

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081608.D
 Acq On : 29 Mar 2024 12:08
 Operator : JC\MD
 Sample : VN0329MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329MBL01

Quant Time: Mar 30 00:26:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

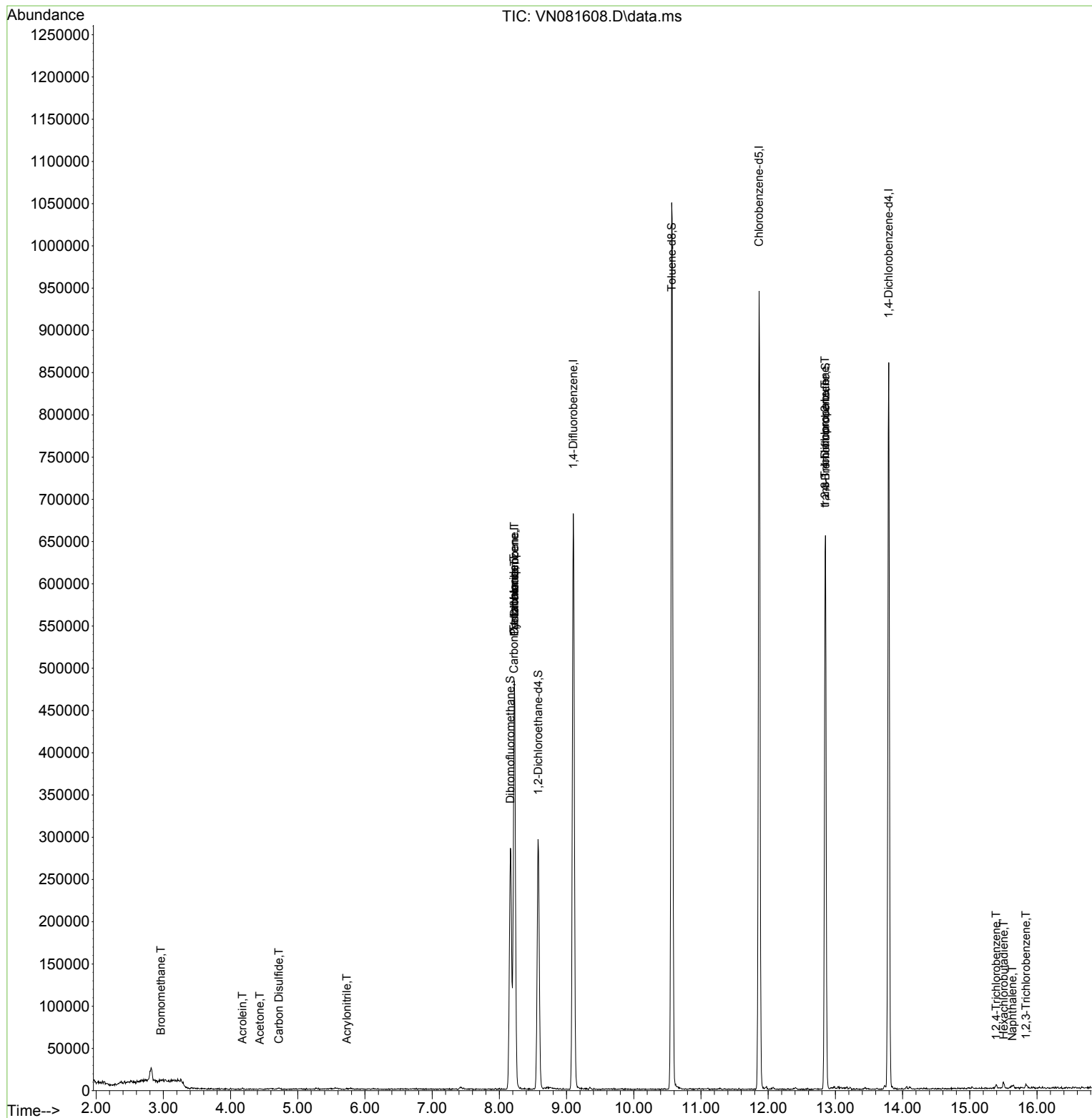
Internal Standards						
1) Pentafluorobenzene	8.224	168	337747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	612477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	559488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	234586	54.464	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 108.920%		
35) Dibromofluoromethane	8.165	113	206476	53.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 106.840%		
50) Toluene-d8	10.565	98	743617	53.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.440%		
62) 4-Bromofluorobenzene	12.853	95	227237	46.154	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 92.300%		
Target Compounds						Qvalue
5) Bromomethane	2.965	94	1245	0.346	ug/l #	77
13) Acrolein	4.177	56	547	0.812	ug/l	88
15) Acrylonitrile	5.730	53	776	0.386	ug/l #	54
16) Acetone	4.436	43	423	0.304	ug/l #	20
17) Carbon Disulfide	4.718	76	3633	0.318	ug/l #	84
31) Cyclohexane	8.224	56	7959	1.136	ug/l #	13
36) 1,1-Dichloropropene	8.224	75	29017	4.461	ug/l #	50
38) Carbon Tetrachloride	8.218	117	37936	5.324	ug/l #	18
76) 1,2,3-Trichloropropane	12.847	75	120698	21.863	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	120698	59.081	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.394	180	1712	0.345	ug/l #	79
94) Hexachlorobutadiene	15.506	225	1167	0.535	ug/l #	69
95) Naphthalene	15.635	128	5406	0.336	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	1209	0.242	ug/l #	63

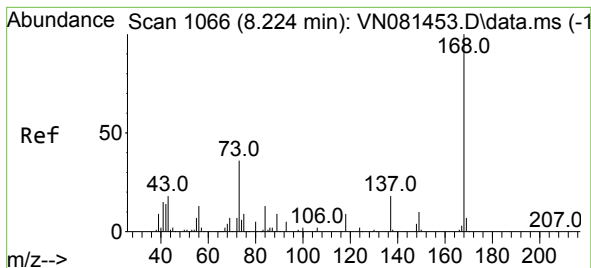
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
Data File : VN081608.D
Acq On : 29 Mar 2024 12:08
Operator : JC\MD
Sample : VN0329MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Quant Time: Mar 30 00:26:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

