

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083064.D
 Acq On : 30 Jul 2024 13:13
 Operator : JC\MD
 Sample : VN0730WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 16:41:02 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)

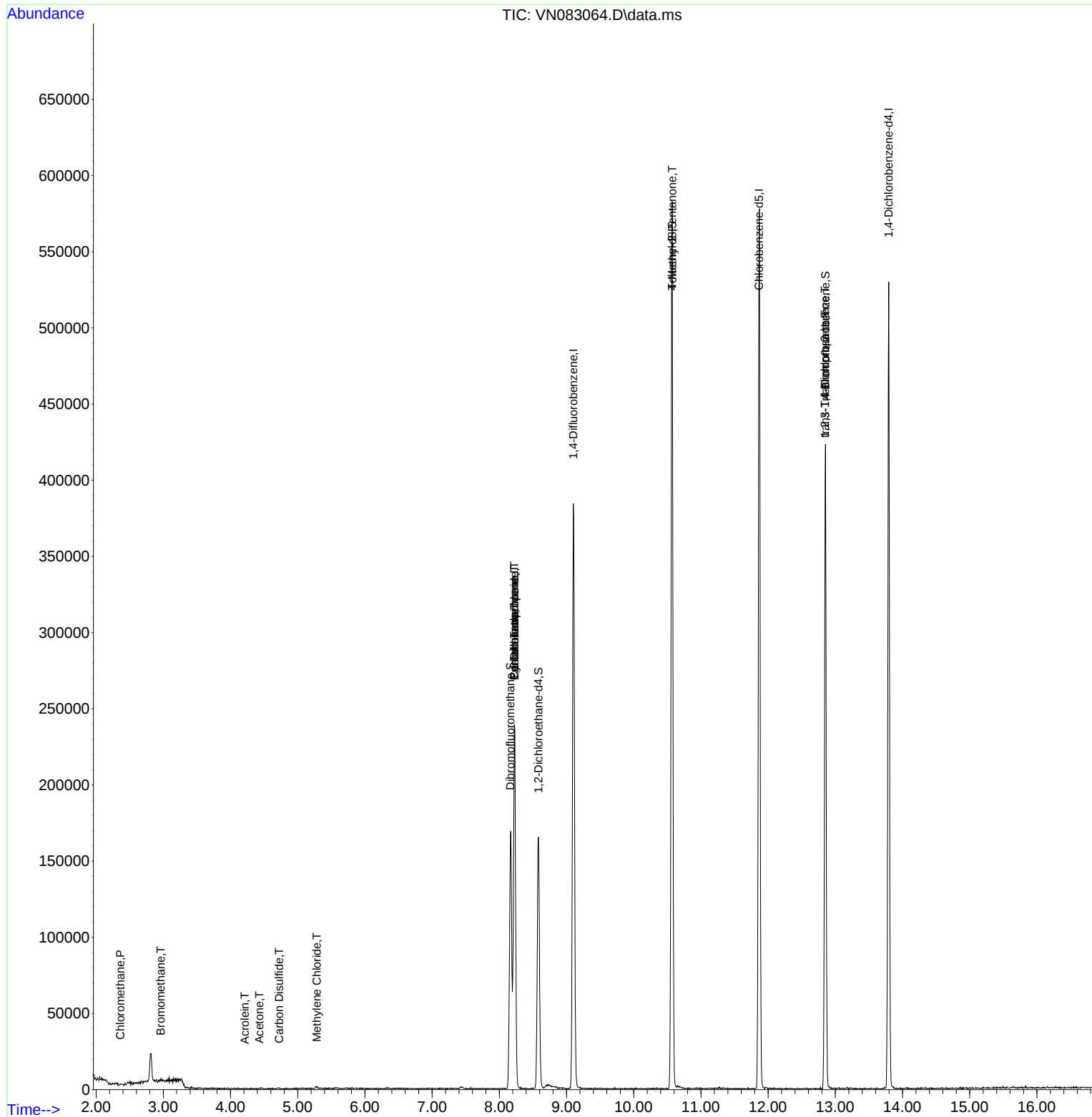
Internal Standards						
1) Pentafluorobenzene	8.224	168	162172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138860	61.082	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 122.160%		
35) Dibromofluoromethane	8.165	113	117708	57.122	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 114.240%		
50) Toluene-d8	10.571	98	390457	51.302	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.600%		
62) 4-Bromofluorobenzene	12.853	95	129303	47.296	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 94.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	546	0.274	ug/l #	43
5) Bromomethane	2.959	94	410	0.272	ug/l #	74
13) Acrolein	4.212	56	138	0.500	ug/l #	72
16) Acetone	4.430	43	280	0.350	ug/l #	48
17) Carbon Disulfide	4.724	76	1700	0.344	ug/l #	75
20) Methylene Chloride	5.283	84	585	0.303	ug/l #	57
31) Cyclohexane	8.224	56	4201	1.413	ug/l #	2
36) 1,1-Dichloropropene	8.224	75	14828	5.219	ug/l #	53
38) Carbon Tetrachloride	8.224	117	17480	5.110	ug/l #	18
43) Isopropyl Acetate	8.694	43	1025	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	2345	0.818	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	74578	32.505	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74578	63.927	ug/l #	6

