

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081069.D
 Acq On : 19 Feb 2024 11:41
 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 00:19:24 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)

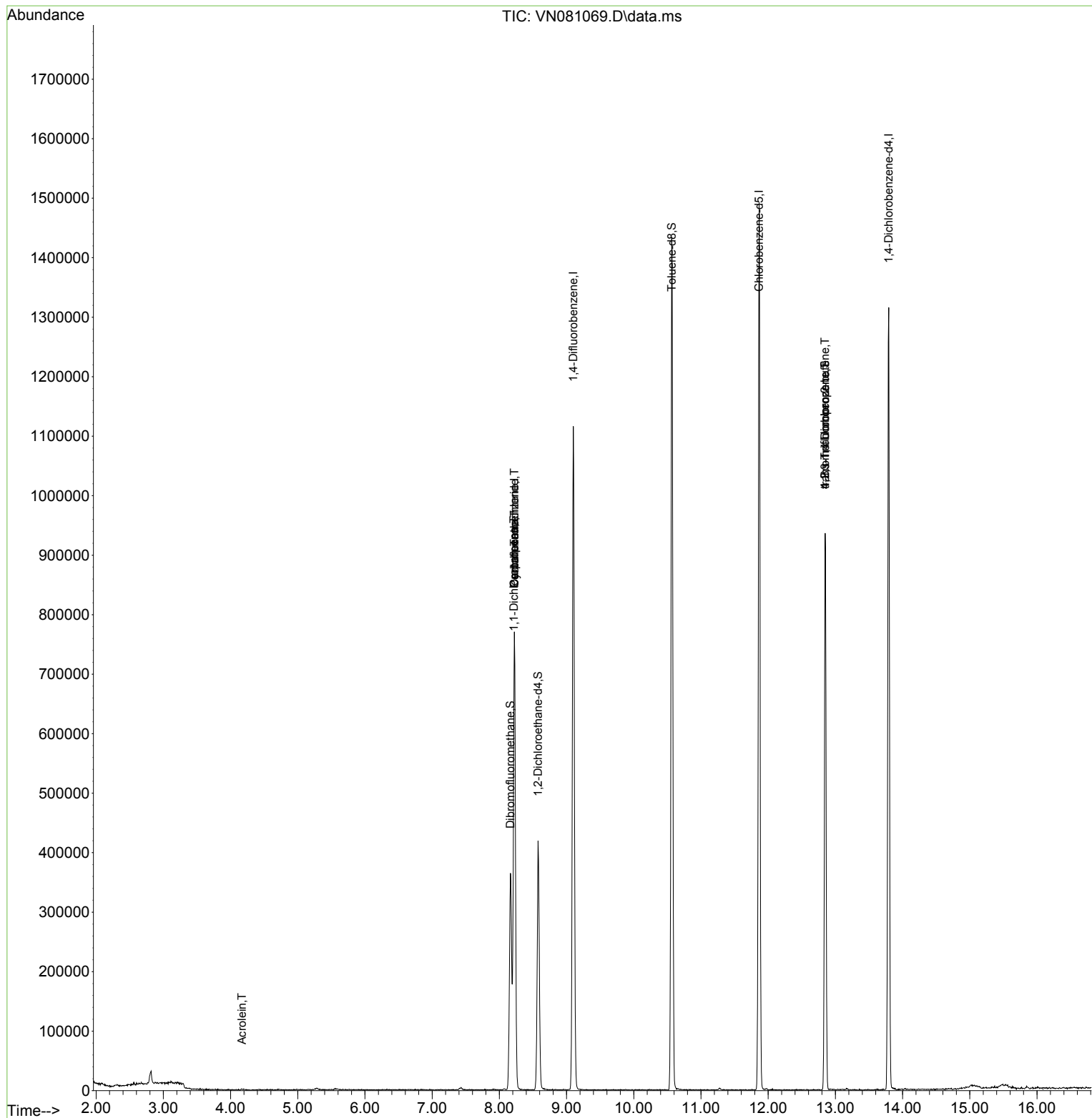
Internal Standards						
1) Pentafluorobenzene	8.224	168	539266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	983304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	855492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	350427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	319767	48.377	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.760%
35) Dibromofluoromethane	8.165	113	255110	45.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	10.565	98	996133	50.441	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.847	95	326631	44.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1483	Below Cal	#	43
6) Chloroethane	3.106	64	1085	Below Cal	#	42
13) Acrolein	4.171	56	727	1.116	ug/l #	32
20) Methylene Chloride	5.283	84	1772	Below Cal	#	41
31) Cyclohexane	8.224	56	12687	1.112	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	46476	4.879	ug/l #	51
38) Carbon Tetrachloride	8.224	117	58475	6.067	ug/l #	19
49) 1,4-Dioxane	9.688	88	290	Below Cal	#	52
76) 1,2,3-Trichloropropane	12.847	75	177978	22.354	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	177978	57.536	ug/l #	14

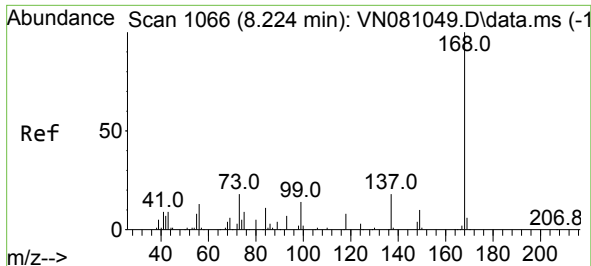
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
Data File : VN081069.D
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Sample : VN0219WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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VN0219WBL01

