

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041195.D
 Acq On : 22 Apr 2024 17:20
 Operator : JC/MD
 Sample : P2218-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-131-GW-01

Quant Time: Apr 23 05:38:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

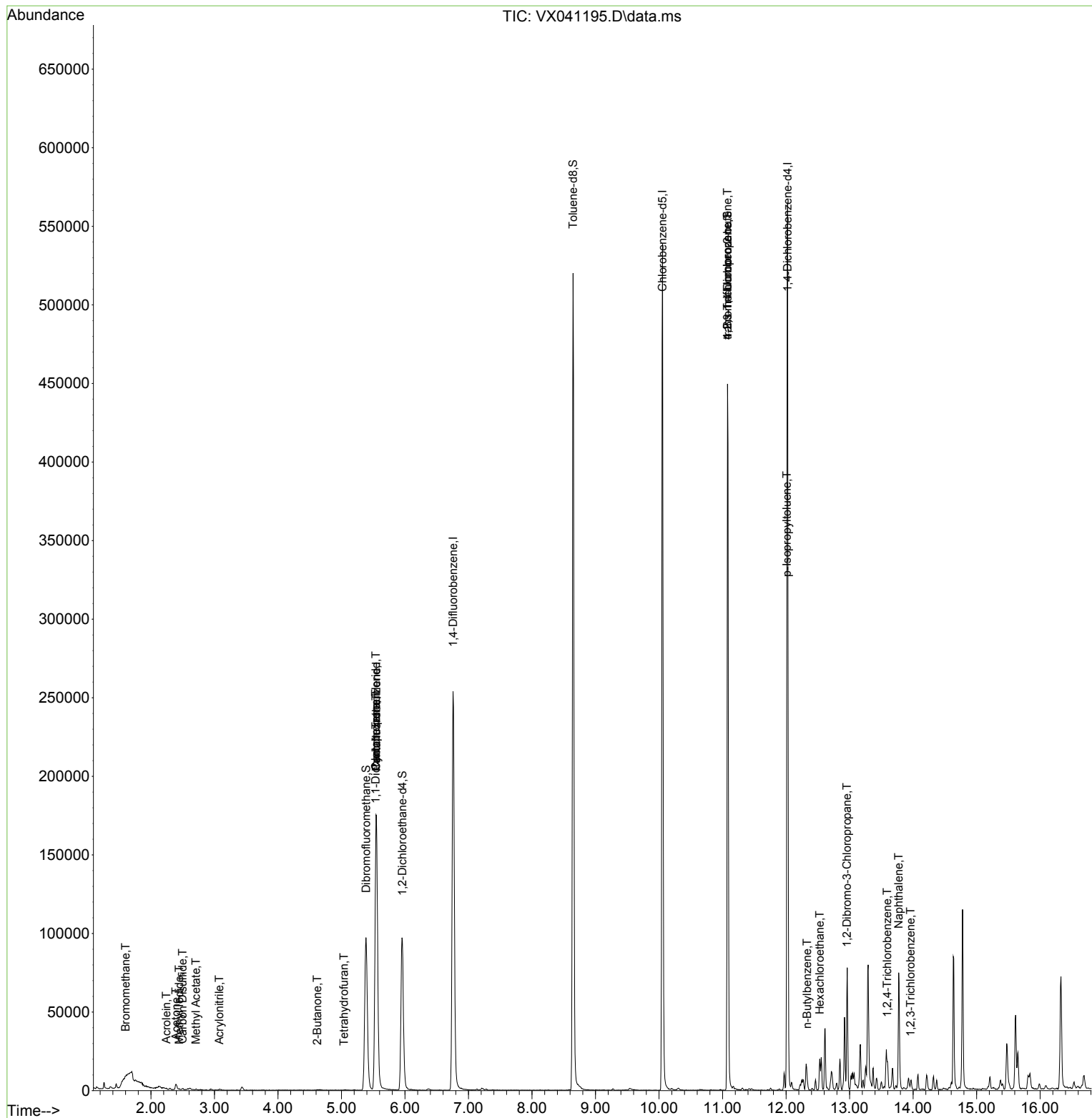
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	198610	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	283815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96456	51.018	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.040%		
35) Dibromofluoromethane	5.385	113	85763	49.677	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.360%		
50) Toluene-d8	8.647	98	327546	56.234	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 112.460%#		
62) 4-Bromofluorobenzene	11.079	95	116017	53.964	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.920%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	397	0.415	ug/l	# 76
10) Methyl Iodide	2.447	142	580	0.310	ug/l	# 50
13) Acrolein	2.239	56	444	1.169	ug/l	89
15) Acrylonitrile	3.075	53	288	0.333	ug/l	# 64
16) Acetone	2.392	43	4450	6.466	ug/l	# 89
17) Carbon Disulfide	2.495	76	1304	0.431	ug/l	# 76
18) Methyl Acetate	2.709	43	570	0.280	ug/l	# 84
25) 2-Butanone	4.617	43	324	0.276	ug/l	# 51
29) Tetrahydrofuran	5.038	42	164	0.205	ug/l	# 43
31) Cyclohexane	5.544	56	3019	1.186	ug/l	# 1
36) 1,1-Dichloropropene	5.538	75	11406	5.163	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	16649	6.748	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	55837	25.820	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	55837	72.845	ug/l	# 5
86) p-Isopropyltoluene	12.012	119	2994	0.395	ug/l	87
89) n-Butylbenzene	12.329	91	2927	0.509	ug/l	# 24
90) Hexachloroethane	12.530	117	971	0.777	ug/l	# 17
92) 1,2-Dibromo-3-Chloropr...	12.957	75	213	0.385	ug/l	# 9
93) 1,2,4-Trichlorobenzene	13.591	180	946	0.312	ug/l	91
95) Naphthalene	13.774	128	51624	5.926	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	963	0.302	ug/l	87