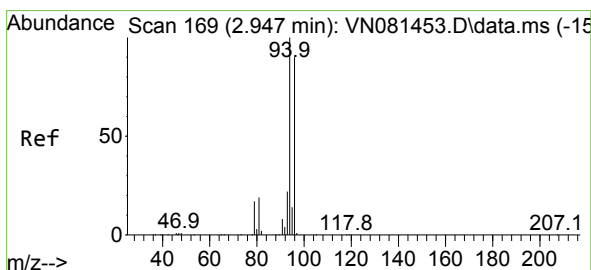
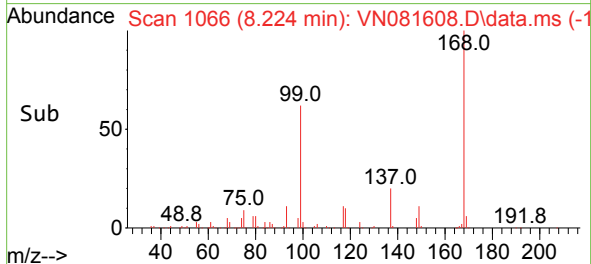
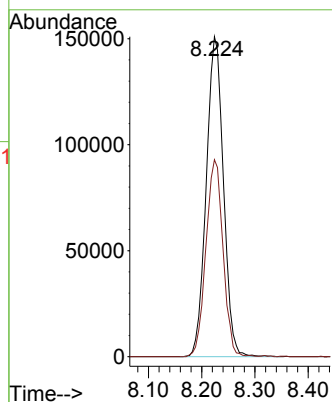
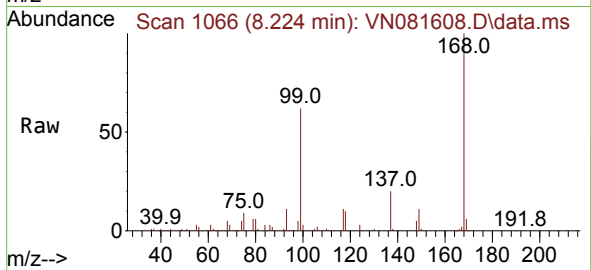




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

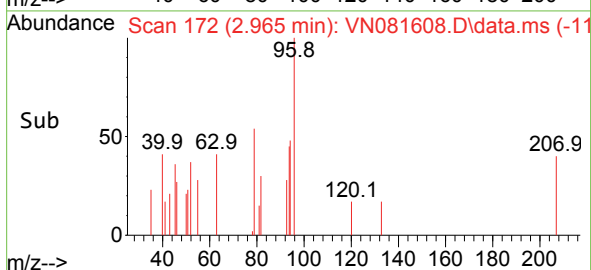
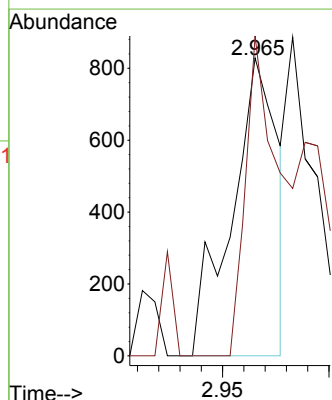
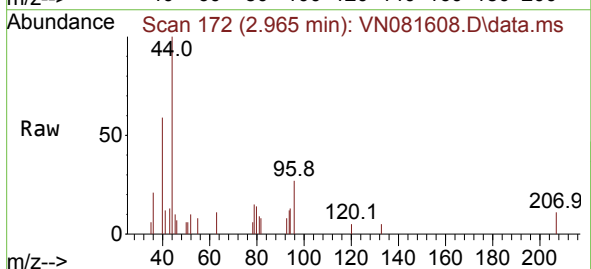
Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

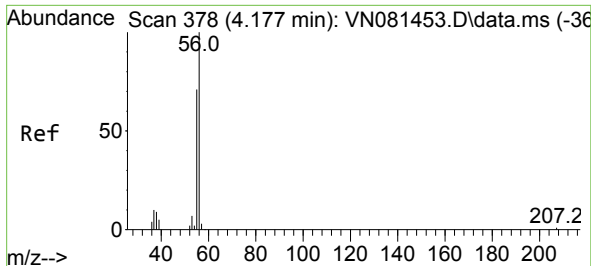
Tgt Ion:168 Resp: 337747
Ion Ratio Lower Upper
168 100
99 61.5 59.9 89.9



#5
Bromomethane
Concen: 0.346 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

Tgt Ion: 94 Resp: 1245
Ion Ratio Lower Upper
94 100
96 107.4 69.2 103.8#

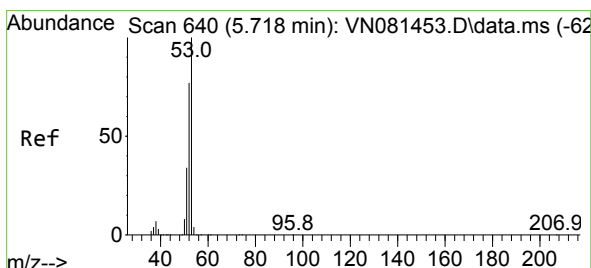
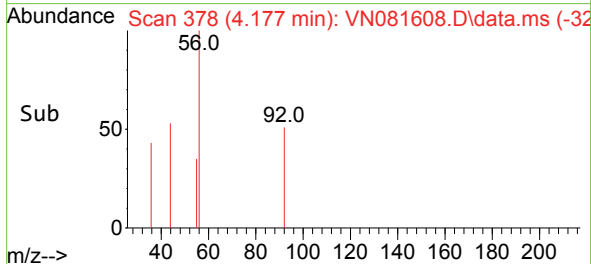
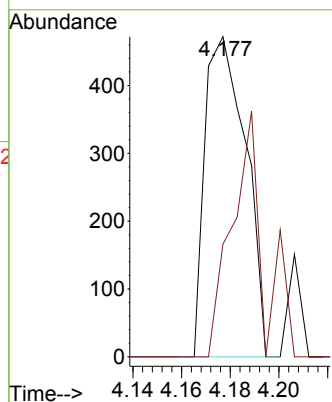
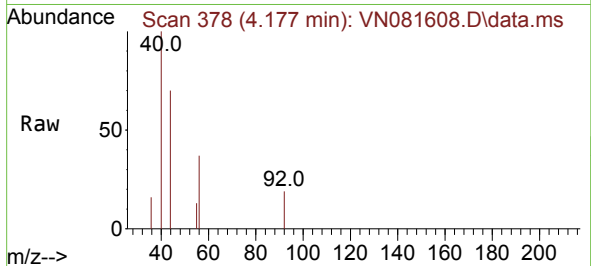




