

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
 Data File : VN081295.D
 Acq On : 04 Mar 2024 11:08
 Operator : JC\MD
 Sample : VN0304WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBL01

Quant Time: Mar 04 15:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

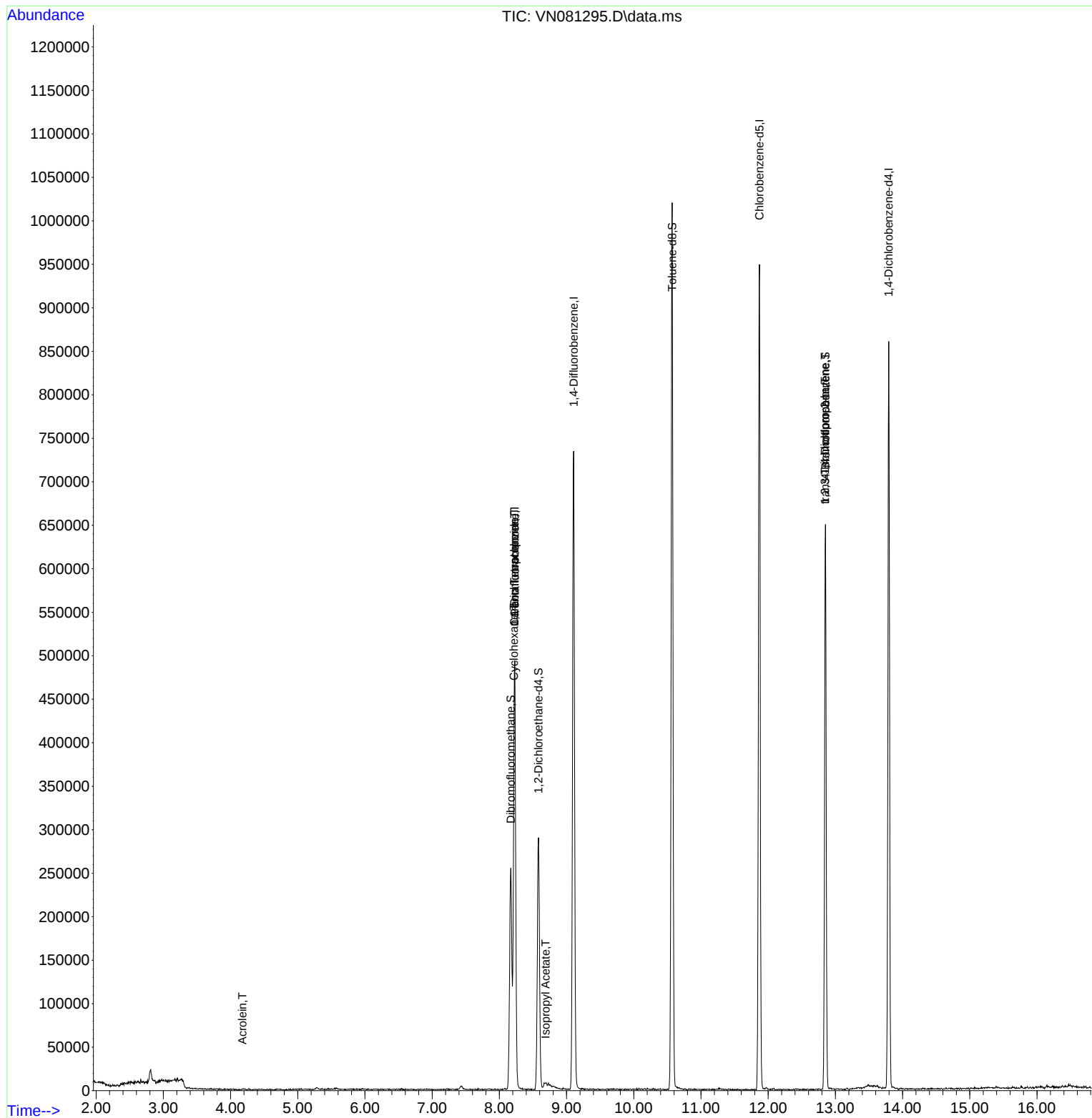
Internal Standards						
1) Pentafluorobenzene	8.230	168	338744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	624215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	236031	56.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.700%			
35) Dibromofluoromethane	8.171	113	180777	51.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	10.571	98	687919	54.872	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.740%			
62) 4-Bromofluorobenzene	12.853	95	219530	46.602	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.200%			
Target Compounds						
3) Chloromethane	2.359	50	962	Below Cal	#	43
6) Chloroethane	3.106	64	87	Below Cal	#	42
13) Acrolein	4.177	56	623	1.522	ug/l #	64
20) Methylene Chloride	5.277	84	1121	Below Cal	#	83
31) Cyclohexane	8.218	56	10112	1.410	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	32102	5.309	ug/l #	53
38) Carbon Tetrachloride	8.224	117	38985	6.372	ug/l #	18
43) Isopropyl Acetate	8.688	43	7364	0.771	ug/l #	60
49) 1,4-Dioxane	9.671	88	123	Below Cal	#	18
76) 1,2,3-Trichloropropane	12.847	75	117214	23.768	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	117214	61.176	ug/l #	14