Quant Time: Feb 20 00:19:24 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

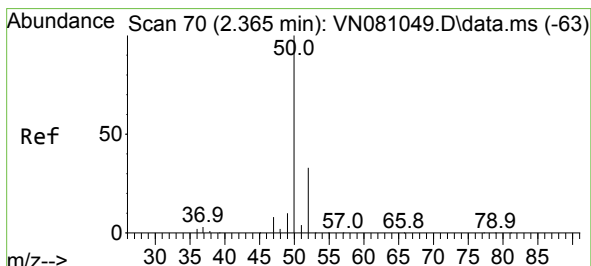
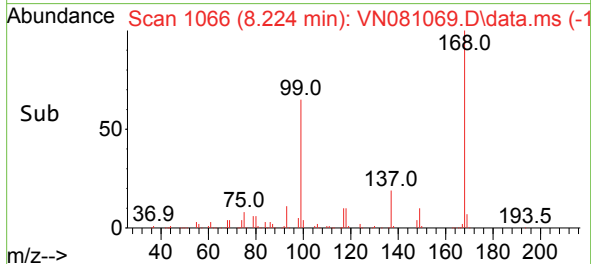
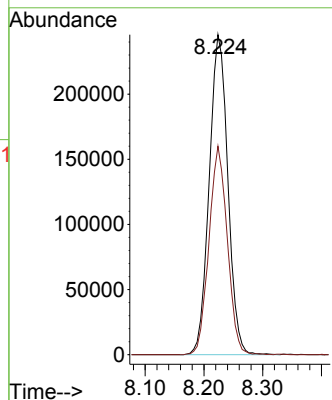
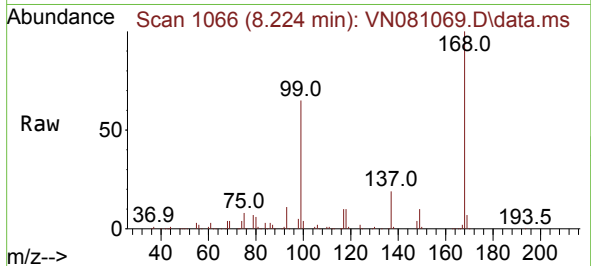




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

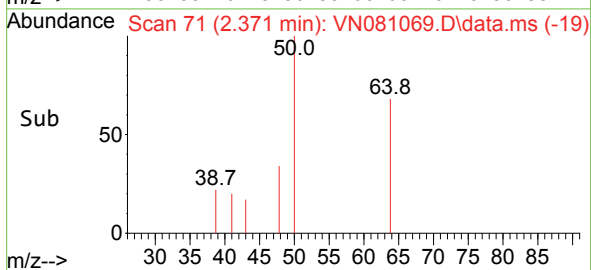
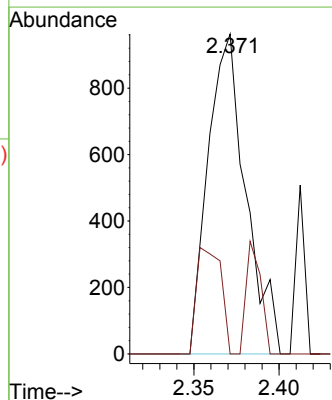
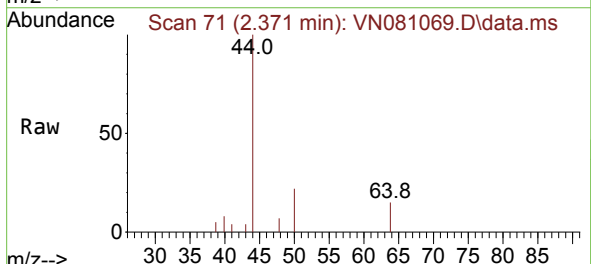
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

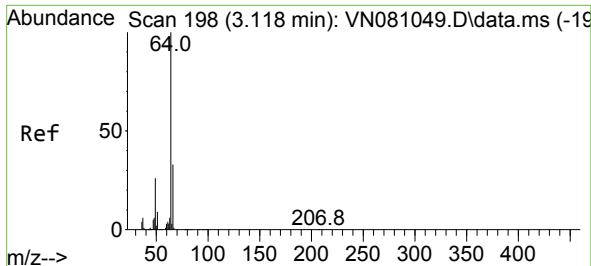
Tgt Ion:168 Resp: 539266
Ion Ratio Lower Upper
168 100
99 65.1 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

