

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081057.D
 Acq On : 16 Feb 2024 16:54
 Operator : JC\MD
 Sample : VN0216WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBL02

Quant Time: Feb 16 23:47:54 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)

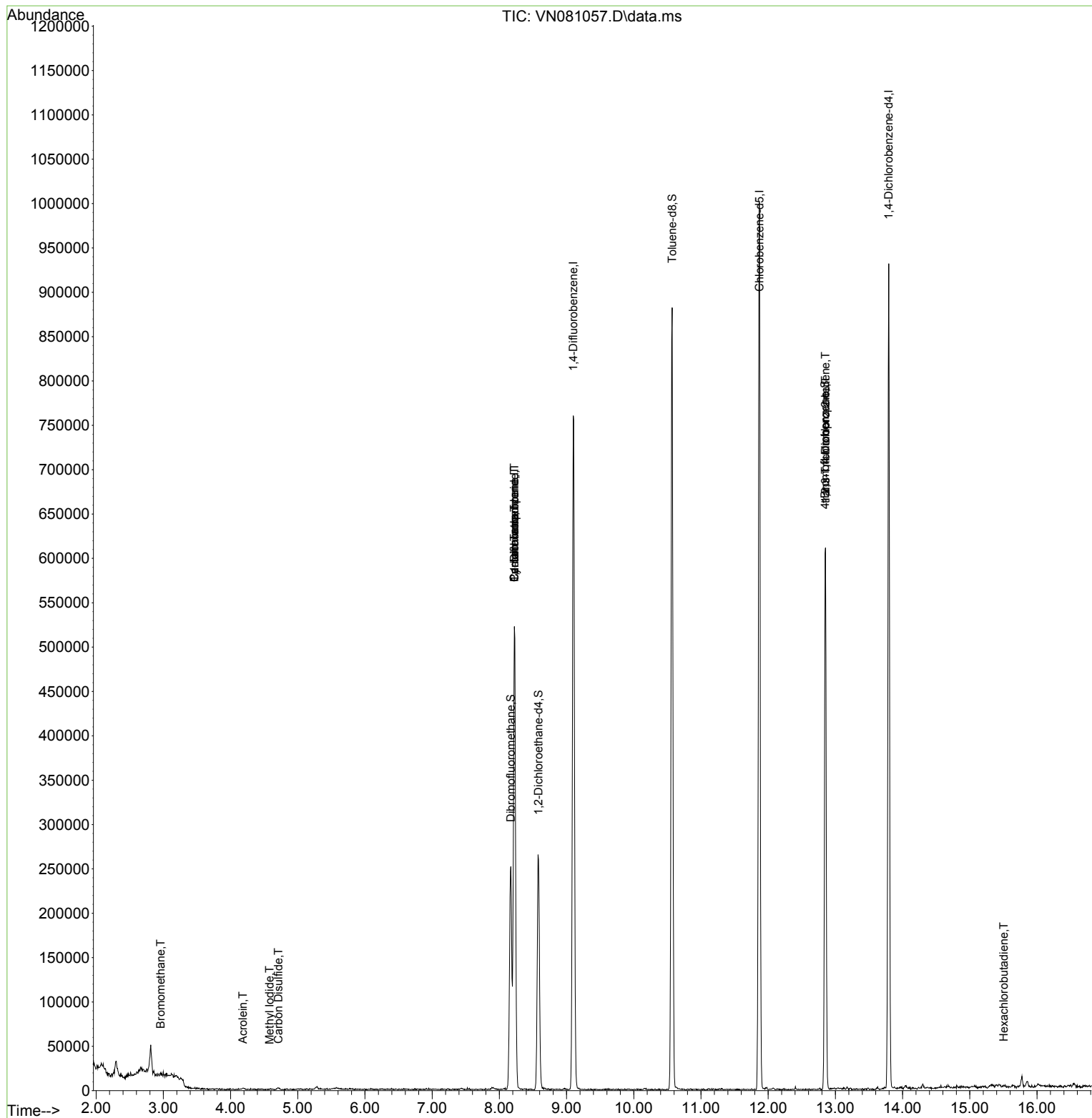
Internal Standards						
1) Pentafluorobenzene	8.224	168	364858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	668687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	587157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217911	48.726	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.460%		
35) Dibromofluoromethane	8.171	113	182341	48.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.440%		
50) Toluene-d8	10.571	98	611402	45.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.060%		
62) 4-Bromofluorobenzene	12.847	95	221928	43.978	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.960%		
Target Compounds						
3) Chloromethane	2.371	50	4074	Below Cal	Qvalue 98	
5) Bromomethane	2.959	94	925	0.248 ug/l #	61	
10) Methyl Iodide	4.583	142	1292	0.271 ug/l #	39	
13) Acrolein	4.183	56	2039	4.626 ug/l	90	
17) Carbon Disulfide	4.712	76	3171	0.276 ug/l #	78	
20) Methylene Chloride	5.271	84	915	Below Cal #	68	
31) Cyclohexane	8.224	56	9216	1.193 ug/l #	1	
36) 1,1-Dichloropropene	8.224	75	32382	4.999 ug/l #	51	
38) Carbon Tetrachloride	8.224	117	41493	6.331 ug/l #	16	
49) 1,4-Dioxane	9.694	88	320	Below Cal #	50	
76) 1,2,3-Trichloropropane	12.853	75	117721	21.538 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.853	75	117721	55.438 ug/l #	14	
94) Hexachlorobutadiene	15.506	225	506	0.284 ug/l #	52	