#13
Acrolein
Concen: 0.812 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

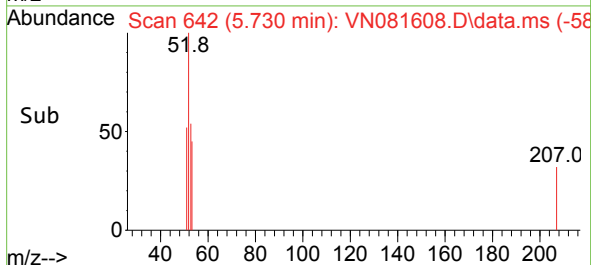
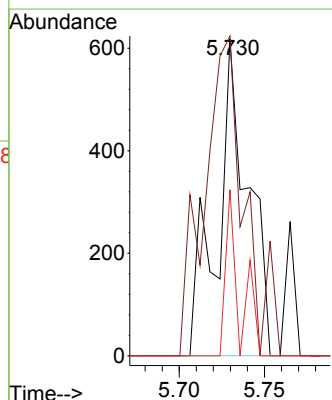
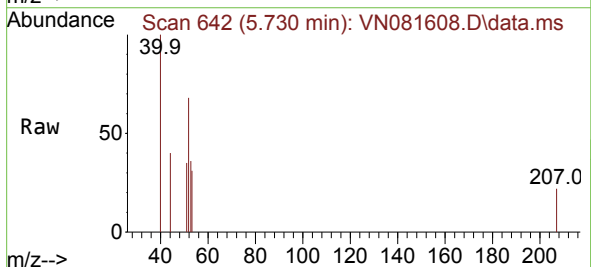
Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

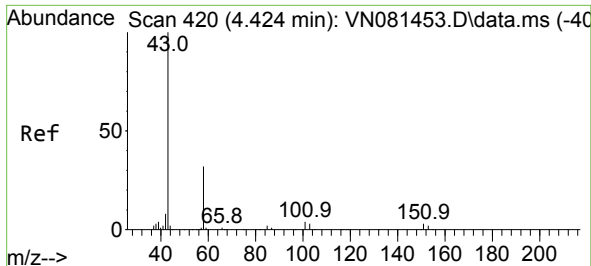
Tgt Ion: 56 Resp: 547
Ion Ratio Lower Upper
56 100
55 59.4 55.3 82.9



#15
Acrylonitrile
Concen: 0.386 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

Tgt Ion: 53 Resp: 776
Ion Ratio Lower Upper
53 100
52 131.7 64.8 97.2#
51 23.2 26.9 40.3#

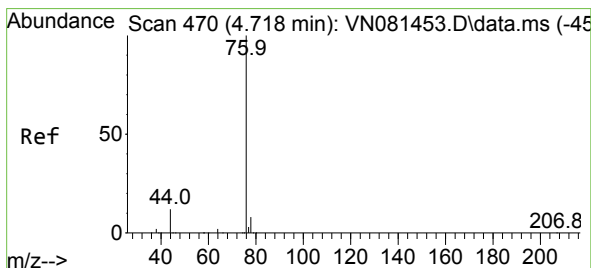
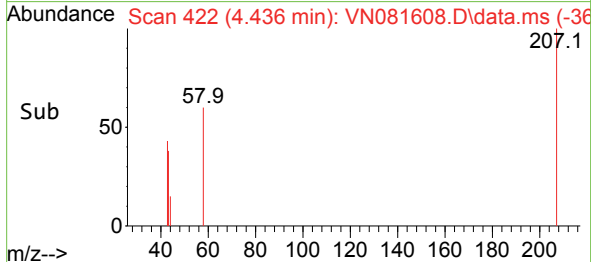
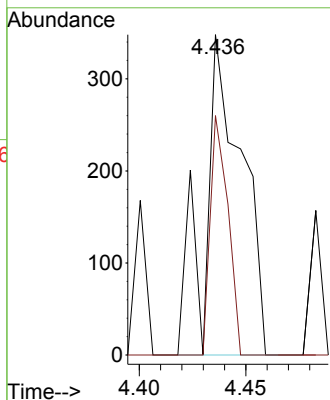
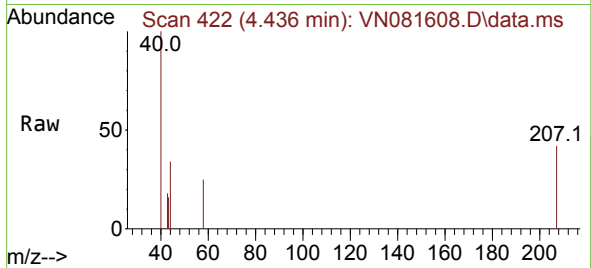




#16
Acetone
Concen: 0.304 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

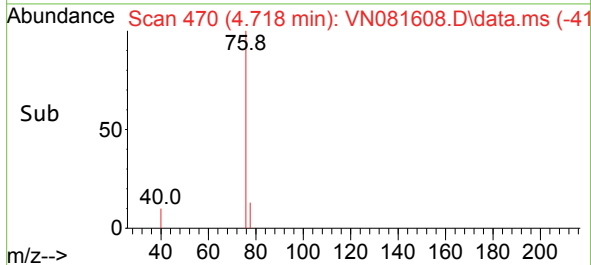
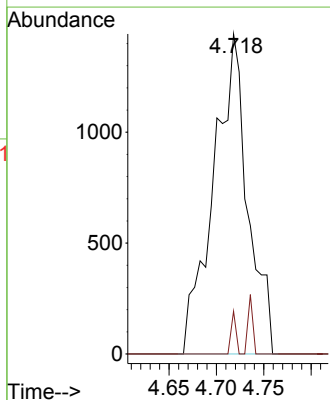
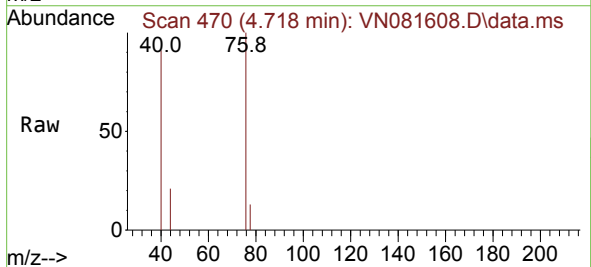
Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

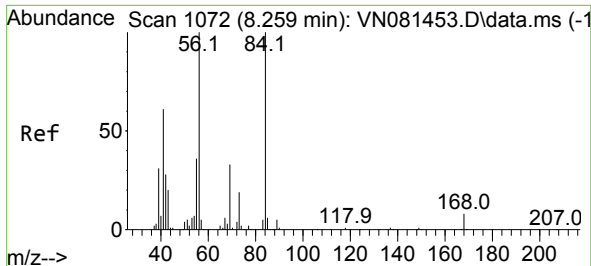
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 74.7 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