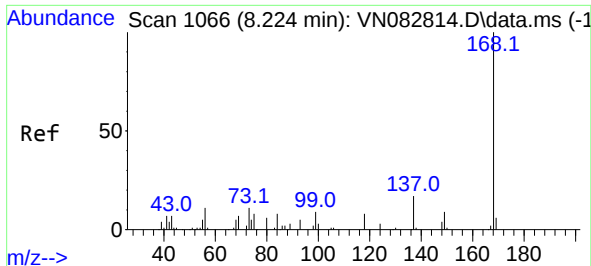
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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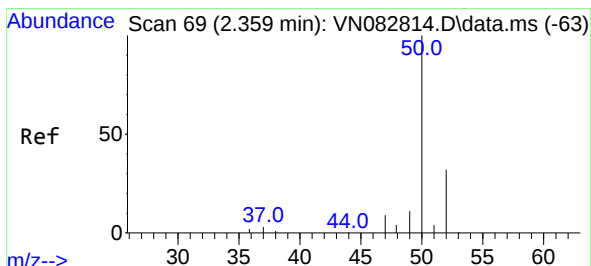
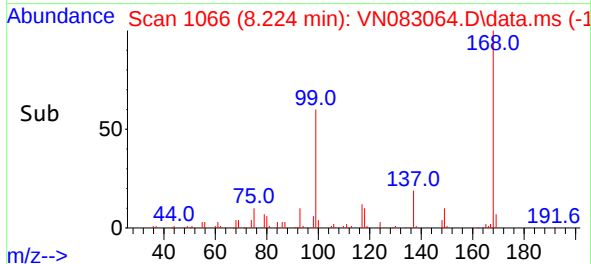
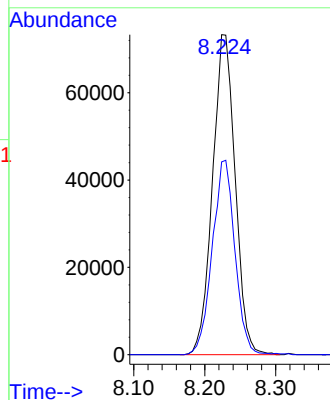
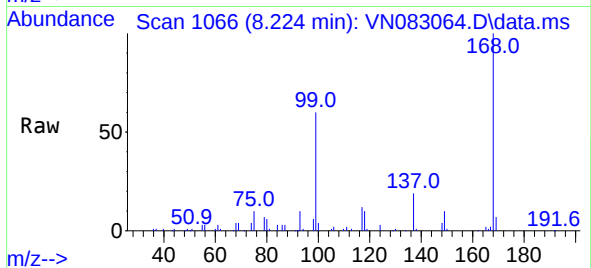




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

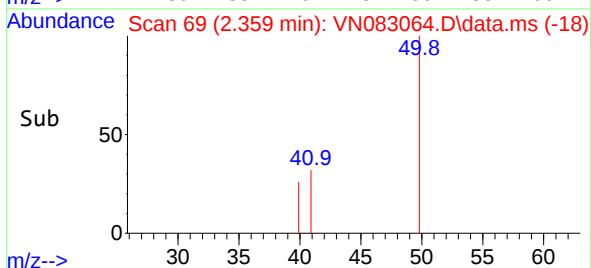
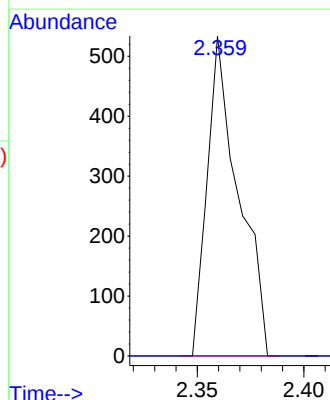
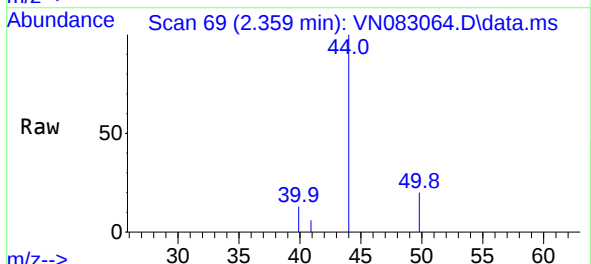
Instrument :
MSVOA_N
ClientSampleId :

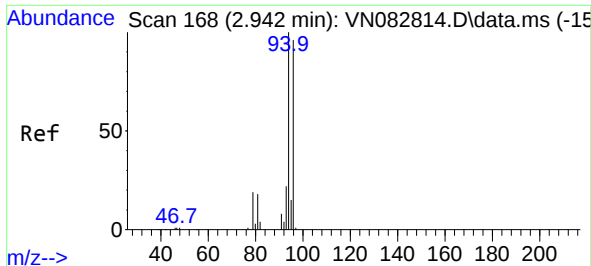
Tgt Ion:168 Resp: 162172
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

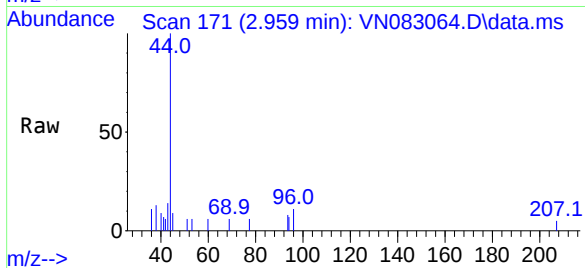
Tgt Ion: 50 Resp: 546
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



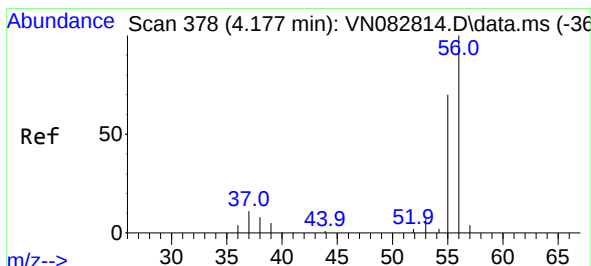
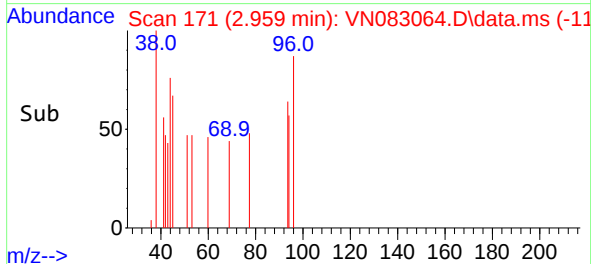
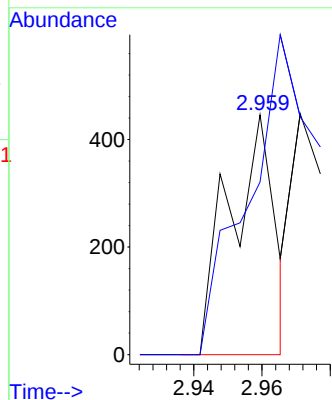


#5
Bromomethane
Concen: 0.272 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