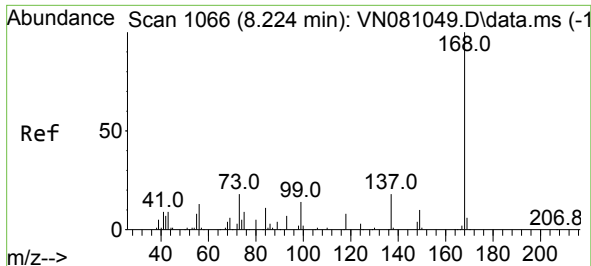
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 16 23:45:20 2024
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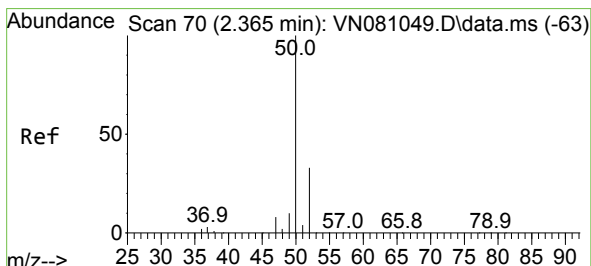
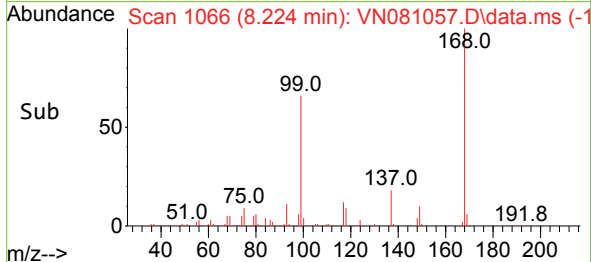
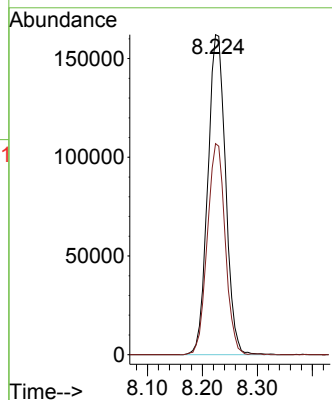
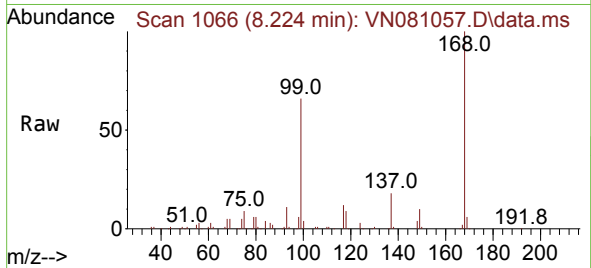




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

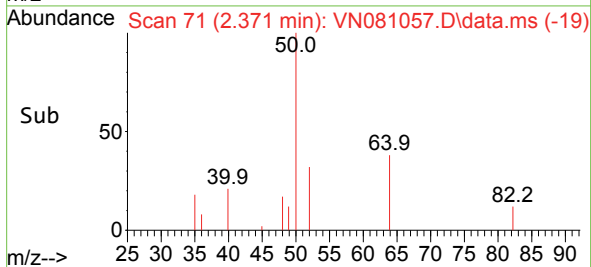
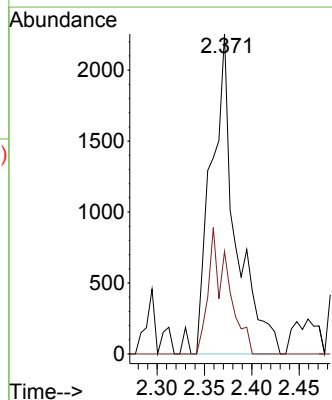
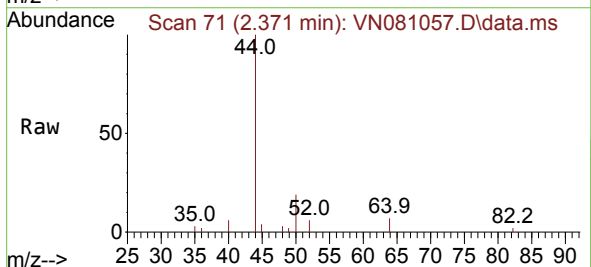
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL02

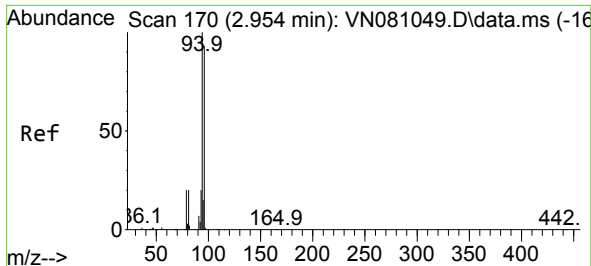
Tgt Ion:168 Resp: 364858
Ion Ratio Lower Upper
168 100
99 66.0 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

Tgt Ion: 50 Resp: 4074
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

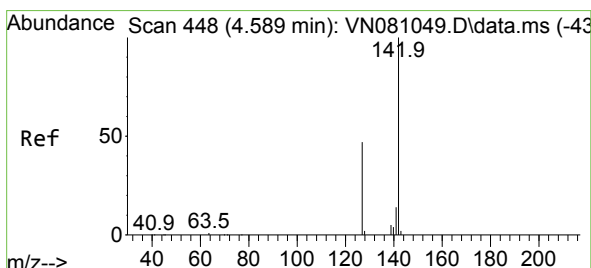
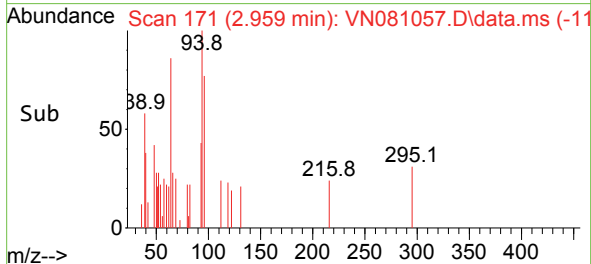
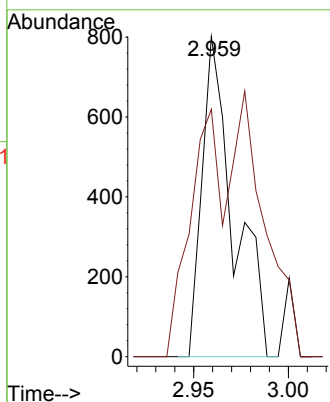
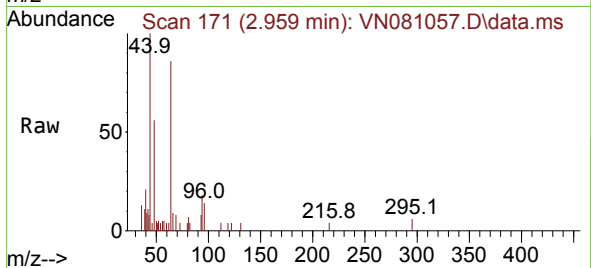




#5
Bromomethane
Concen: 0.248 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

