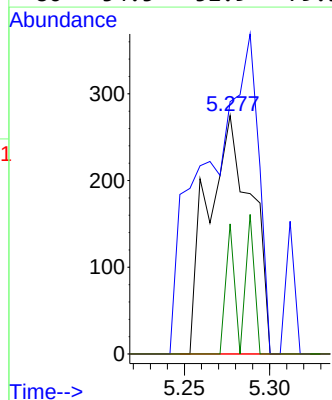
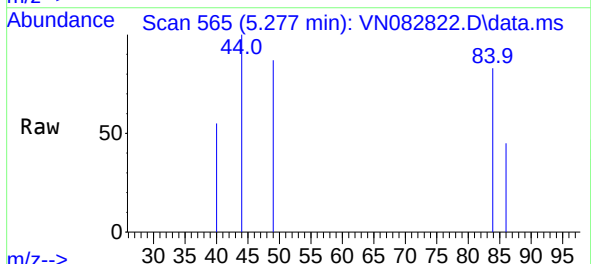


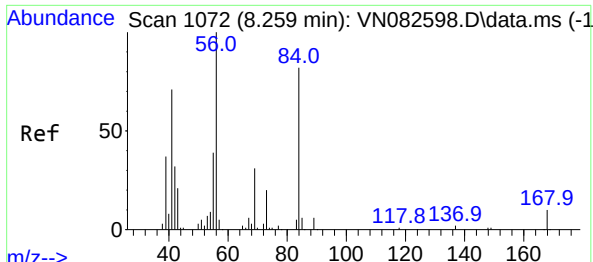
Tgt Ion: 76 Resp: 956
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

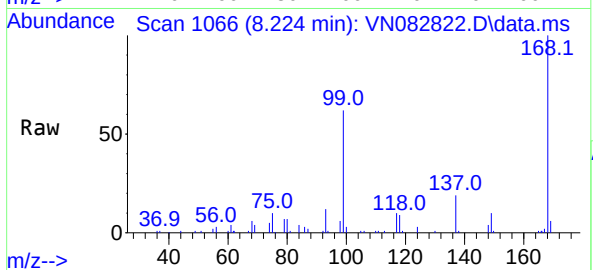
Tgt Ion: 84 Resp: 487
Ion Ratio Lower Upper
84 100
49 105.8 119.6 179.4#
51 0.0 34.8 52.2#
86 54.5 52.9 79.3



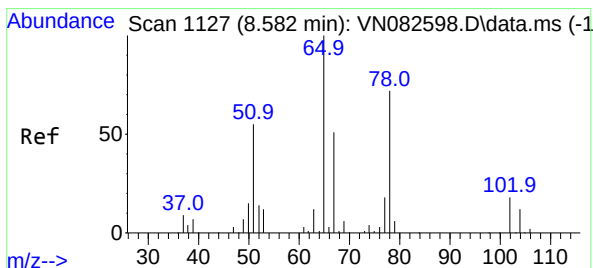
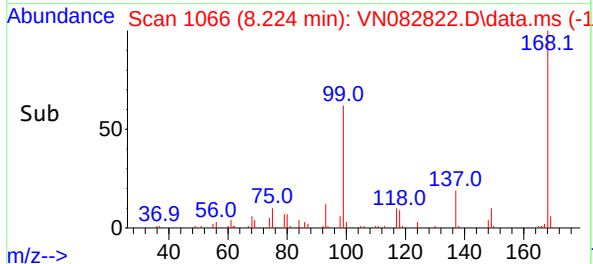
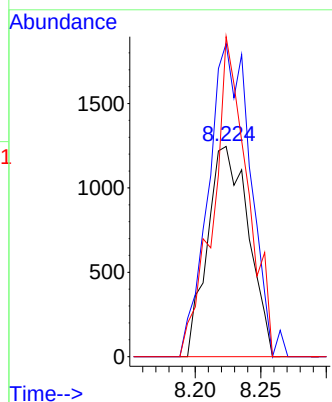


#31
Cyclohexane
Concen: 1.379 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :