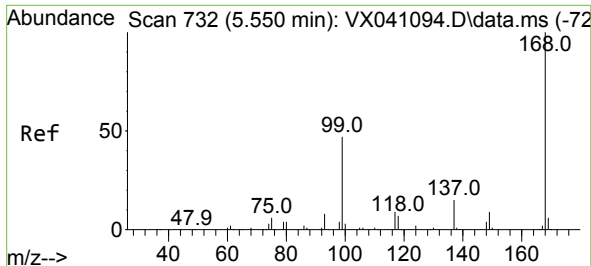
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-131-GW-01

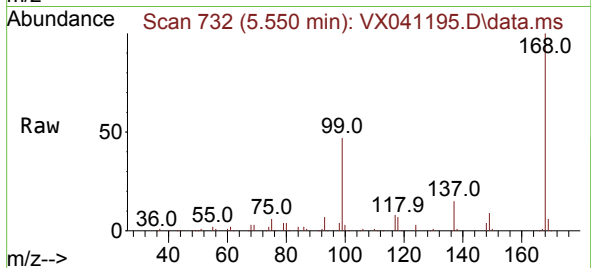
Quant Time: Apr 23 05:38:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



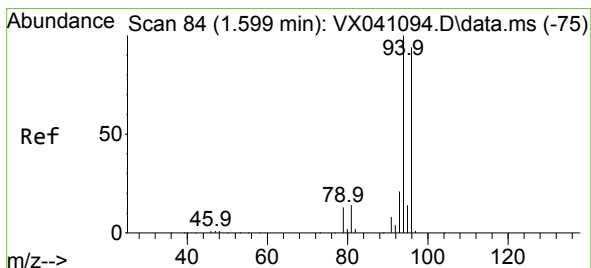
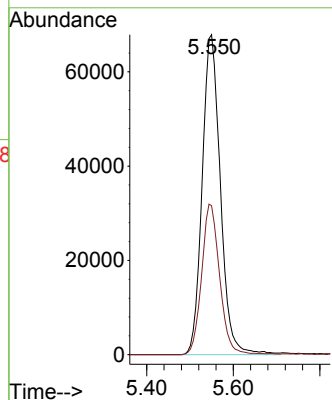
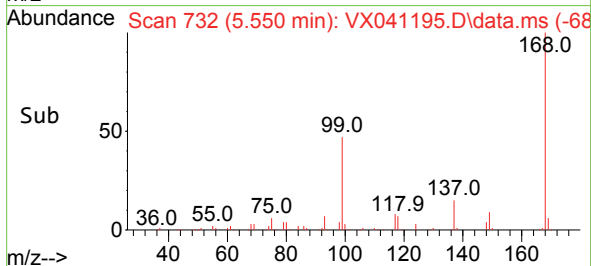


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-01

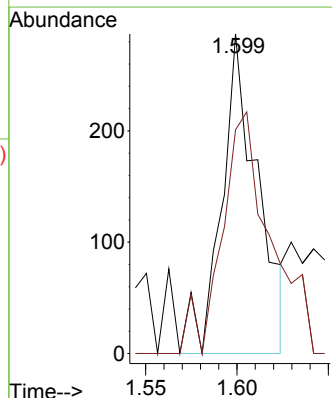
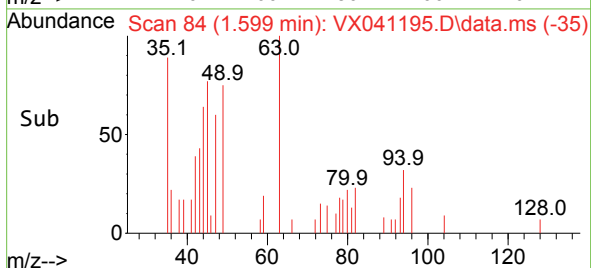
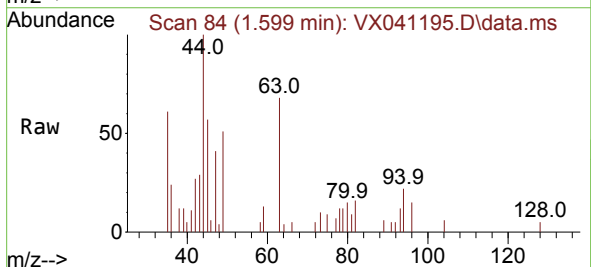


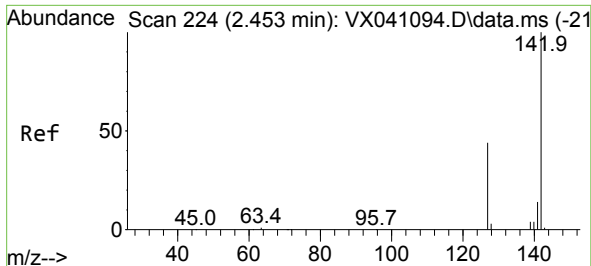
Tgt Ion:168 Resp: 198610
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#5
Bromomethane
Concen: 0.415 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 70.0 74.6 111.8#

