

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081068.D
 Acq On : 19 Feb 2024 11:15
 Operator : JC\MD
 Sample : VN0219WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBL01

Quant Time: Feb 20 00:19:05 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)

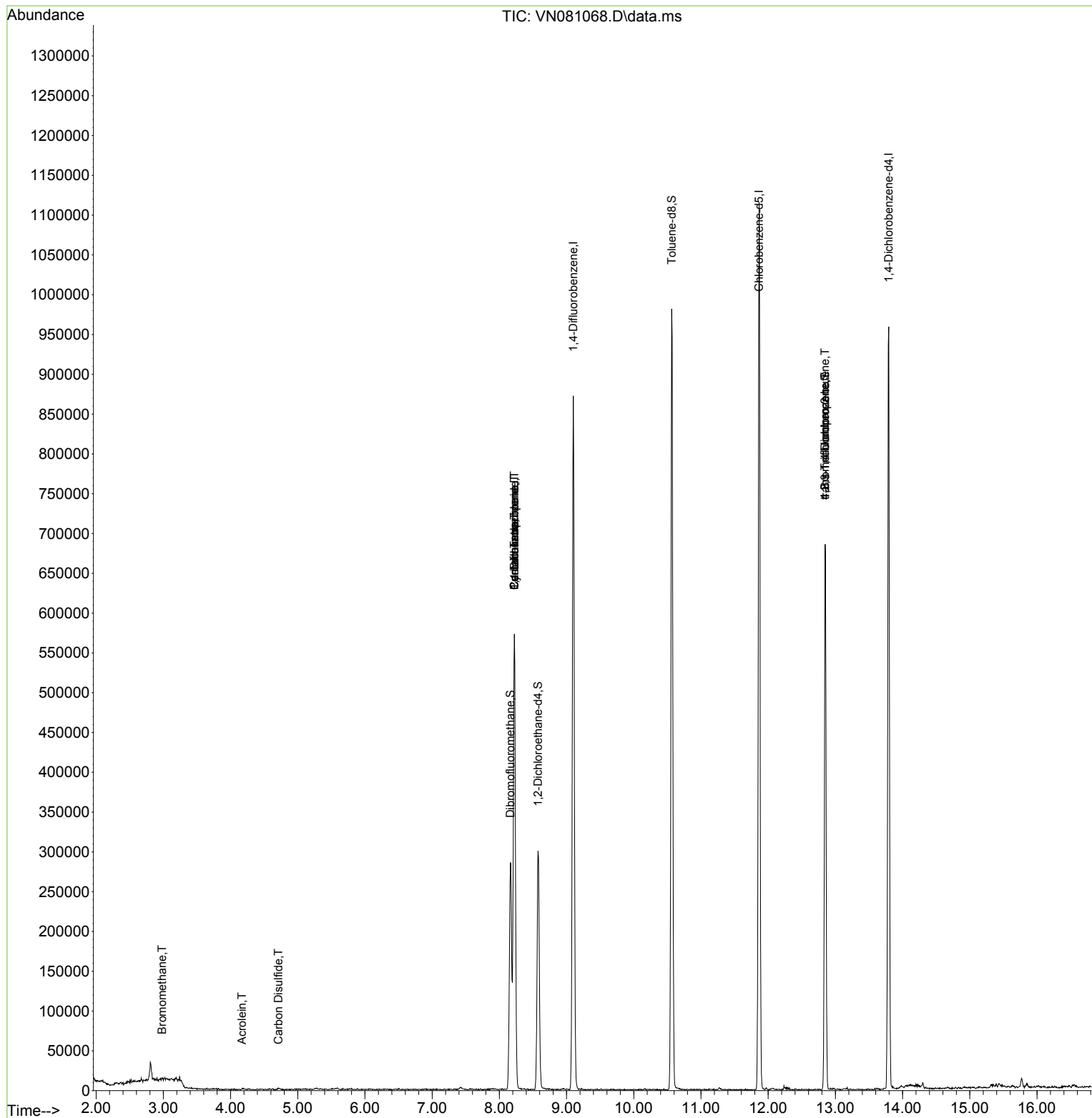
Internal Standards						
1) Pentafluorobenzene	8.224	168	405465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	752479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	641541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	243764	49.048	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.100%		
35) Dibromofluoromethane	8.165	113	206517	48.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.060%		
50) Toluene-d8	10.565	98	688010	45.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.060%		
62) 4-Bromofluorobenzene	12.847	95	240677	42.383	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.760%		
Target Compounds						
3) Chloromethane	2.371	50	2340	Below Cal		97
5) Bromomethane	2.983	94	1296	0.313 ug/l #		73
6) Chloroethane	3.112	64	288	Below Cal #		42
13) Acrolein	4.171	56	542	1.106 ug/l		85
17) Carbon Disulfide	4.712	76	2636	0.206 ug/l #		78
20) Methylene Chloride	5.289	84	623	Below Cal #		19
31) Cyclohexane	8.224	56	9837	1.146 ug/l #		1
36) 1,1-Dichloropropene	8.224	75	34365	4.714 ug/l #		52
38) Carbon Tetrachloride	8.224	117	44925	6.091 ug/l #		18
49) 1,4-Dioxane	9.682	88	130	Below Cal #		56
76) 1,2,3-Trichloropropane	12.847	75	129476	22.482 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	129476	57.868 ug/l #		14