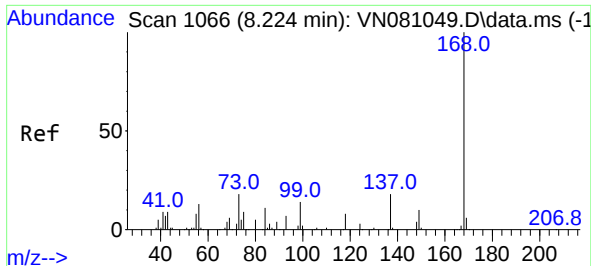
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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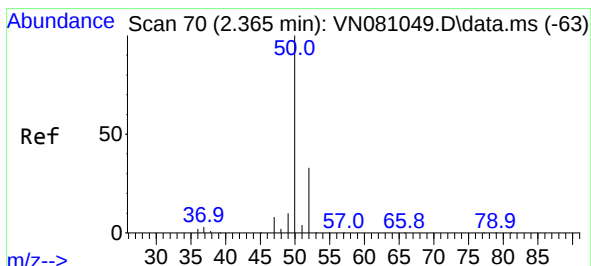
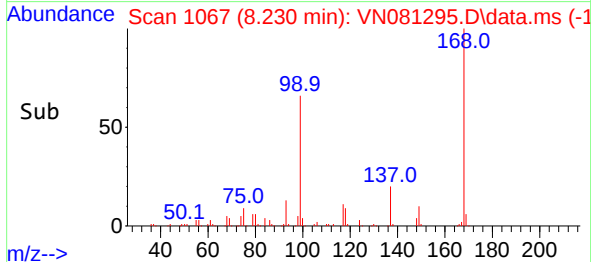
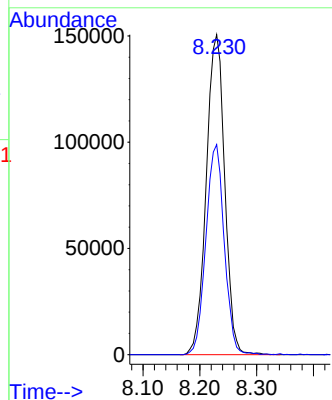
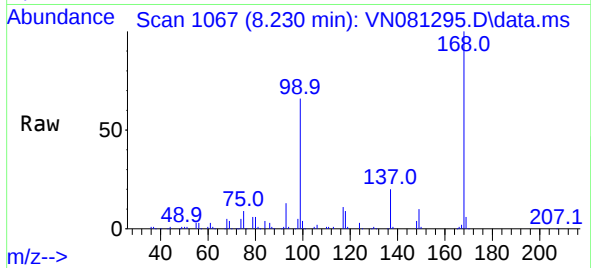




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

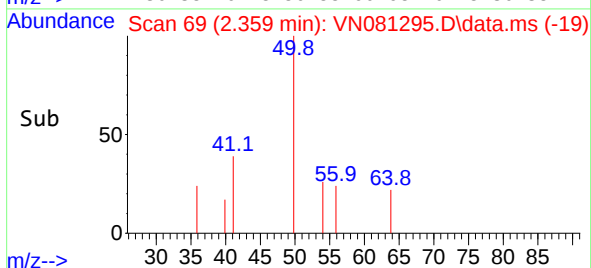
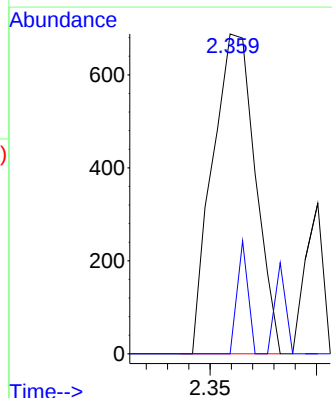
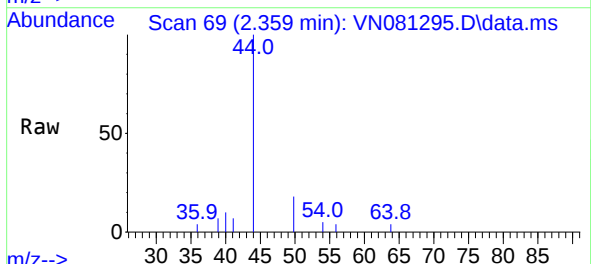
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

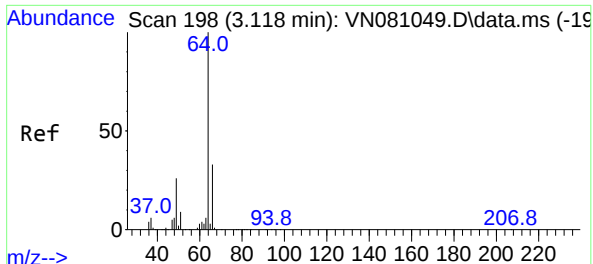
Tgt Ion:168 Resp: 338744
Ion Ratio Lower Upper
168 100
99 65.7 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion: 50 Resp: 962
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

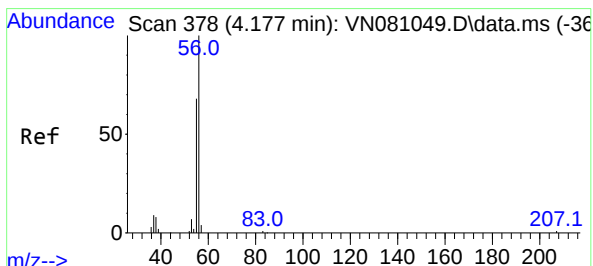
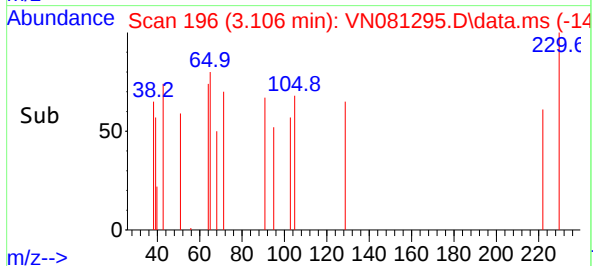
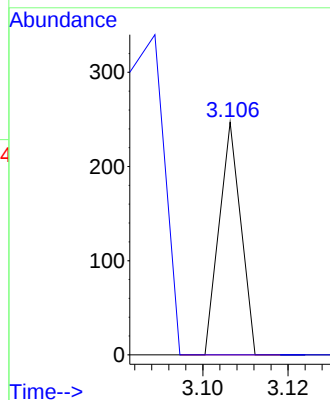
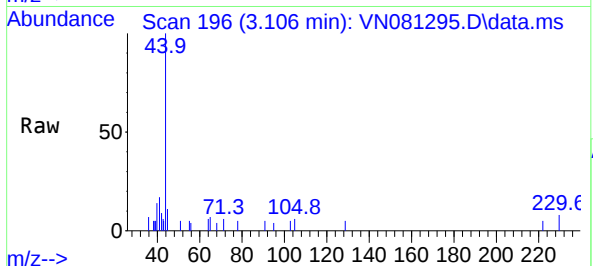