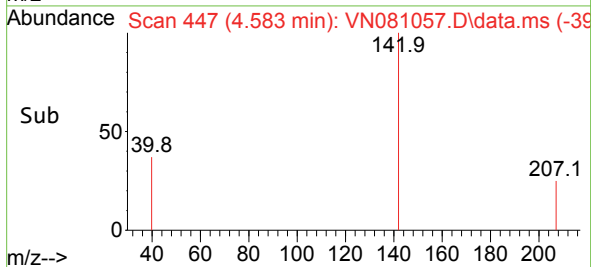
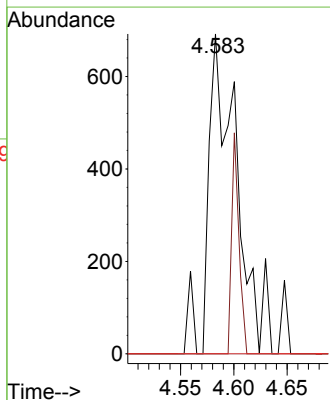
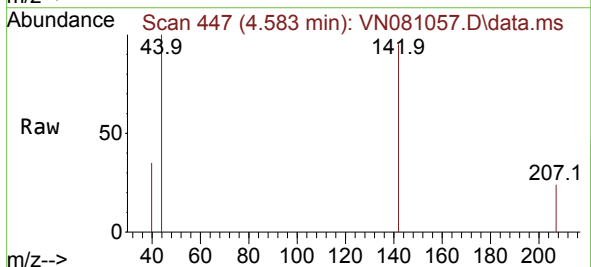
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL02

Tgt Ion: 94 Resp: 925
Ion Ratio Lower Upper
94 100
96 50.9 69.2 103.8#



#10
Methyl Iodide
Concen: 0.271 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

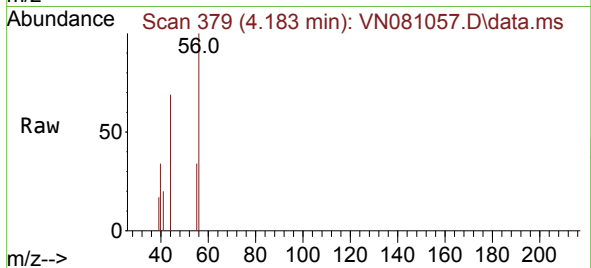
Tgt Ion:142 Resp: 1292
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#



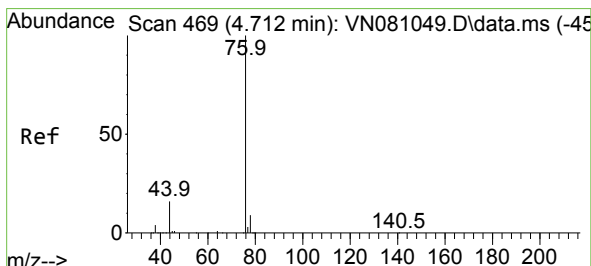
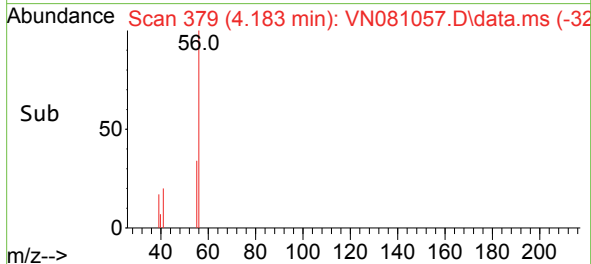
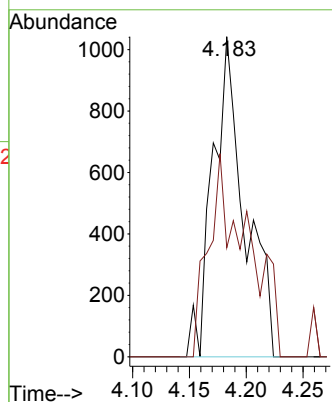


#13
Acrolein
Concen: 4.626 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL02

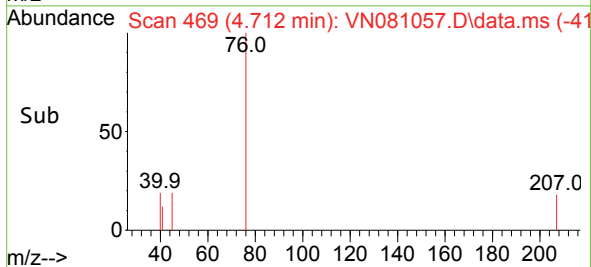
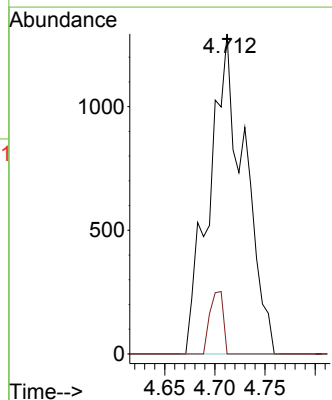
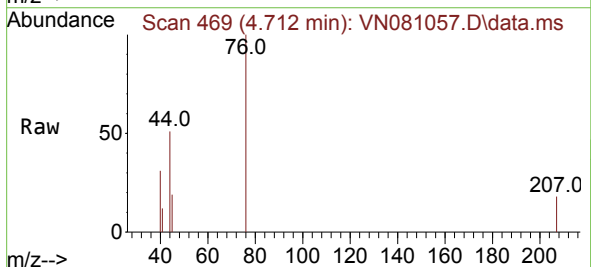


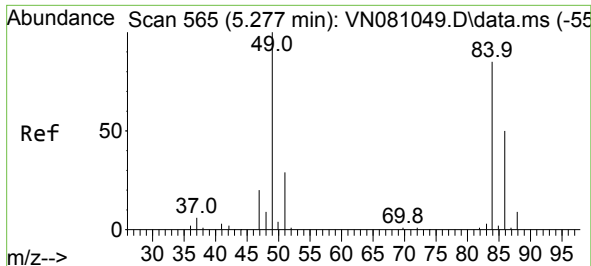
Tgt Ion: 56 Resp: 2039
Ion Ratio Lower Upper
56 100
55 77.6 55.3 82.9



#17
Carbon Disulfide
Concen: 0.276 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

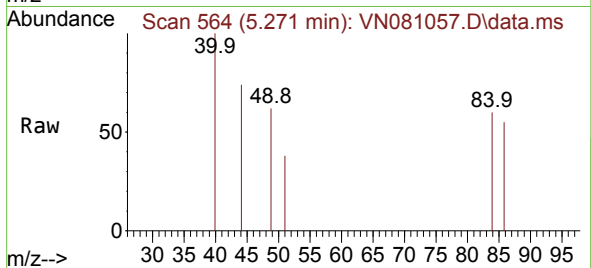
Tgt Ion: 76 Resp: 3171
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#