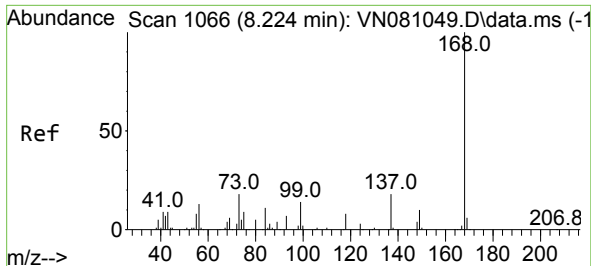
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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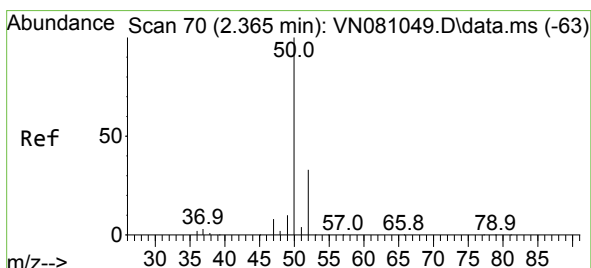
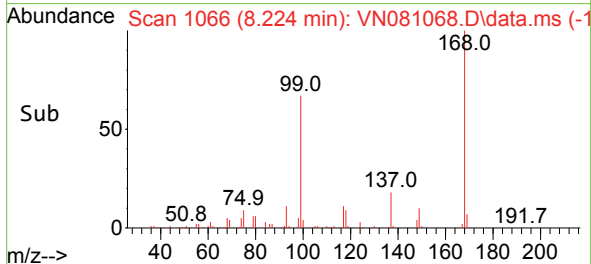
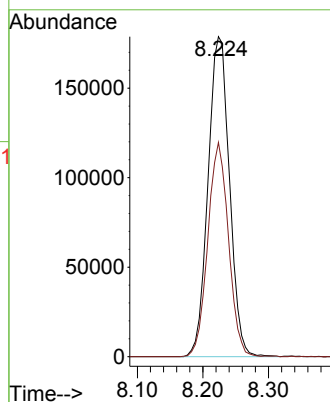
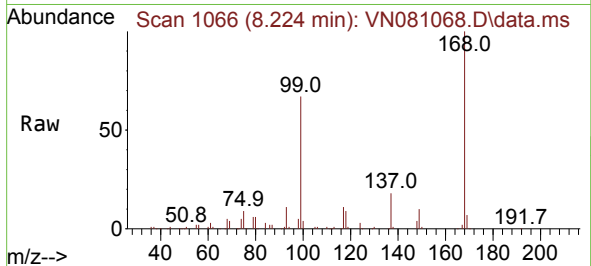




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

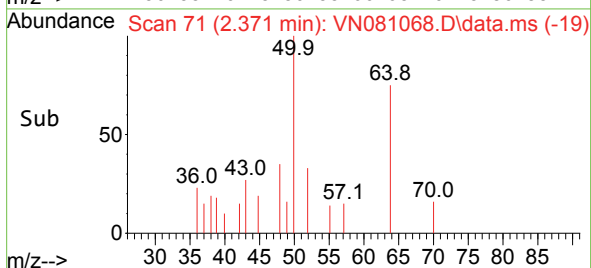
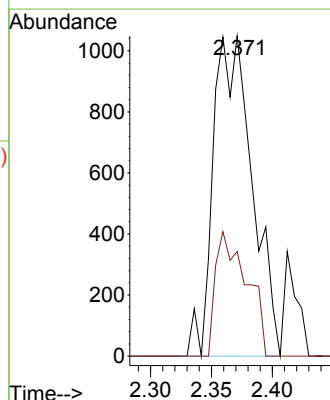
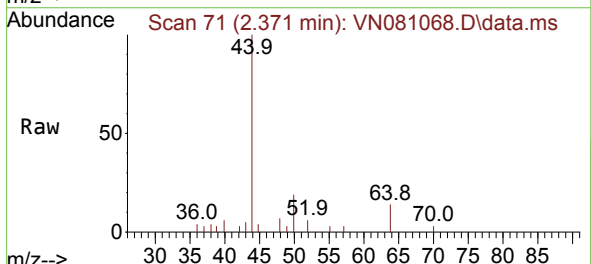
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

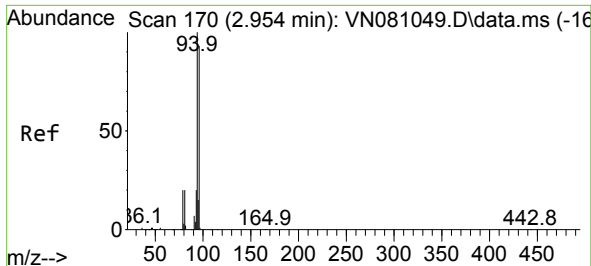
Tgt Ion:168 Resp: 405465
Ion Ratio Lower Upper
168 100
99 67.0 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion: 50 Resp: 2340
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

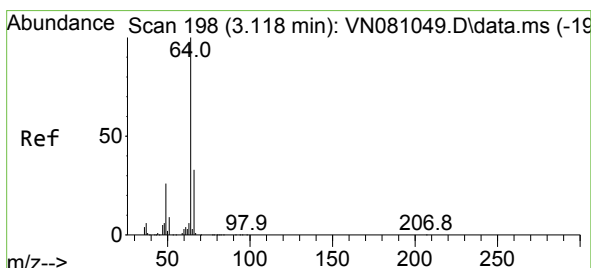
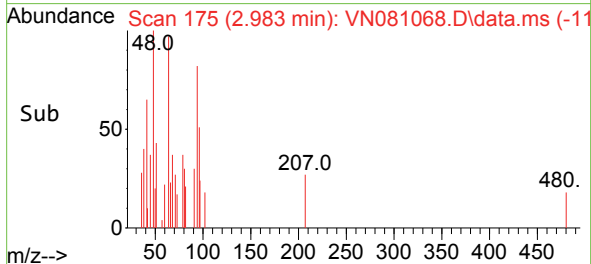
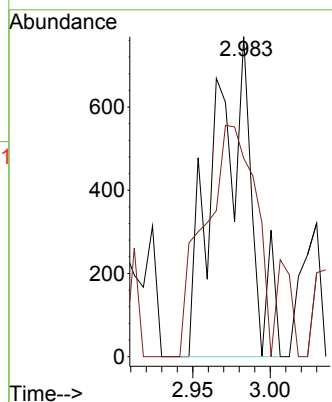
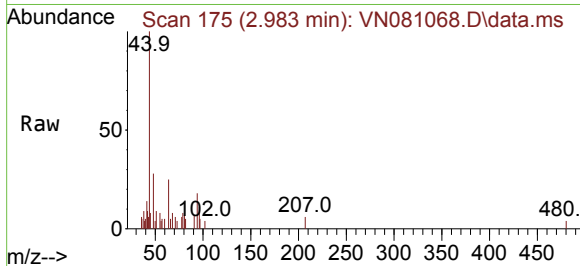