Tgt Ion: 50 Resp: 1483
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

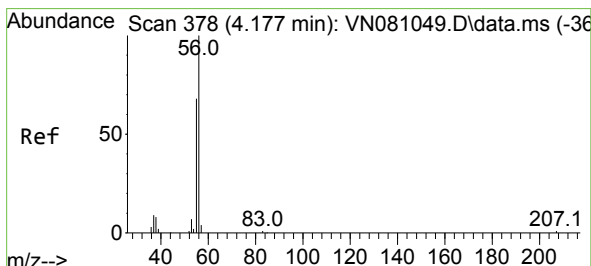
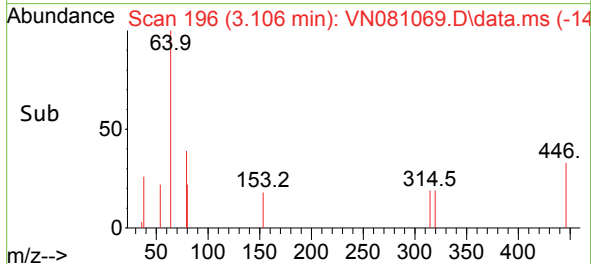
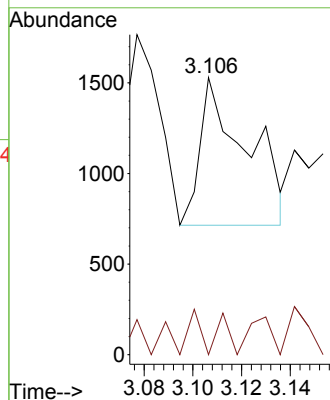
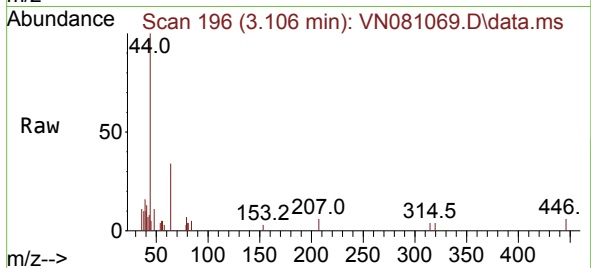




#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

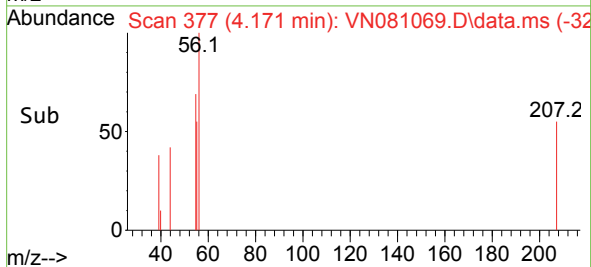
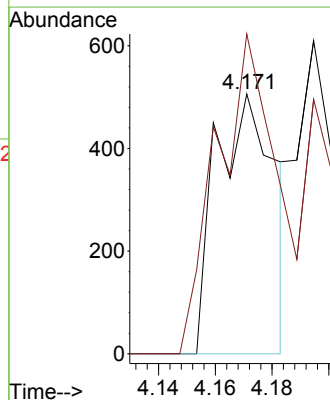
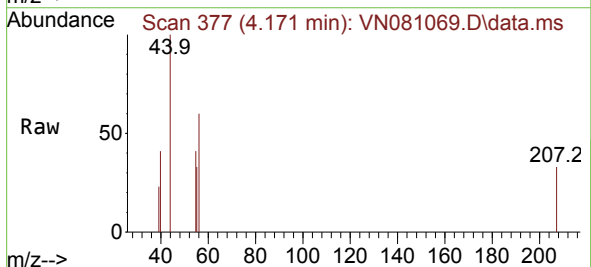
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

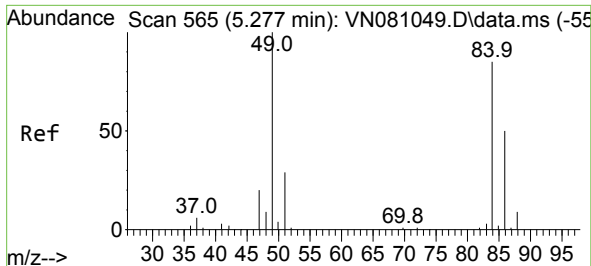
Tgt Ion: 64 Resp: 1085
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 1.116 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

Tgt Ion: 56 Resp: 727
Ion Ratio Lower Upper
56 100
55 124.3 55.3 82.9#

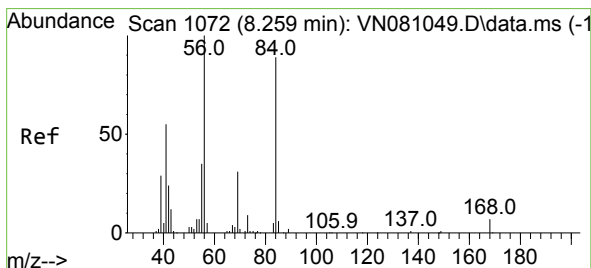
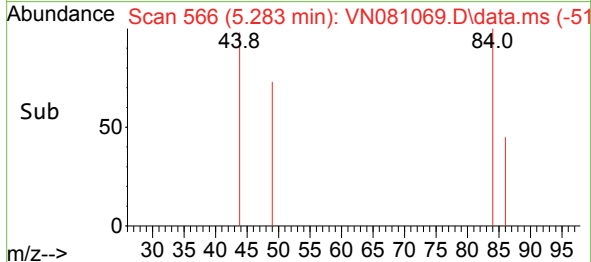
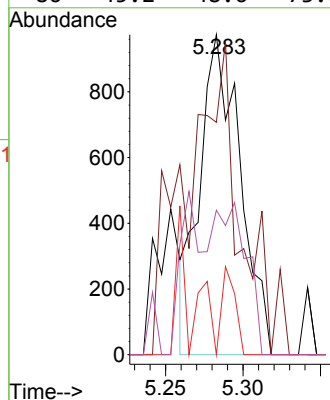
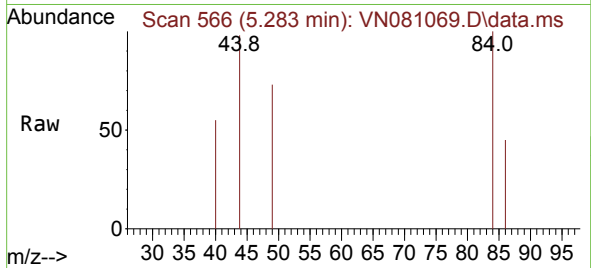