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

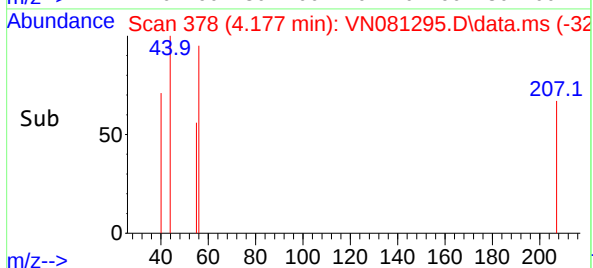
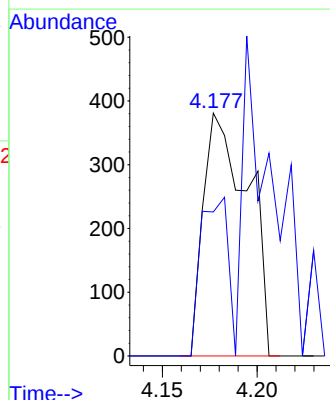
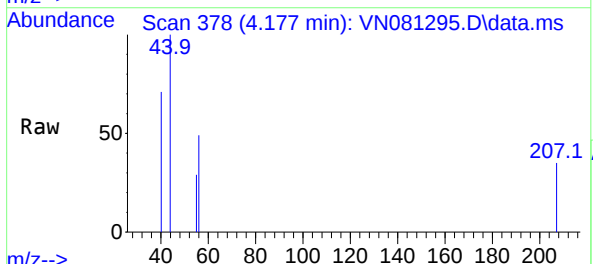
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

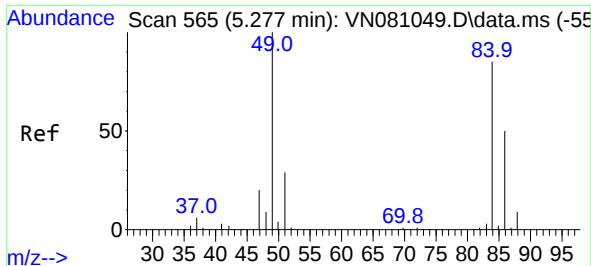
Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 1.522 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion: 56 Resp: 623
Ion Ratio Lower Upper
56 100
55 39.8 55.3 82.9#

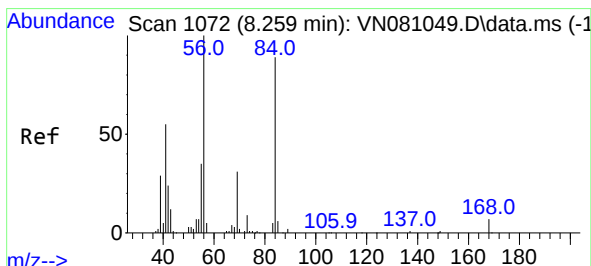
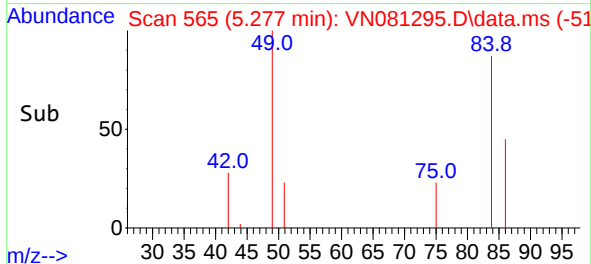
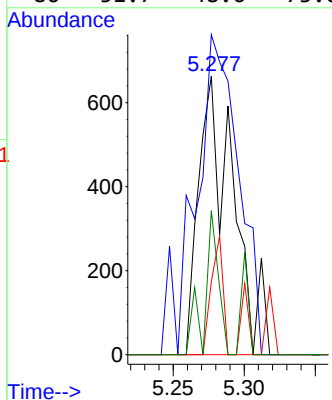
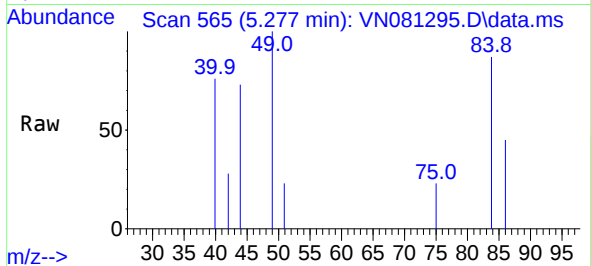




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

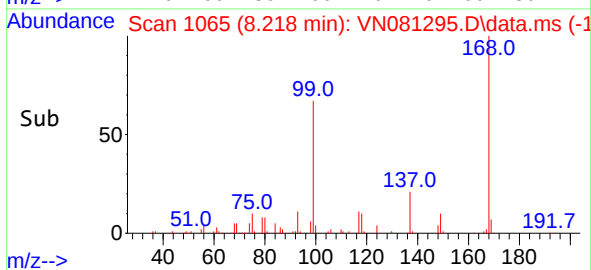
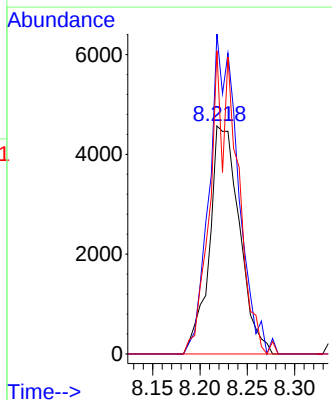
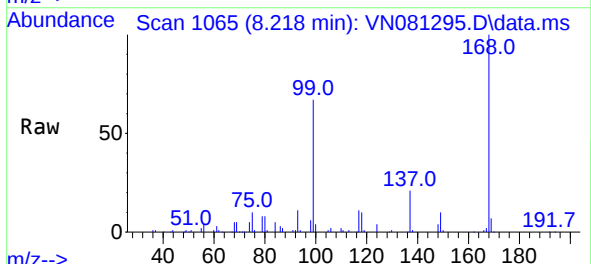
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