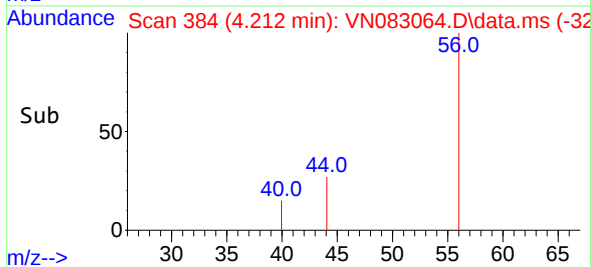
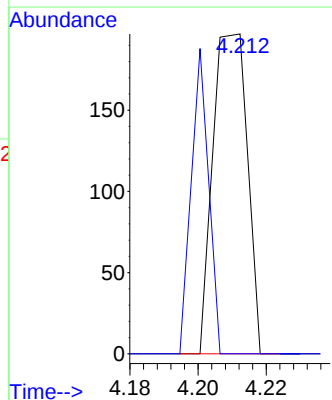
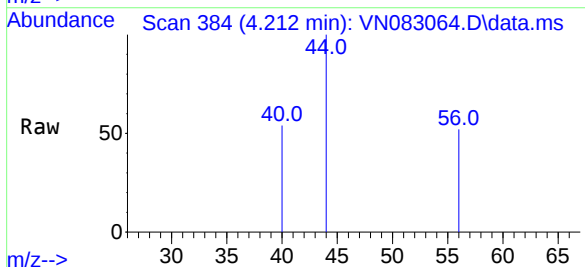


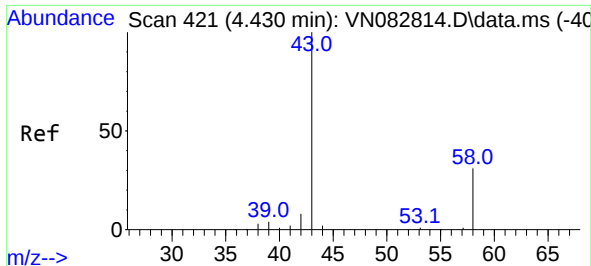
Tgt Ion: 94 Resp: 410
Ion Ratio Lower Upper
94 100
96 72.0 78.0 117.0#



#13
Acrolein
Concen: 0.500 ug/l
RT: 4.212 min Scan# 384
Delta R.T. 0.035 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 47.8 56.4 84.6#

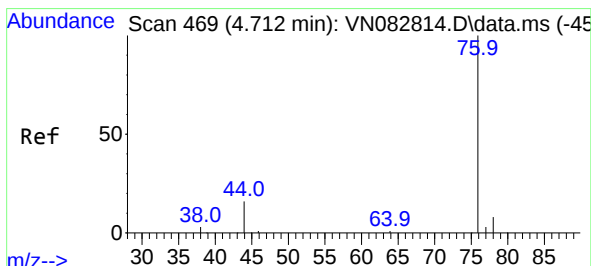
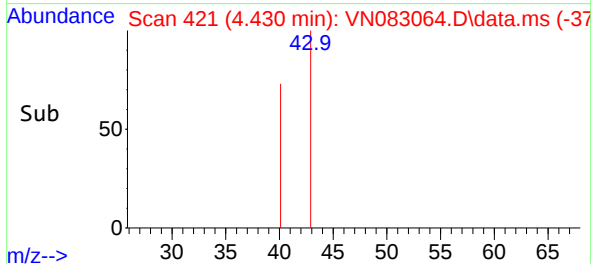
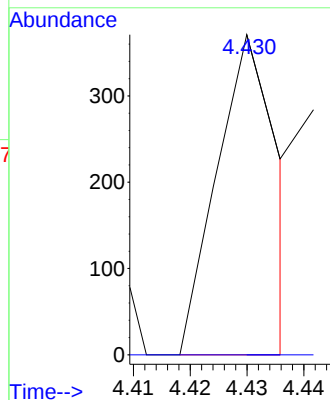
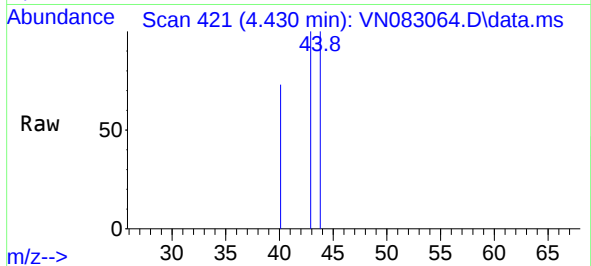




#16
Acetone
Concen: 0.350 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

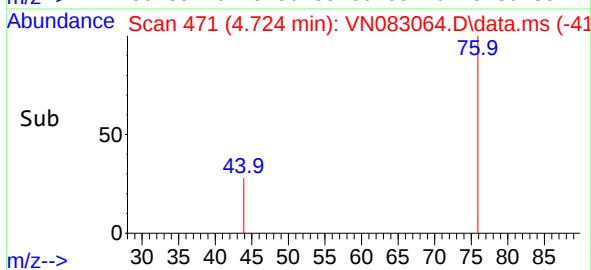
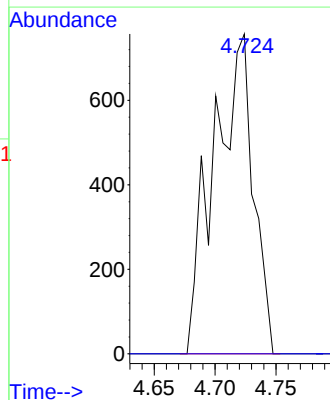
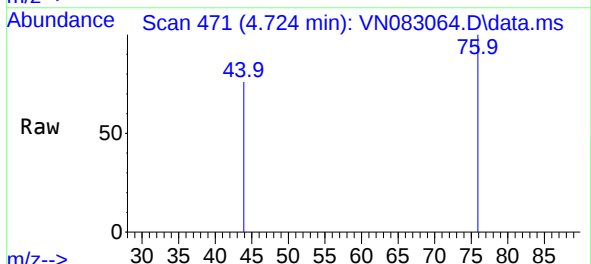
Instrument :
MSVOA_N
ClientSampleId :

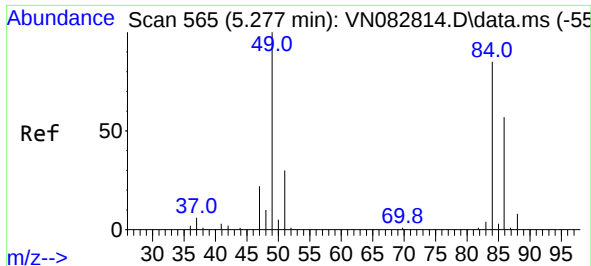
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.344 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