Tgt Ion: 76 Resp: 3633
Ion Ratio Lower Upper
76 100
78 13.4 6.3 9.5#

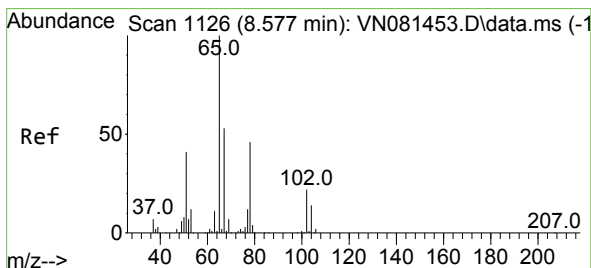
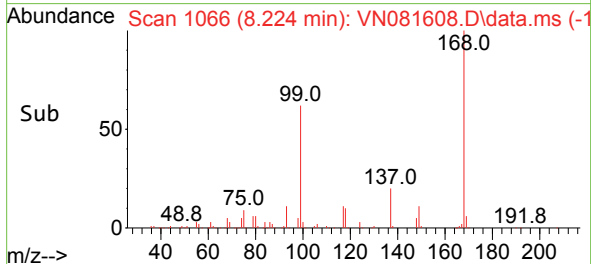
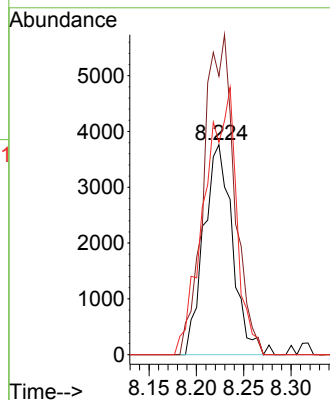
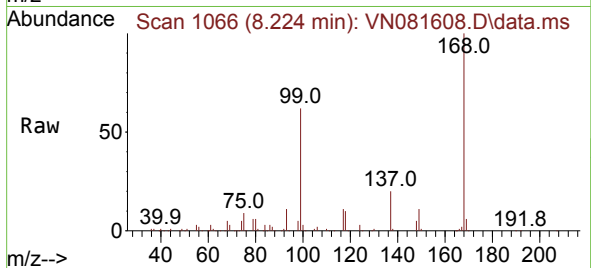




#31
Cyclohexane
Concen: 1.136 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

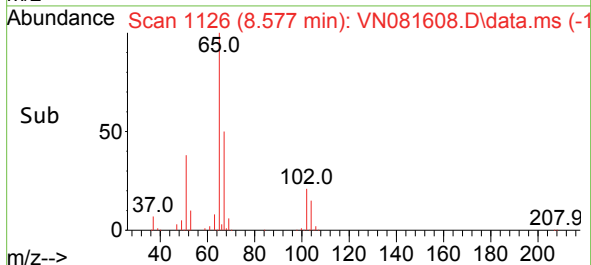
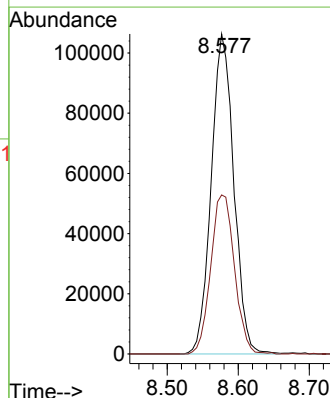
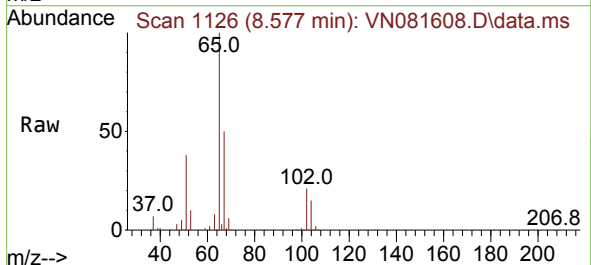
Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

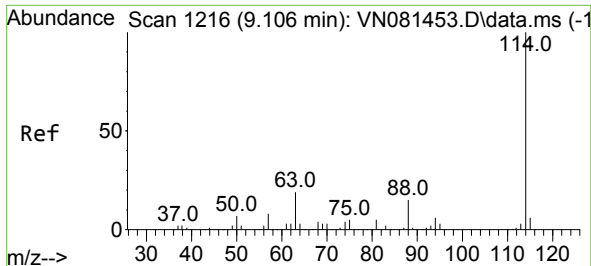
Tgt Ion: 56 Resp: 7959
Ion Ratio Lower Upper
56 100
69 132.7 20.1 30.1#
84 106.4 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.464 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

Tgt Ion: 65 Resp: 234586
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081608.D

Acq: 29 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0329MBL01

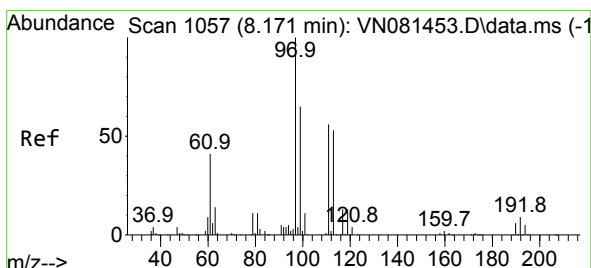
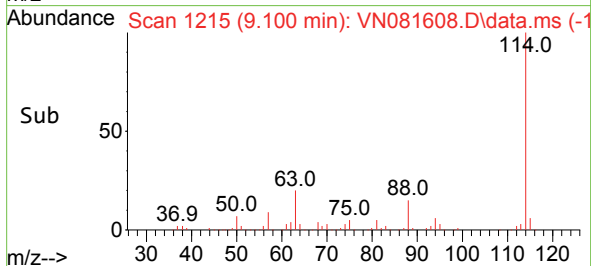
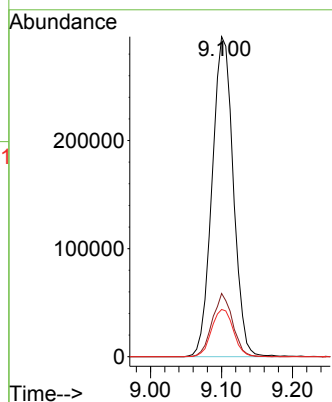
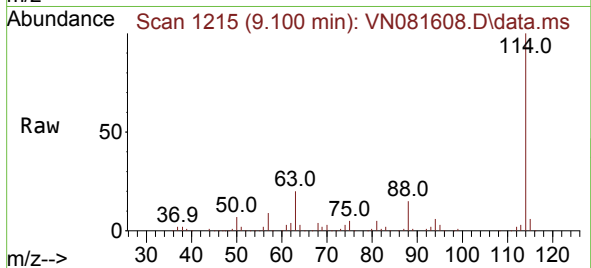
Tgt Ion:114 Resp: 612477

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 14.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.417 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081608.D