#5
Bromomethane
Concen: 0.313 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

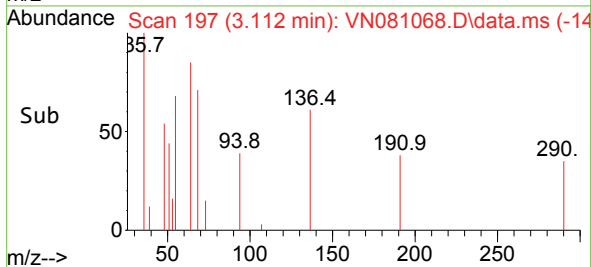
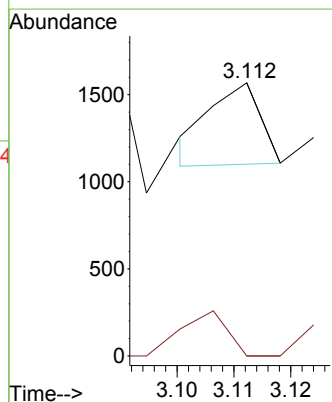
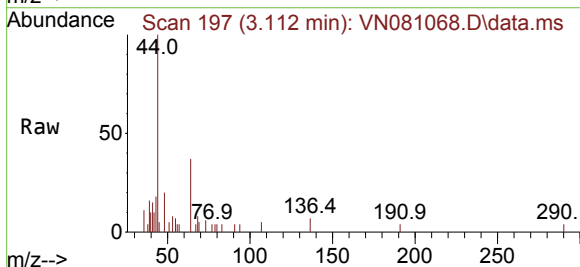
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

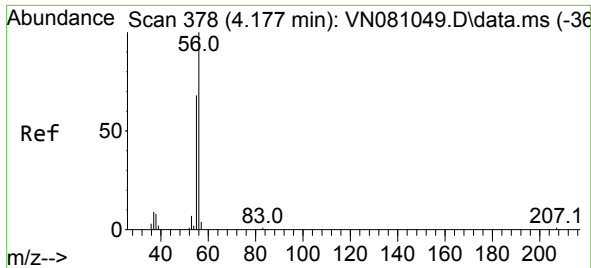
Tgt Ion: 94 Resp: 1296
Ion Ratio Lower Upper
94 100
96 62.0 69.2 103.8#



#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

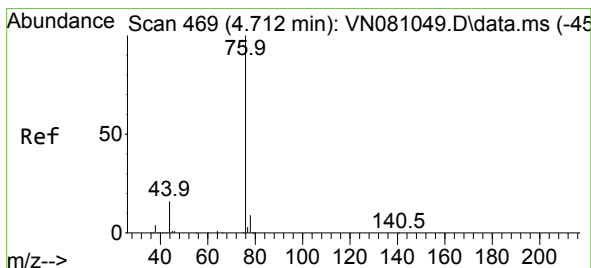
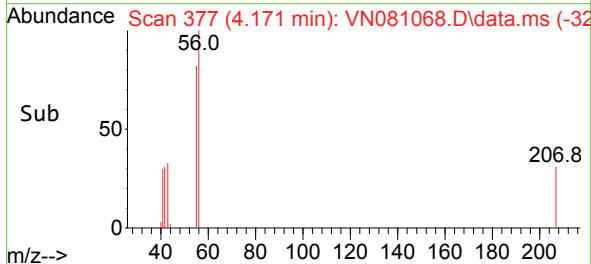
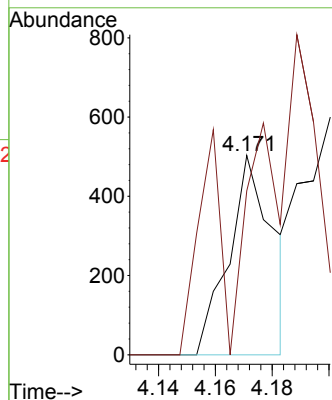
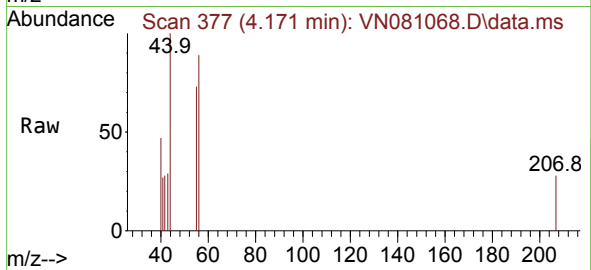




#13
Acrolein
Concen: 1.106 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

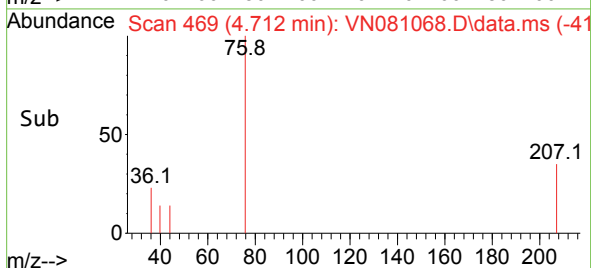
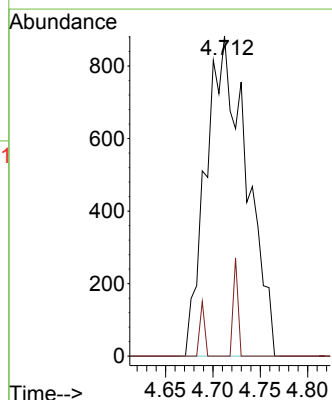
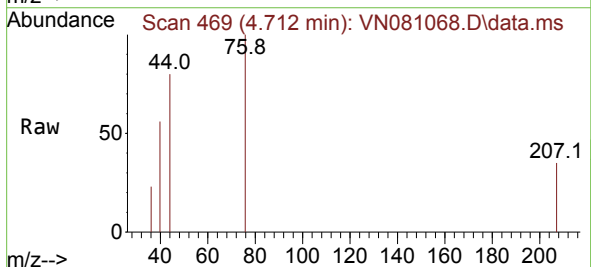
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