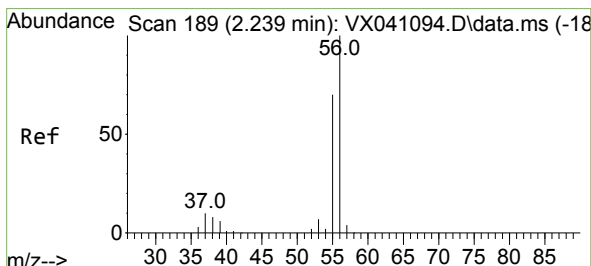
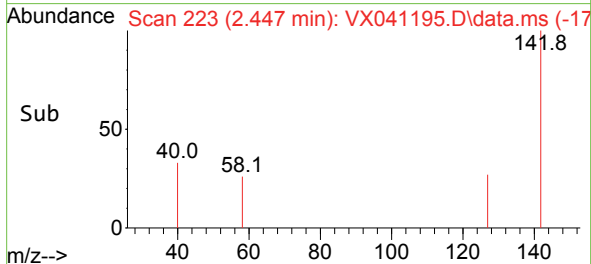
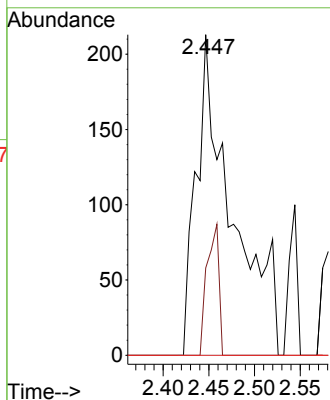
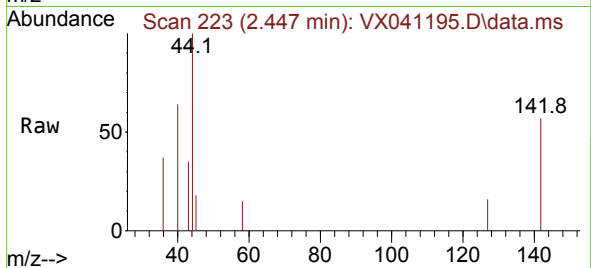




#10
Methyl Iodide
Concen: 0.310 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

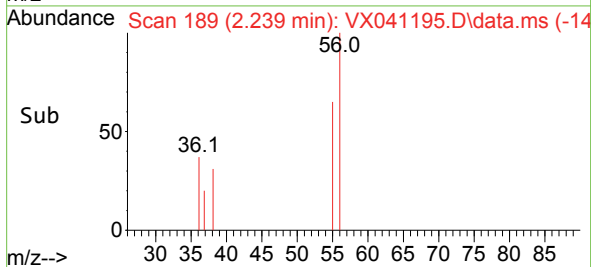
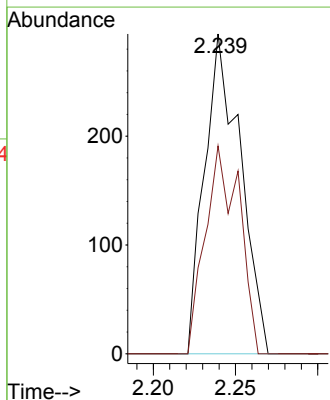
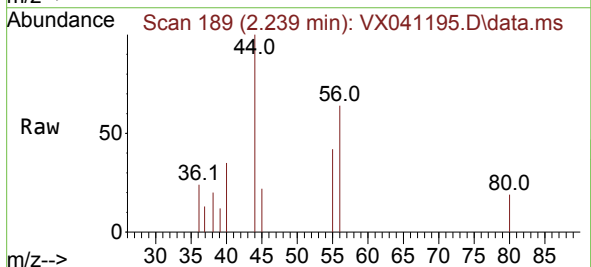
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-01

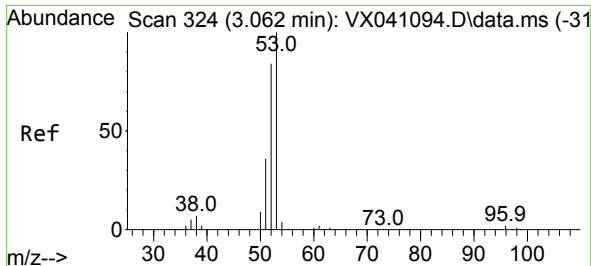
Tgt Ion:142 Resp: 580
Ion Ratio Lower Upper
142 100
127 13.6 41.6 62.4#
141 0.0 11.6 17.4#



#13
Acrolein
Concen: 1.169 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 56 Resp: 444
Ion Ratio Lower Upper
56 100
55 61.9 57.1 85.7