Acq: 29 Mar 2024 12:08

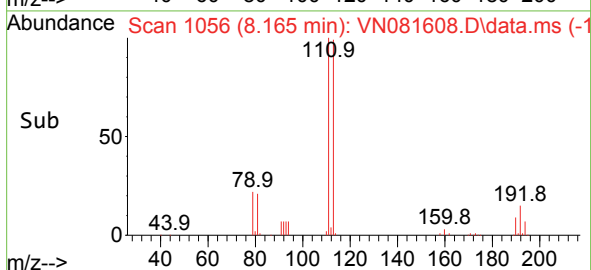
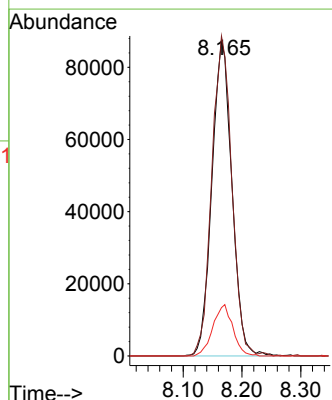
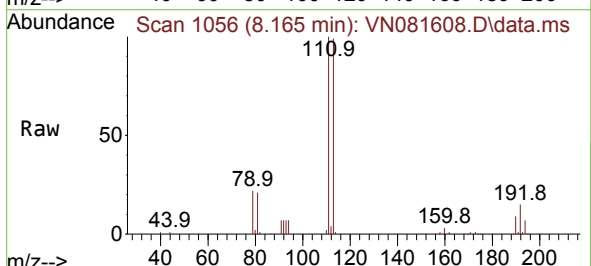
Tgt Ion:113 Resp: 206476

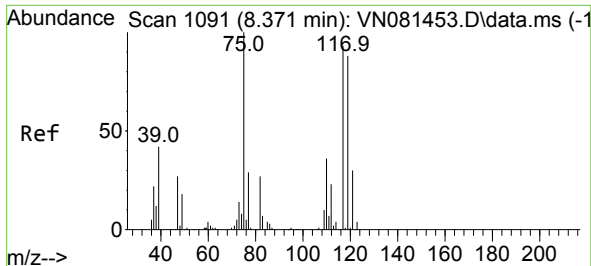
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 16.3 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.461 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081608.D

Acq: 29 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0329MBL01

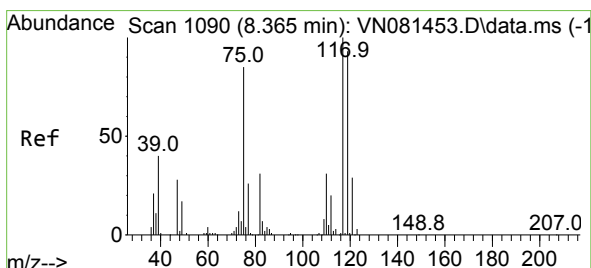
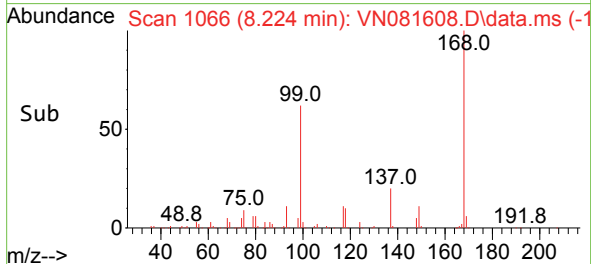
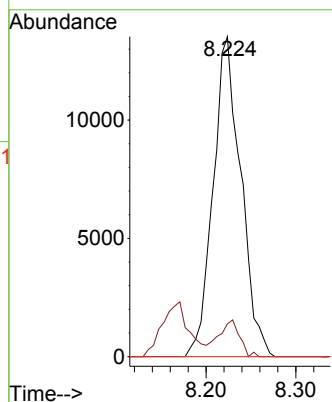
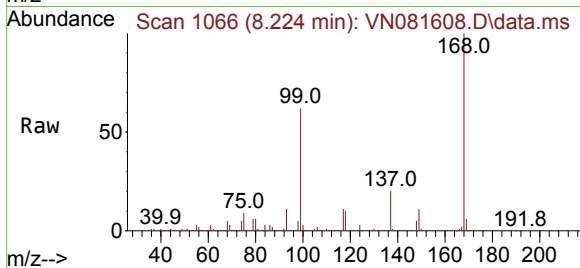
Tgt Ion: 75 Resp: 29017

Ion Ratio Lower Upper

75 100

110 8.7 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.324 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN081608.D

Acq: 29 Mar 2024 12:08

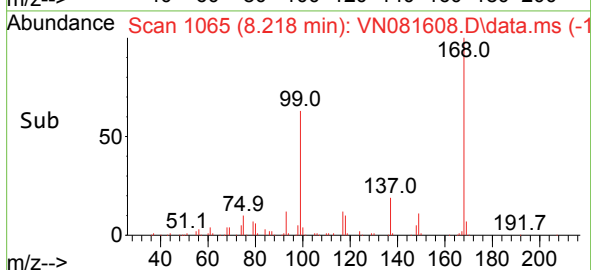
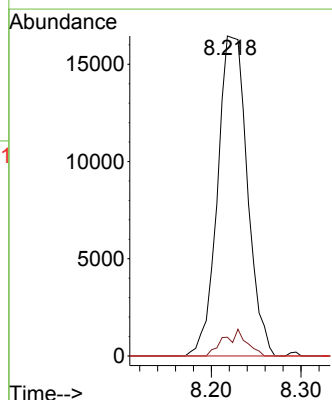
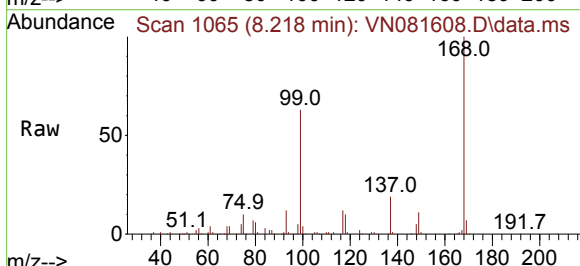
Tgt Ion: 117 Resp: 37936

