

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076317.D
 Acq On : 19 Jan 2023 12:55
 Operator : JC\MD
 Sample : 01214-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TJRC-011823-GW-DUP

Quant Time: Jan 20 00:54:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

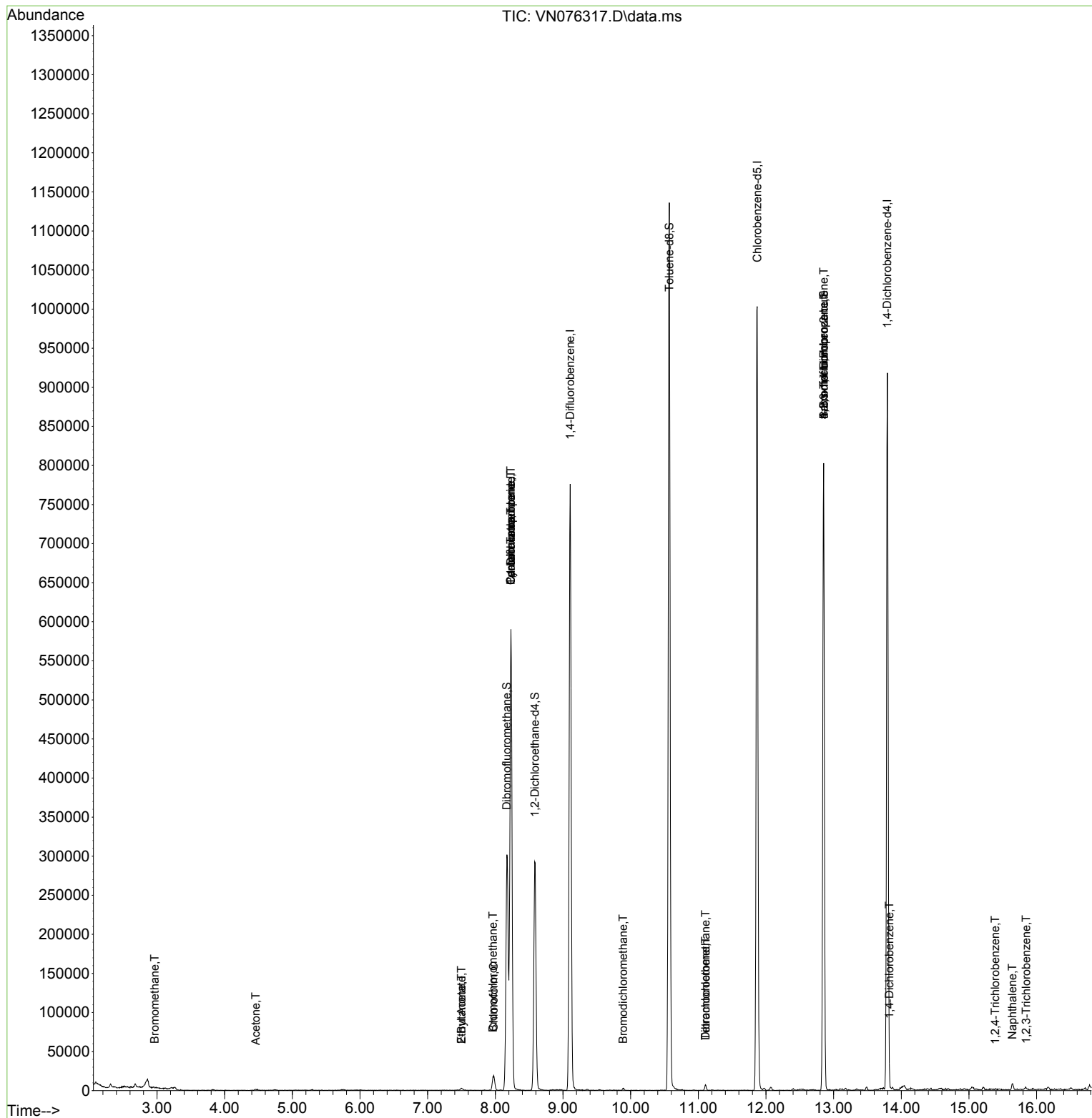
Internal Standards						
1) Pentafluorobenzene	8.229	168	452392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	711295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	616824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	239548	47.291	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.580%		
35) Dibromofluoromethane	8.171	113	216011	48.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	10.570	98	809599	49.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.853	95	259702	48.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.820%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	1175	0.244	ug/l #	57
16) Acetone	4.459	43	2552	1.499	ug/l #	85
20) Methylene Chloride	5.288	84	526	Below Cal	#	64
25) 2-Butanone	7.500	43	4397	1.773	ug/l #	77
28) Bromochloromethane	7.965	49	1433	0.445	ug/l #	5
30) Chloroform	7.976	83	18768	2.137	ug/l	89
31) Cyclohexane	8.229	56	9042	1.162	ug/l #	20
36) 1,1-Dichloropropene	8.229	75	32106	5.078	ug/l #	49
37) Ethyl Acetate	7.500	43	4397	0.903	ug/l #	69
38) Carbon Tetrachloride	8.229	117	44609	6.327	ug/l #	16
47) Bromodichloromethane	9.888	83	1720	0.259	ug/l #	95
60) Dibromochloromethane	11.106	129	1691	0.332	ug/l #	11
64) Tetrachloroethene	11.106	164	1723	0.310	ug/l	92
71) Bromoform	12.853	173	2080	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	135481	28.350	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	135481	87.176	ug/l #	11
88) 1,4-Dichlorobenzene	13.823	146	1023	0.215	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.388	180	808	1.479	ug/l #	58
95) Naphthalene	15.641	128	8292	2.433	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	504	1.268	ug/l #	61

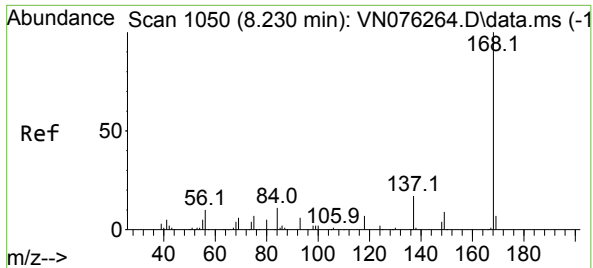
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076317.D
Acq On : 19 Jan 2023 12:55
Operator : JC\MD
Sample : 01214-19
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

Quant Time: Jan 20 00:54:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

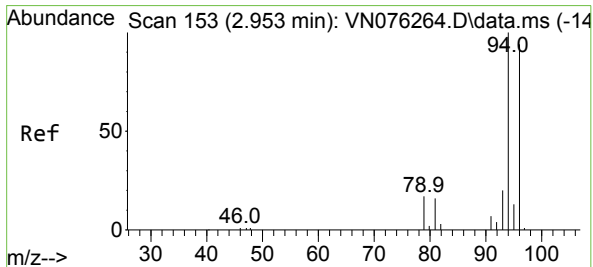
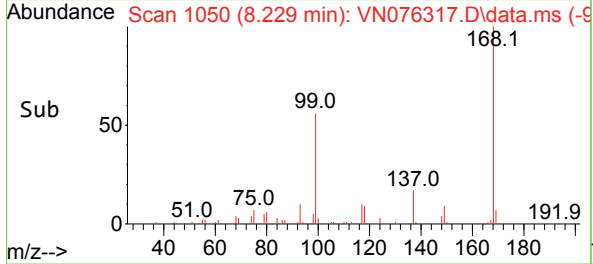
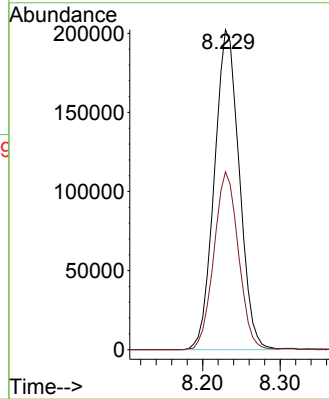
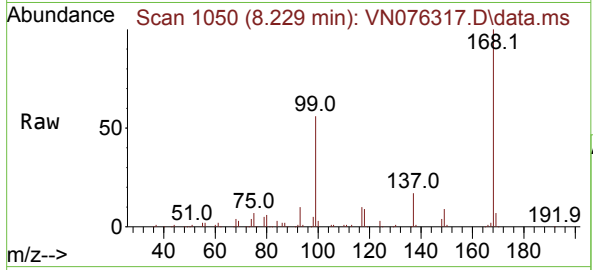