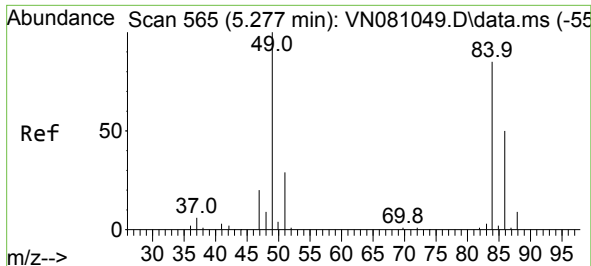
Tgt Ion: 56 Resp: 542
Ion Ratio Lower Upper
56 100
55 57.0 55.3 82.9



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

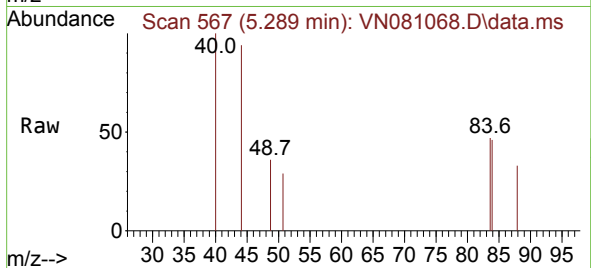
Tgt Ion: 76 Resp: 2636
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



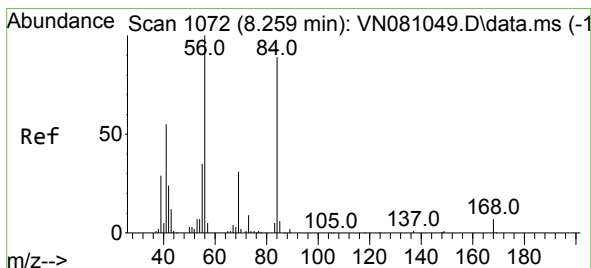
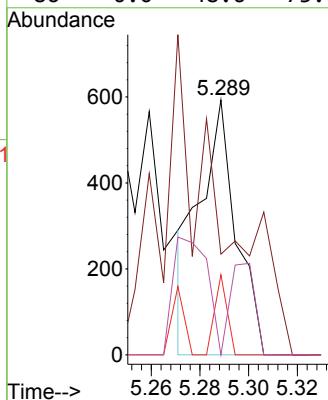


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

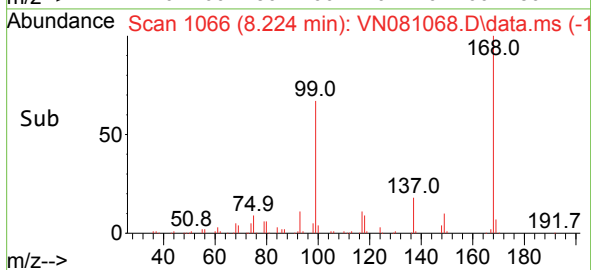
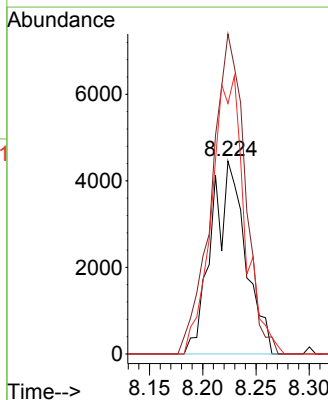
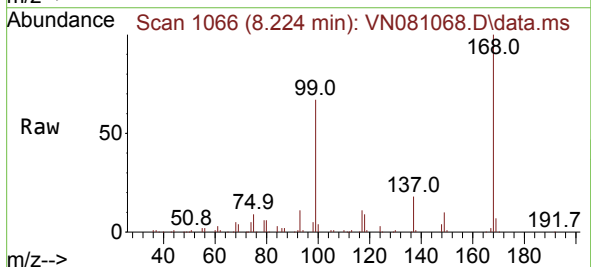


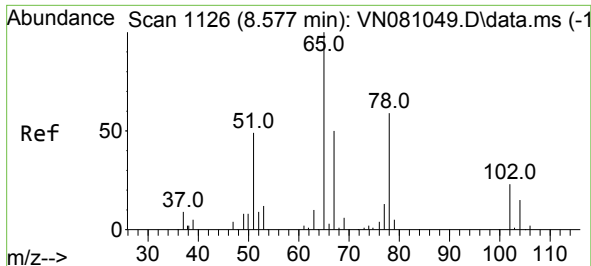
Tgt Ion:	84	Resp:	623
Ion	Ratio	Lower	Upper
84	100		
49	13.8	108.1	162.1#
51	31.4	32.9	49.3#
86	0.0	48.6	73.0#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion:	56	Resp:	9837
Ion	Ratio	Lower	Upper
56	100		
69	166.0	20.1	30.1#
84	129.9	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 49.048 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081068.D