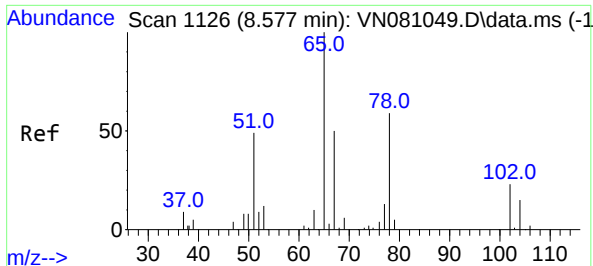
Tgt Ion:	84	Resp:	1121
Ion	Ratio	Lower	Upper
84	100		
49	114.9	108.1	162.1
51	26.2	32.9	49.3#
86	51.7	48.6	73.0



#31
Cyclohexane
Concen: 1.410 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion:	56	Resp:	10112
Ion	Ratio	Lower	Upper
56	100		
69	140.4	20.1	30.1#
84	133.0	56.9	85.3#

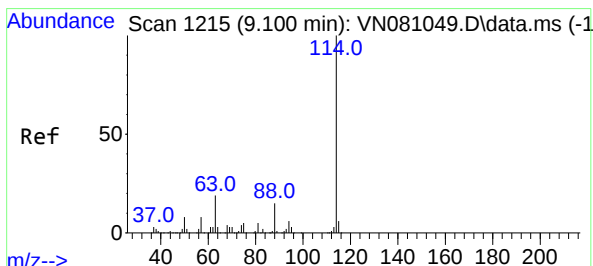
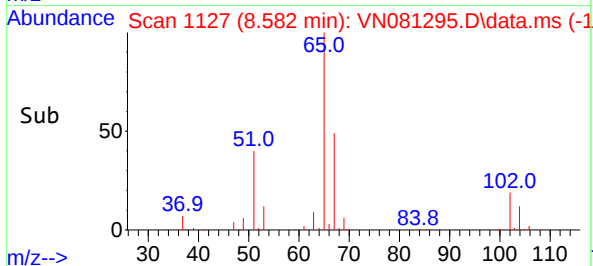
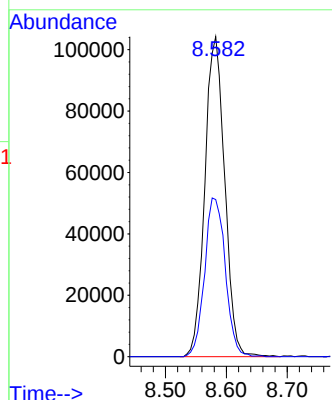
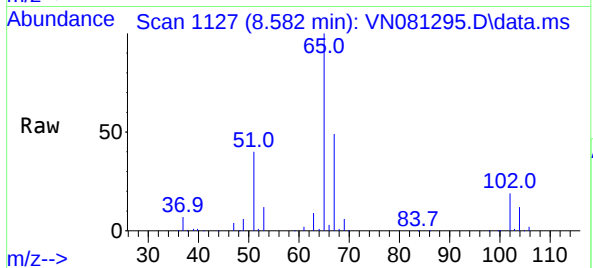




#33
1,2-Dichloroethane-d4
Concen: 56.847 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.005 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

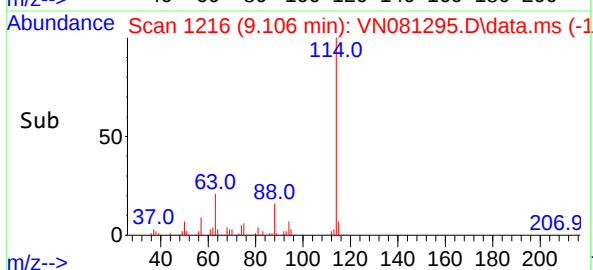
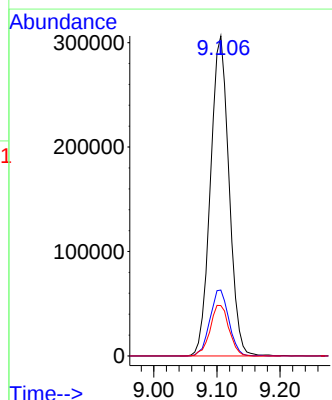
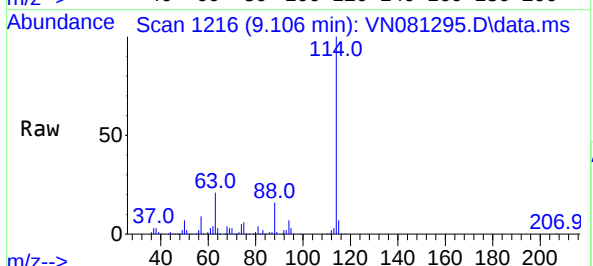
Instrument :
MSVOA_N
ClientSampleId :
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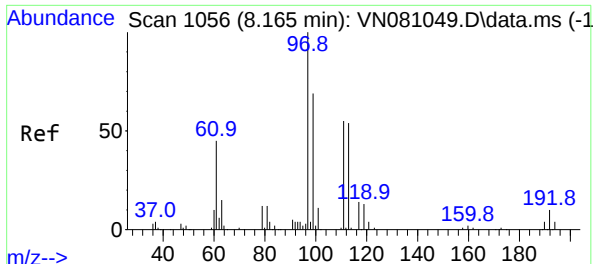
Tgt Ion: 65 Resp: 236031
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion: 114 Resp: 624215
Ion Ratio Lower Upper
114 100
63 20.6 0.0 48.0
88 15.7 0.0 34.8