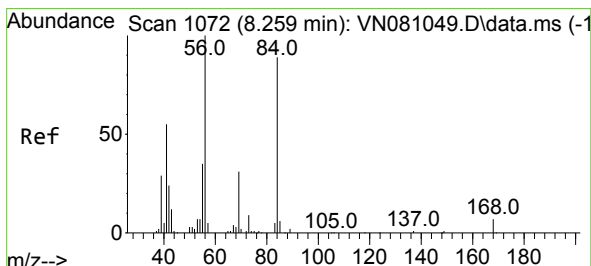
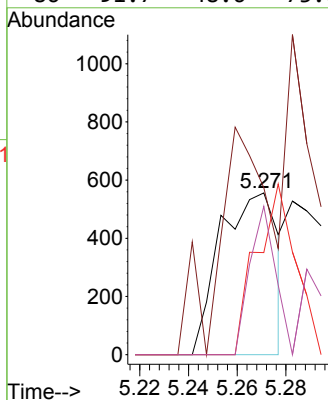
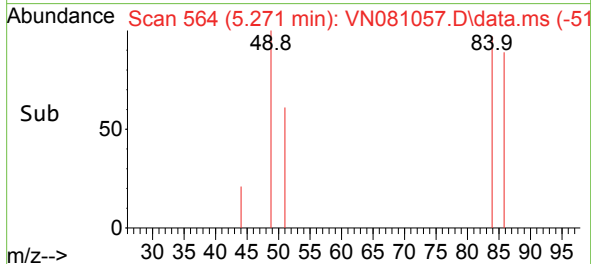
#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL02

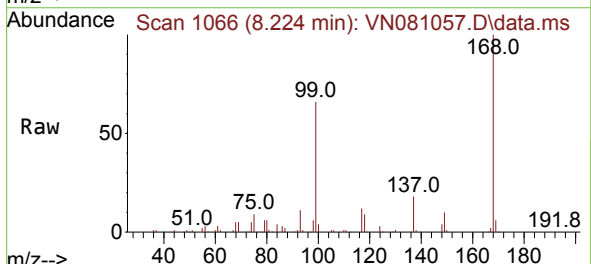


Tgt Ion: 84 Resp: 915

Ion	Ratio	Lower	Upper
84	100		
49	103.2	108.1	162.1#
51	63.1	32.9	49.3#
86	91.7	48.6	73.0#

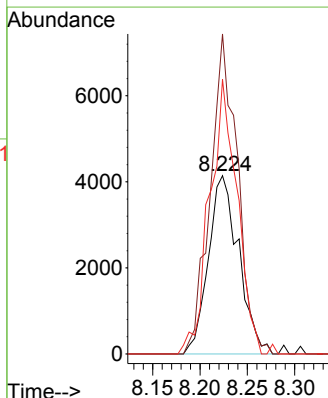
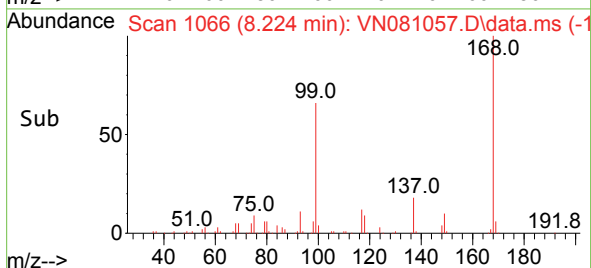


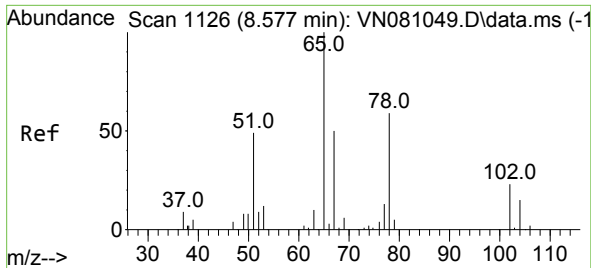
#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54



Tgt Ion: 56 Resp: 9216

Ion	Ratio	Lower	Upper
56	100		
69	179.5	20.1	30.1#
84	154.1	56.9	85.3#

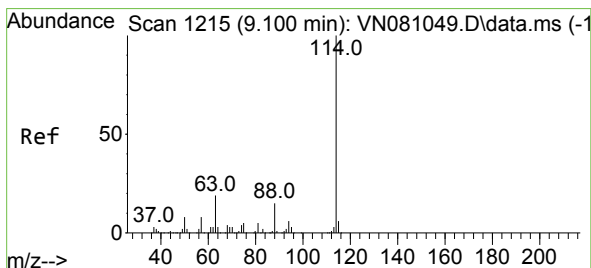
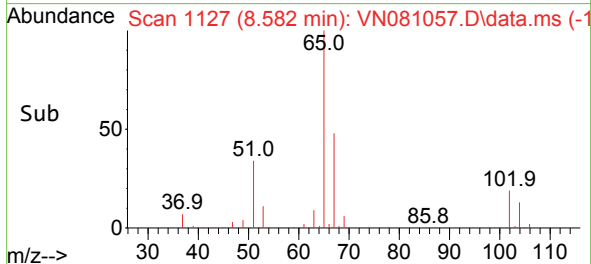
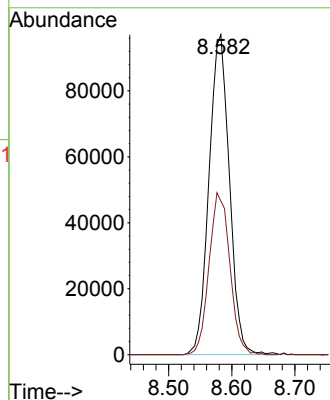
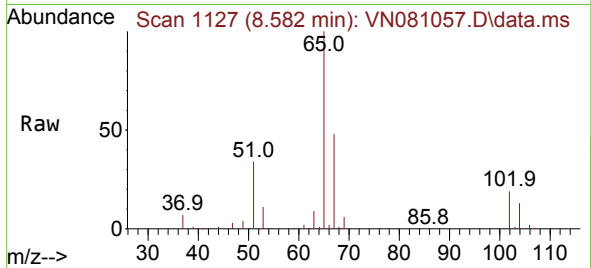