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

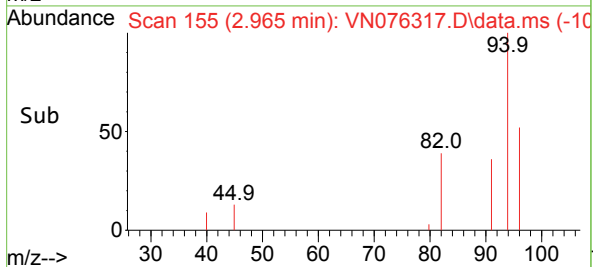
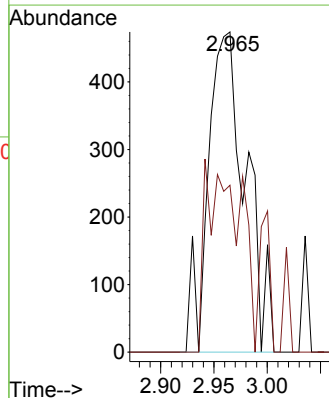
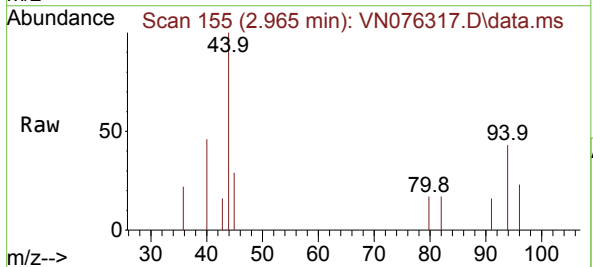
Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

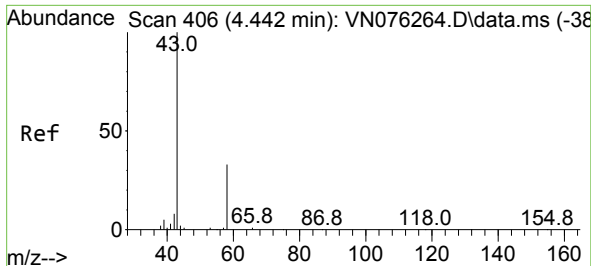
Tgt Ion:168 Resp: 452392
Ion Ratio Lower Upper
168 100
99 55.6 41.6 62.4



#5
Bromomethane
Concen: 0.244 ug/l
RT: 2.965 min Scan# 155
Delta R.T. 0.012 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Tgt Ion: 94 Resp: 1175
Ion Ratio Lower Upper
94 100
96 52.1 75.1 112.7#





#16

Acetone

Concen: 1.499 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.017 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

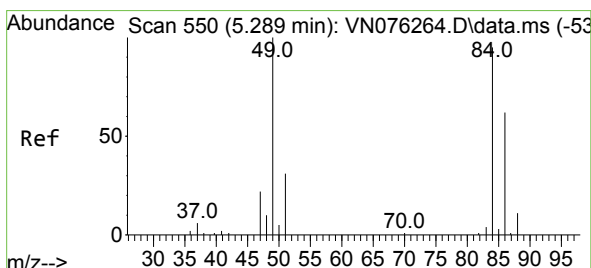
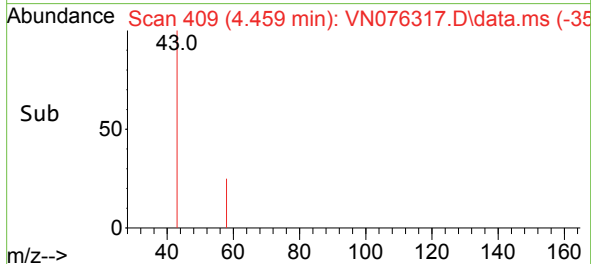
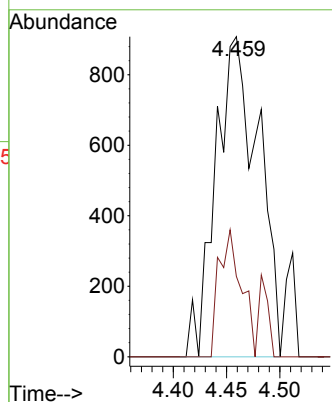
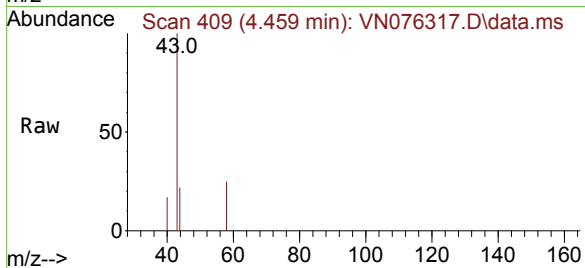
TJRC-011823-GW-DUP

Tgt Ion: 43 Resp: 2552

Ion Ratio Lower Upper

43 100

58 25.1 26.7 40.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.288 min Scan# 550

Delta R.T. -0.001 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

Tgt Ion: 84 Resp: 526

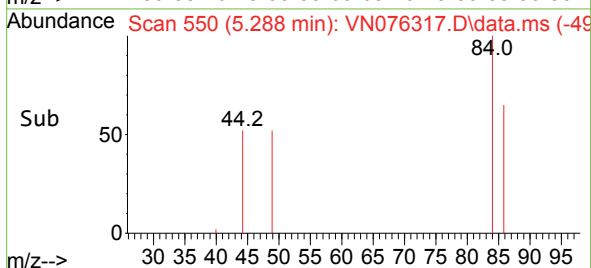
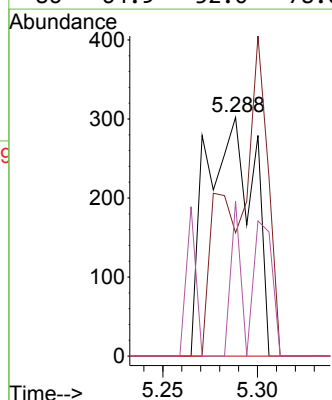
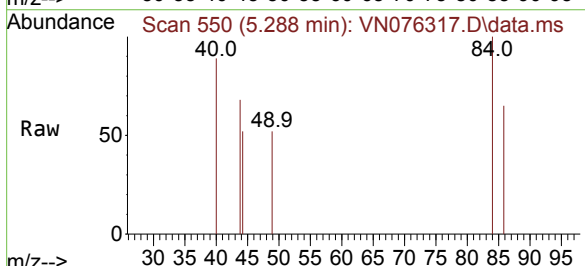
Ion Ratio Lower Upper

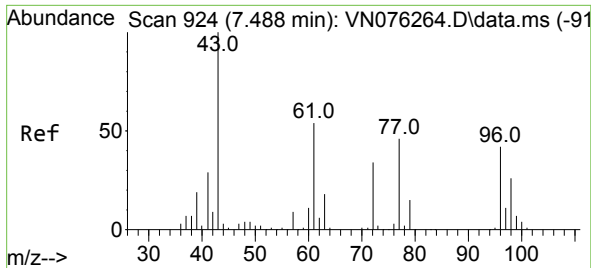
84 100

49 51.7 84.5 126.7#

51 0.0 26.0 39.0#

86 64.9 52.0 78.0

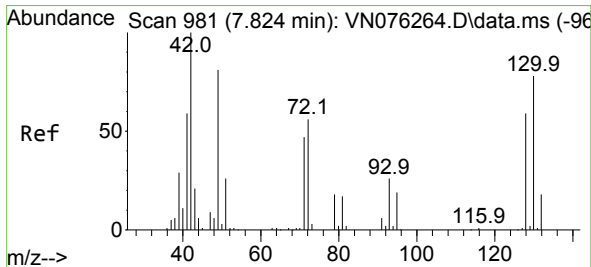
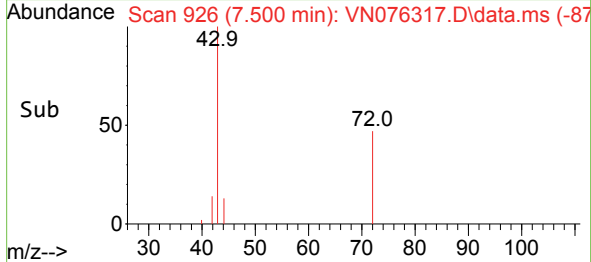
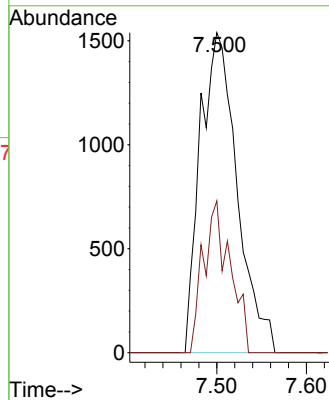
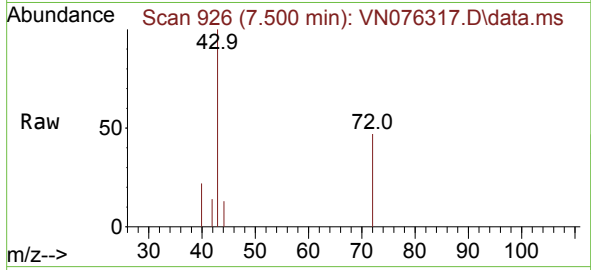