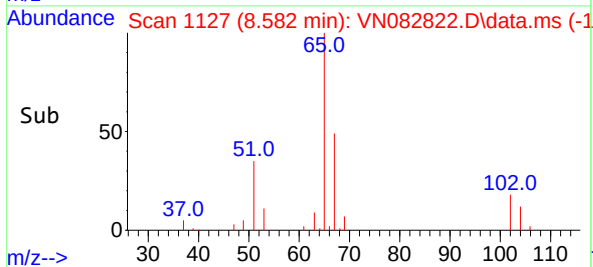
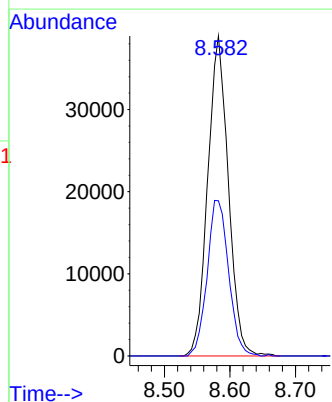
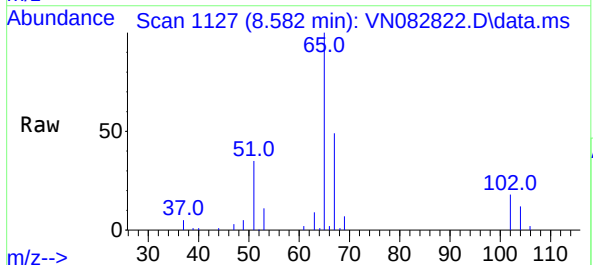


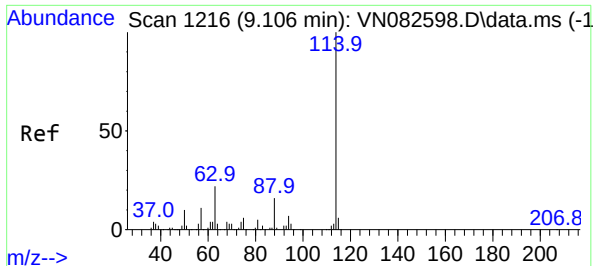
Tgt Ion: 56 Resp: 2704
Ion Ratio Lower Upper
56 100
69 148.9 24.5 36.7#
84 152.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.748 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

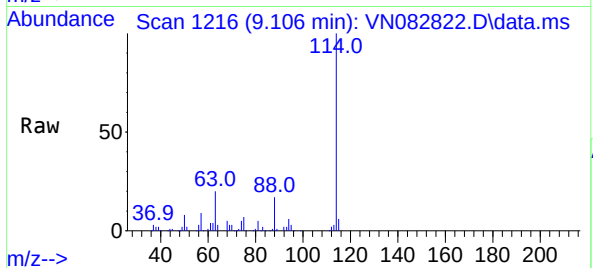
Tgt Ion: 65 Resp: 85136
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4



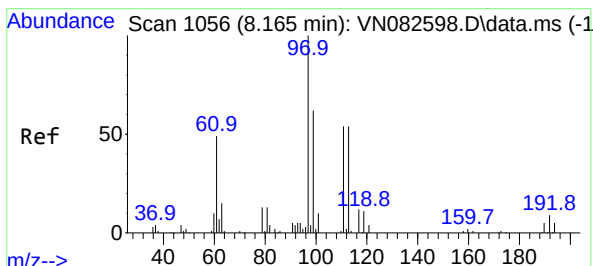
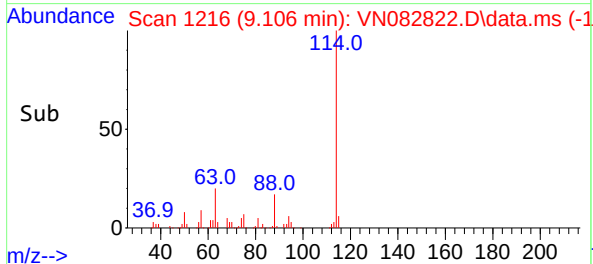
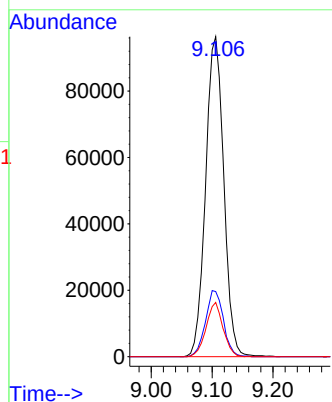


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :