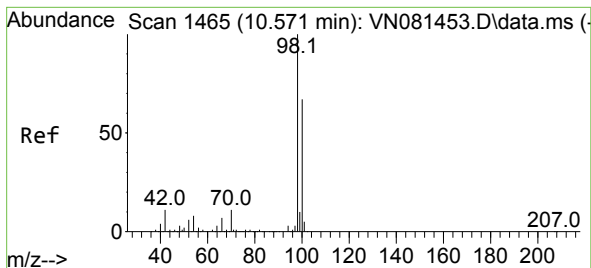
Ion Ratio Lower Upper

117 100

119 5.9 73.4 110.2#

121 0.0 24.4 36.6#

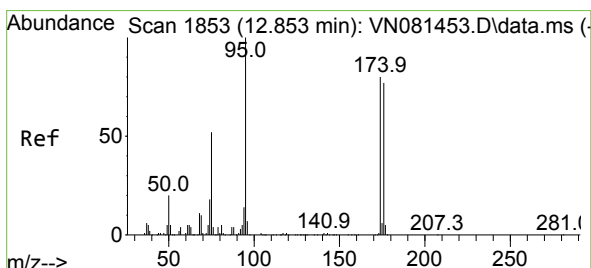
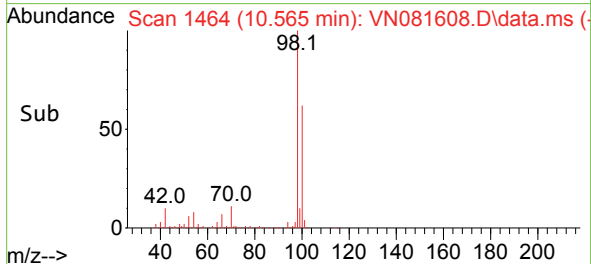
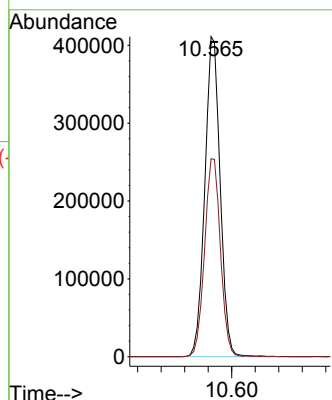
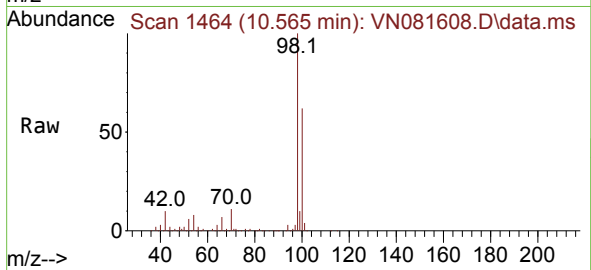




#50
Toluene-d8
Concen: 53.219 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

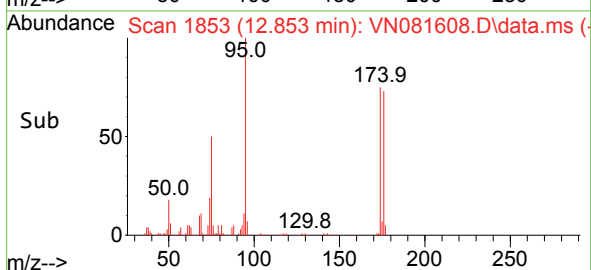
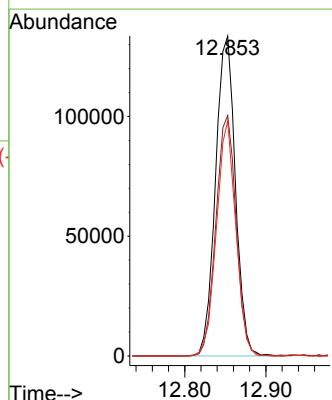
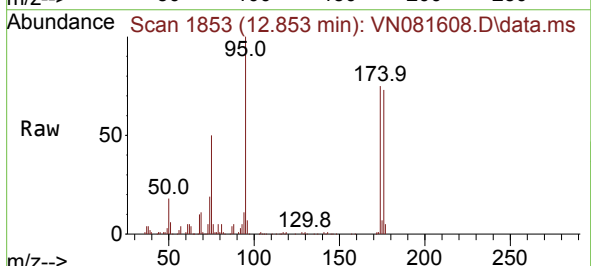
Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

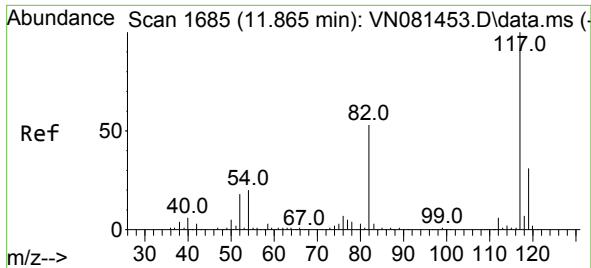
Tgt Ion: 98 Resp: 743617
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.154 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

Tgt Ion: 95 Resp: 227237
Ion Ratio Lower Upper
95 100
174 76.3 0.0 120.4
176 71.5 0.0 121.0

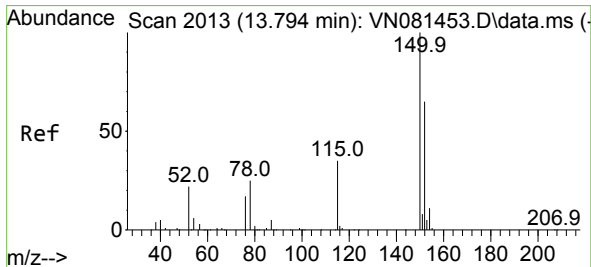
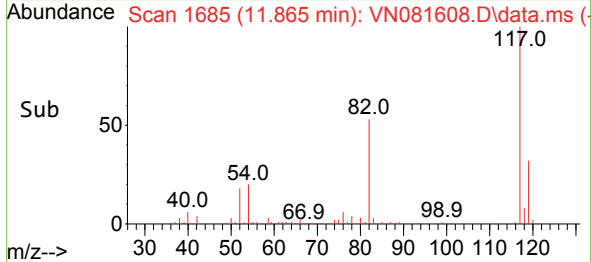
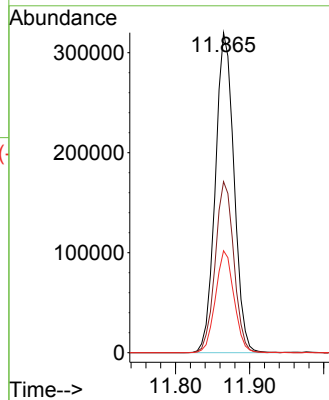
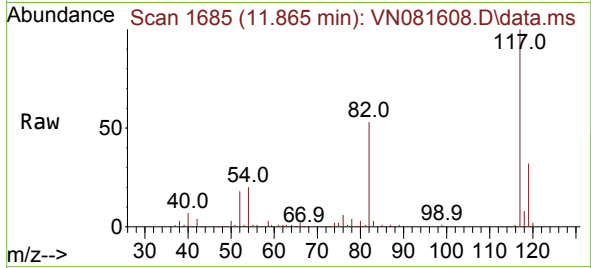