Acq: 19 Feb 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

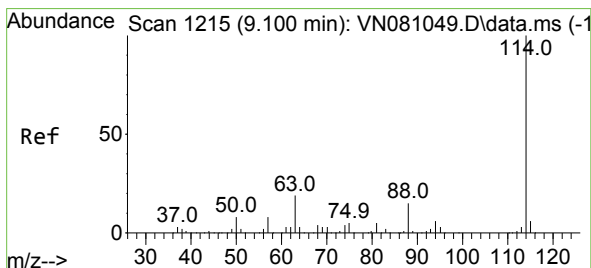
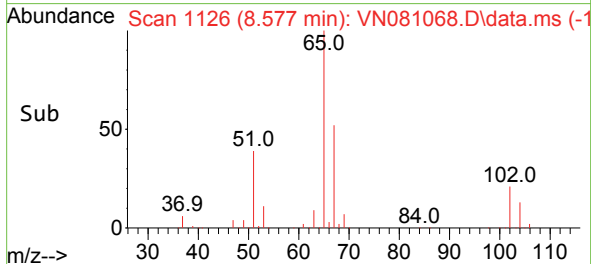
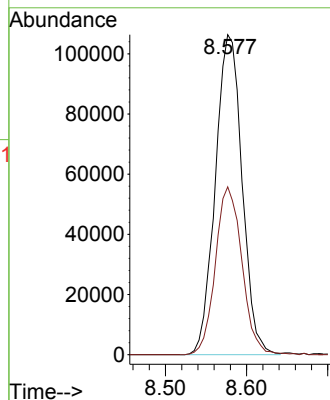
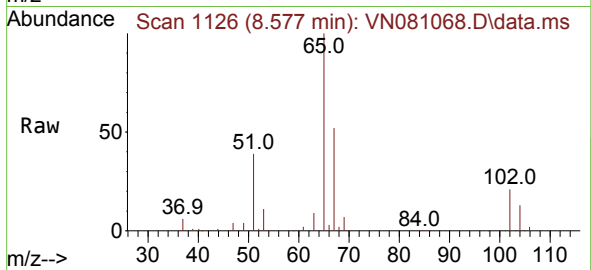
VN0219WBL01

Tgt Ion: 65 Resp: 243764

Ion Ratio Lower Upper

65 100

67 52.0 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: VN081068.D

Acq: 19 Feb 2024 11:15

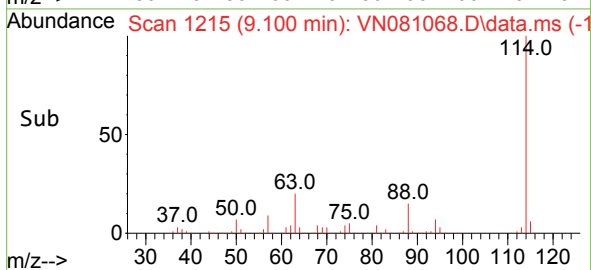
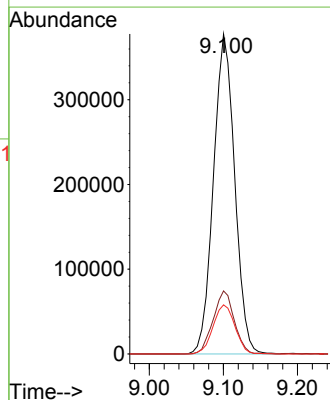
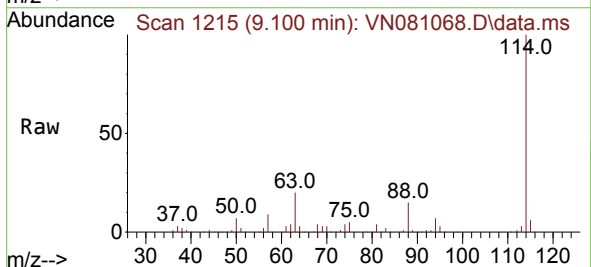
Tgt Ion: 114 Resp: 752479

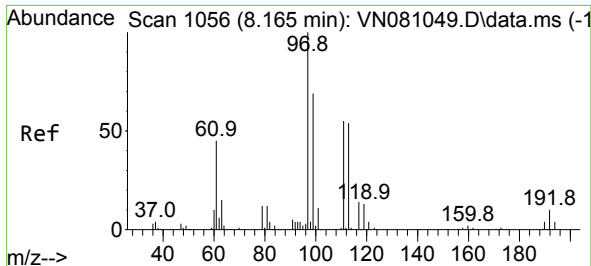
Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 15.3 0.0 34.8

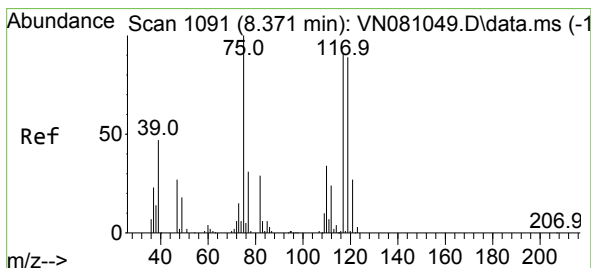
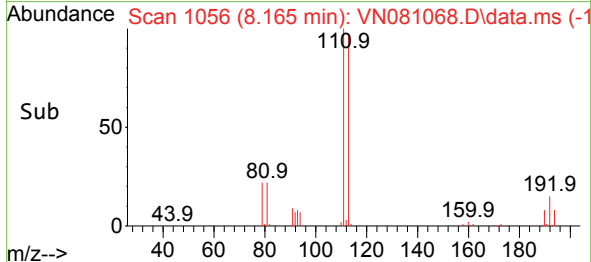
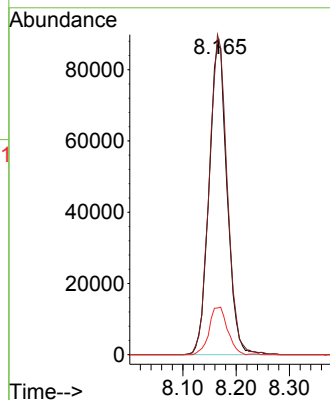
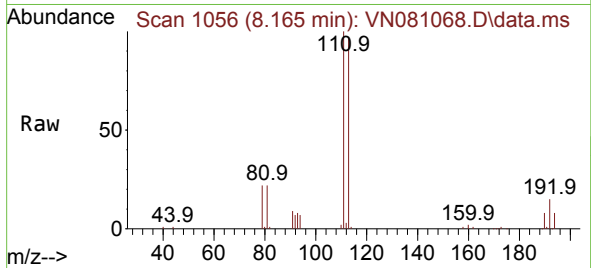




#35
Dibromofluoromethane
Concen: 48.535 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