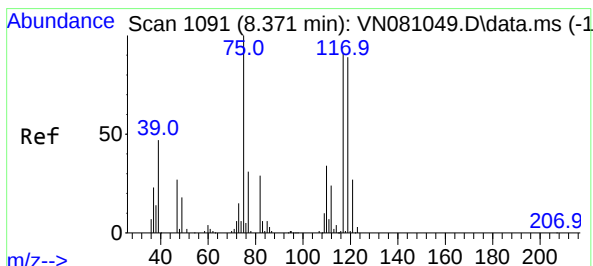
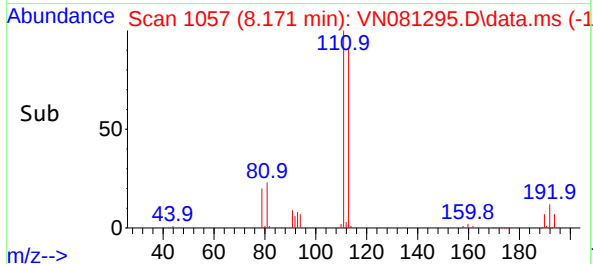
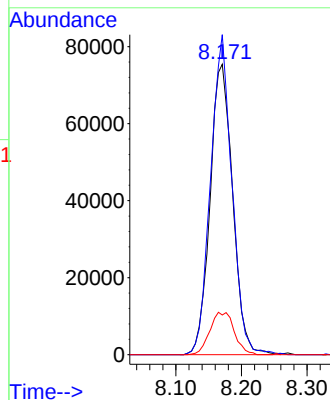
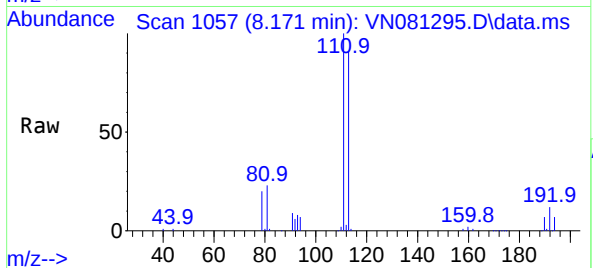




#35
Dibromofluoromethane
Concen: 51.215 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

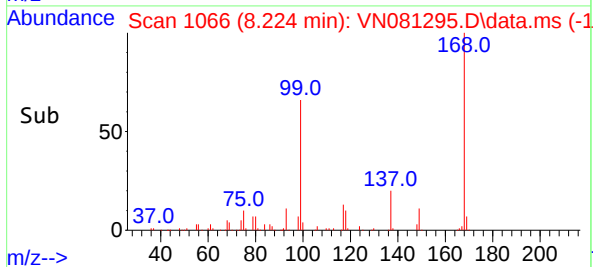
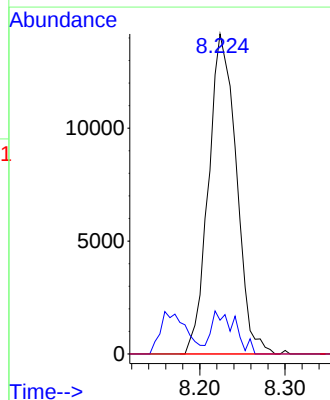
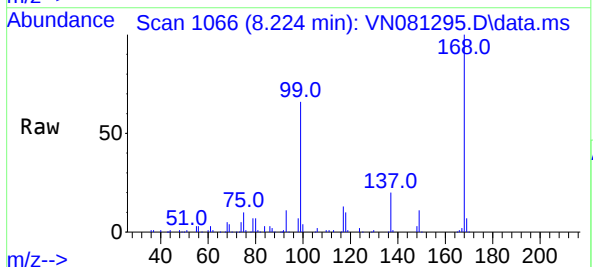
Instrument :
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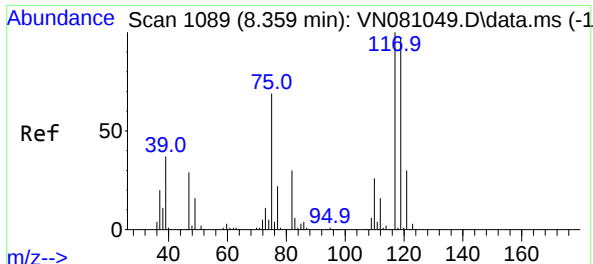
Tgt Ion:113 Resp: 180777
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 15.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

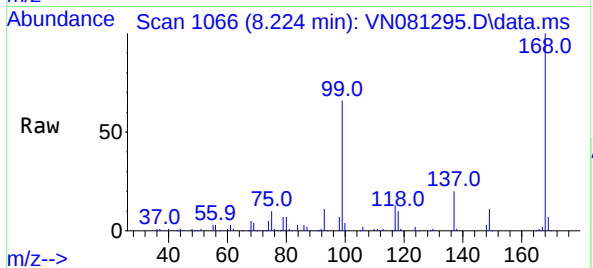
Tgt Ion: 75 Resp: 32102
Ion Ratio Lower Upper
75 100
110 11.3 16.0 48.0#
77 0.0 25.8 38.6#