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

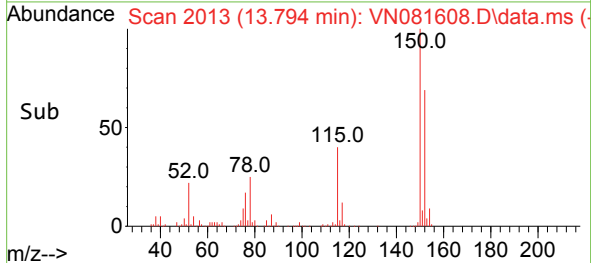
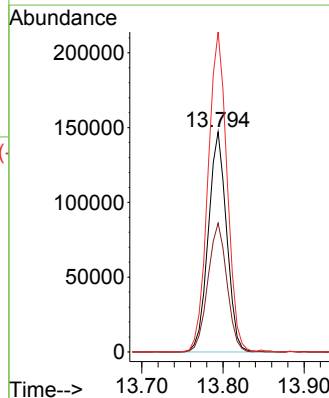
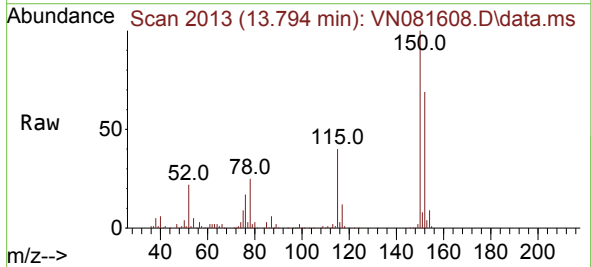
Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

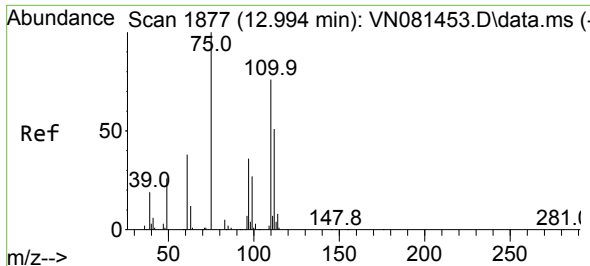
Tgt Ion:117 Resp: 559488
Ion Ratio Lower Upper
117 100
82 53.5 52.7 79.1
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

Tgt Ion:152 Resp: 230790
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 150.7 0.0 339.8

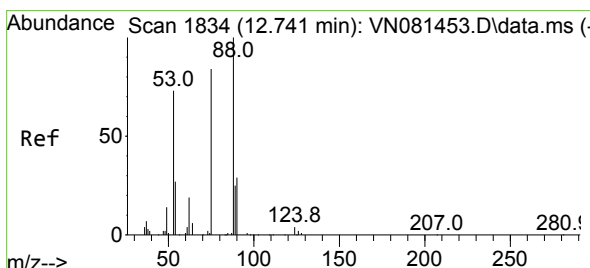
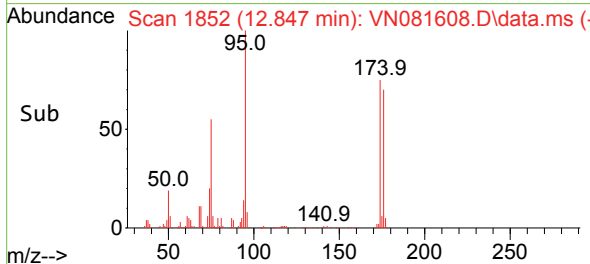
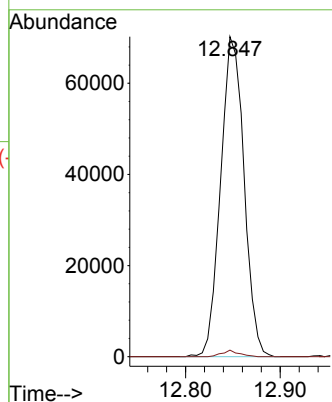
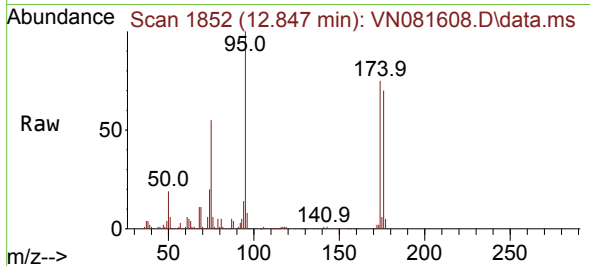




#76
1,2,3-Trichloropropane
Concen: 21.863 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

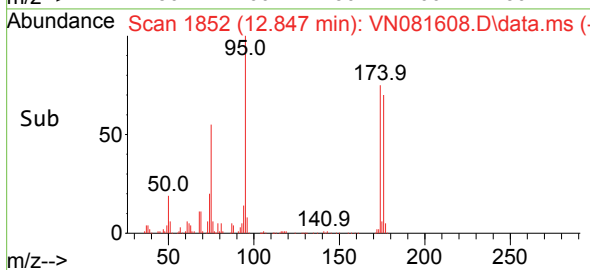
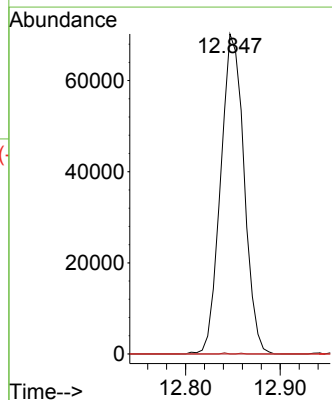
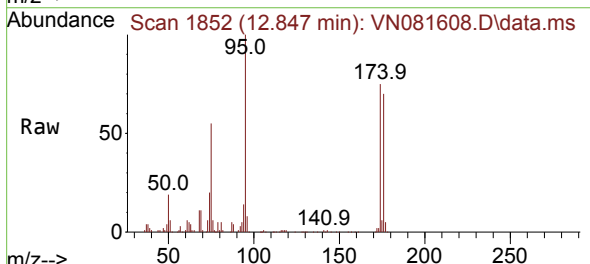
Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

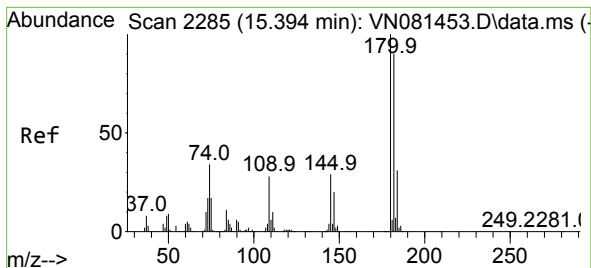
Tgt Ion: 75 Resp: 120698
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081608.D
Acq: 29 Mar 2024 12:08

Tgt Ion: 75 Resp: 120698
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.345 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081608.D