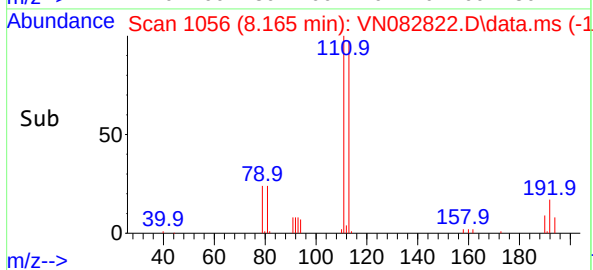
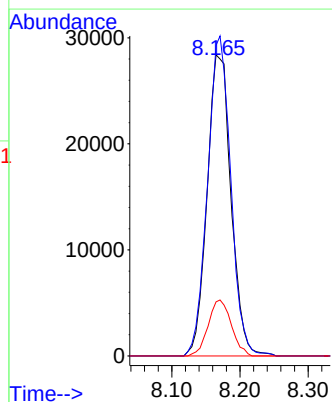
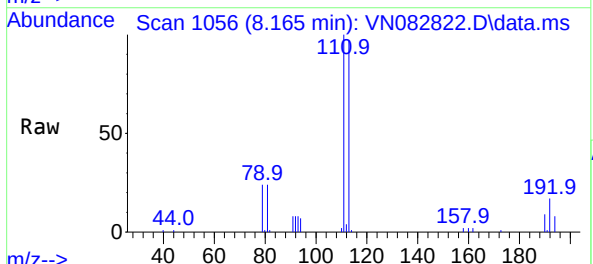


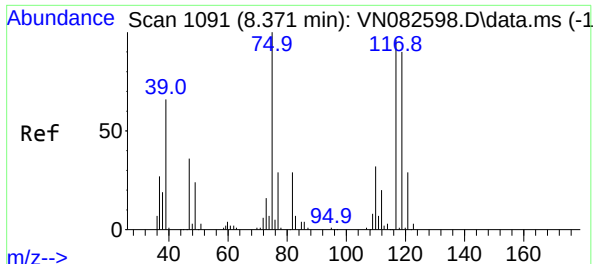
Tgt Ion:114 Resp: 199499
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.6
88 16.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.174 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

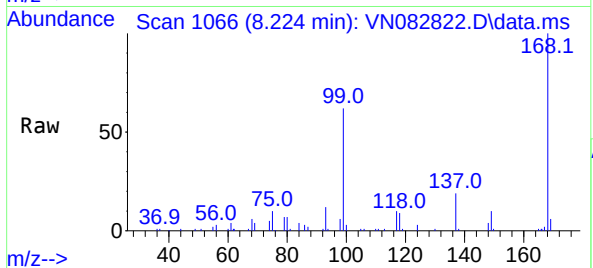
Tgt Ion:113 Resp: 69350
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.0 14.9 22.3



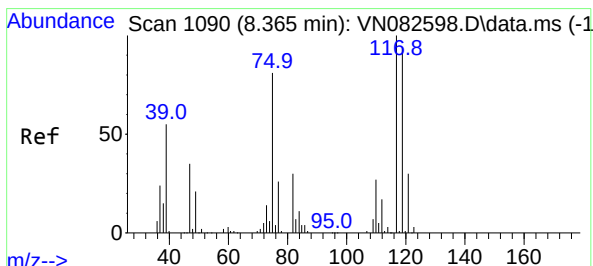
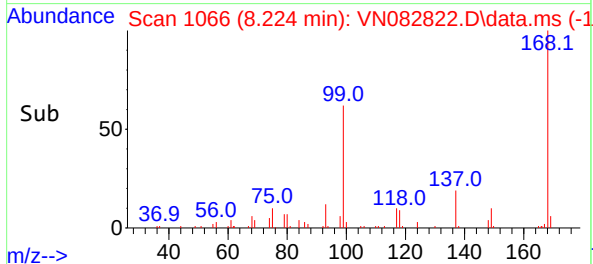
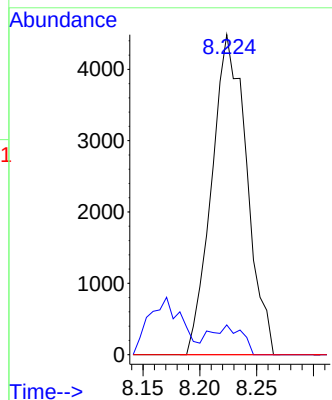