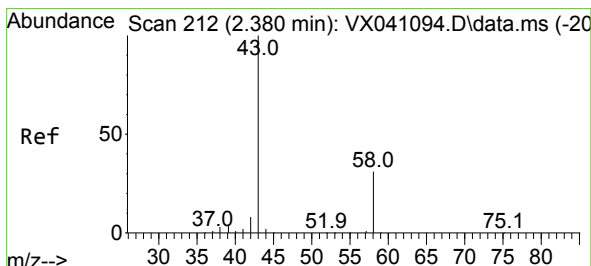
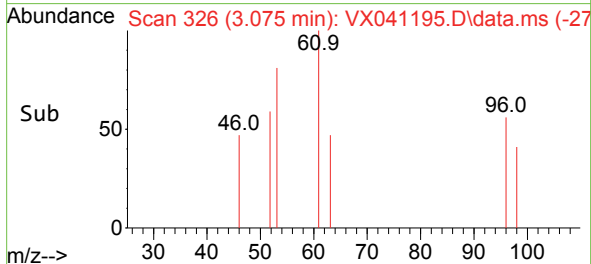
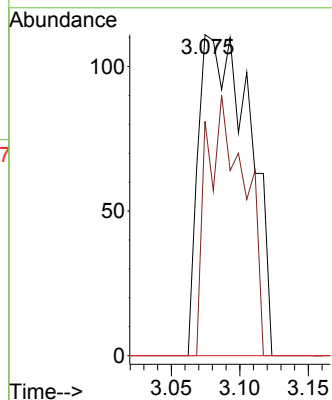
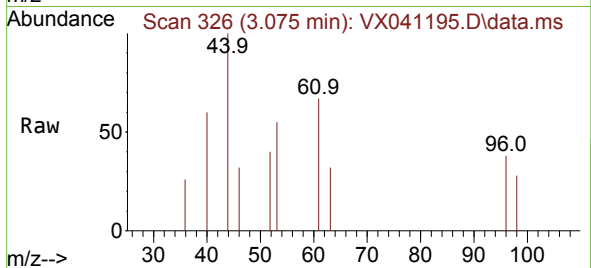




#15
Acrylonitrile
Concen: 0.333 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

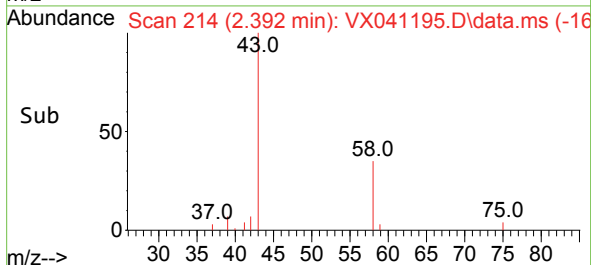
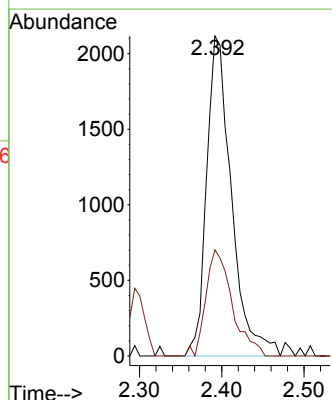
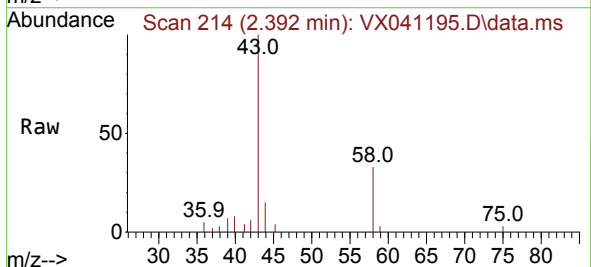
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-01

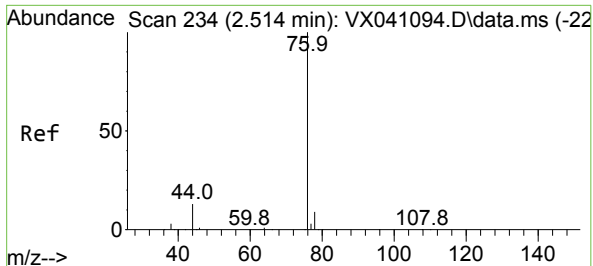
Tgt Ion: 53 Resp: 288
Ion Ratio Lower Upper
53 100
52 61.1 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 6.466 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 43 Resp: 4450
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.431 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041195.D

Acq: 22 Apr 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

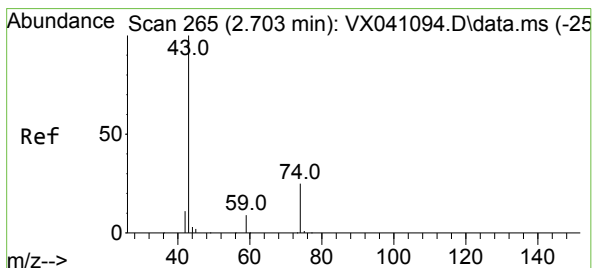
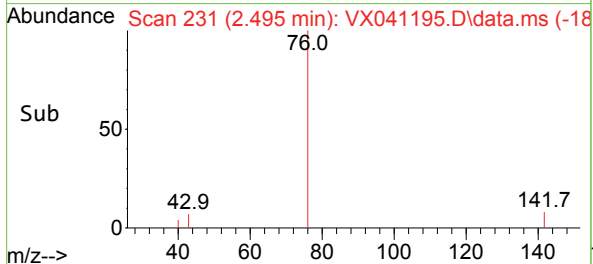
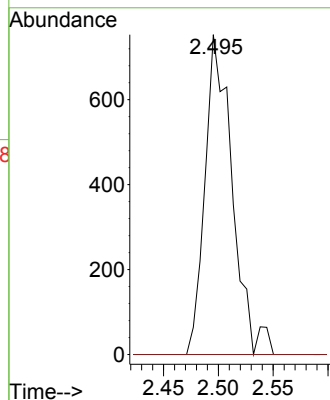
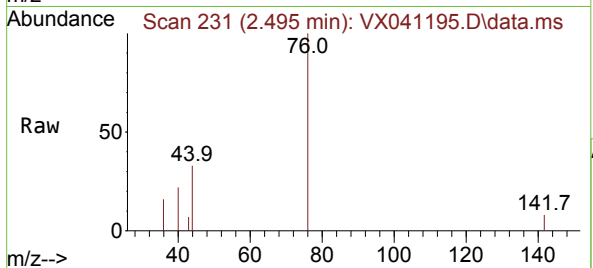
B-131-GW-01