Acq: 29 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0329MBL01

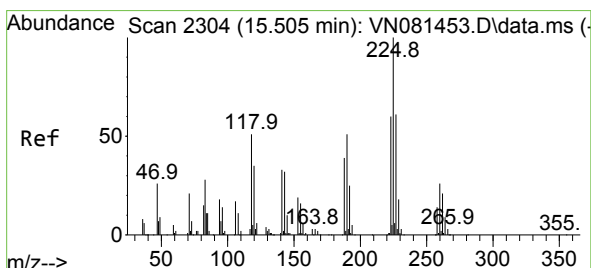
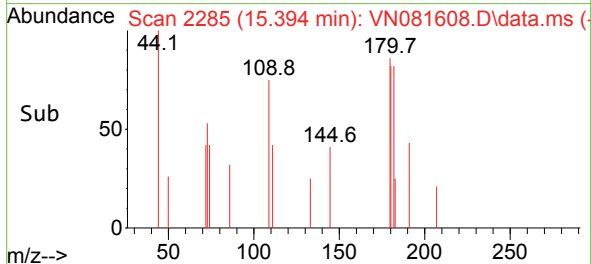
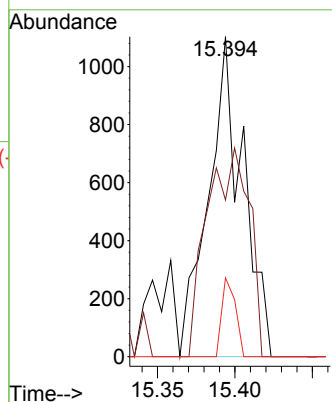
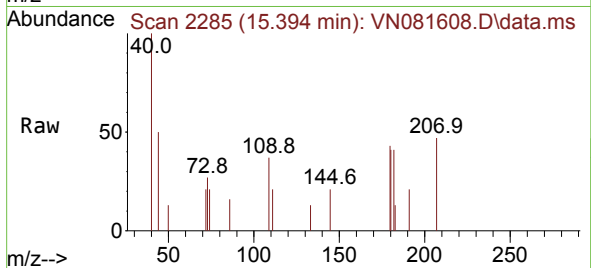
Tgt Ion:180 Resp: 1712

Ion Ratio Lower Upper

180 100

182 79.6 46.6 139.7

145 9.7 16.8 50.3#



#94

Hexachlorobutadiene

Concen: 0.535 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081608.D

Acq: 29 Mar 2024 12:08

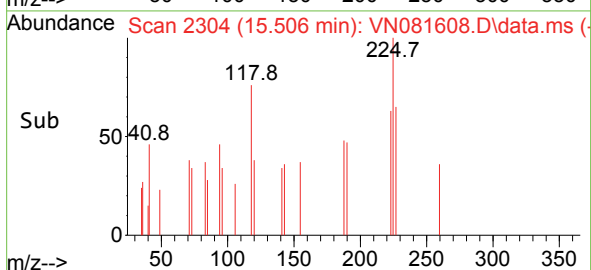
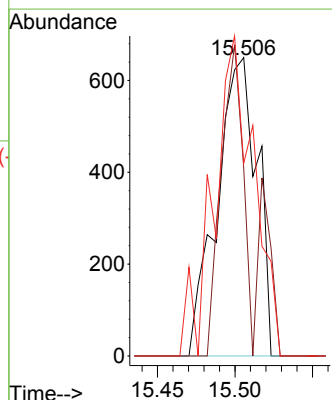
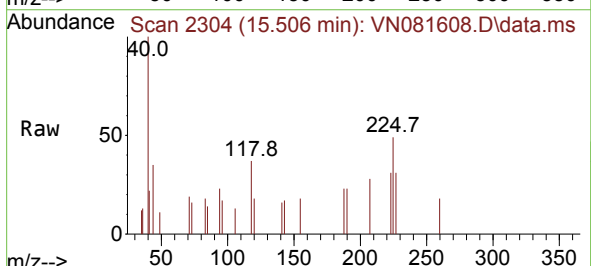
Tgt Ion:225 Resp: 1167

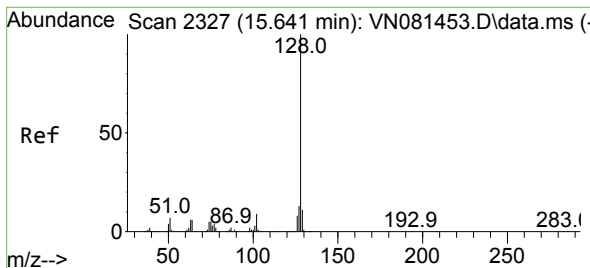
Ion Ratio Lower Upper

225 100

223 57.2 33.3 99.8

227 106.1 33.1 99.2#





#95

Naphthalene

Concen: 0.336 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN081608.D

Acq: 29 Mar 2024 12:08

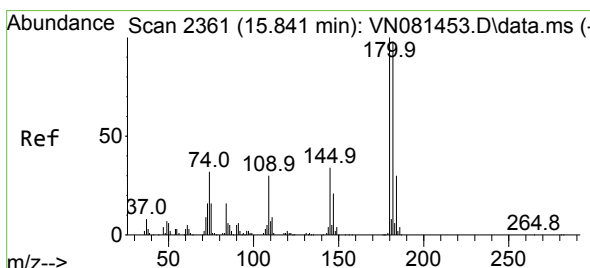
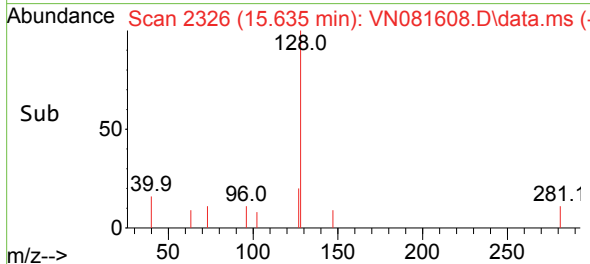
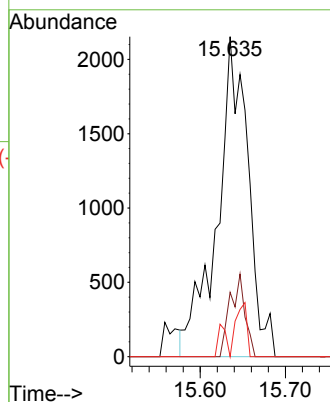
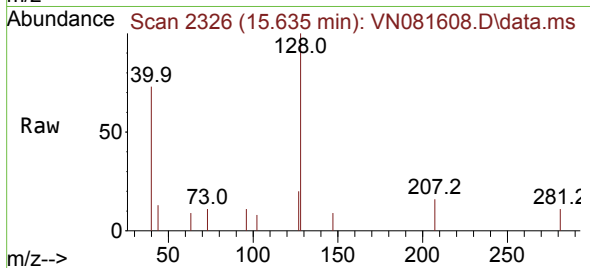
Instrument :

MSVOA_N

ClientSampleId :

VN0329MBL01

Tgt Ion:128	Resp:	5406
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.0 15.0
129	6.0	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.242 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN081608.D

Acq: 29 Mar 2024 12:08

Tgt Ion:180	Resp:	1209
Ion Ratio	Lower	Upper
180	100	
182	140.9	46.5 139.3#
145	34.9	17.8 53.4