#33
 1,2-Dichloroethane-d4
 Concen: 48.726 ug/l
 RT: 8.582 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN081057.D
 Acq: 16 Feb 2024 16:54

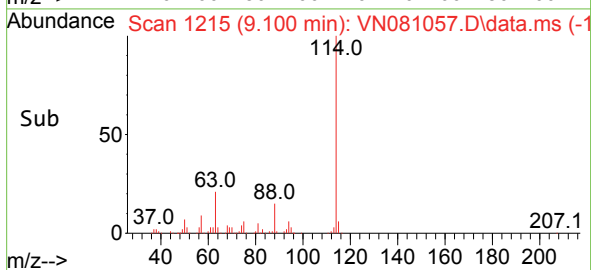
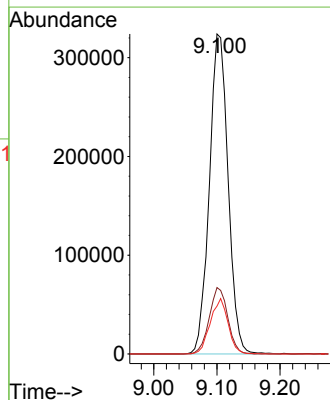
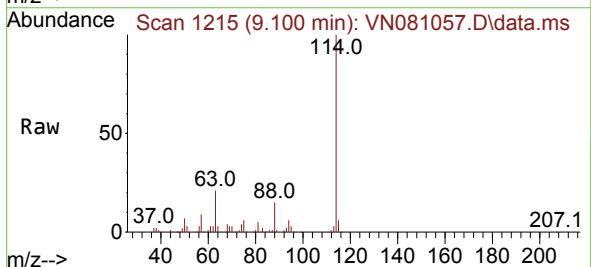
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBL02

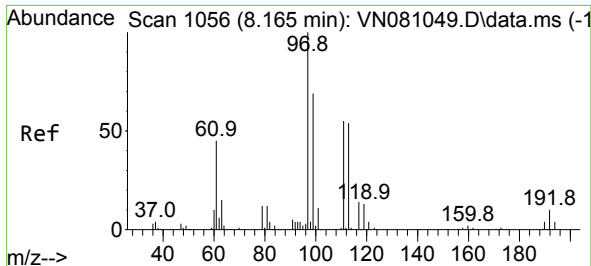
Tgt Ion: 65 Resp: 217911
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN081057.D
 Acq: 16 Feb 2024 16:54

Tgt Ion: 114 Resp: 668687
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 48.0
 88 15.0 0.0 34.8

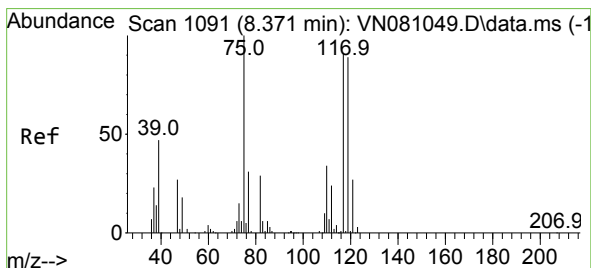
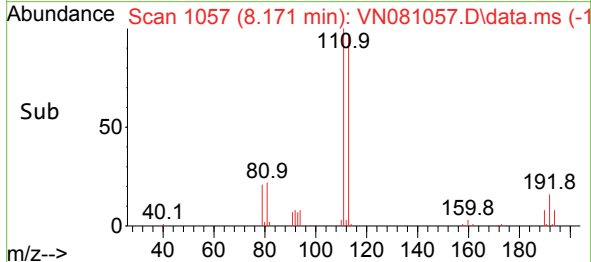
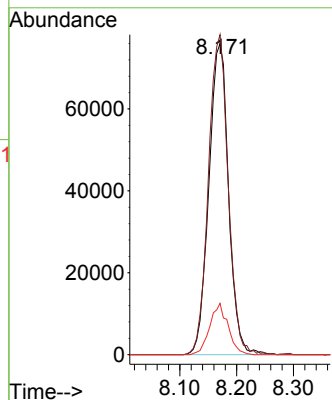
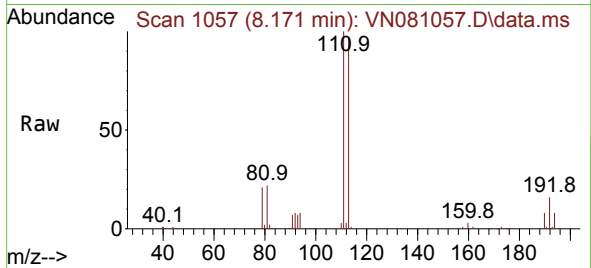




#35
Dibromofluoromethane
Concen: 48.223 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

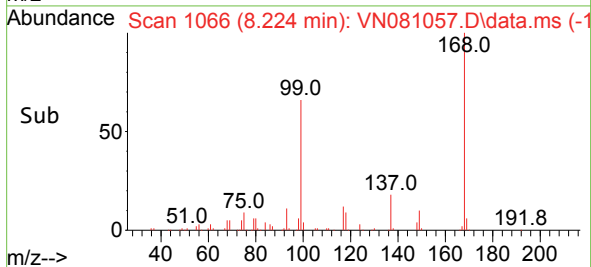
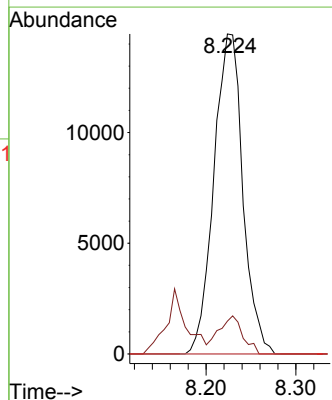
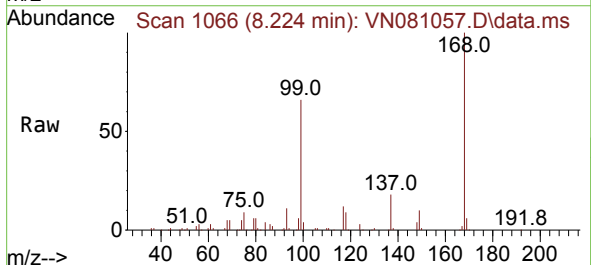
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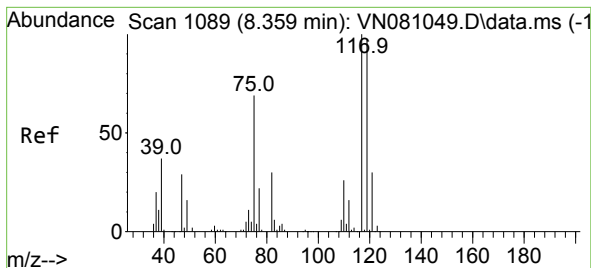
Tgt Ion:113 Resp: 182341
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 15.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.999 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