Tgt Ion: 76 Resp: 1304

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.280 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041195.D

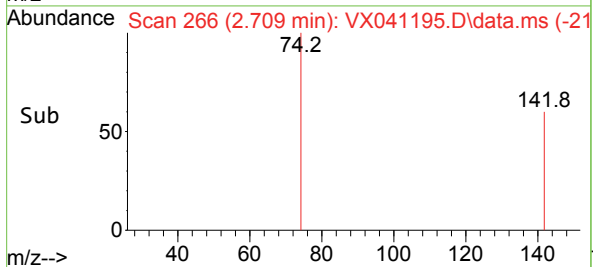
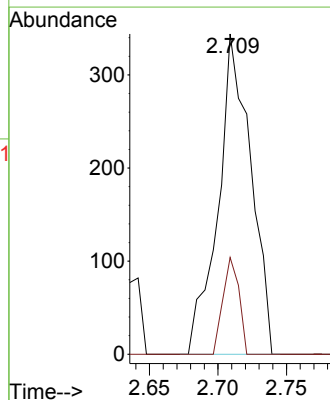
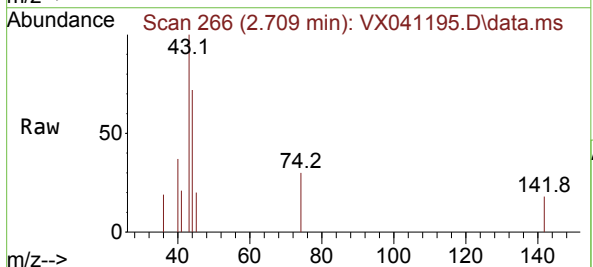
Acq: 22 Apr 2024 17:20

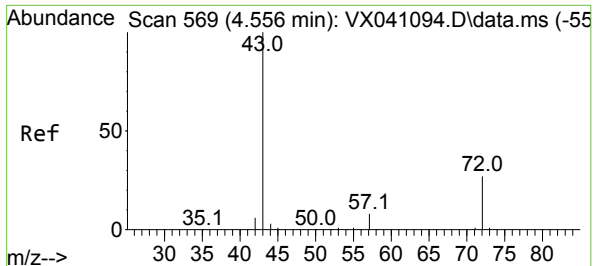
Tgt Ion: 43 Resp: 570

Ion Ratio Lower Upper

43 100

74 14.7 17.8 26.8#

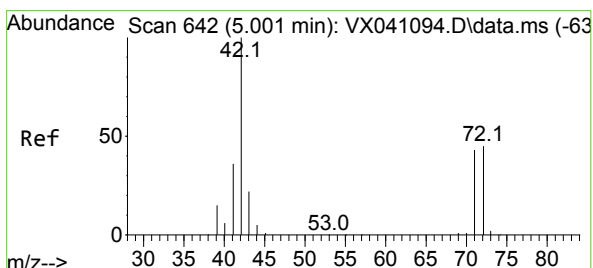
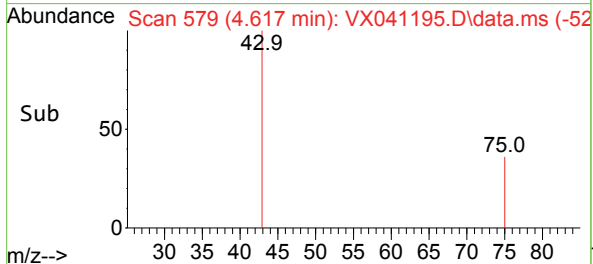
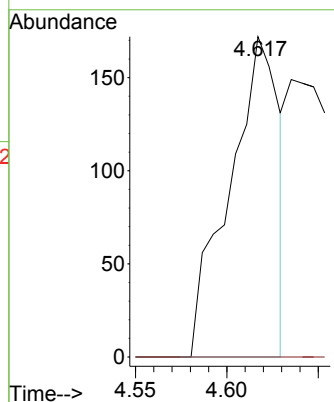
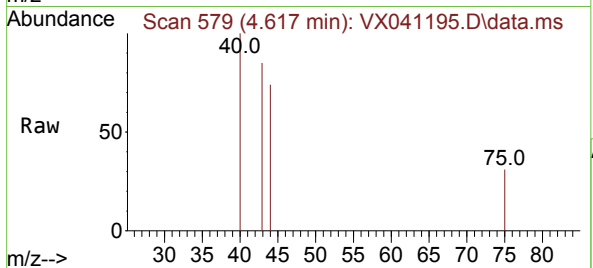




#25
2-Butanone
Concen: 0.276 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