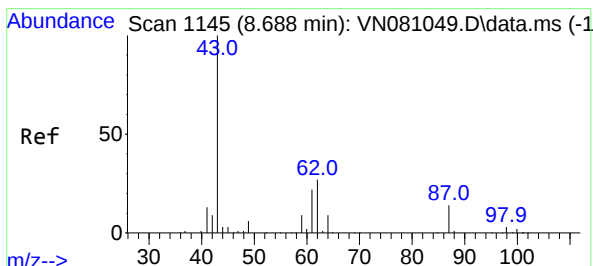
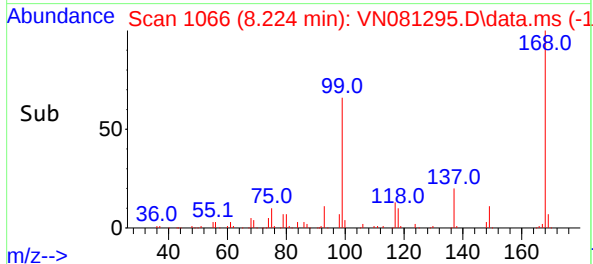
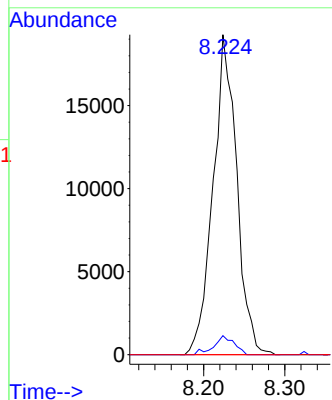


#38
Carbon Tetrachloride
Concen: 6.372 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

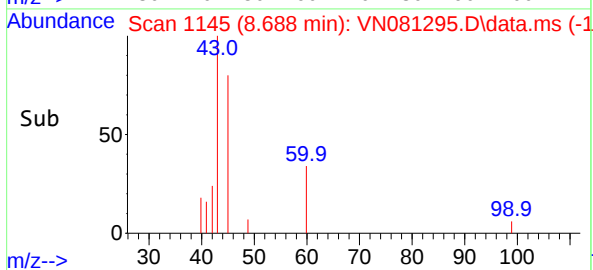
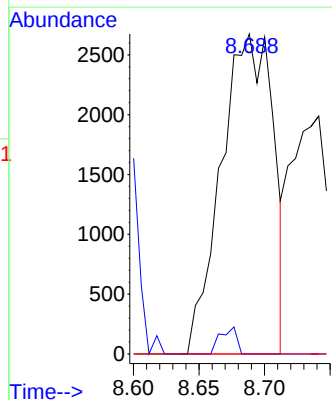
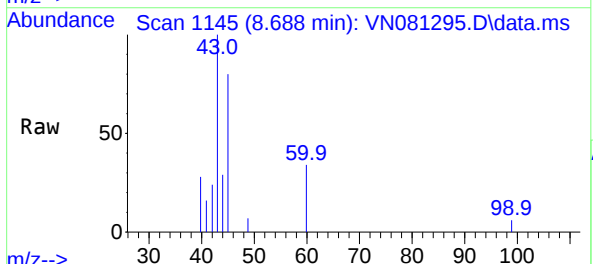


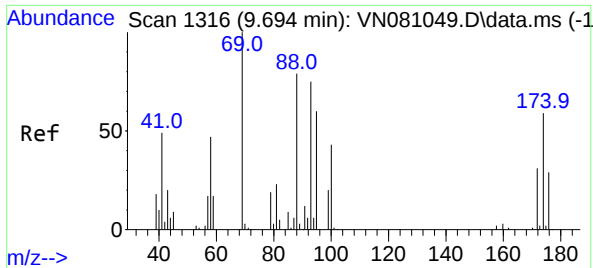
Tgt Ion:117 Resp: 38985
Ion Ratio Lower Upper
117 100
119 6.0 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.771 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion: 43 Resp: 7364
Ion Ratio Lower Upper
43 100
61 2.6 19.9 29.9#
87 0.0 9.0 13.6#

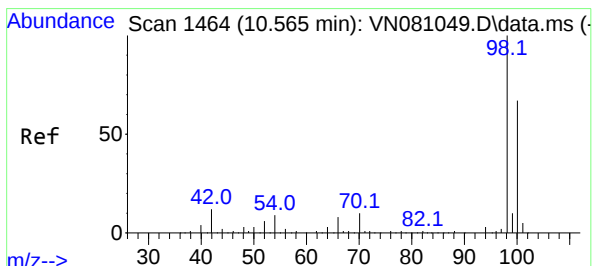
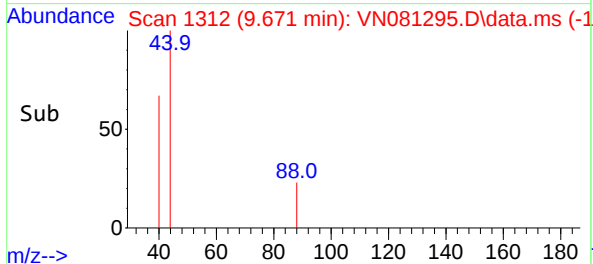
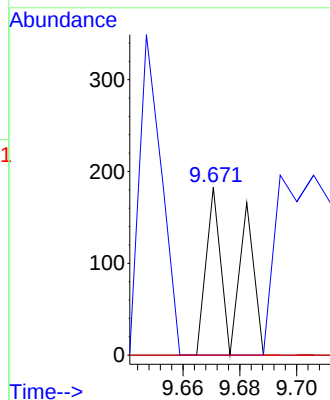
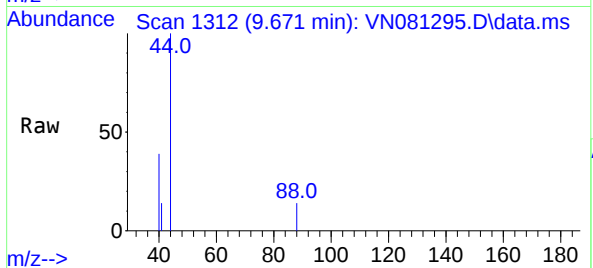




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.671 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