Tgt Ion: 75 Resp: 32382
Ion Ratio Lower Upper
75 100
110 9.9 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.331 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081057.D

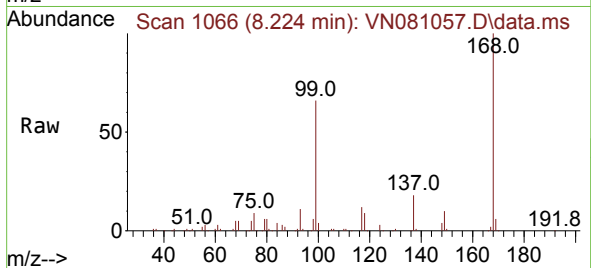
Acq: 16 Feb 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

VN0216WBL02



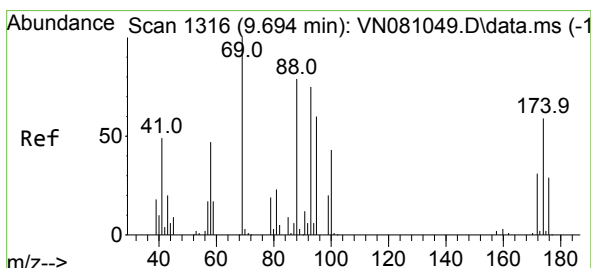
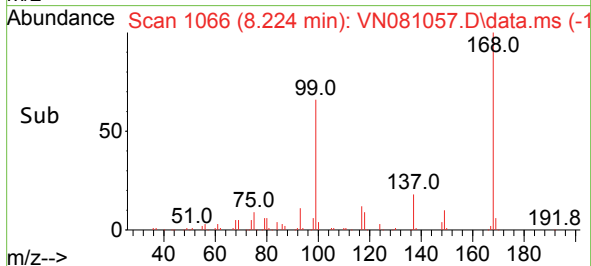
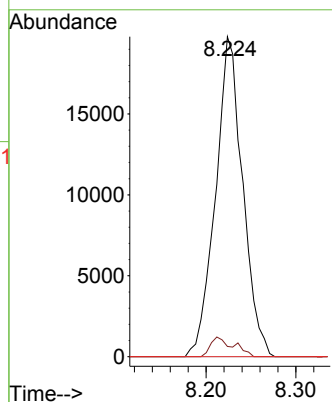
Tgt Ion:117 Resp: 41493

Ion Ratio Lower Upper

117 100

119 3.2 73.4 110.2#

121 0.0 24.4 36.6#



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081057.D

Acq: 16 Feb 2024 16:54

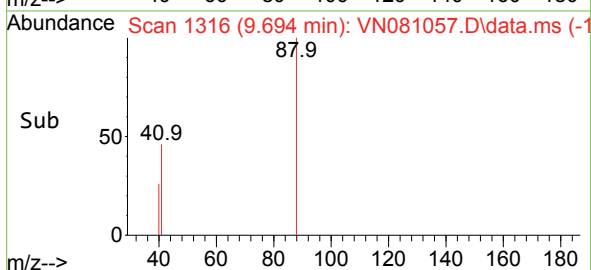
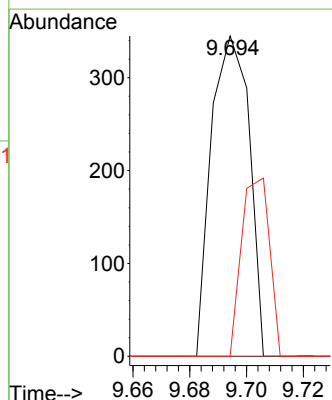
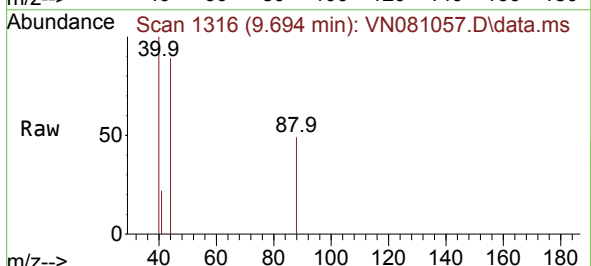
Tgt Ion: 88 Resp: 320

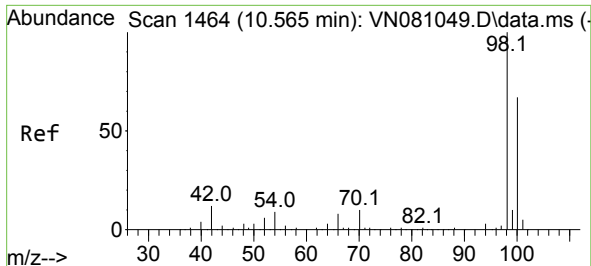
Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 41.3 63.9 95.9#

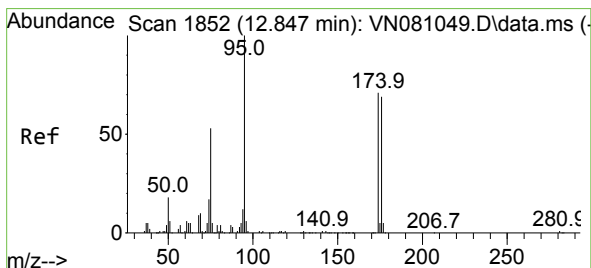
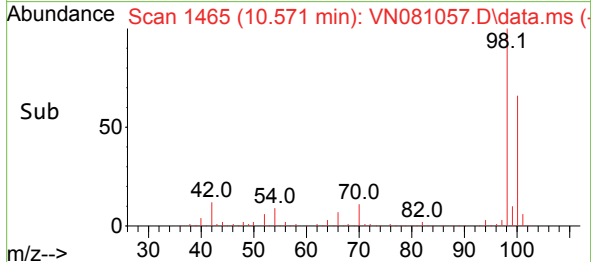
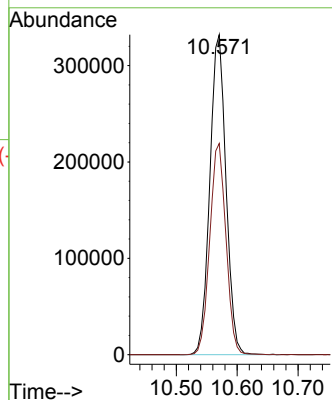
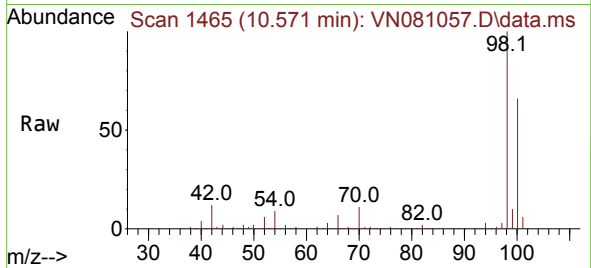