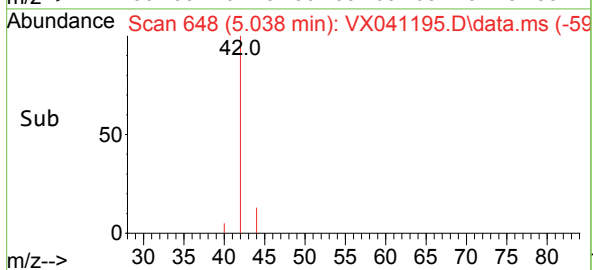
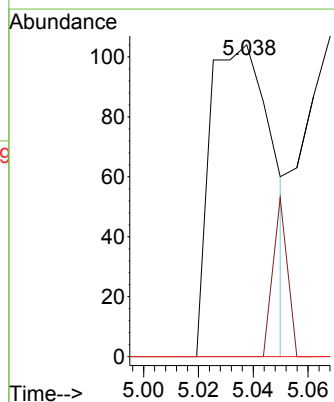
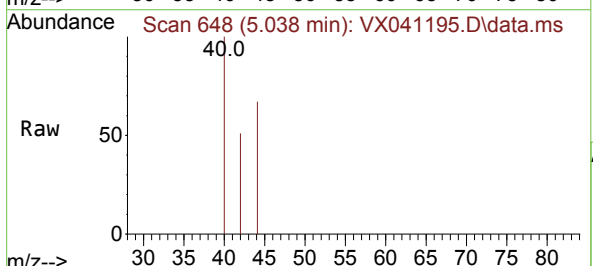
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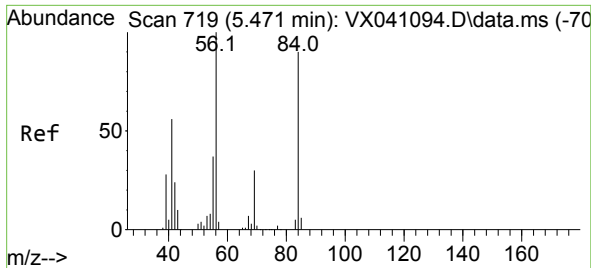
Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 42 Resp: 164
Ion Ratio Lower Upper
42 100
72 11.6 34.2 51.4#
71 0.0 32.2 48.2#

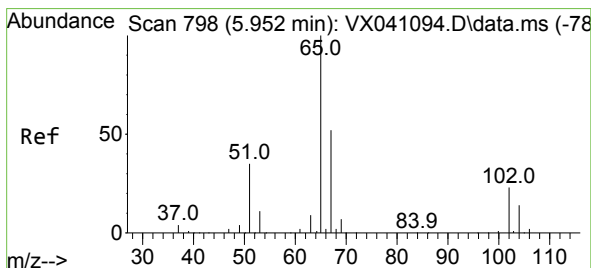
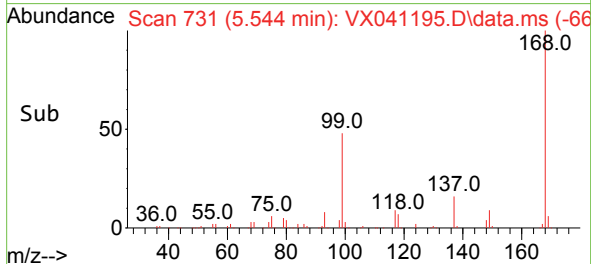
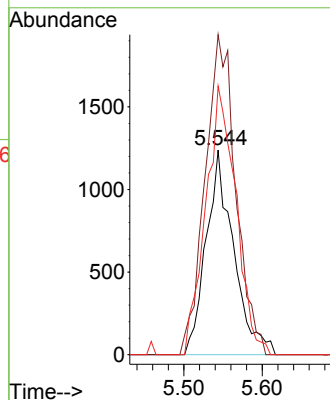
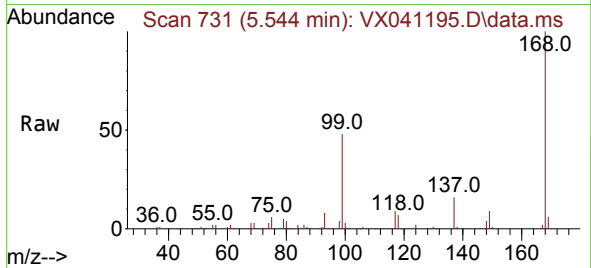




#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

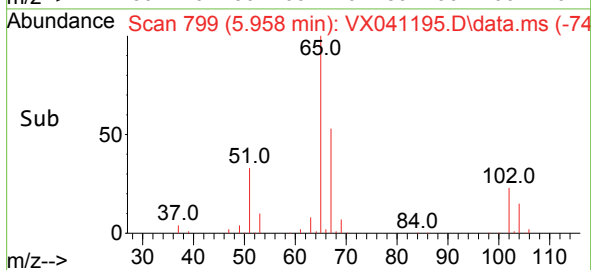
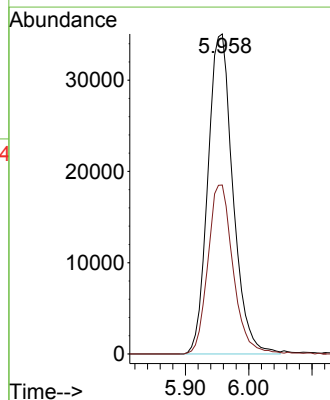
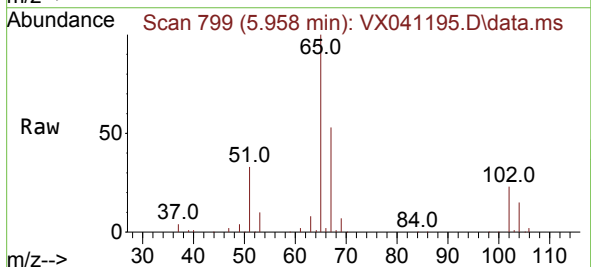
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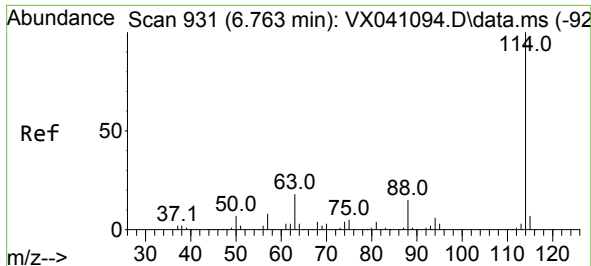
Tgt Ion: 56 Resp: 3019
Ion Ratio Lower Upper
56 100
69 156.3 23.4 35.2#
84 131.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.018 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 65 Resp: 96456
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