#36
1,1-Dichloropropene
Concen: 5.432 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Instrument :
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ClientSampleId :

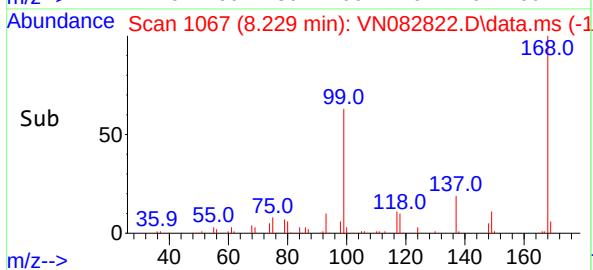
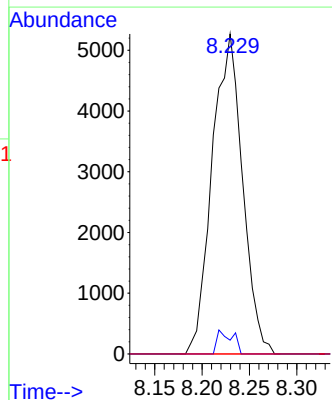
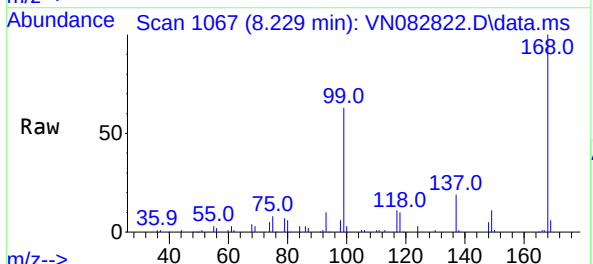


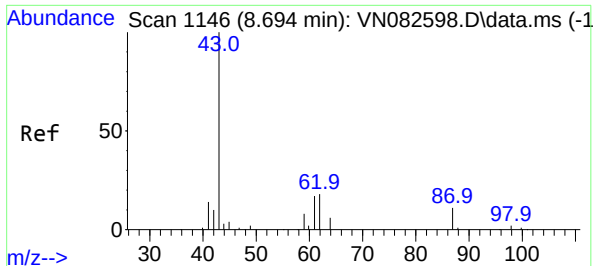
Tgt Ion: 75 Resp: 9587
Ion Ratio Lower Upper
75 100
110 8.3 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.526 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

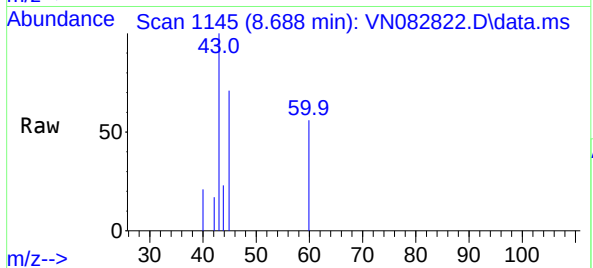
Tgt Ion: 117 Resp: 11744
Ion Ratio Lower Upper
117 100
119 4.3 74.9 112.3#
121 0.0 24.3 36.5#



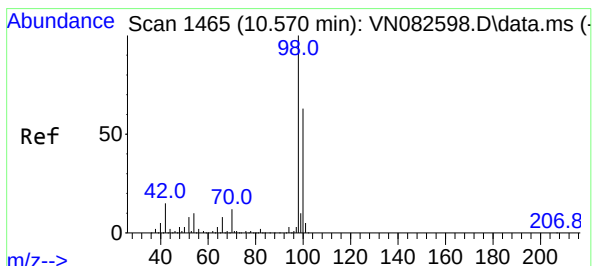
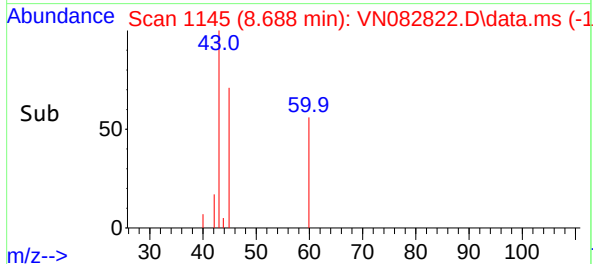
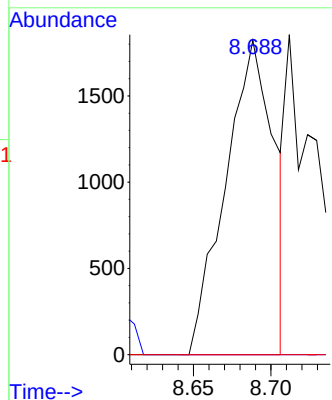