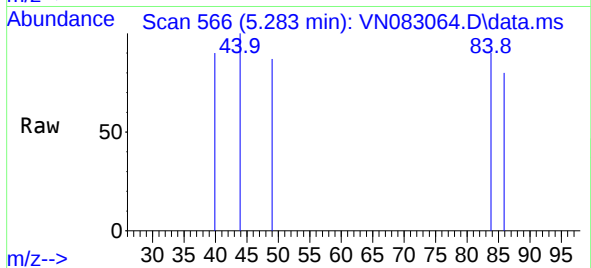
Tgt Ion: 76 Resp: 1700
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





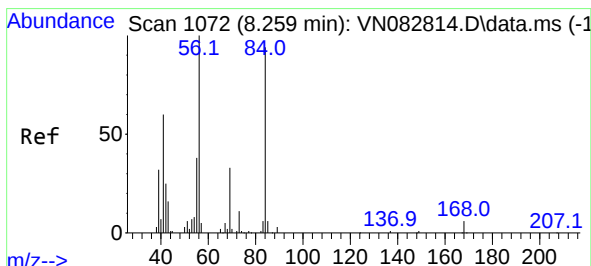
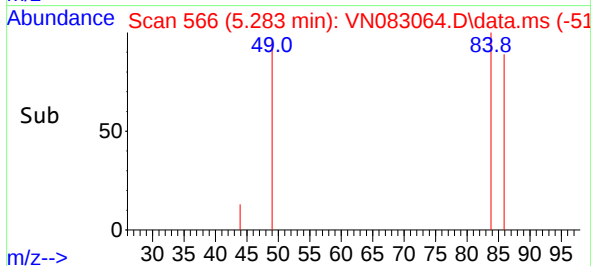
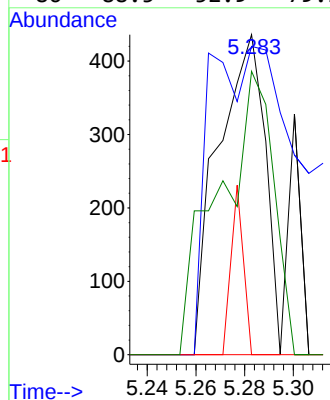
#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 585

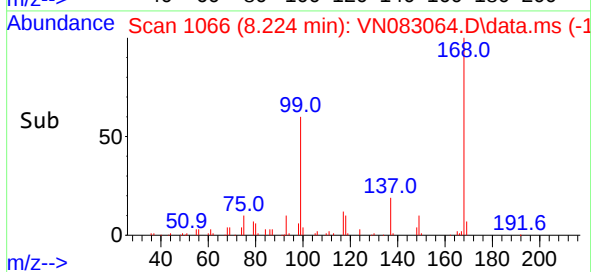
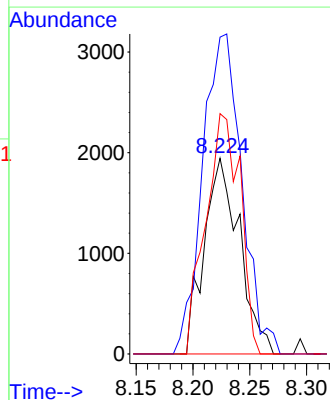
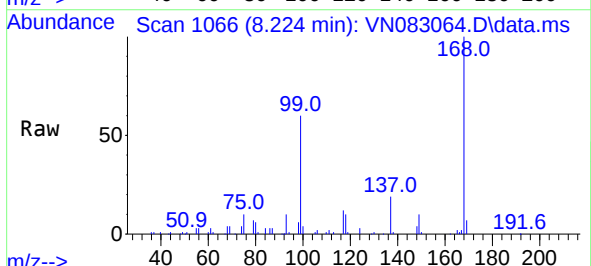
Ion	Ratio	Lower	Upper
84	100		
49	96.3	119.6	179.4#
51	0.0	34.8	52.2#
86	88.5	52.9	79.3#

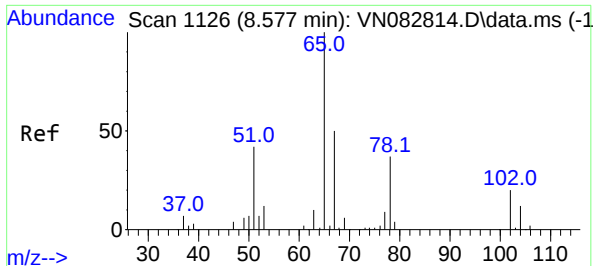


#31
Cyclohexane
Concen: 1.413 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Tgt Ion: 56 Resp: 4201

Ion	Ratio	Lower	Upper
56	100		
69	162.0	24.5	36.7#
84	122.9	66.0	99.0#

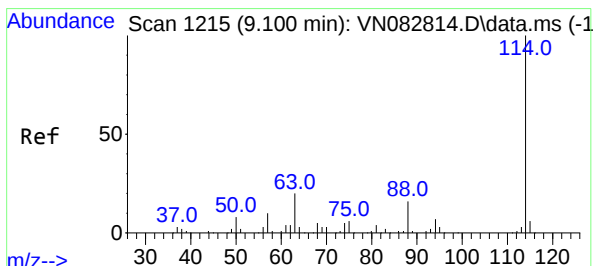
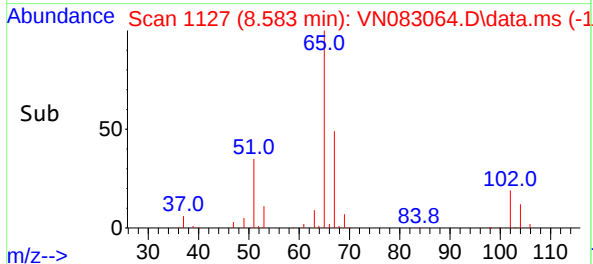
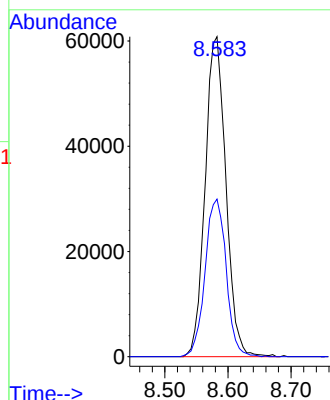
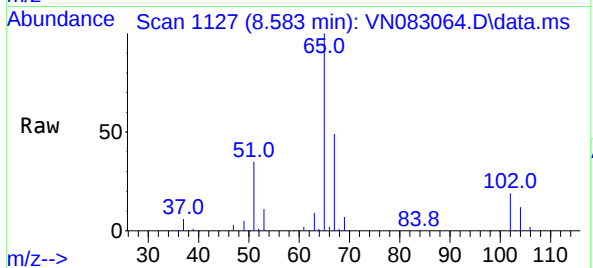