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

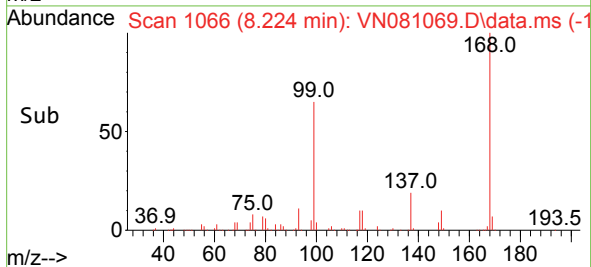
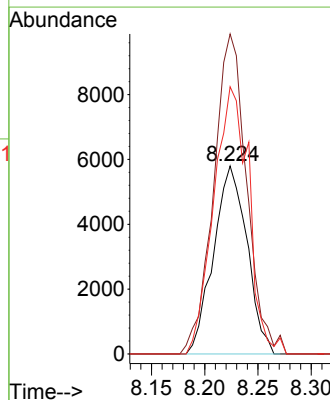
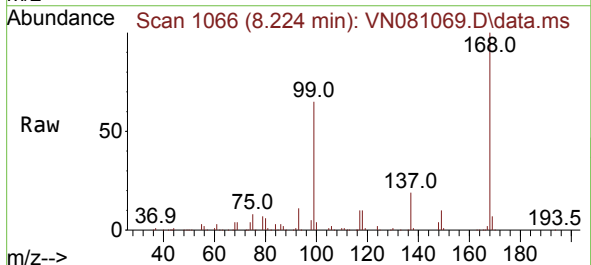
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

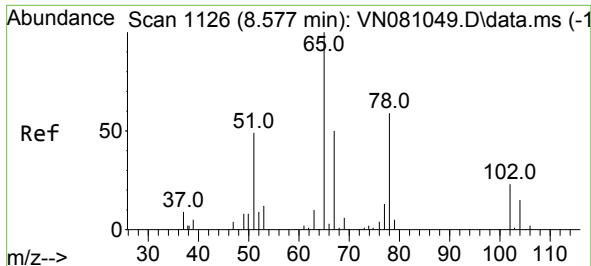
Tgt Ion:	84	Resp:	1772
Ion	Ratio	Lower	Upper
84	100		
49	45.9	108.1	162.1#
51	0.0	32.9	49.3#
86	45.2	48.6	73.0#



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

Tgt Ion:	56	Resp:	12687
Ion	Ratio	Lower	Upper
56	100		
69	170.2	20.1	30.1#
84	156.6	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 48.377 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081069.D

Acq: 19 Feb 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

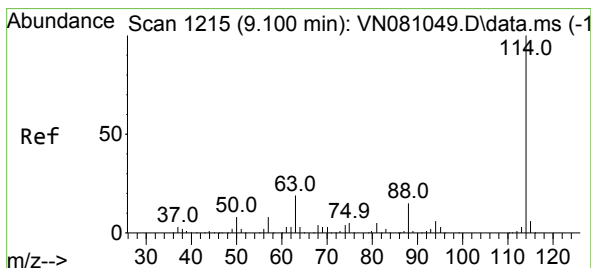
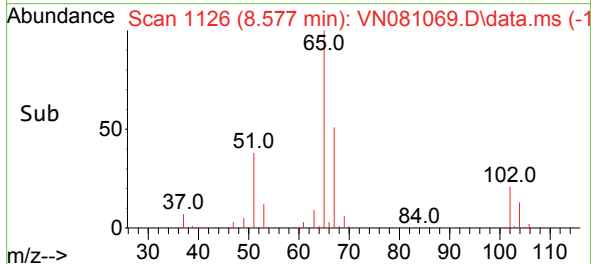
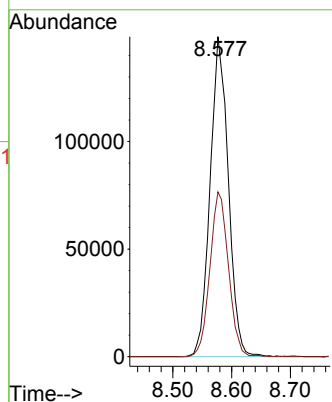
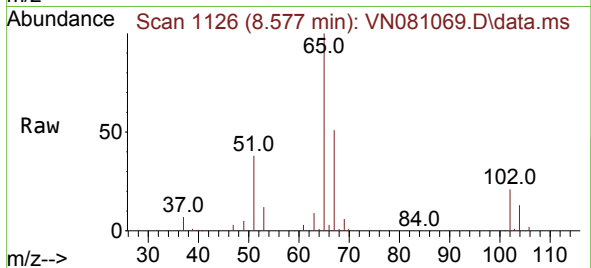
VN0219WBL01