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :

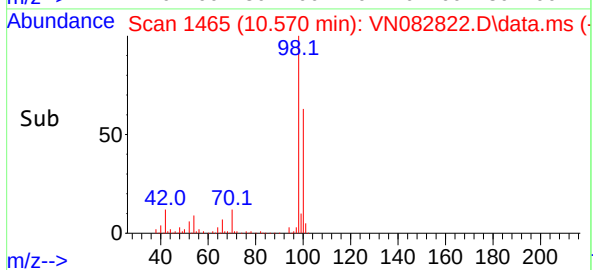
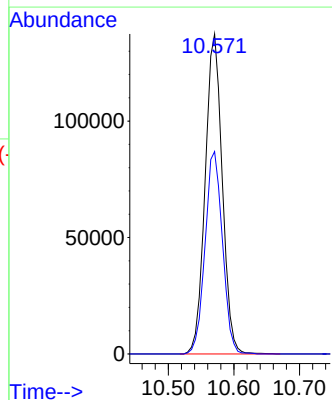
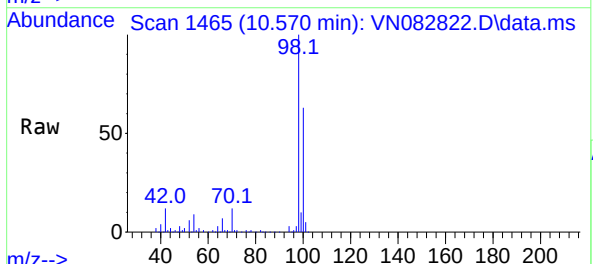


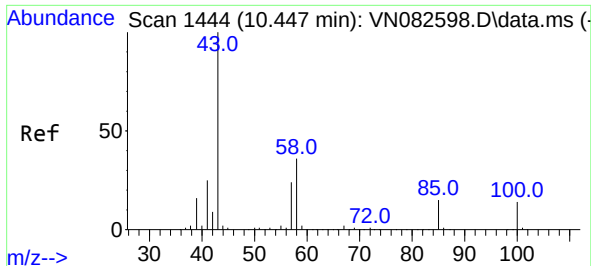
Tgt Ion: 43 Resp: 3940
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 52.710 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Tgt Ion: 98 Resp: 249223
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

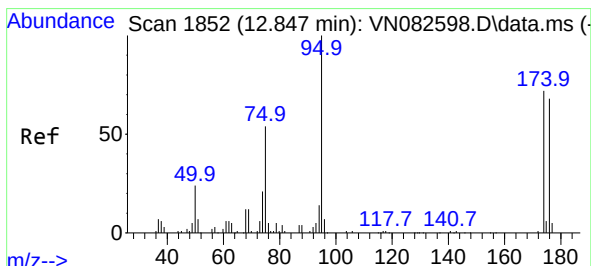
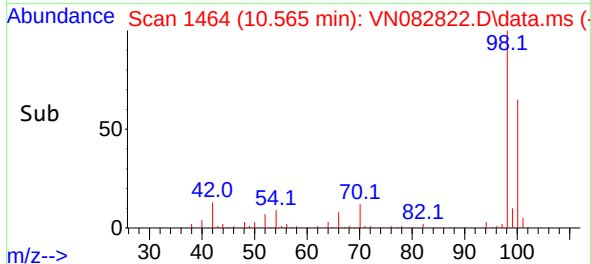
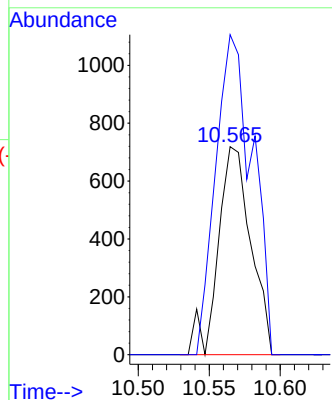
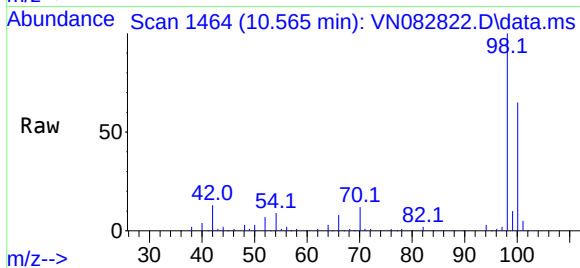