#33
1,2-Dichloroethane-d4
Concen: 61.082 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

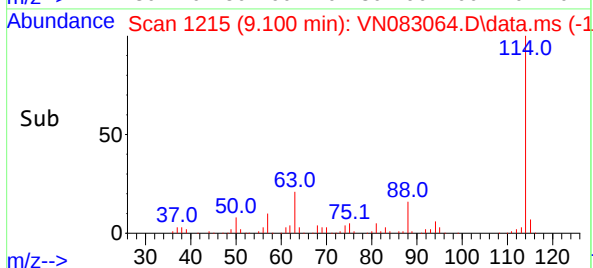
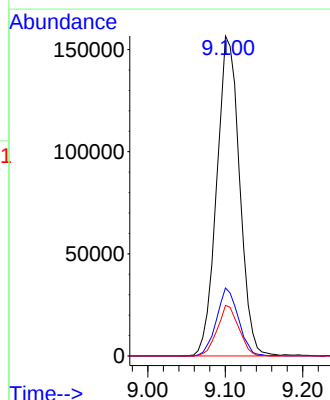
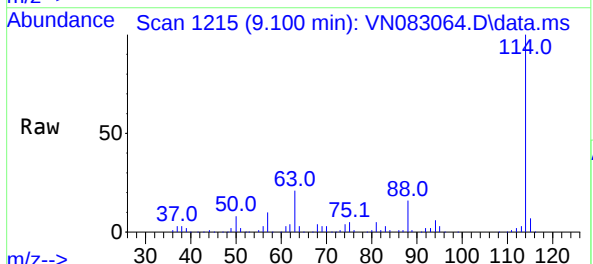
Instrument :
MSVOA_N
ClientSampleId :

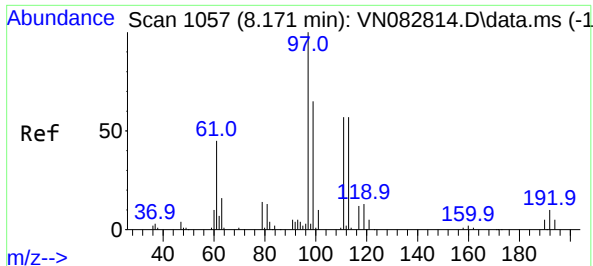
Tgt Ion: 65 Resp: 138860
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

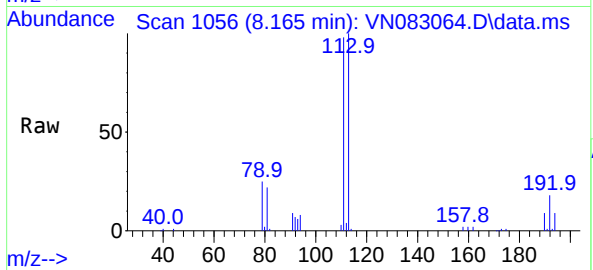
Tgt Ion: 114 Resp: 321136
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.6
88 15.8 0.0 31.4



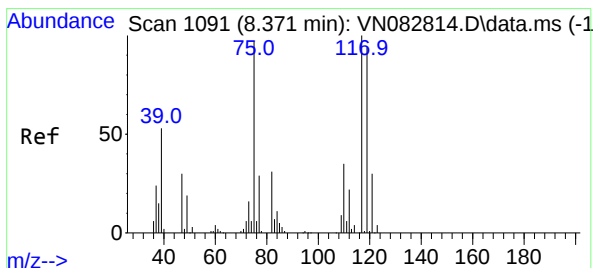
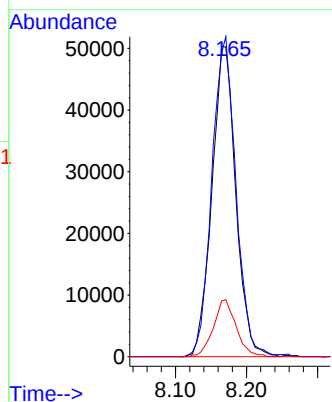
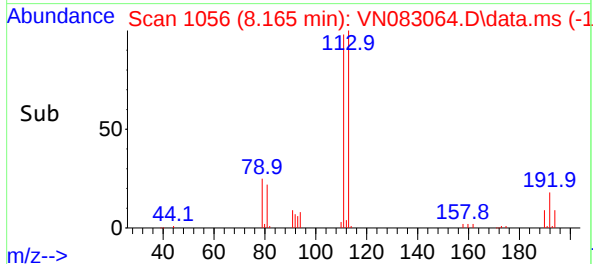


#35
Dibromofluoromethane
Concen: 57.122 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

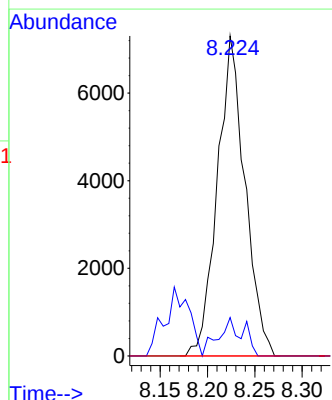
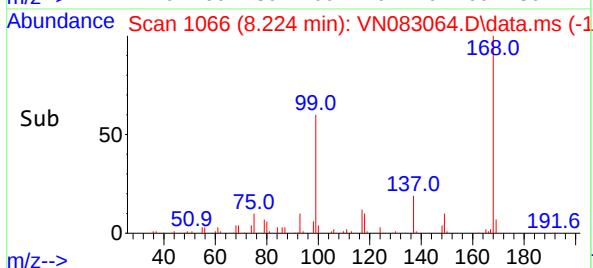
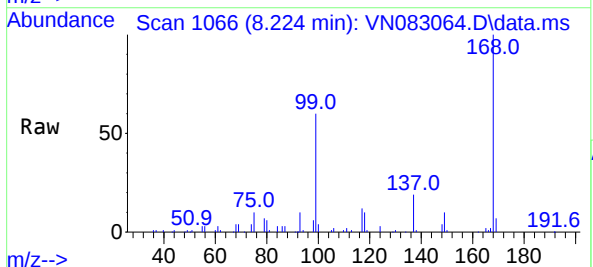