#50
Toluene-d8
Concen: 45.525 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

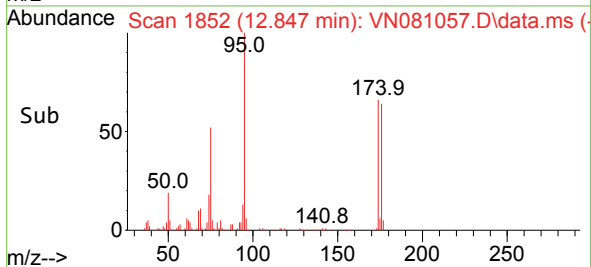
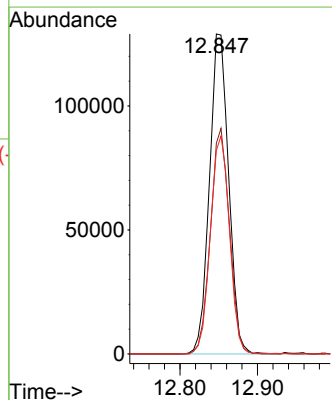
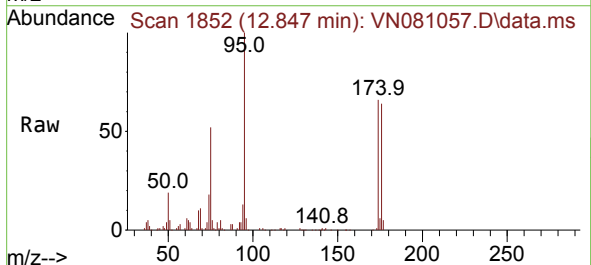
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL02

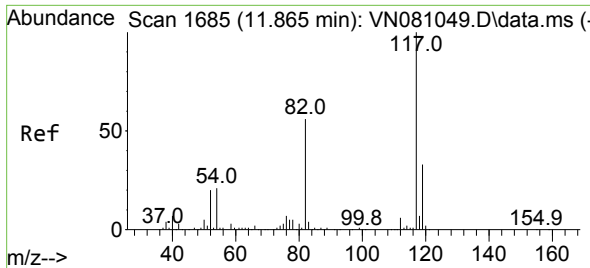
Tgt Ion: 98 Resp: 611402
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.978 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

Tgt Ion: 95 Resp: 221928
Ion Ratio Lower Upper
95 100
174 69.9 0.0 120.4
176 67.6 0.0 121.0

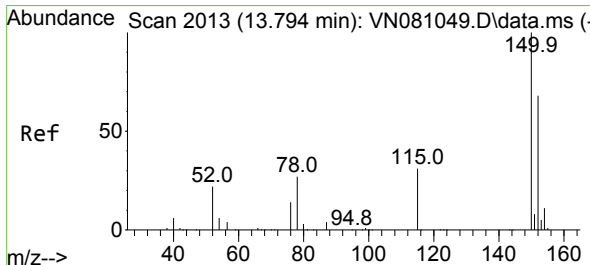
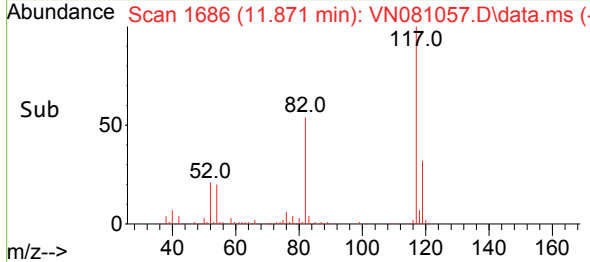
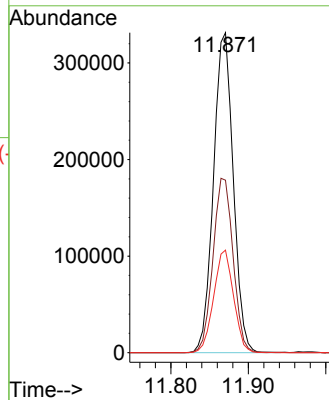
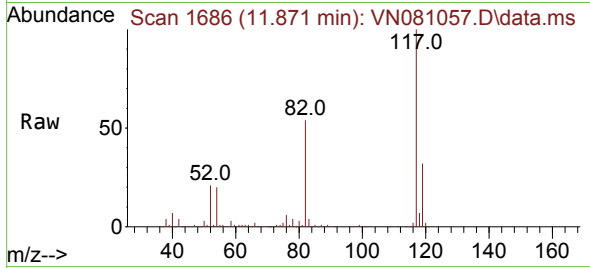




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

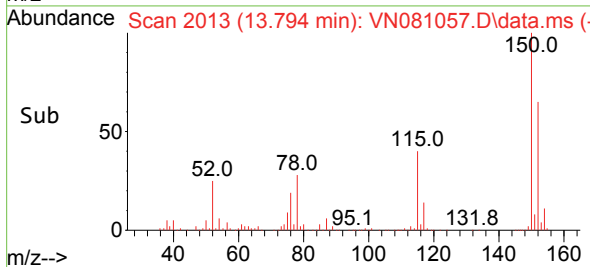
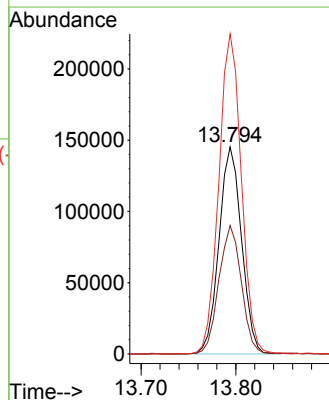
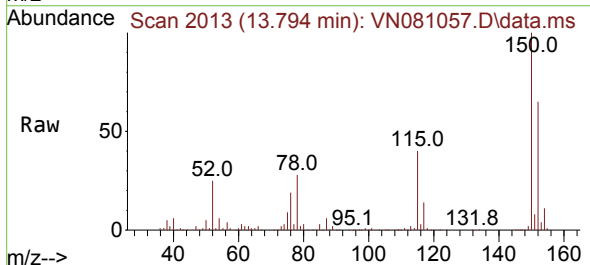
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL02