#51
4-Methyl-2-Pentanone
Concen: 0.647 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

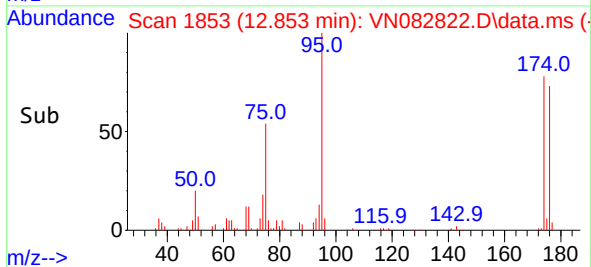
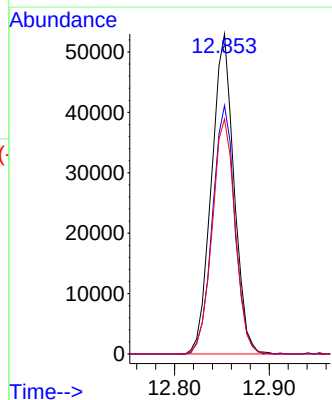
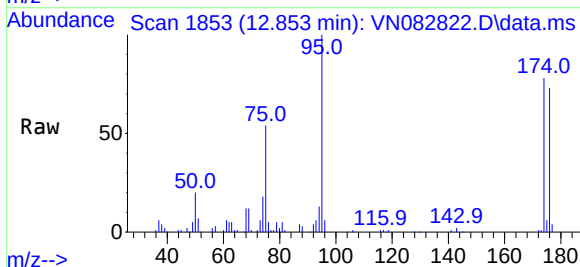
Instrument :
MSVOA_N
ClientSampleId :

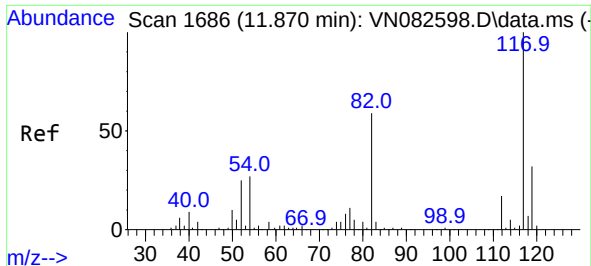
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 173.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 51.408 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

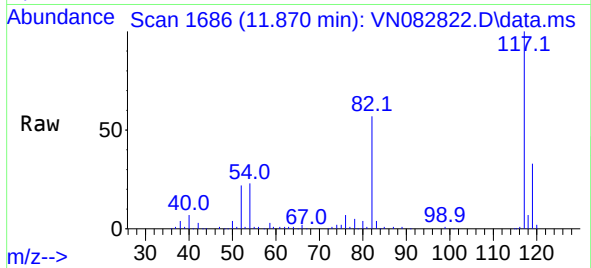
Tgt Ion: 95 Resp: 87311
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.2
176 74.8 0.0 147.6