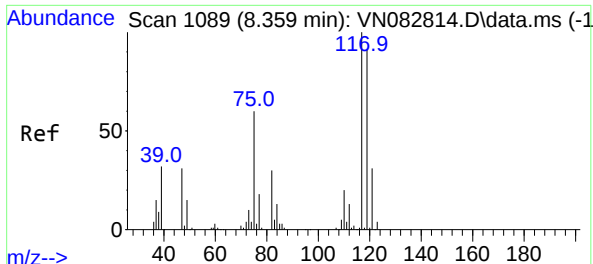
Tgt Ion:113 Resp: 117708
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 17.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.219 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

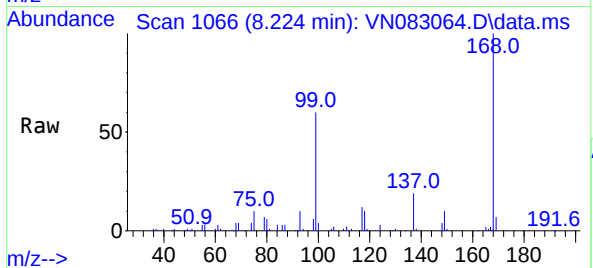
Tgt Ion: 75 Resp: 14828
Ion Ratio Lower Upper
75 100
110 10.6 16.3 48.9#
77 0.0 24.6 37.0#



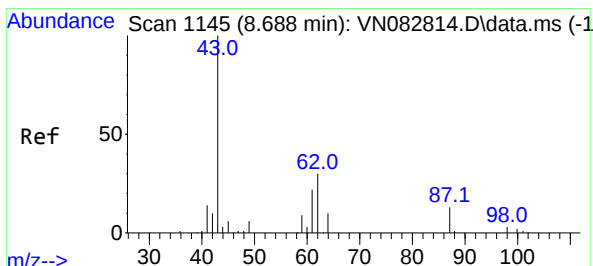
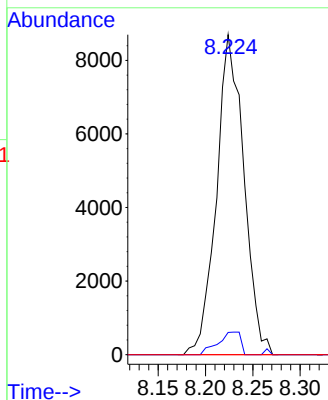
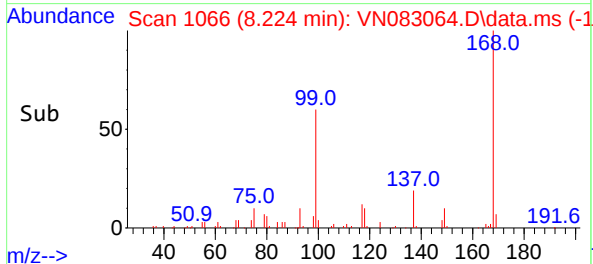


#38
Carbon Tetrachloride
Concen: 5.110 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

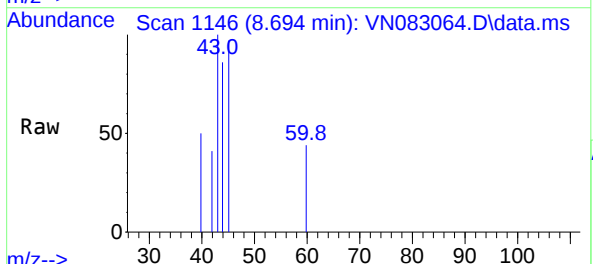
Instrument :
MSVOA_N
ClientSampleId :



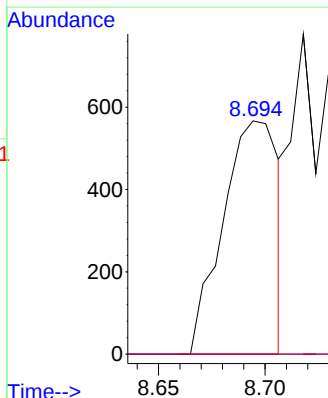
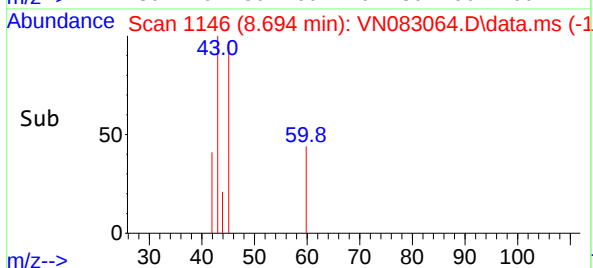
Tgt Ion:117 Resp: 17480
Ion Ratio Lower Upper
117 100
119 6.9 74.9 112.3#
121 0.0 24.3 36.5#

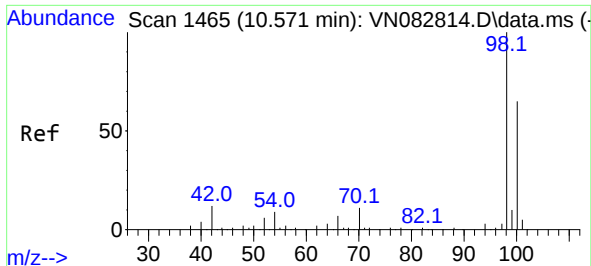


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13



Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

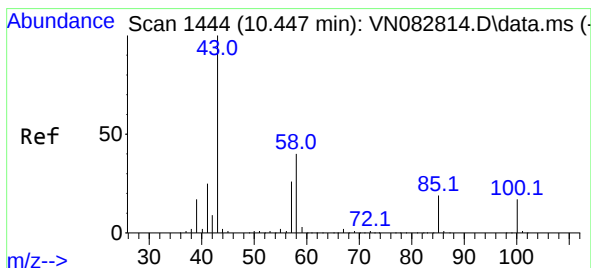
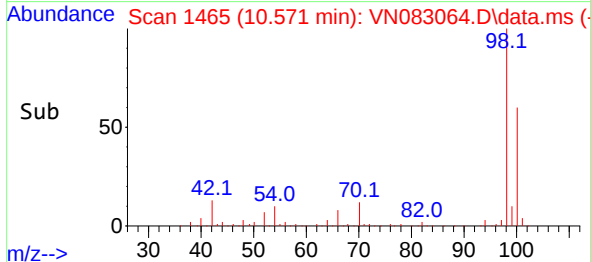
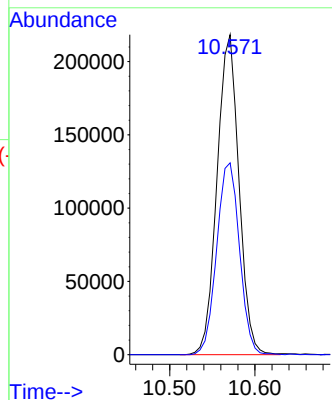
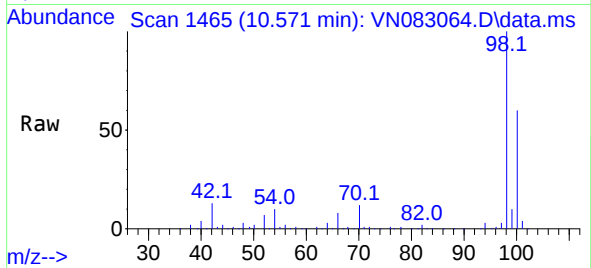