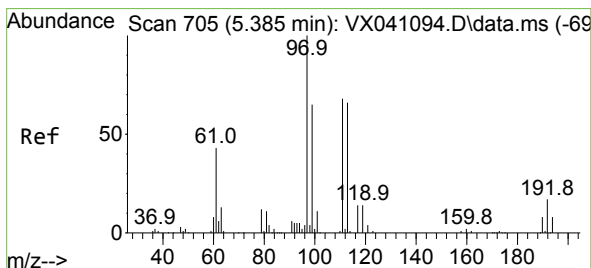
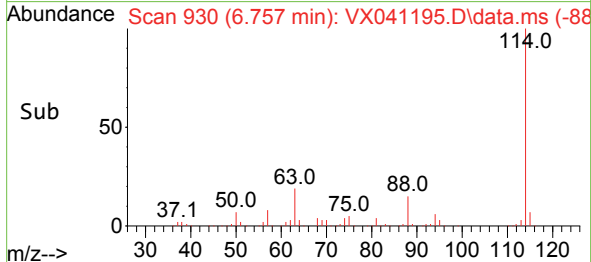
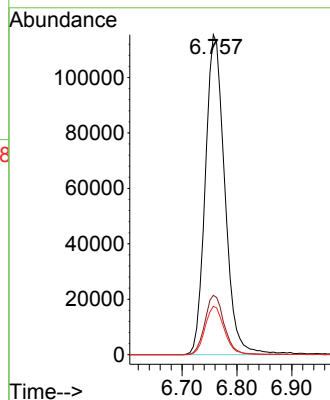
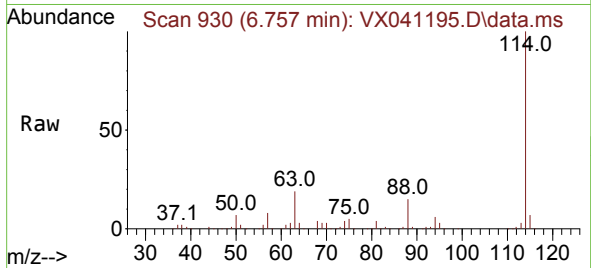




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

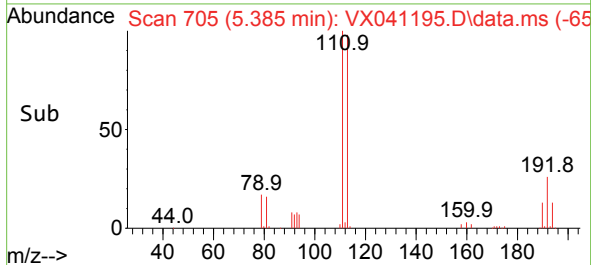
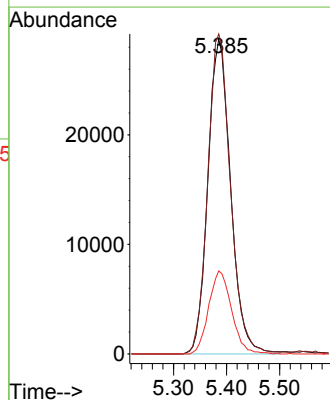
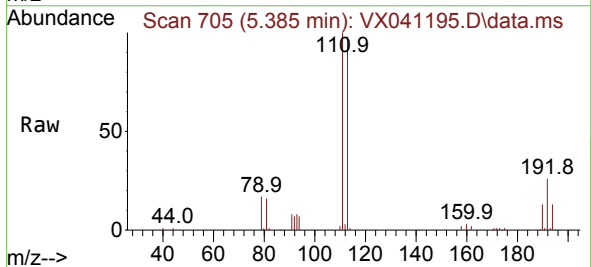
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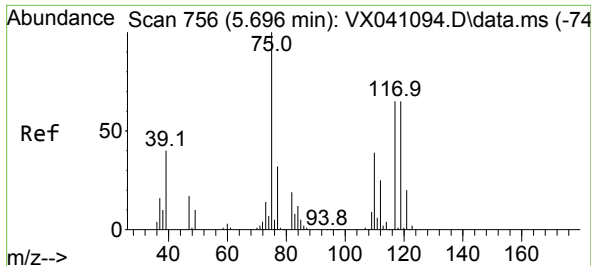
Tgt Ion:114 Resp: 283815
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.677 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion:113 Resp: 85763
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 26.4 13.3 19.9#