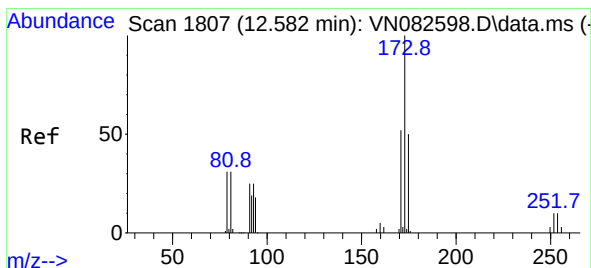
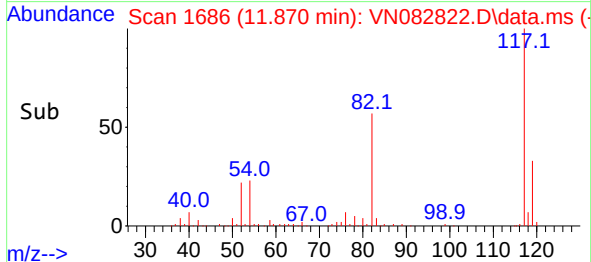
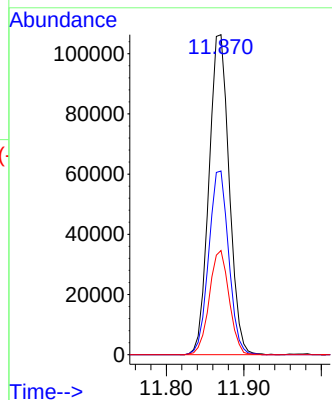


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :

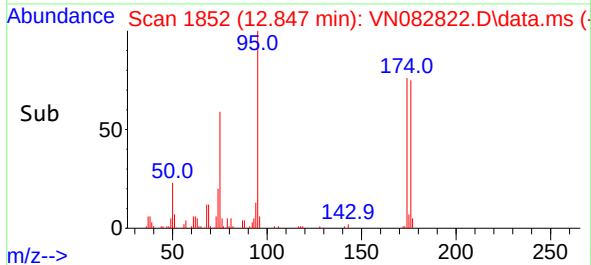
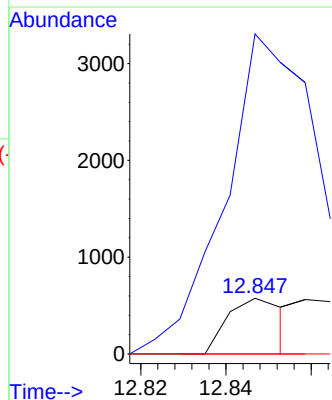
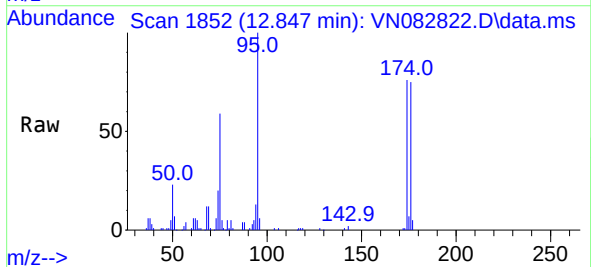


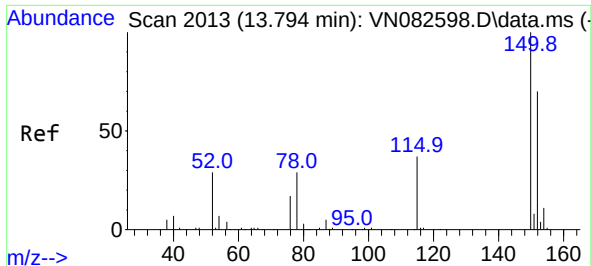
Tgt Ion:117 Resp: 192563
Ion Ratio Lower Upper
117 100
82 57.4 47.5 71.3
119 32.5 25.6 38.4



#71
Bromoform
Concen: 0.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

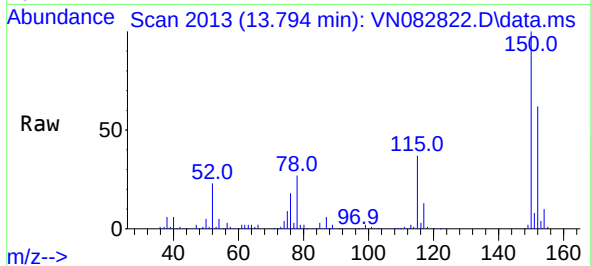
Tgt Ion:173 Resp: 527
Ion Ratio Lower Upper
173 100
175 826.2 24.0 72.0#
254 0.0 0.0 0.0