#50
Toluene-d8
Concen: 51.302 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

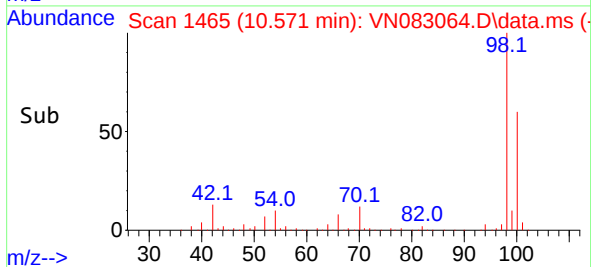
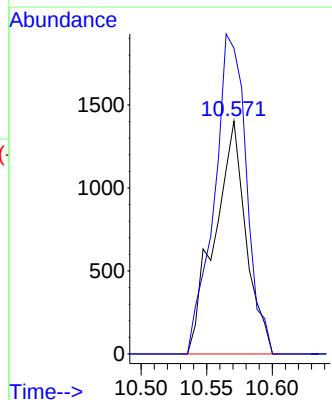
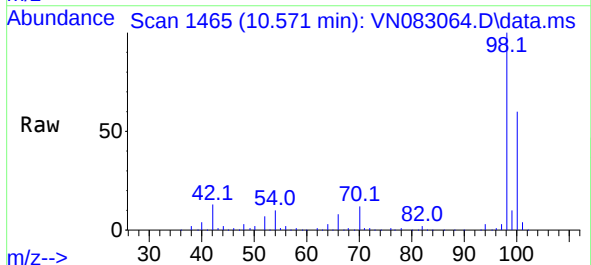
Instrument :
MSVOA_N
ClientSampleId :

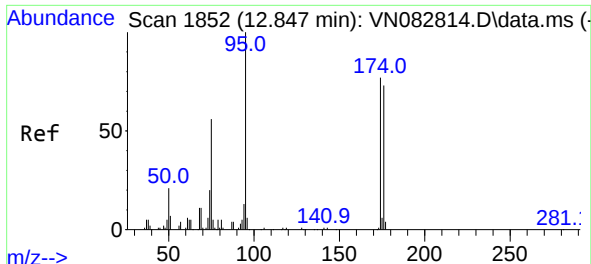
Tgt Ion: 98 Resp: 390457
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.818 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Tgt Ion: 43 Resp: 2345
Ion Ratio Lower Upper
43 100
58 140.1 28.2 42.4#

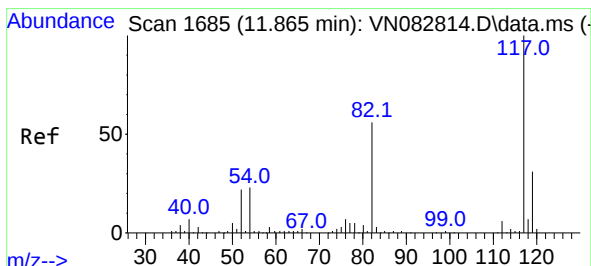
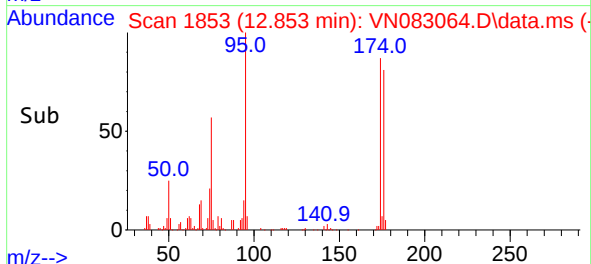
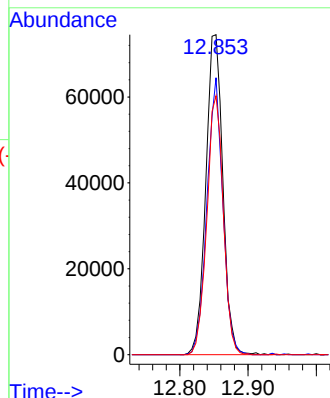
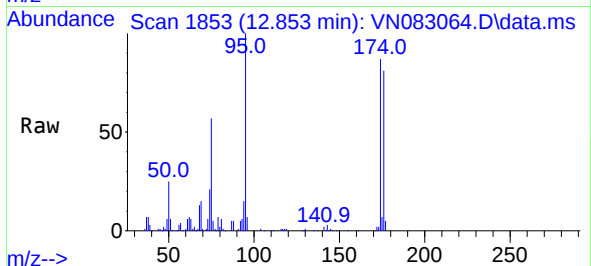




#62
4-Bromofluorobenzene
Concen: 47.296 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

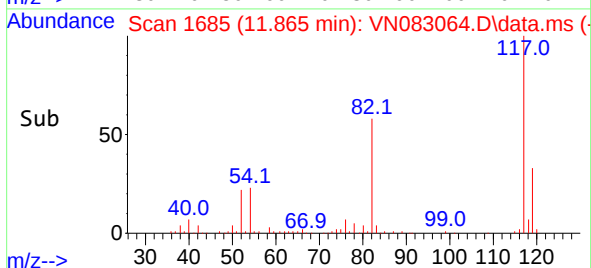
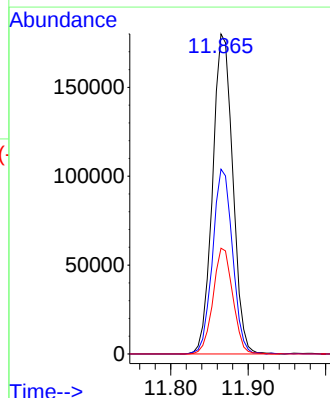
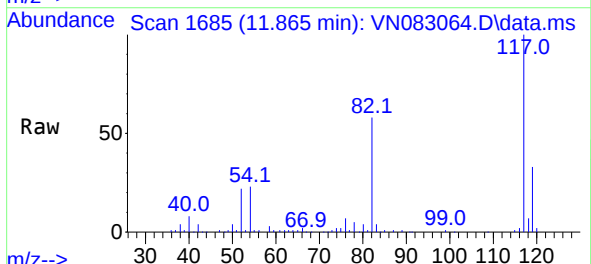
Instrument :
MSVOA_N
ClientSampleId :