#25
2-Butanone
Concen: 1.773 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

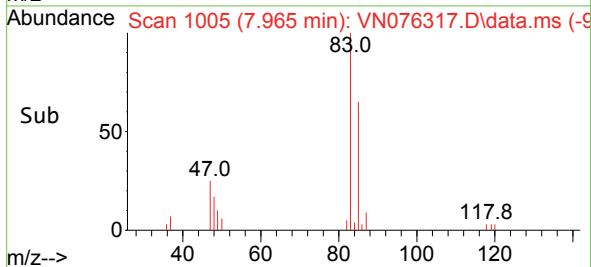
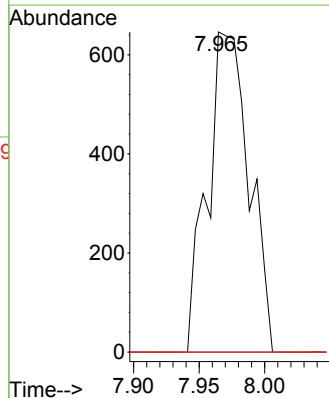
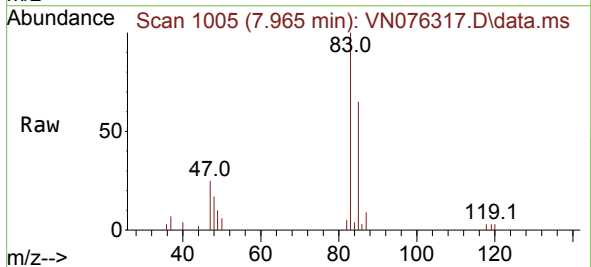
Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

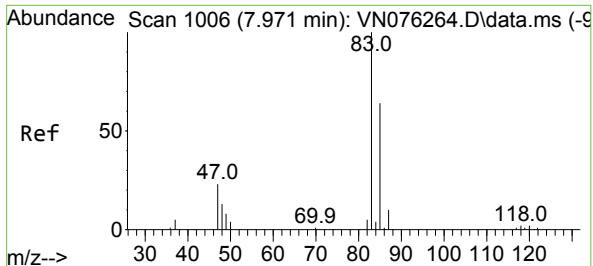
Tgt Ion: 43 Resp: 4397
Ion Ratio Lower Upper
43 100
72 47.4 27.4 41.2#



#28
Bromochloromethane
Concen: 0.445 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. 0.141 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Tgt Ion: 49 Resp: 1433
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 76.0 114.0#

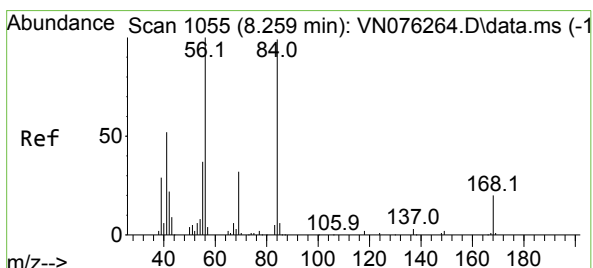
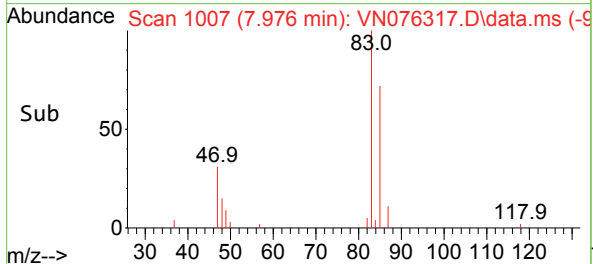
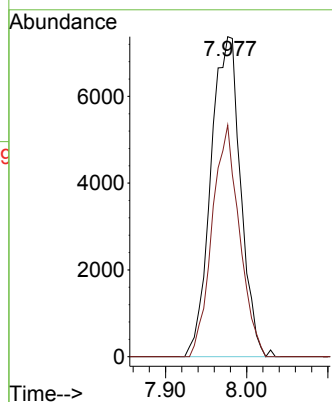
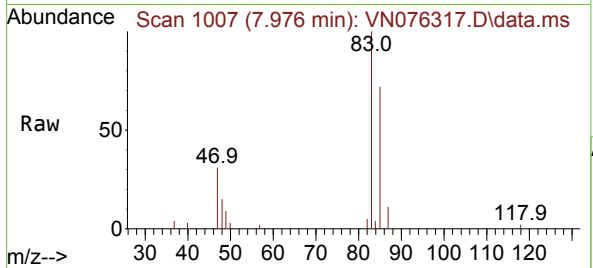




#30
Chloroform
Concen: 2.137 ug/l
RT: 7.976 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

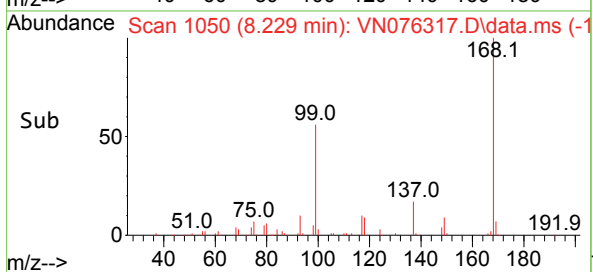
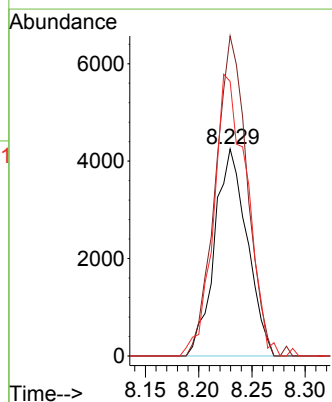
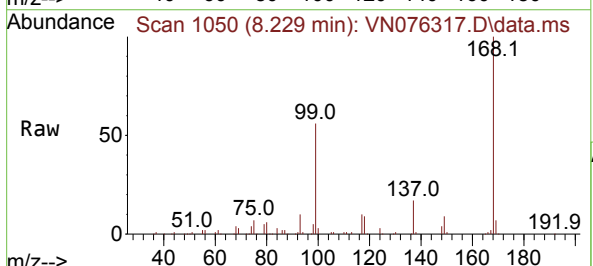
Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

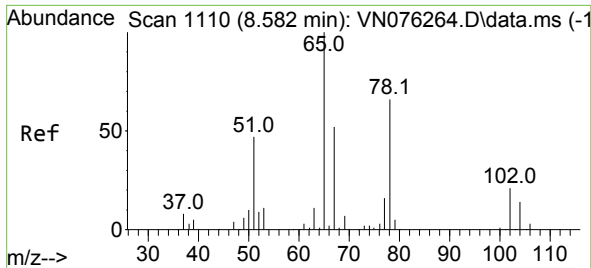
Tgt Ion: 83 Resp: 18768
Ion Ratio Lower Upper
83 100
85 72.4 51.0 76.6



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Tgt Ion: 56 Resp: 9042
Ion Ratio Lower Upper
56 100
69 154.6 25.8 38.8#
84 132.6 79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 47.291 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