Tgt Ion: 65 Resp: 319767

Ion Ratio Lower Upper

65 100

67 52.5 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: VN081069.D

Acq: 19 Feb 2024 11:41

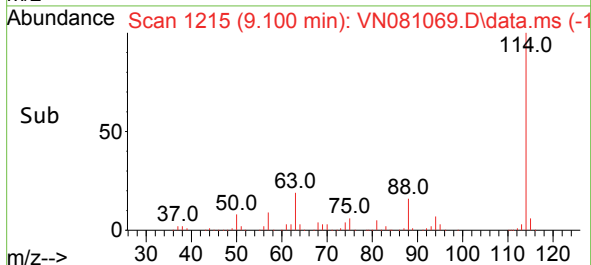
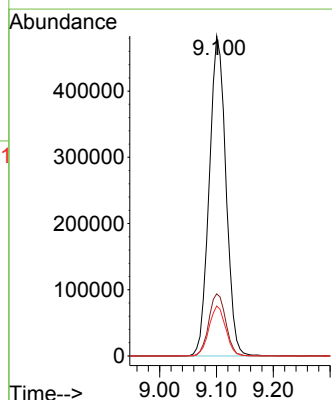
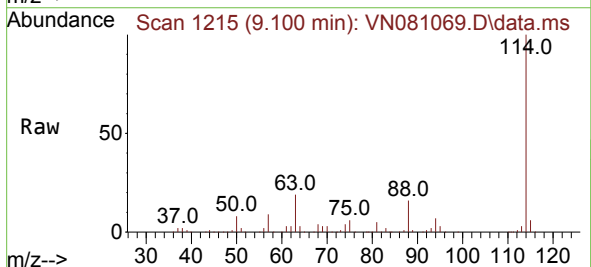
Tgt Ion: 114 Resp: 983304

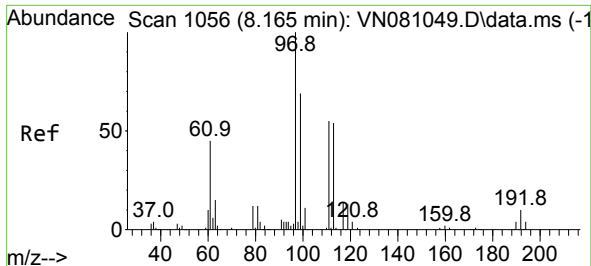
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.6 0.0 34.8

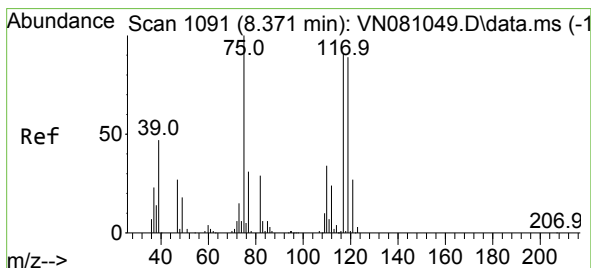
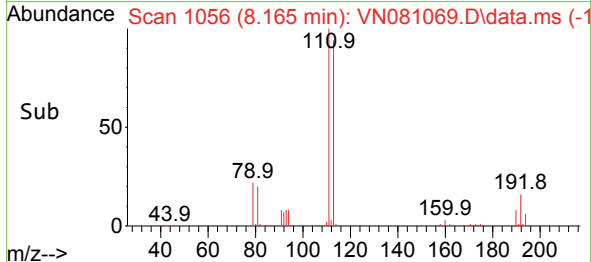
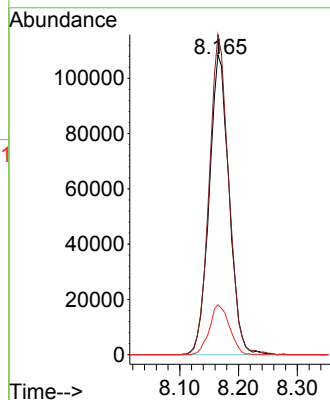
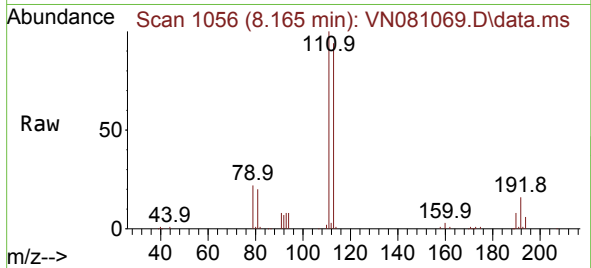




#35
Dibromofluoromethane
Concen: 45.881 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

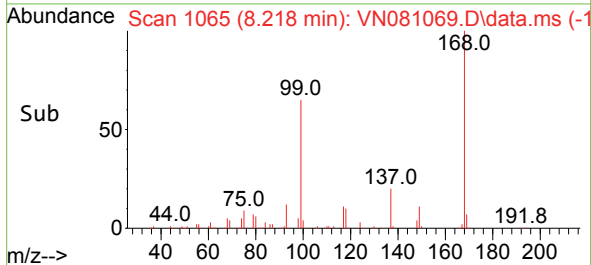
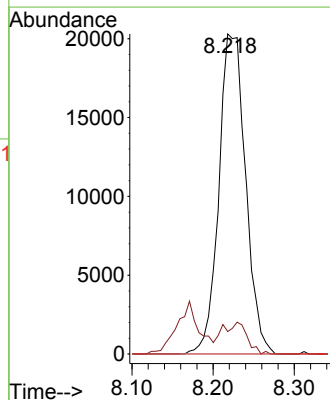
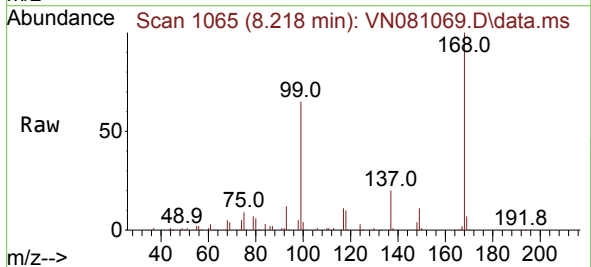
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