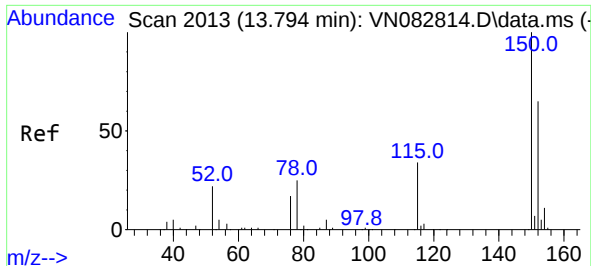
Tgt Ion: 95 Resp: 129303
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.2
176 78.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Tgt Ion: 117 Resp: 325493
Ion Ratio Lower Upper
117 100
82 57.7 47.5 71.3
119 33.0 25.6 38.4

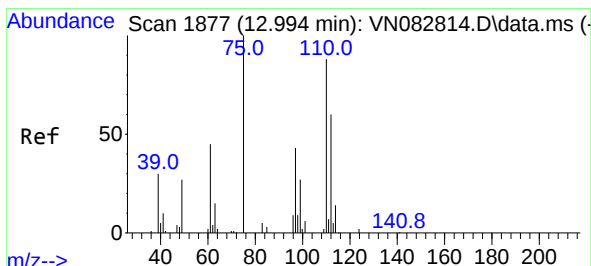
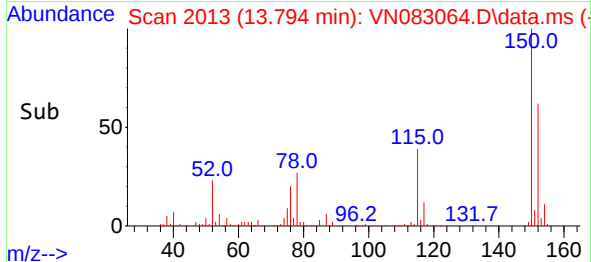
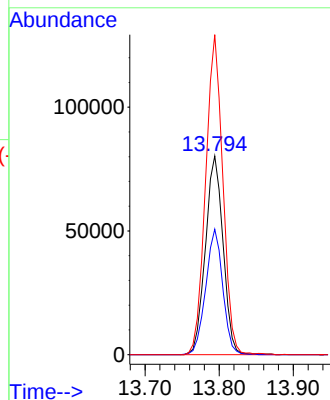
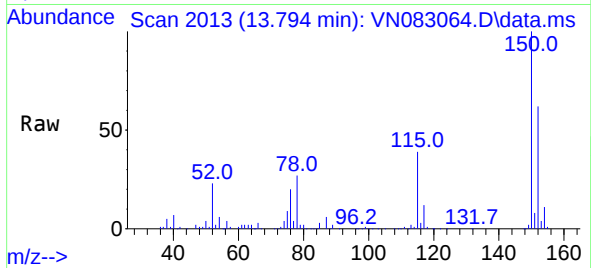




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

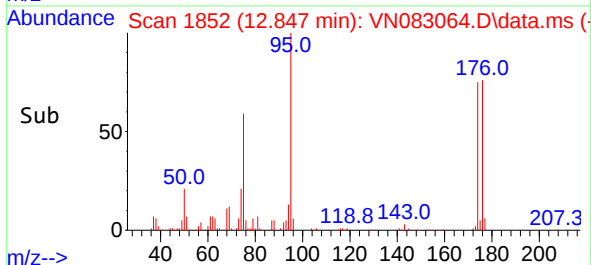
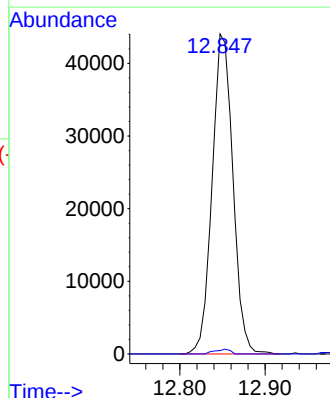
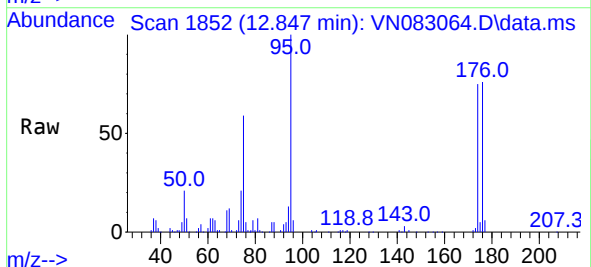
Instrument :
MSVOA_N
ClientSampleId :

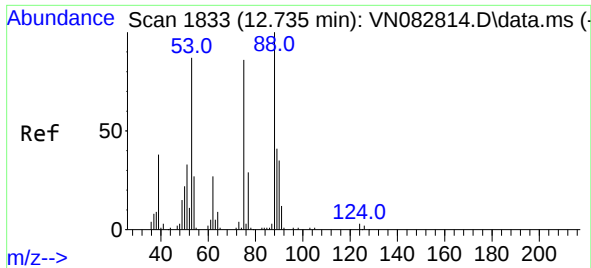
Tgt Ion:152 Resp: 133080
Ion Ratio Lower Upper
152 100
115 61.0 30.6 91.6
150 156.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 32.505 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

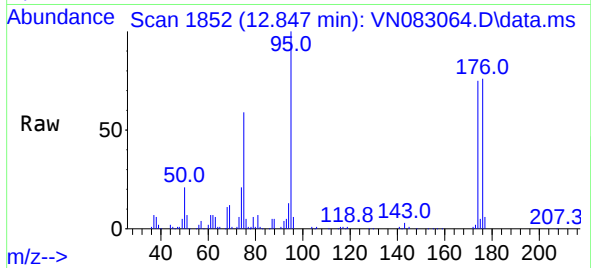
Tgt Ion: 75 Resp: 74578
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.927 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN083064.D
Acq: 30 Jul 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 74578
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