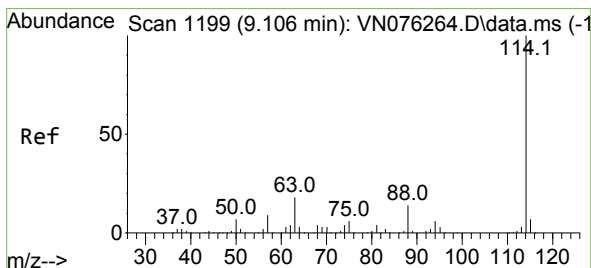
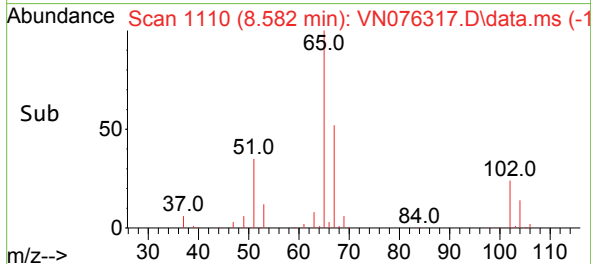
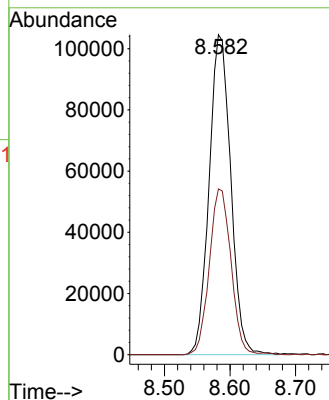
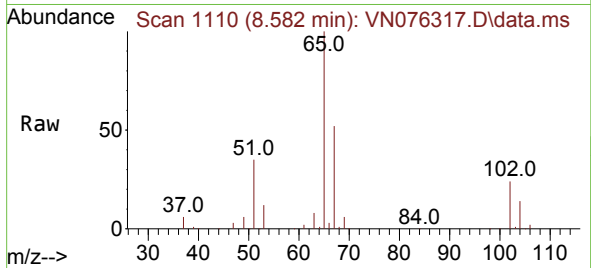
TJRC-011823-GW-DUP

Tgt Ion: 65 Resp: 239548

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

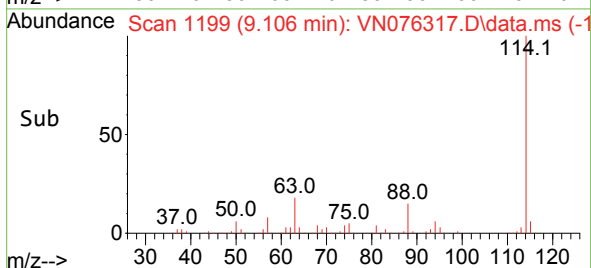
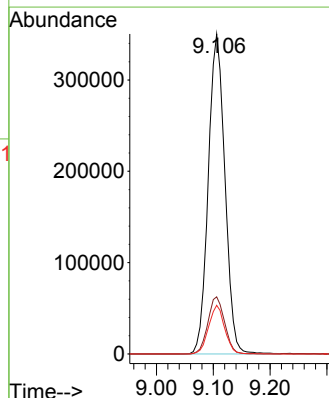
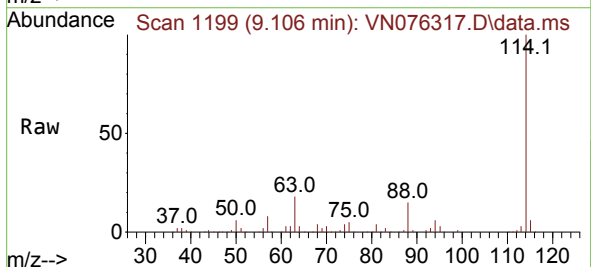
Tgt Ion: 114 Resp: 711295

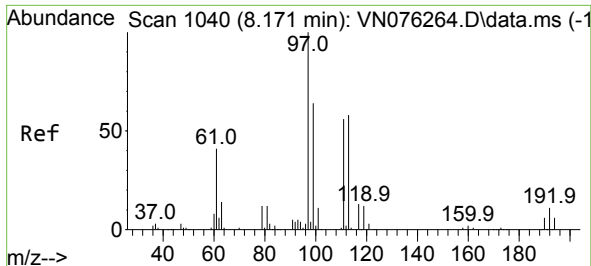
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 15.2 0.0 28.0

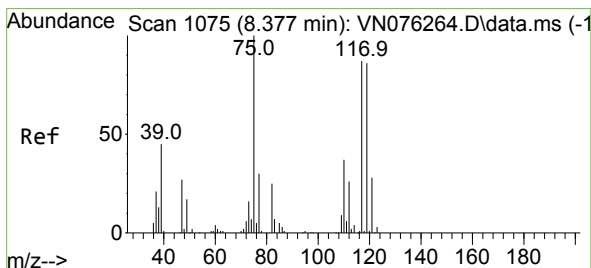
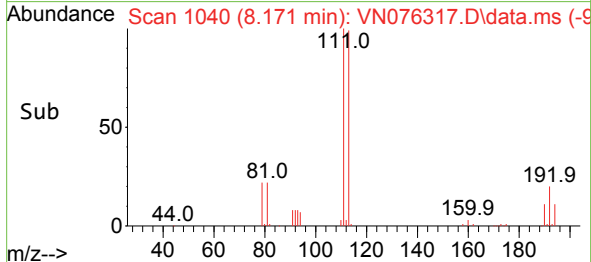
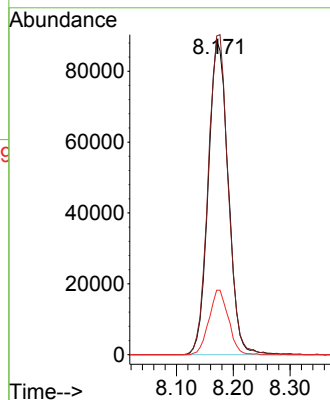
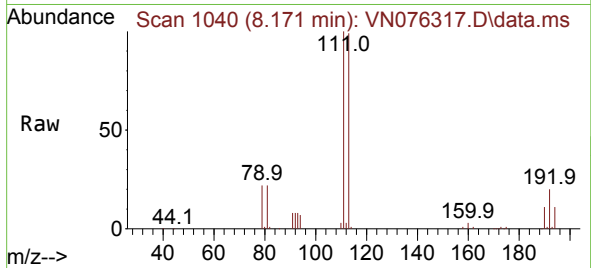




#35
Dibromofluoromethane
Concen: 48.548 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

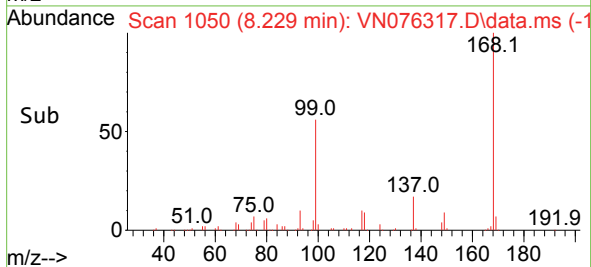
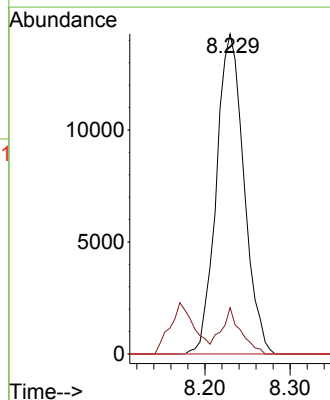
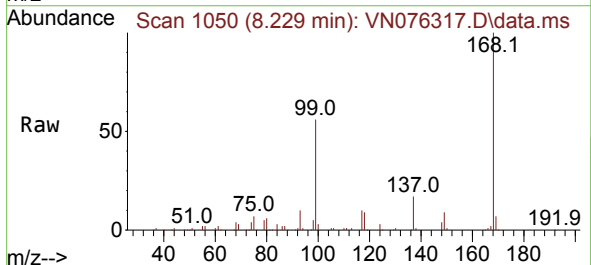
Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

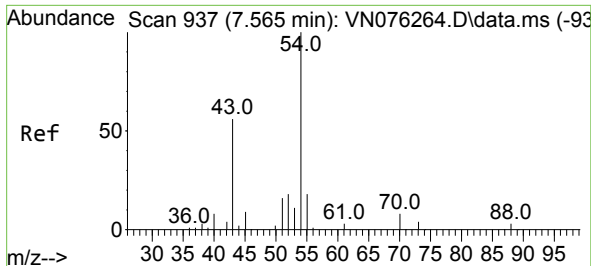
Tgt Ion:113 Resp: 216011
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 20.0 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.078 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.148 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Tgt Ion: 75 Resp: 32106
Ion Ratio Lower Upper
75 100
110 10.2 18.8 56.3#
77 0.0 25.0 37.4#