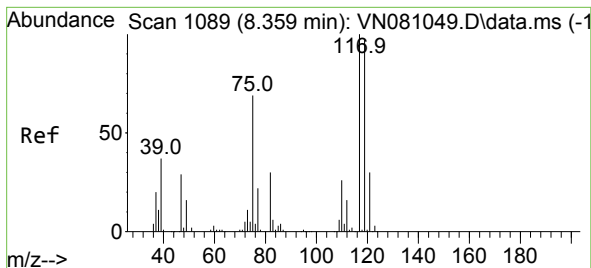
Tgt Ion:113 Resp: 255110
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.879 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

Tgt Ion: 75 Resp: 46476
Ion Ratio Lower Upper
75 100
110 9.2 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.067 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081069.D

Acq: 19 Feb 2024 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0219WBL01

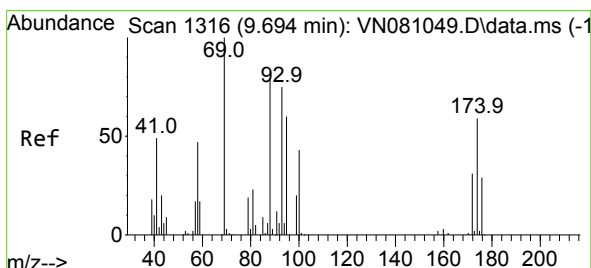
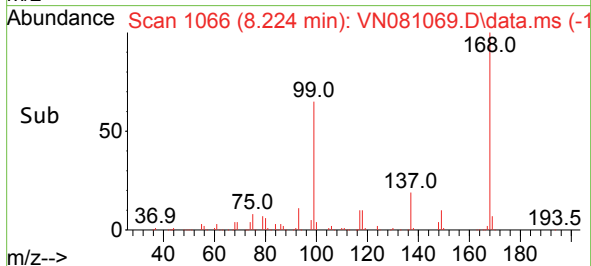
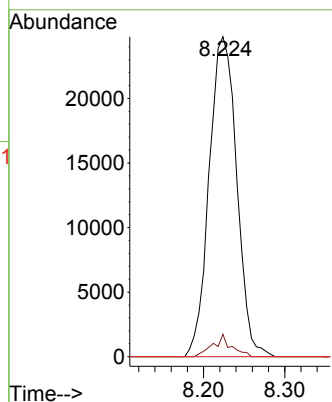
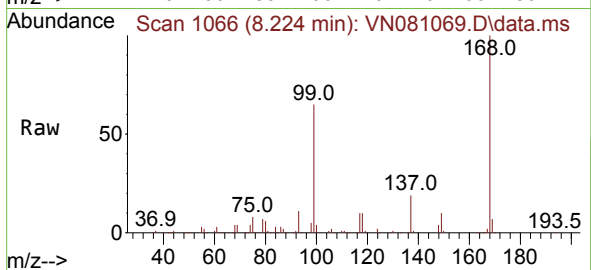
Tgt Ion:117 Resp: 58475

Ion Ratio Lower Upper

117 100

119 7.0 73.4 110.2#

121 0.0 24.4 36.6#



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN081069.D

Acq: 19 Feb 2024 11:41

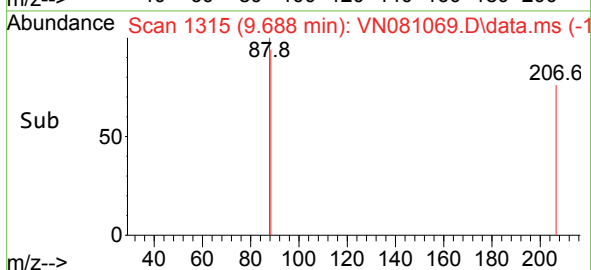
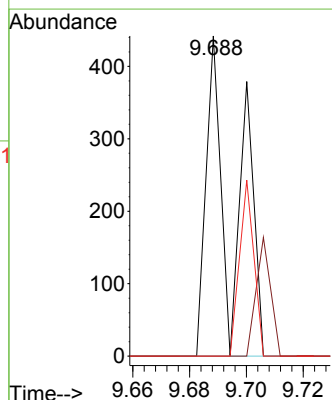
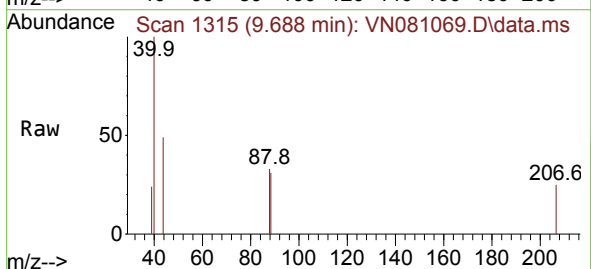
Tgt Ion: 88 Resp: 290