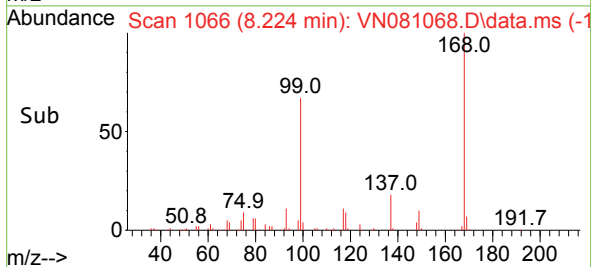
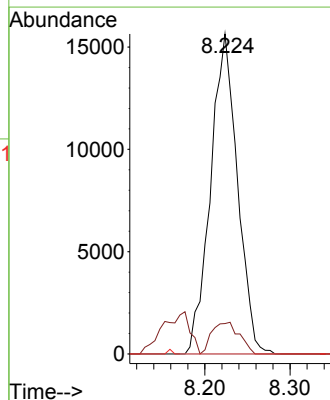
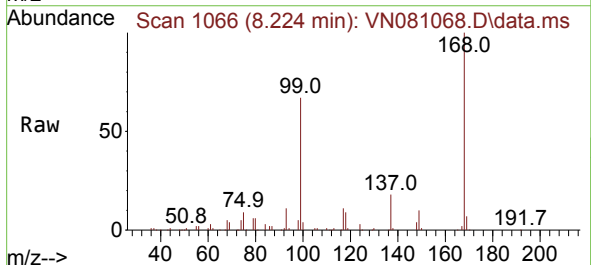
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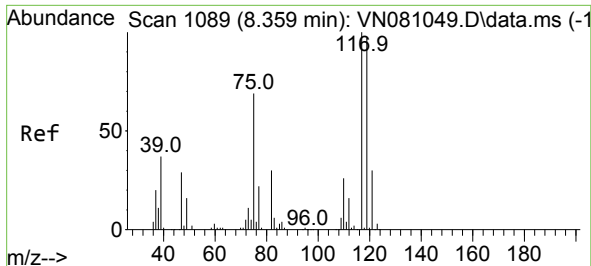
Tgt Ion:113 Resp: 206517
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 15.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion: 75 Resp: 34365
Ion Ratio Lower Upper
75 100
110 10.1 16.0 48.0#
77 0.0 25.8 38.6#

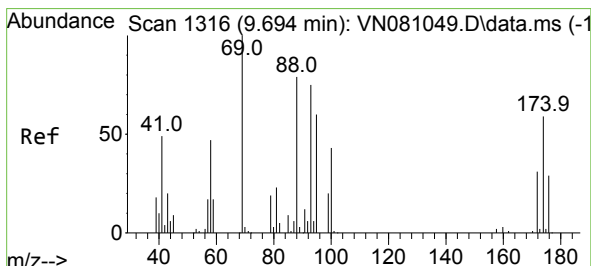
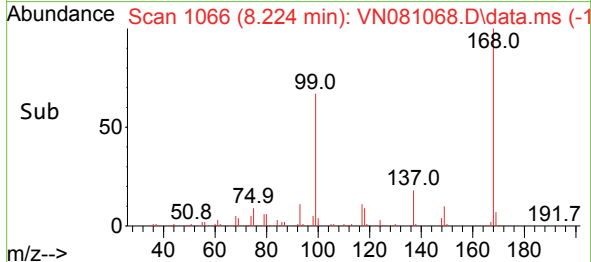
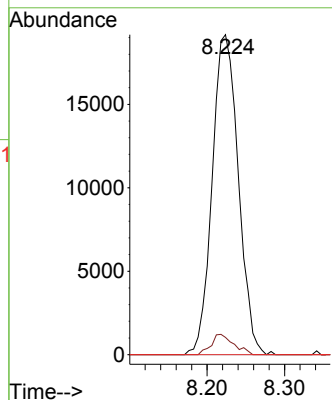
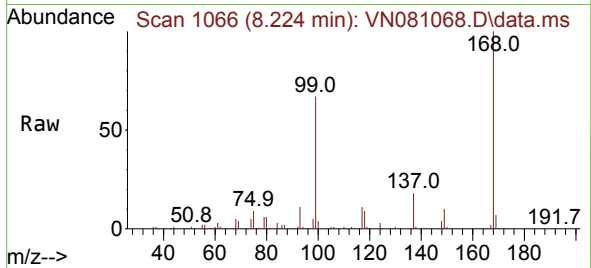




#38
Carbon Tetrachloride
Concen: 6.091 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

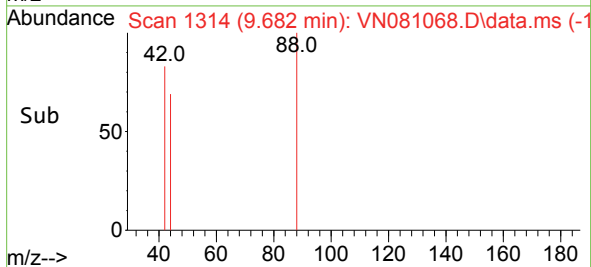
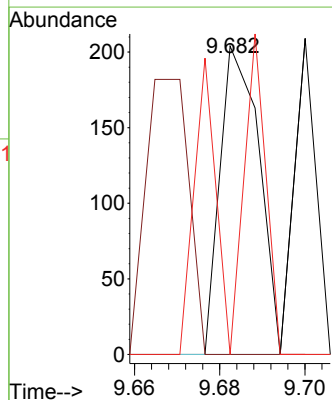
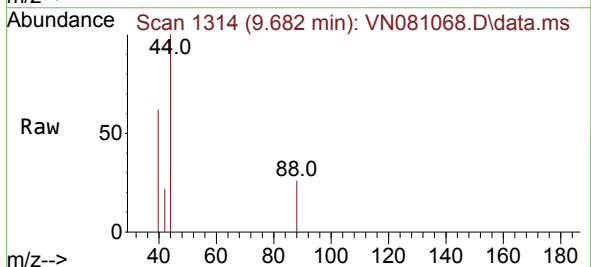
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