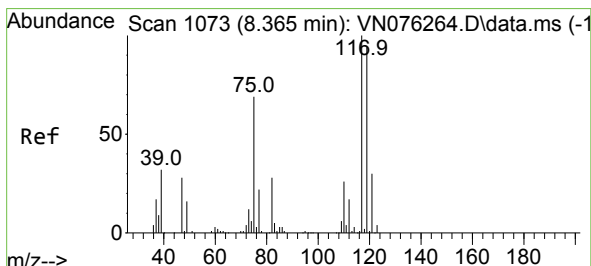
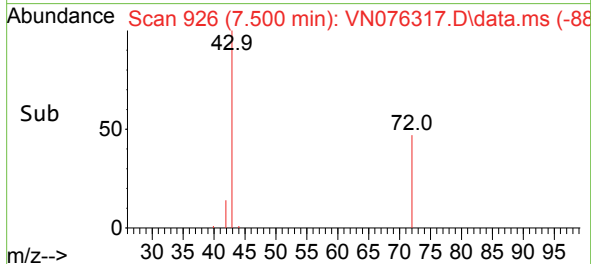
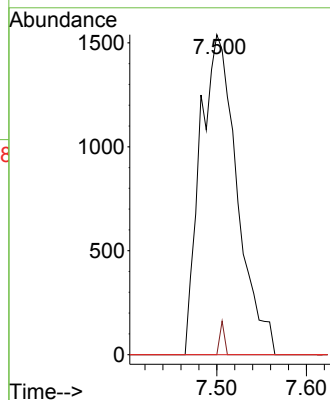
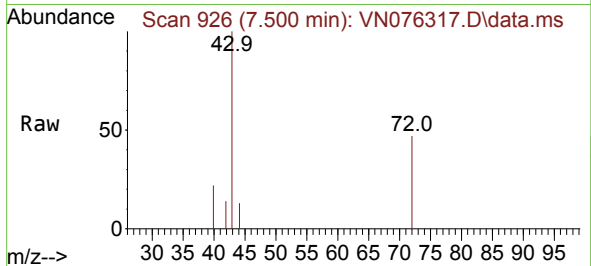




#37
Ethyl Acetate
Concen: 0.903 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

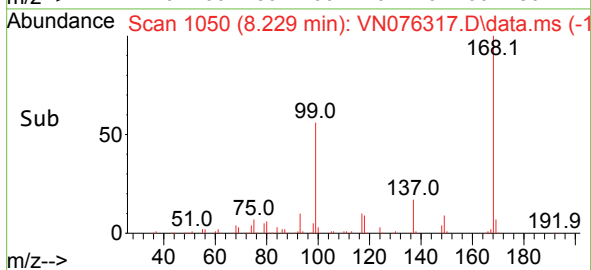
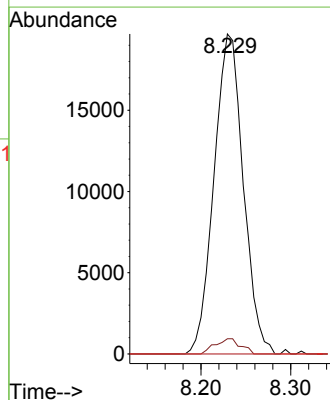
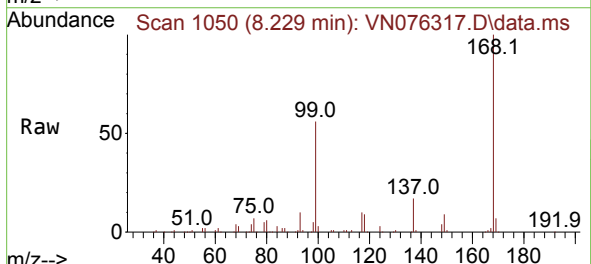
Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

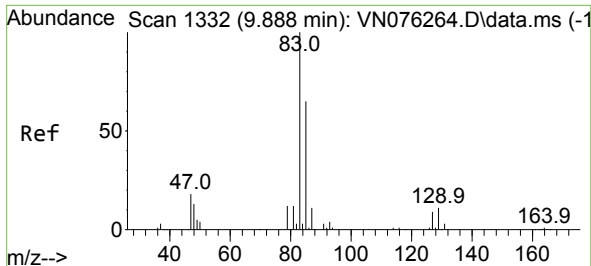
Tgt Ion: 43 Resp: 4397
Ion Ratio Lower Upper
43 100
61 1.3 11.1 16.7#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Tgt Ion: 117 Resp: 44609
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 24.2 36.2#





#47

Bromodichloromethane

Concen: 0.259 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

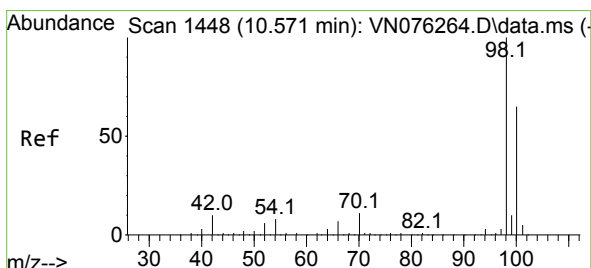
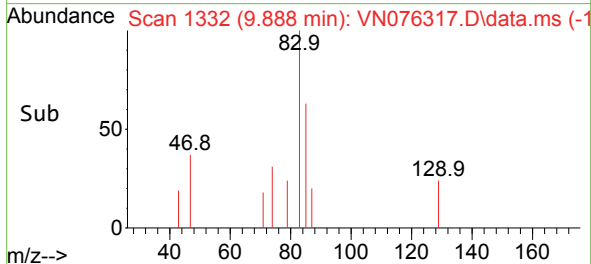
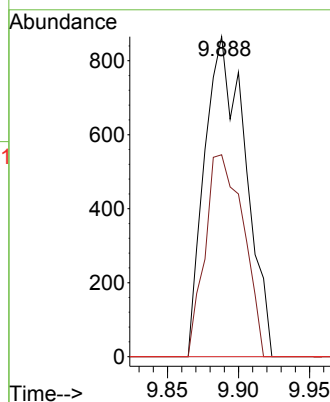
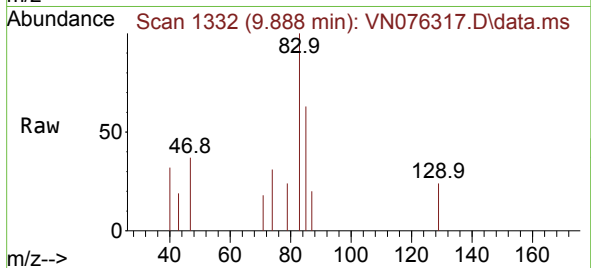
Instrument :

MSVOA_N

ClientSampleId :

TJRC-011823-GW-DUP

Tgt Ion: 83	Resp: 1720
Ion Ratio	Lower Upper
83	100
85	63.1 52.1 78.1
127	0.0 7.4 11.0#



#50

Toluene-d8

Concen: 49.269 ug/l

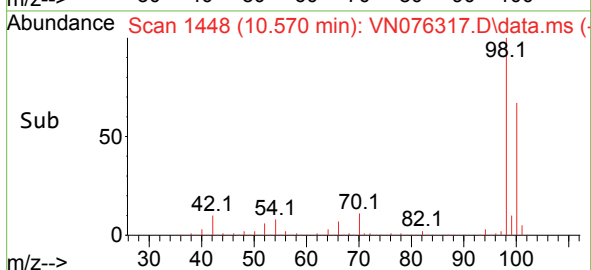
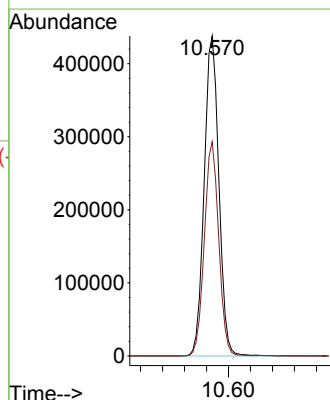
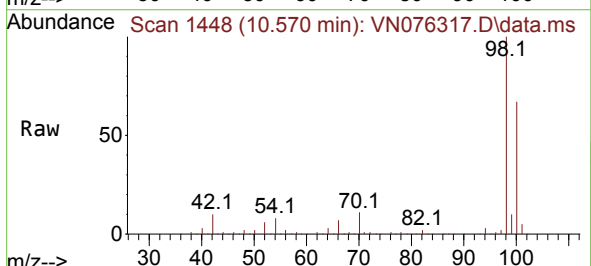
RT: 10.570 min Scan# 1448

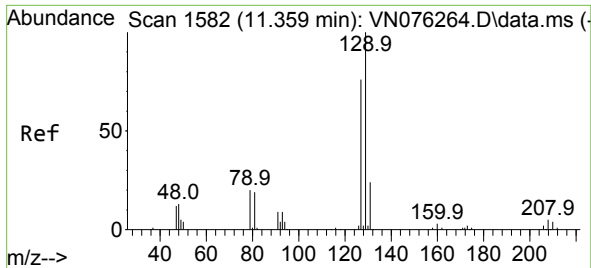
Delta R.T. -0.001 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