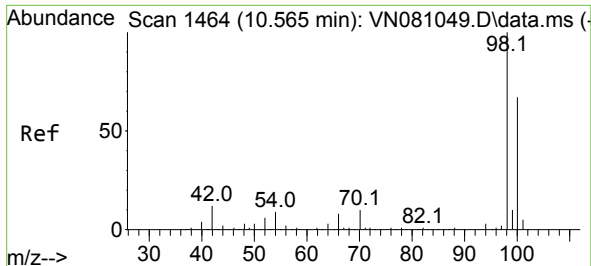
Ion Ratio Lower Upper

88 100

43 20.0 30.1 45.1#

58 29.7 63.9 95.9#

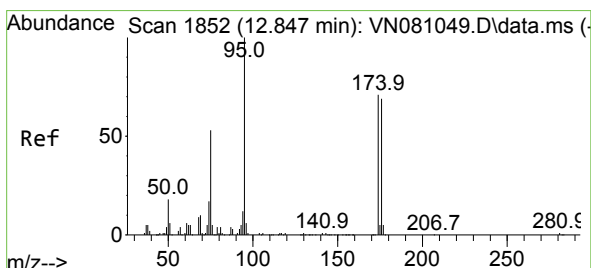
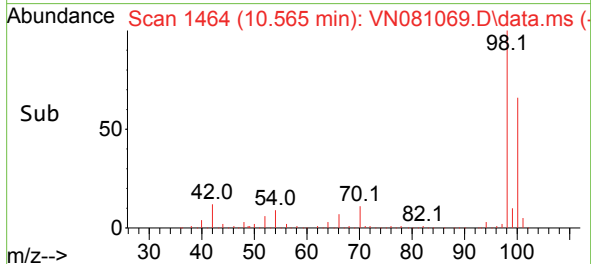
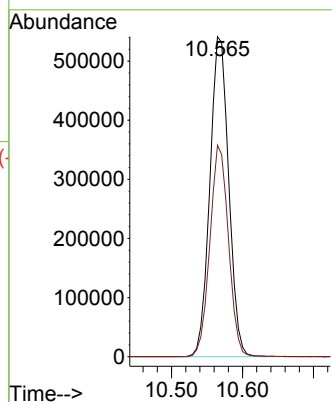
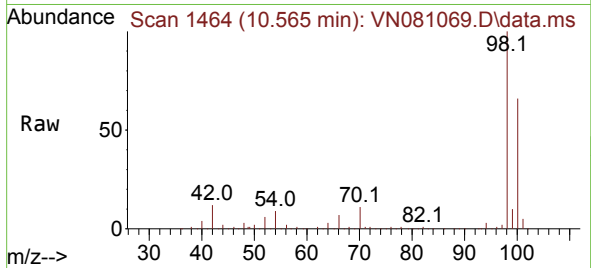




#50
Toluene-d8
Concen: 50.441 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

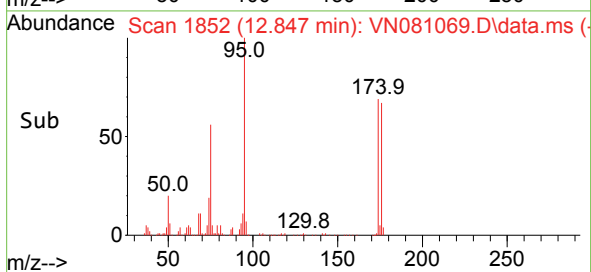
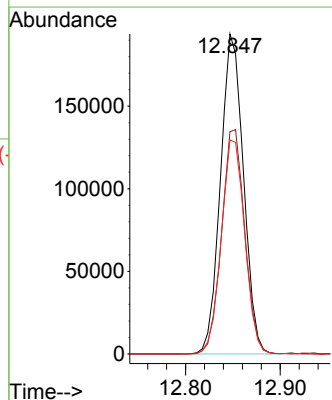
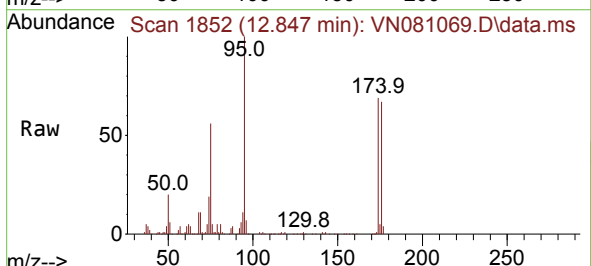
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

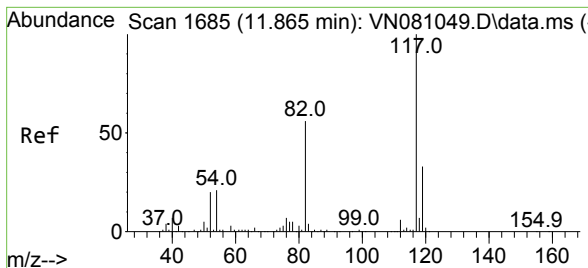
Tgt Ion: 98 Resp: 996133
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.017 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

Tgt Ion: 95 Resp: 326631
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 68.2 0.0 121.0

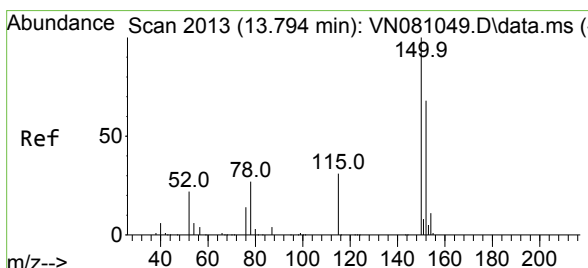
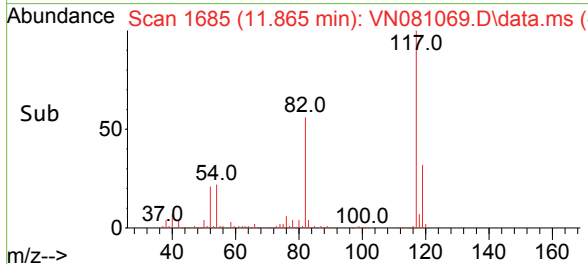
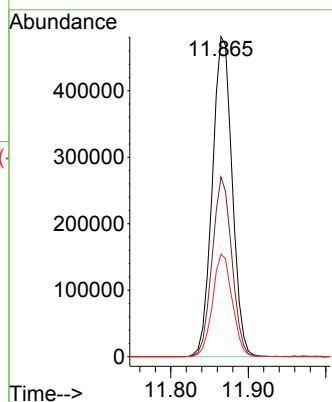
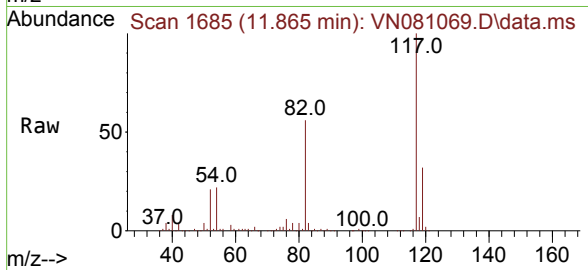