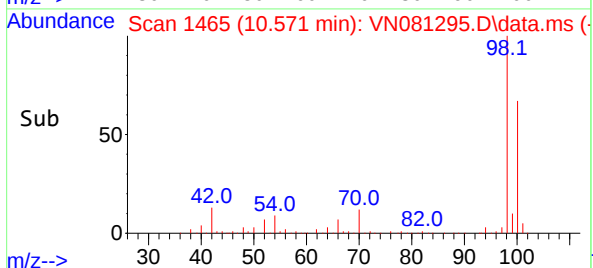
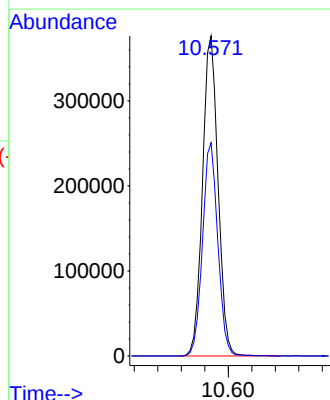
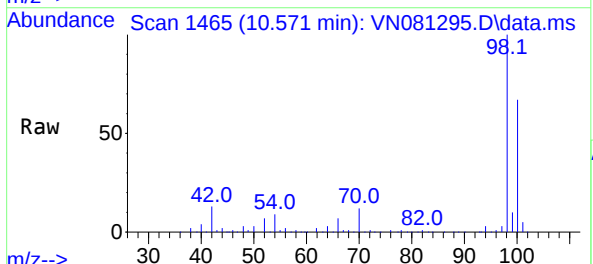
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

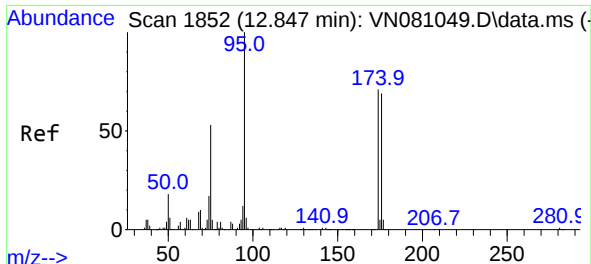
Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 0.0 63.9 95.9#



#50
Toluene-d8
Concen: 54.872 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion: 98 Resp: 687919
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



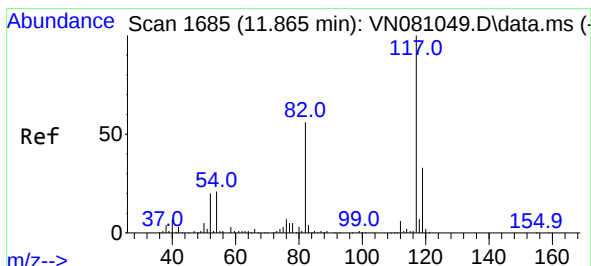
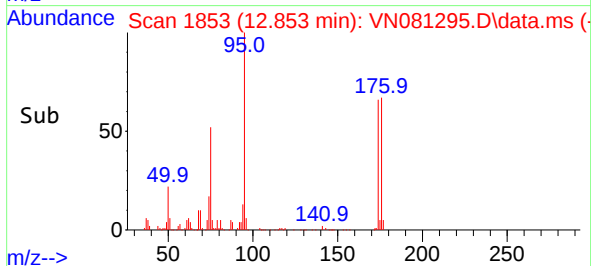
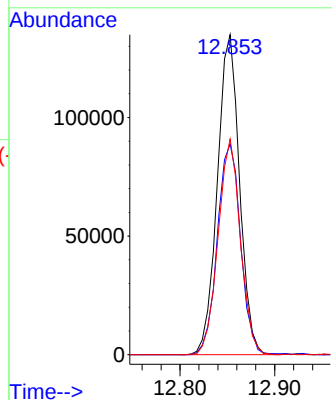
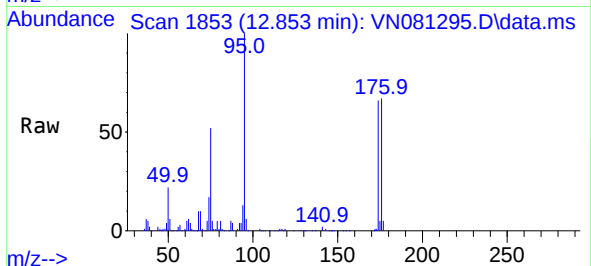


#62
4-Bromofluorobenzene
Concen: 46.602 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

Tgt Ion: 95 Resp: 219530

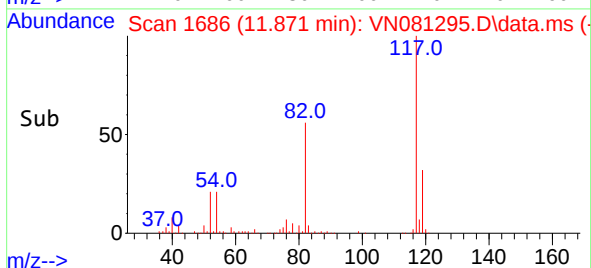
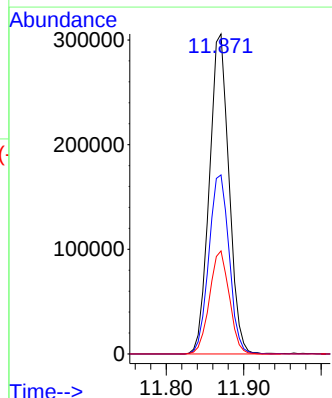
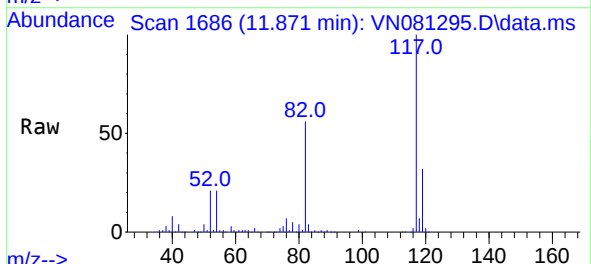
Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	120.4
176	67.6	0.0	121.0