Tgt Ion: 98	Resp: 809599
Ion Ratio	Lower Upper
98	100
100	65.8 52.2 78.4

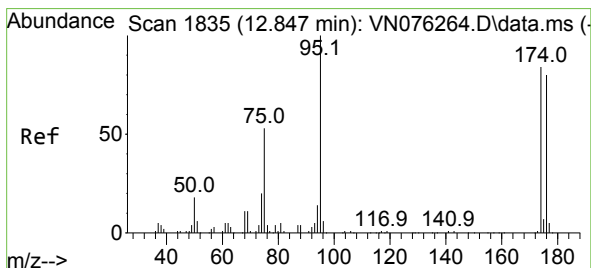
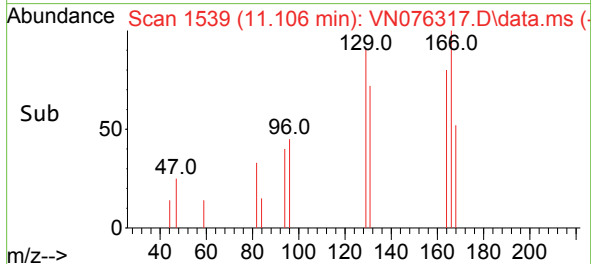
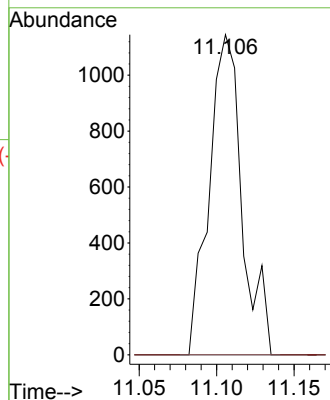
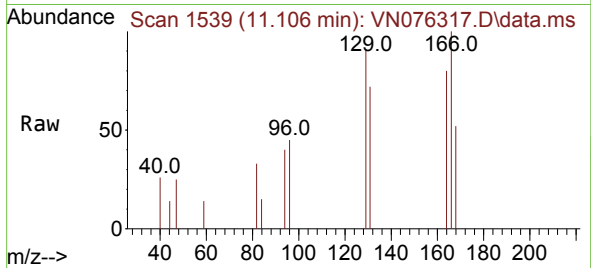




#60
Dibromochloromethane
Concen: 0.332 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

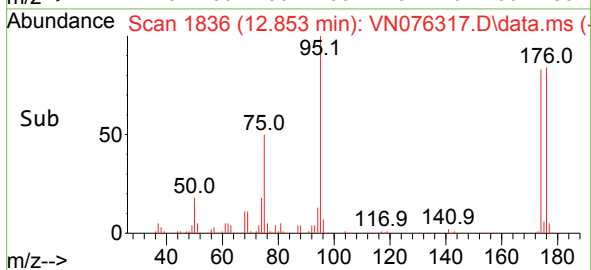
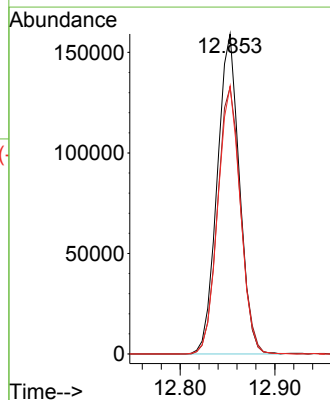
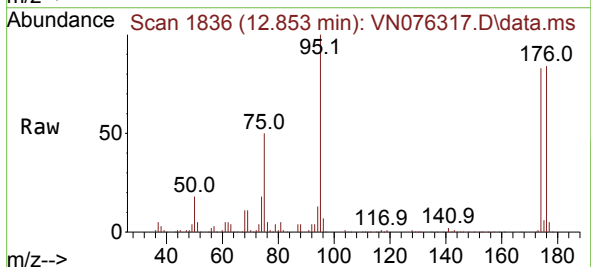
Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

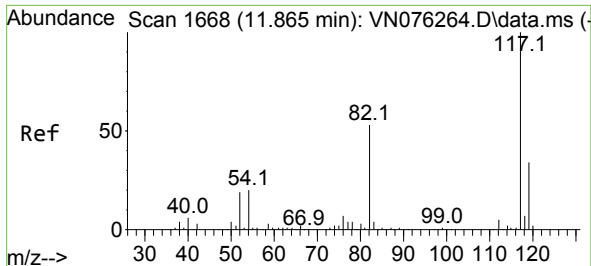
Tgt Ion:129 Resp: 1691
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 48.412 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Tgt Ion: 95 Resp: 259702
Ion Ratio Lower Upper
95 100
174 86.5 0.0 174.6
176 84.6 0.0 167.8

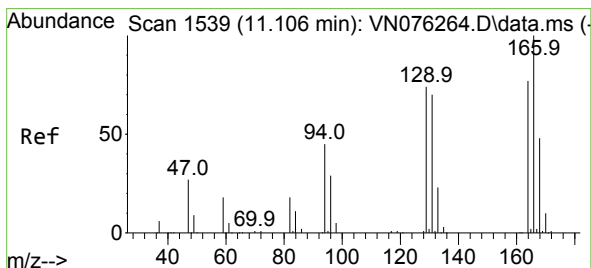
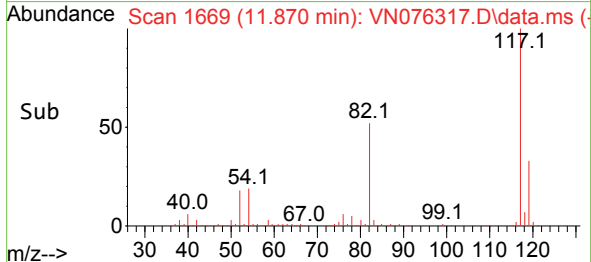
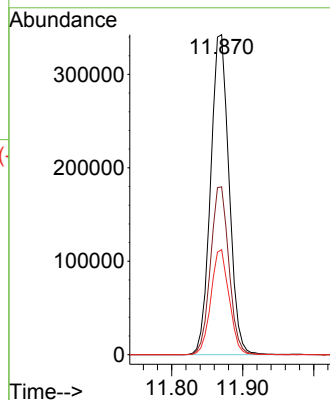
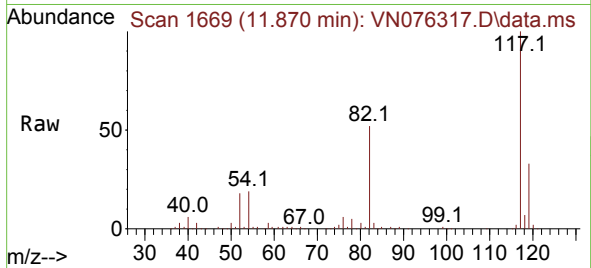




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

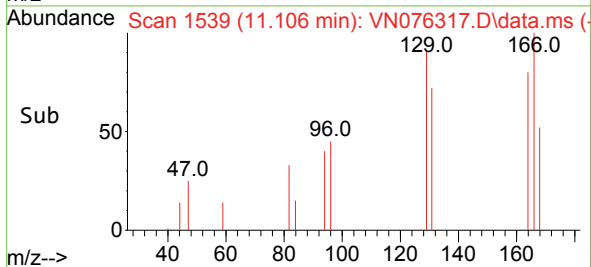
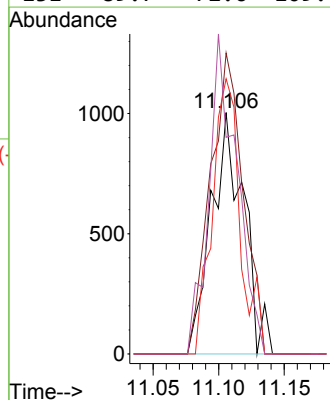
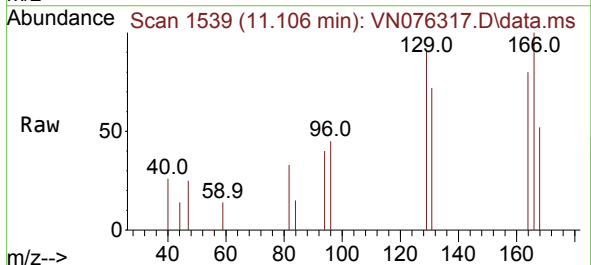
Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