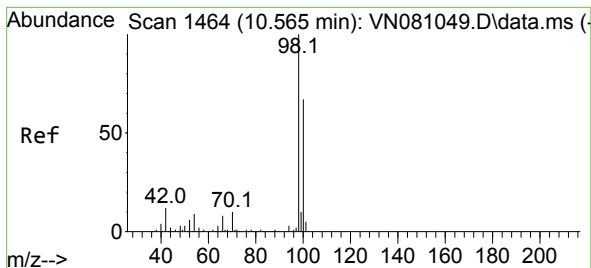
Tgt Ion:117 Resp: 44925
Ion Ratio Lower Upper
117 100
119 5.4 73.4 110.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.682 min Scan# 1314
Delta R.T. -0.012 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 110.8 63.9 95.9#

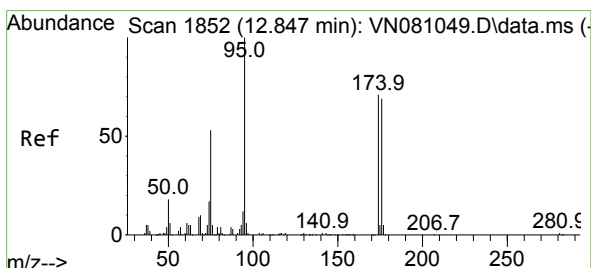
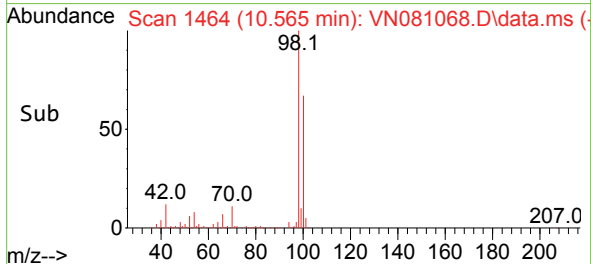
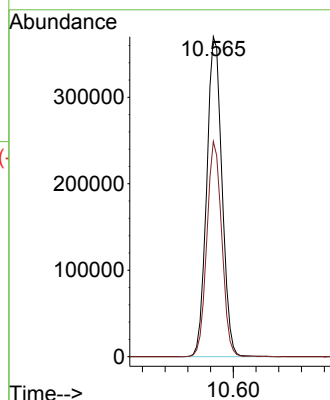
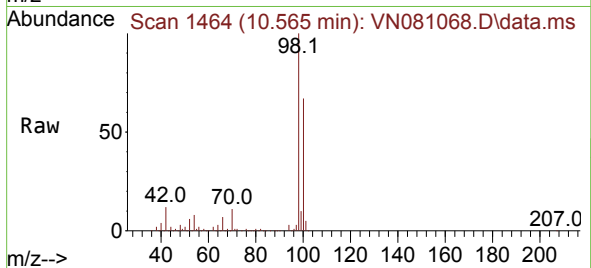




#50
Toluene-d8
Concen: 45.525 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

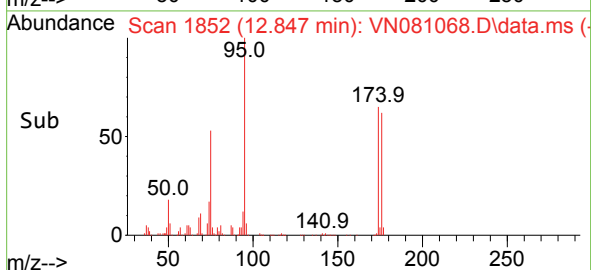
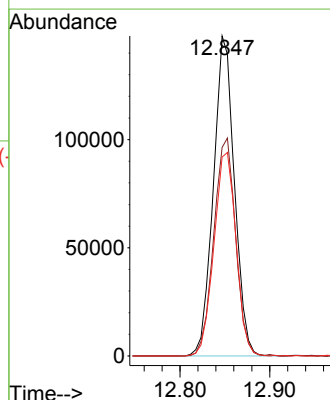
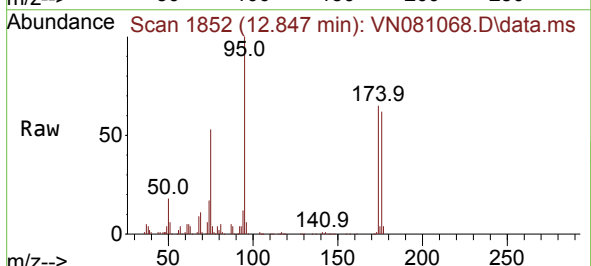
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

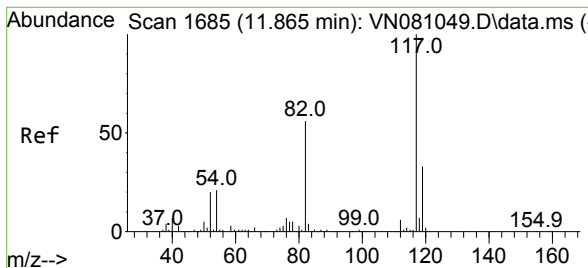
Tgt Ion: 98 Resp: 688010
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.383 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion: 95 Resp: 240677
Ion Ratio Lower Upper
95 100
174 70.6 0.0 120.4
176 66.9 0.0 121.0