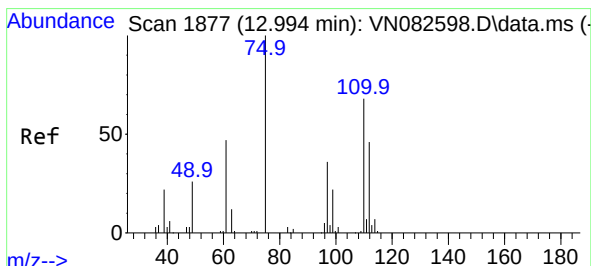
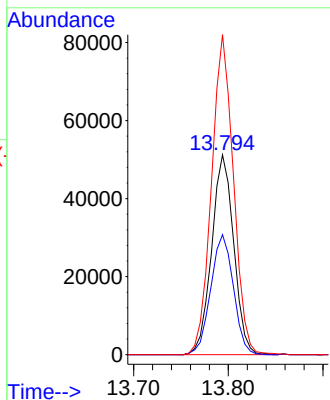
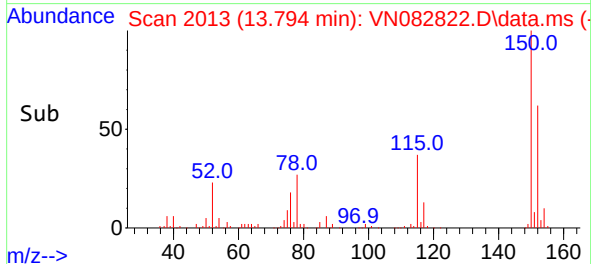


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :

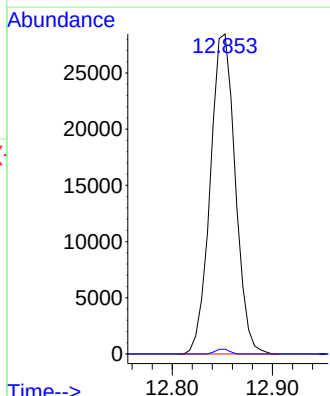
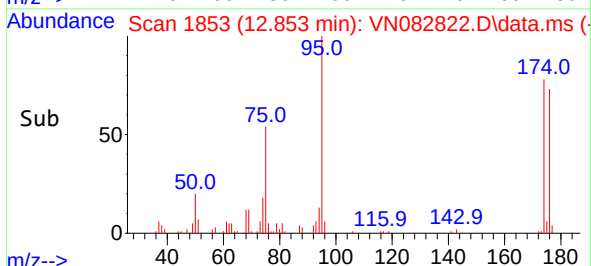
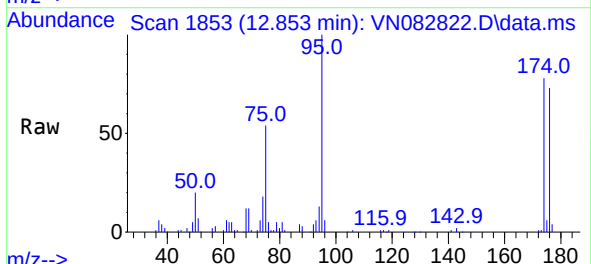


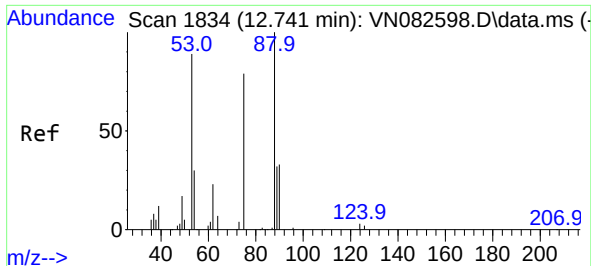
Tgt Ion:152 Resp: 82965
Ion Ratio Lower Upper
152 100
115 61.6 30.6 91.6
150 158.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 34.495 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

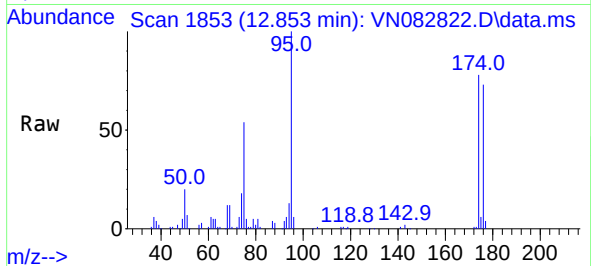
Tgt Ion: 75 Resp: 49341
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.842 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082822.D
 Acq: 08 Jul 2024 15:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 49341

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