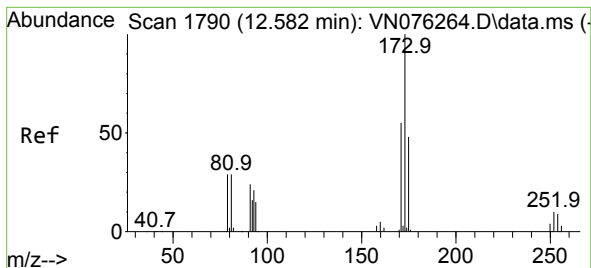
Tgt Ion:117 Resp: 616824
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.2
119 32.8 26.9 40.3



#64
Tetrachloroethene
Concen: 0.310 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Tgt Ion:164 Resp: 1723
Ion Ratio Lower Upper
164 100
166 124.7 104.0 156.0
129 114.0 76.6 114.8
131 89.7 72.6 109.0





#71

Bromoform

Concen: 0.594 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

TJRC-011823-GW-DUP

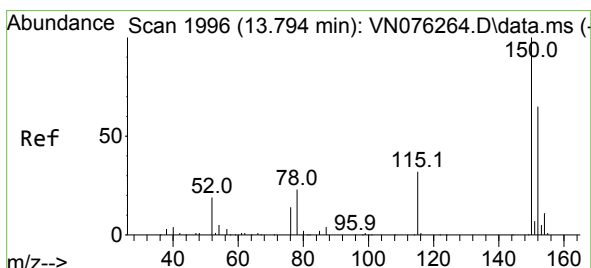
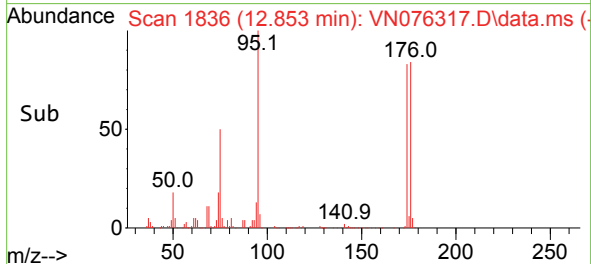
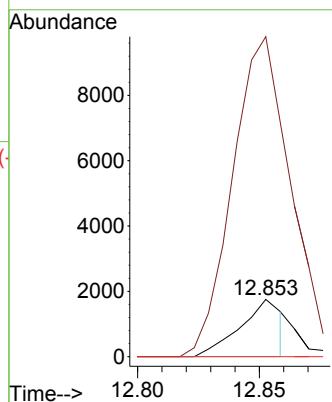
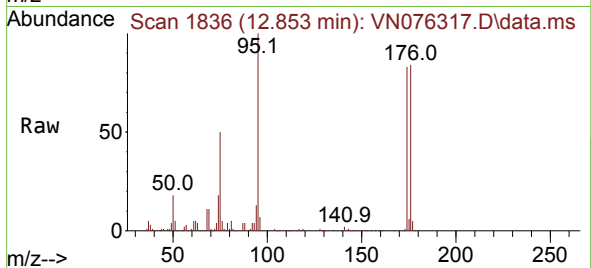
Tgt Ion:173 Resp: 2080

Ion Ratio Lower Upper

173 100

175 639.5 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

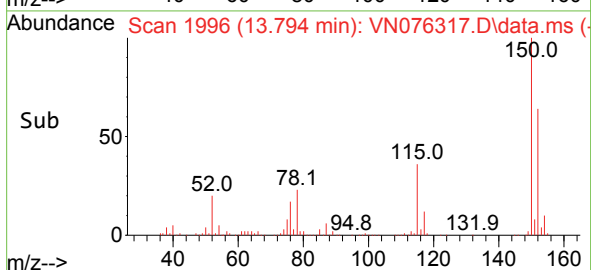
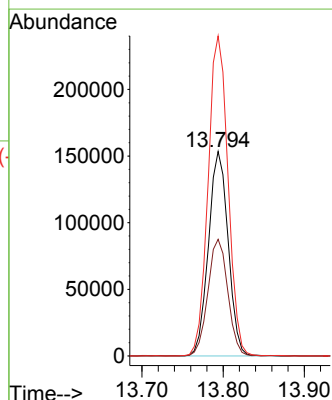
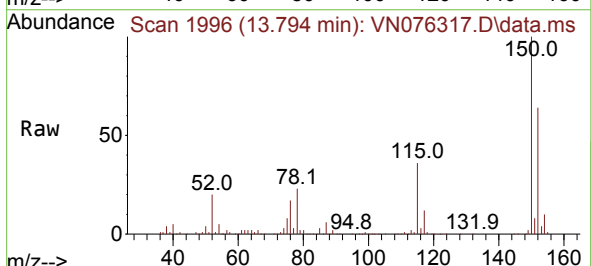
Tgt Ion:152 Resp: 258578

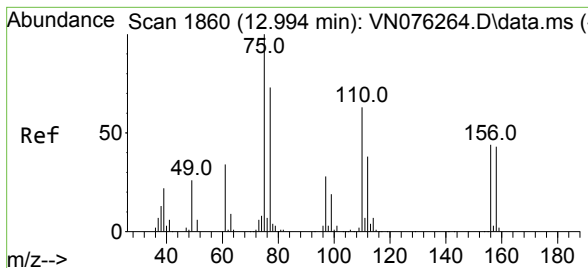
Ion Ratio Lower Upper

152 100

115 57.7 29.6 88.9

150 158.2 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 28.350 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

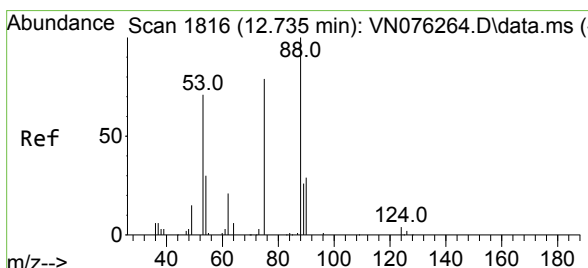
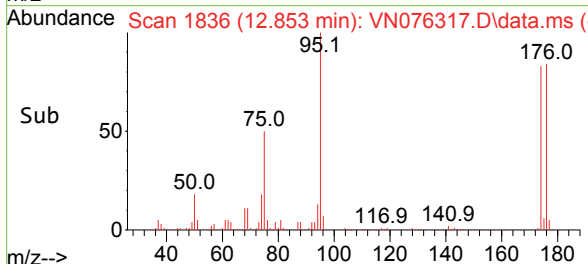
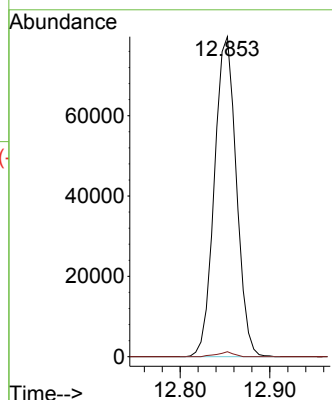
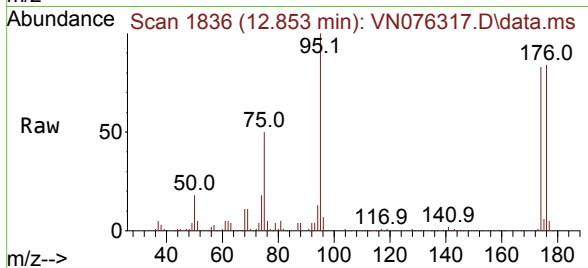
TJRC-011823-GW-DUP

Tgt Ion: 75 Resp: 135481

Ion Ratio Lower Upper

75 100

77 1.1 75.2 225.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.176 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.118 min

Lab File: VN076317.D

Acq: 19 Jan 2023 12:55

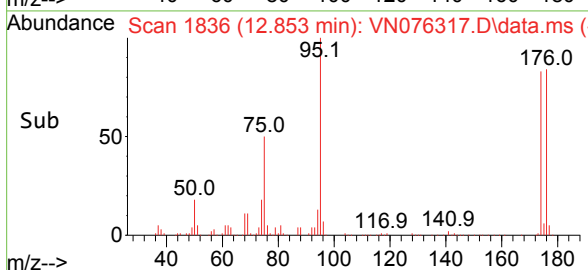
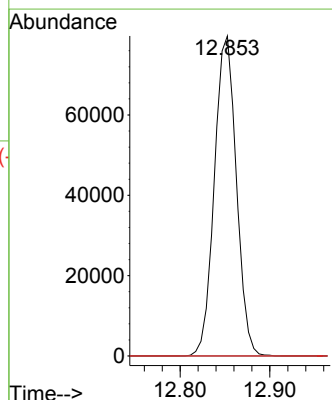
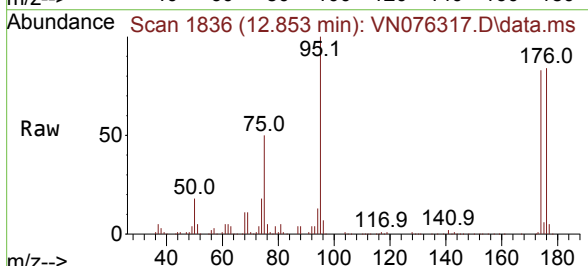
Tgt Ion: 75 Resp: 135481