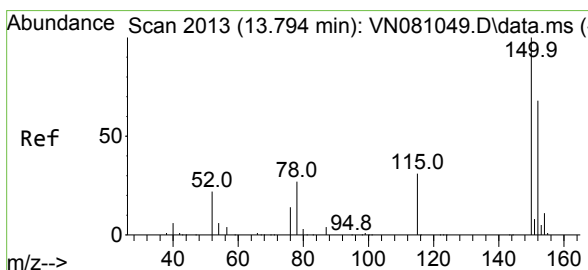
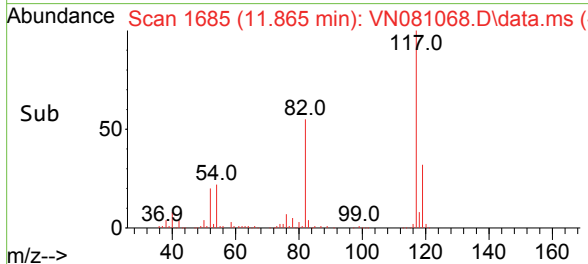
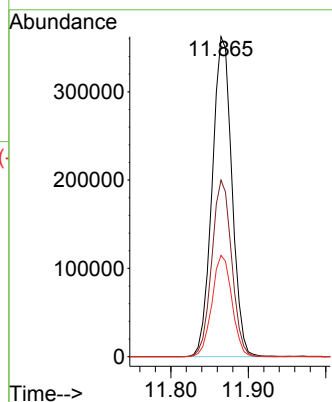
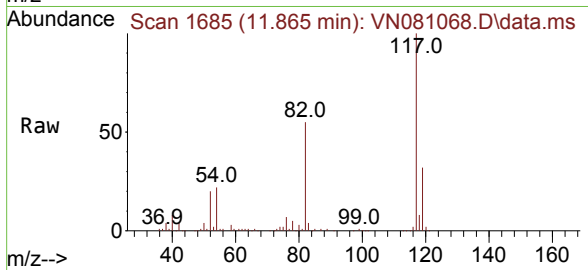




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

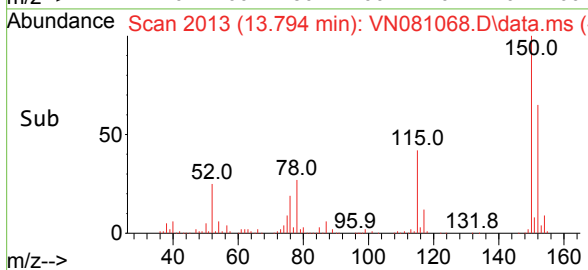
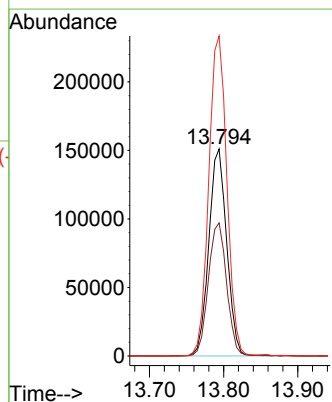
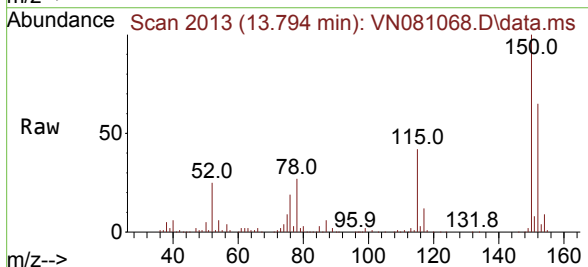
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

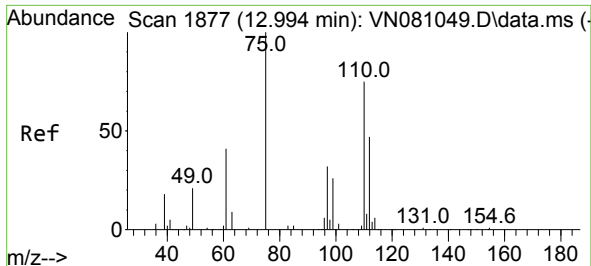
Tgt Ion:117 Resp: 641541
Ion Ratio Lower Upper
117 100
82 55.1 52.7 79.1
119 31.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion:152 Resp: 253468
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 155.9 0.0 339.8

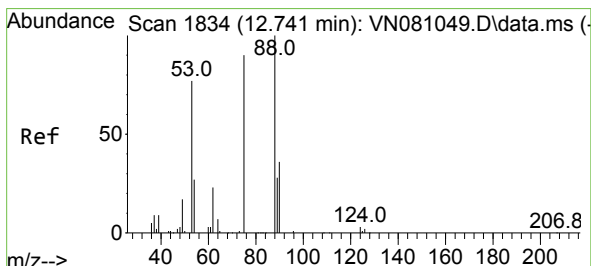
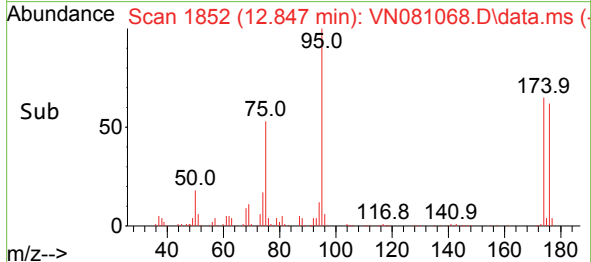
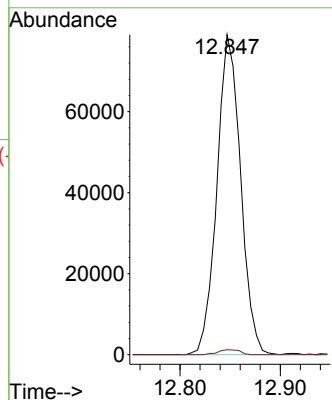
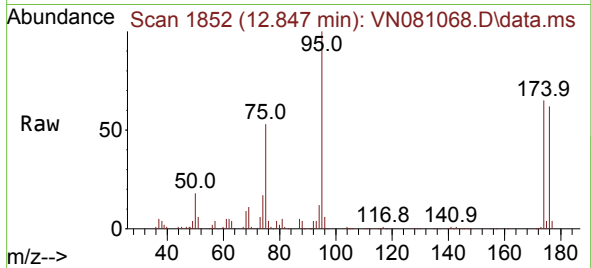




#76
1,2,3-Trichloropropane
Concen: 22.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

Tgt Ion: 75 Resp: 129476
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.868 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081068.D
Acq: 19 Feb 2024 11:15

Tgt Ion: 75 Resp: 129476
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