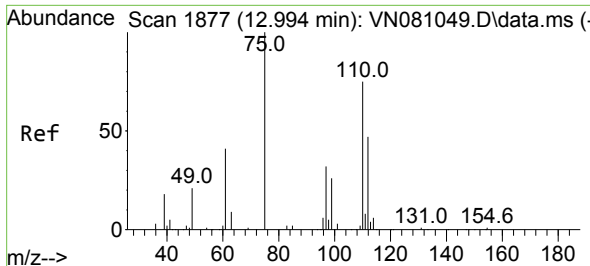
Tgt Ion:117 Resp: 587157
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 32.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

Tgt Ion:152 Resp: 240560
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 154.7 0.0 339.8

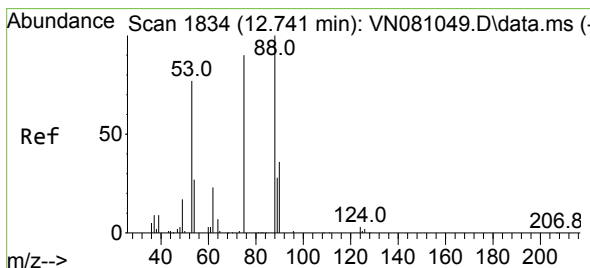
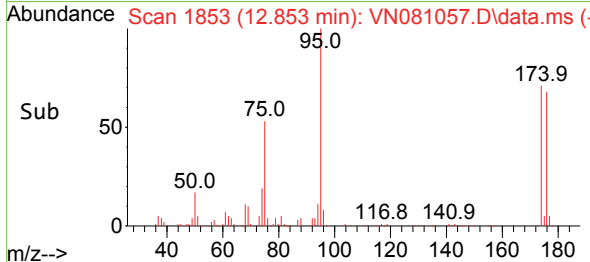
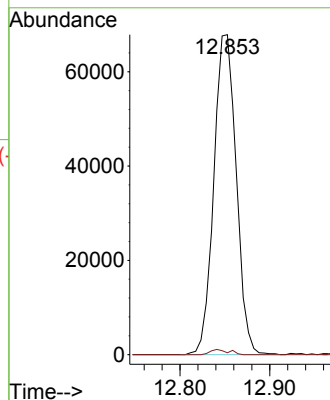
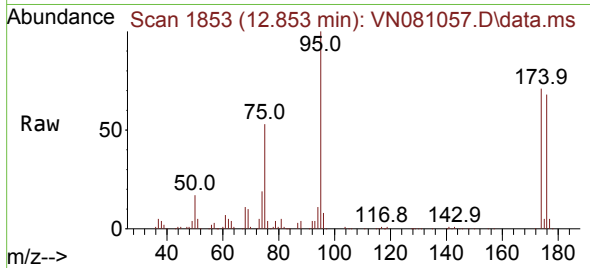




#76
1,2,3-Trichloropropane
Concen: 21.538 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

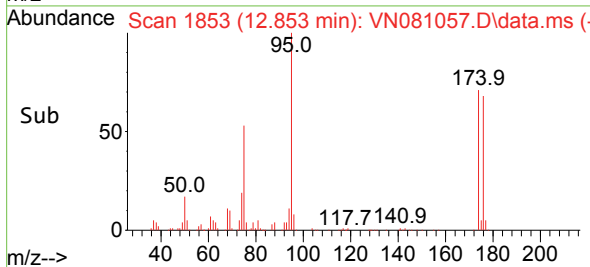
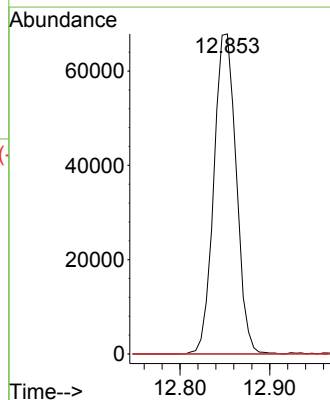
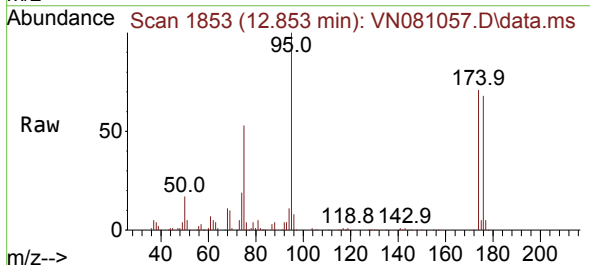
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL02

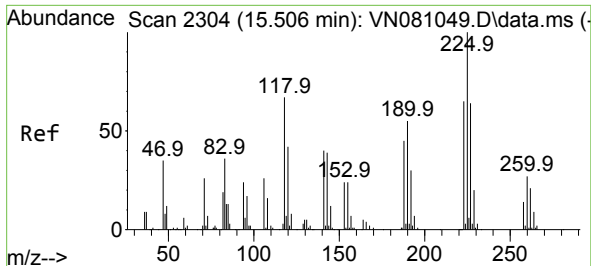
Tgt Ion: 75 Resp: 117721
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.438 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081057.D
Acq: 16 Feb 2024 16:54

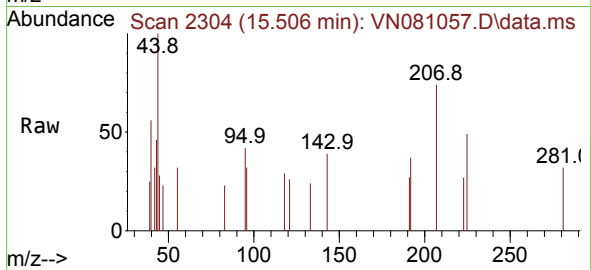
Tgt Ion: 75 Resp: 117721
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#





#94
 Hexachlorobutadiene
 Concen: 0.284 ug/l
 RT: 15.506 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081057.D
 Acq: 16 Feb 2024 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBL02



Tgt Ion:	225	Resp:	506
Ion	Ratio	Lower	Upper
225	100		
223	36.4	33.3	99.8
227	19.0	33.1	99.2#