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

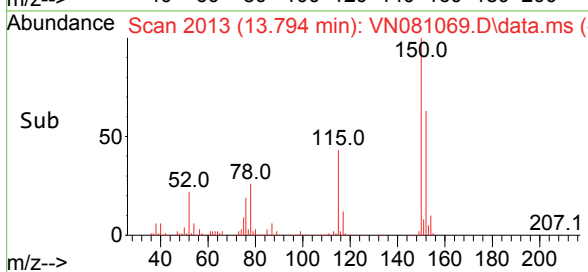
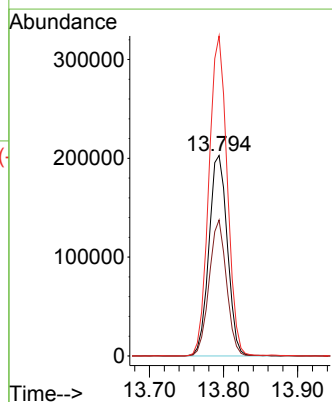
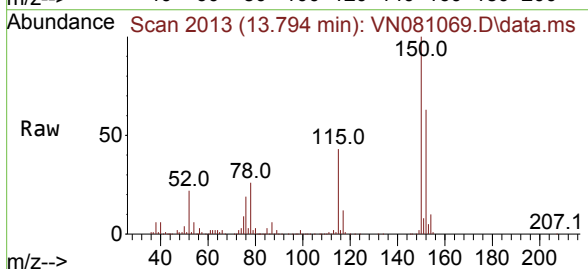
Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

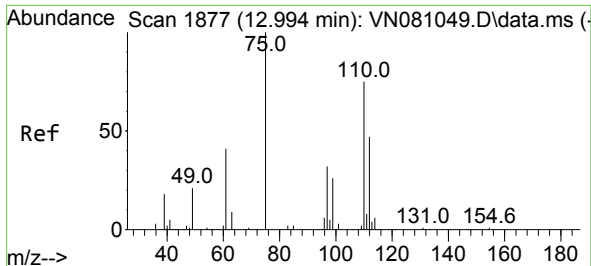
Tgt Ion:117 Resp: 855492
Ion Ratio Lower Upper
117 100
82 56.2 52.7 79.1
119 32.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

Tgt Ion:152 Resp: 350427
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 158.4 0.0 339.8

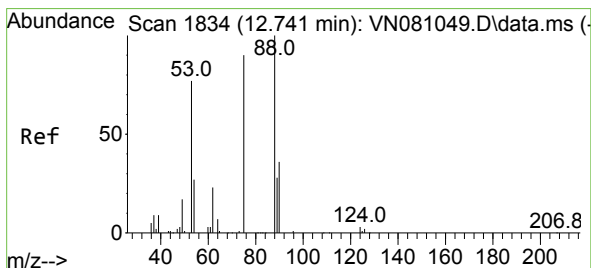
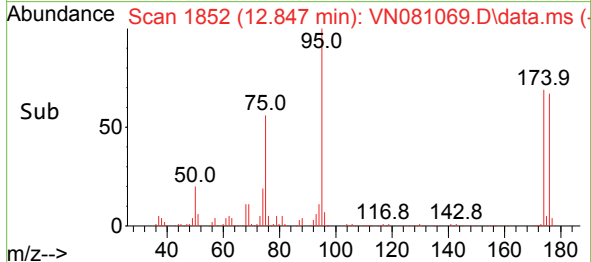
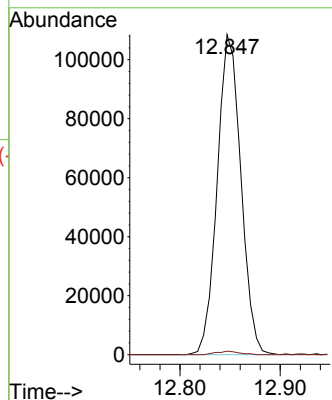
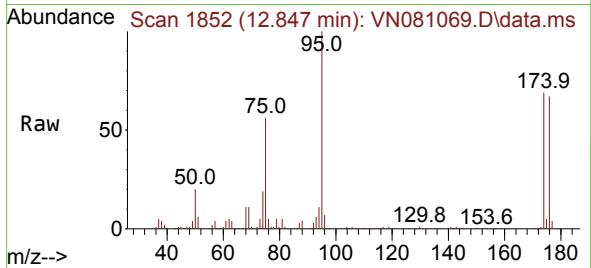




#76
1,2,3-Trichloropropane
Concen: 22.354 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0219WBL01

Tgt Ion: 75 Resp: 177978
Ion Ratio Lower Upper
75 100
77 1.1 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.536 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081069.D
Acq: 19 Feb 2024 11:41

Tgt Ion: 75 Resp: 177978
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