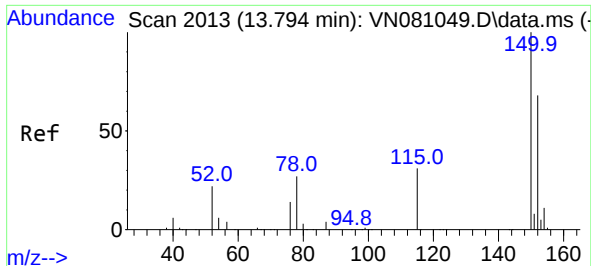


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Tgt Ion: 117 Resp: 537121

Ion	Ratio	Lower	Upper
117	100		
82	56.0	52.7	79.1
119	32.2	25.3	37.9

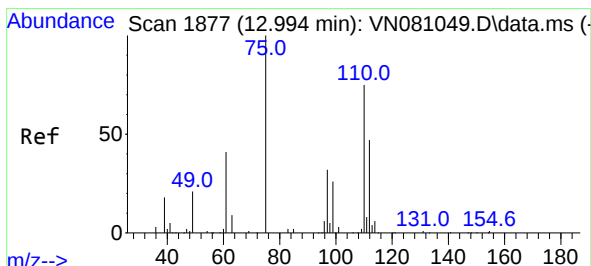
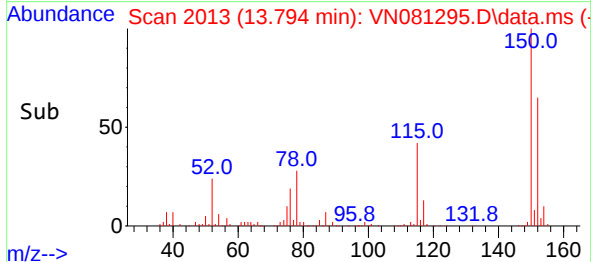
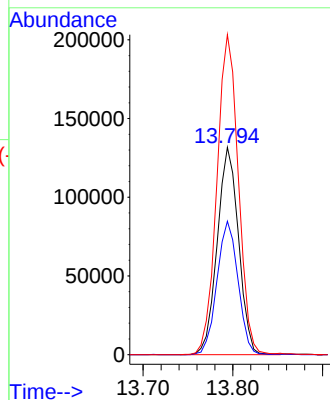
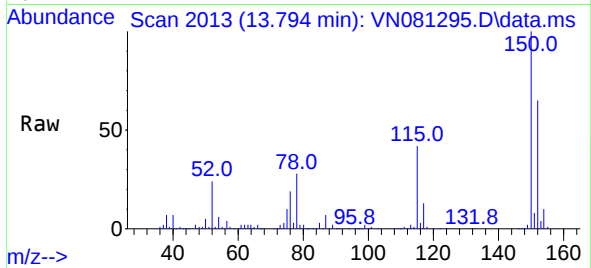




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

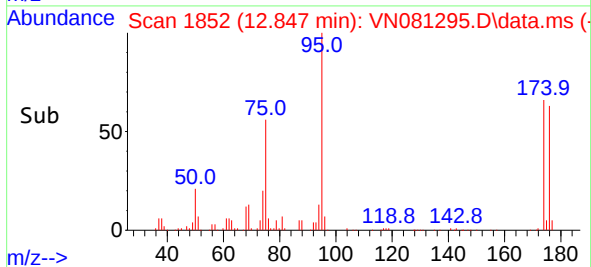
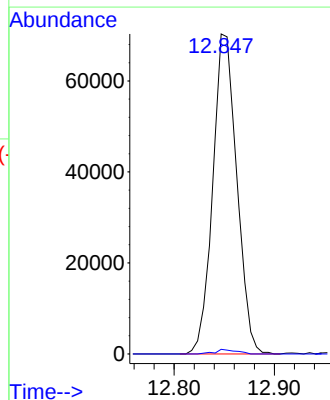
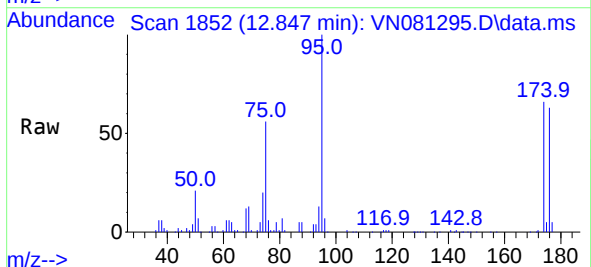
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01

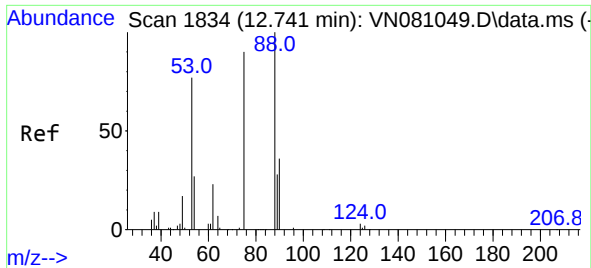
Tgt Ion:152 Resp: 217057
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 155.8 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 23.768 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

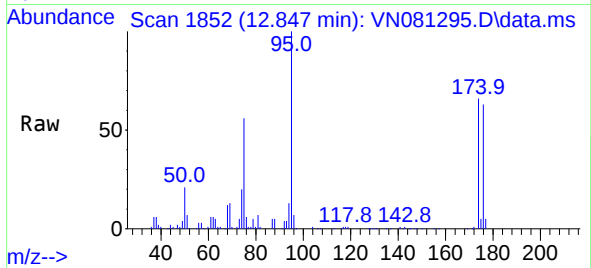
Tgt Ion: 75 Resp: 117214
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.176 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN081295.D
Acq: 04 Mar 2024 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBL01



Tgt Ion: 75 Resp: 117214
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