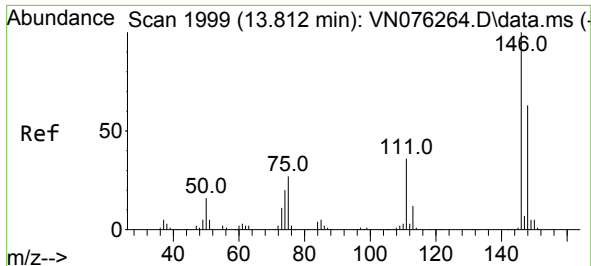
Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.0 37.0 55.6#

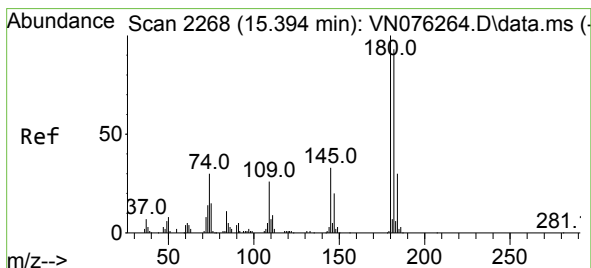
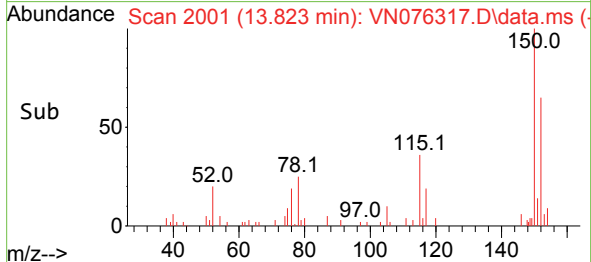
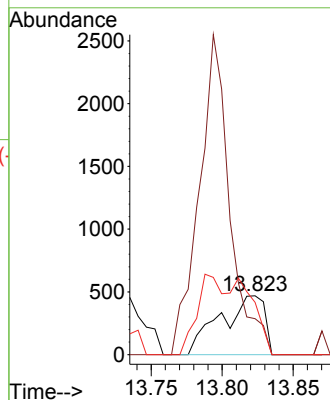
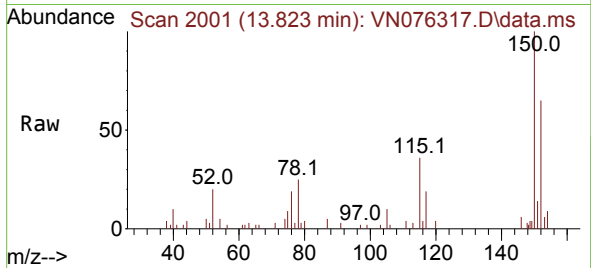




#88
 1,4-Dichlorobenzene
 Concen: 0.215 ug/l
 RT: 13.823 min Scan# 2001
 Delta R.T. 0.011 min
 Lab File: VN076317.D
 Acq: 19 Jan 2023 12:55

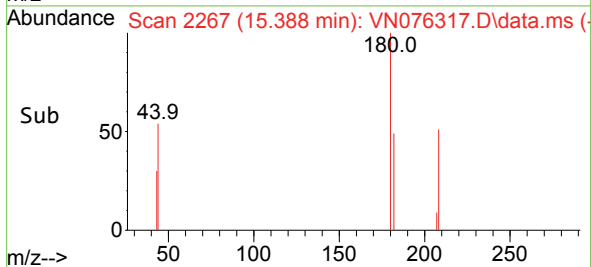
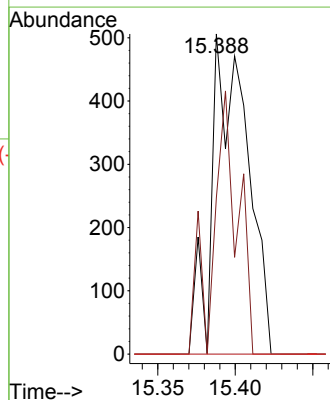
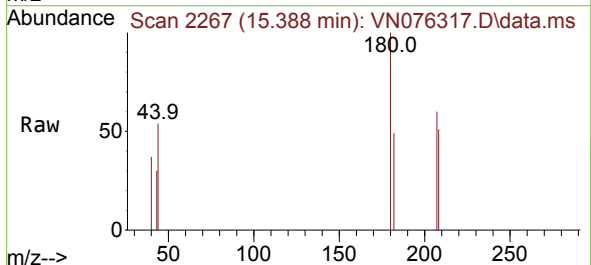
Instrument :
 MSVOA_N
 ClientSampleId :
 TJRC-011823-GW-DUP

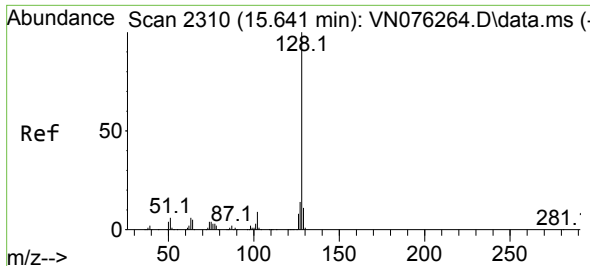
Tgt Ion:146 Resp: 1023
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.1 57.5#
 148 0.0 31.9 95.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.479 ug/l
 RT: 15.388 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: VN076317.D
 Acq: 19 Jan 2023 12:55

Tgt Ion:180 Resp: 808
 Ion Ratio Lower Upper
 180 100
 182 57.9 47.0 141.2
 145 0.0 15.2 45.5#

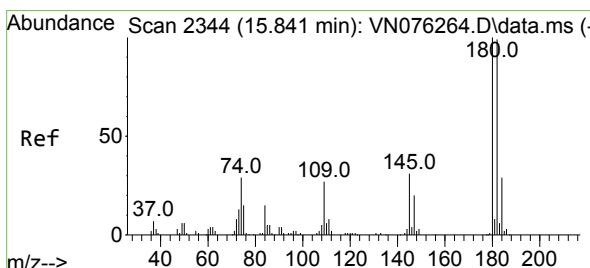
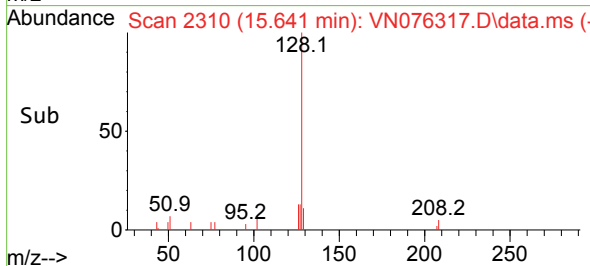
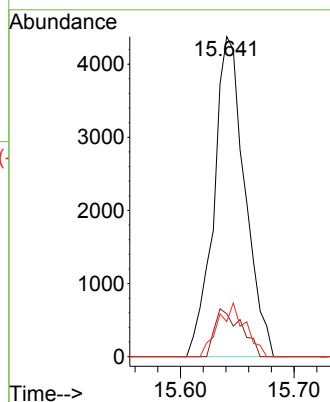
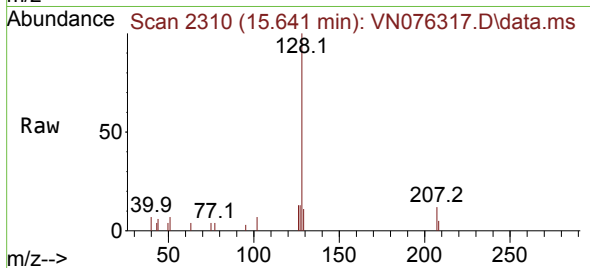




#95
Naphthalene
Concen: 2.433 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
TJRC-011823-GW-DUP

Tgt Ion:128 Resp: 8292
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 14.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.268 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076317.D
Acq: 19 Jan 2023 12:55

Tgt Ion:180 Resp: 504
Ion Ratio Lower Upper
180 100
182 136.3 47.5 142.5
145 15.7 15.9 47.6#