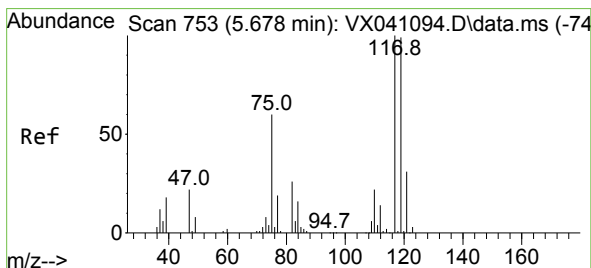
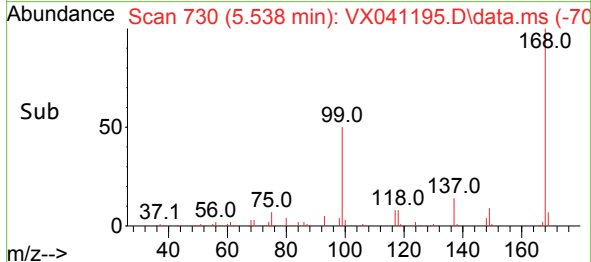
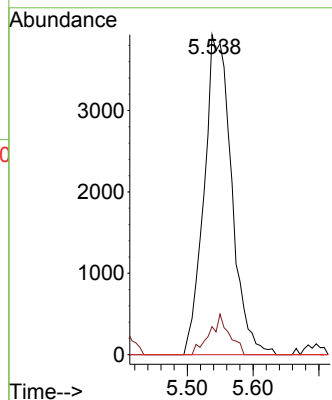
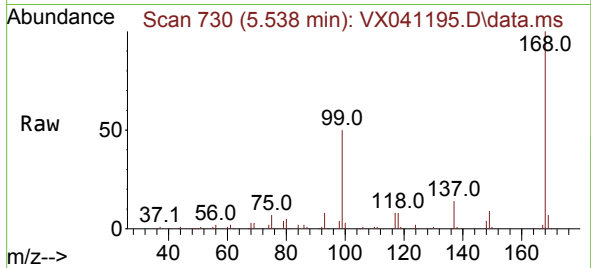




#36
1,1-Dichloropropene
Concen: 5.163 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.153 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

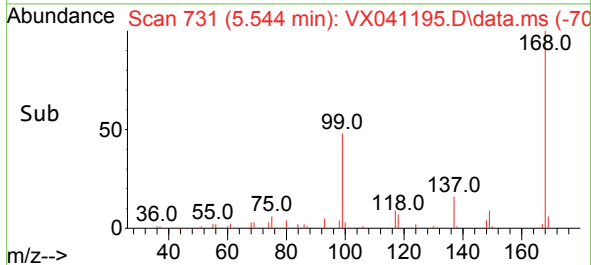
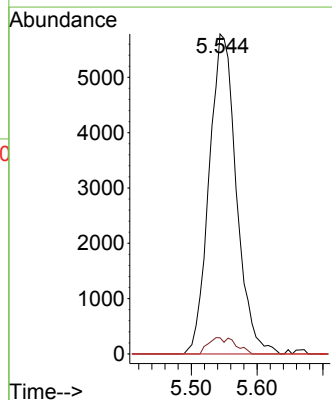
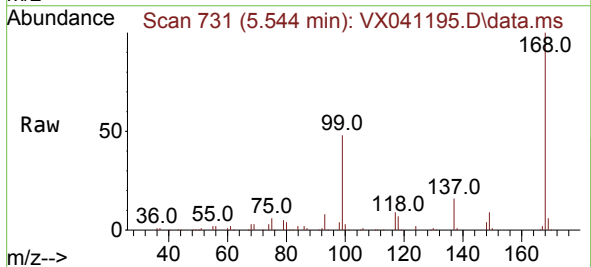
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-01

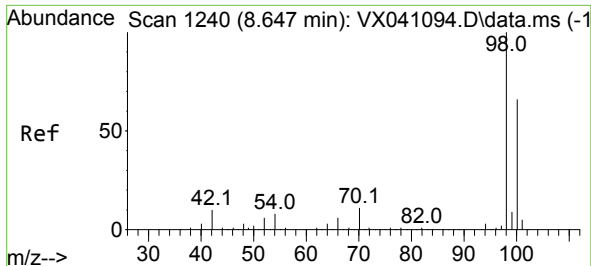
Tgt Ion: 75 Resp: 11406
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.748 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 117 Resp: 16649
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

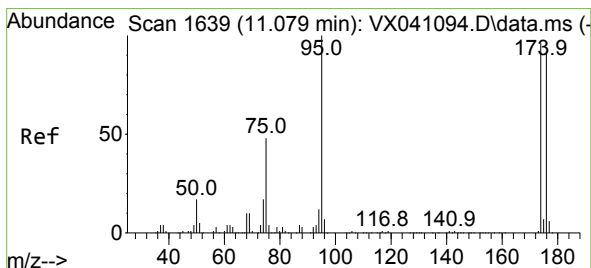
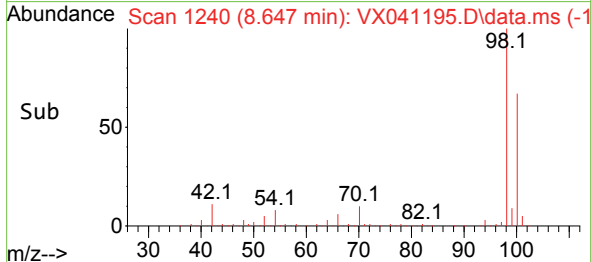
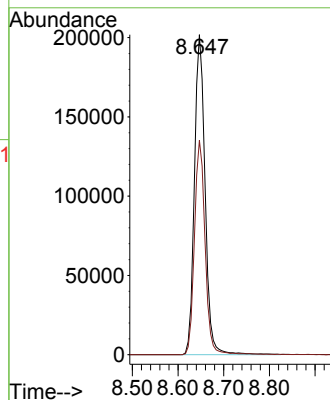
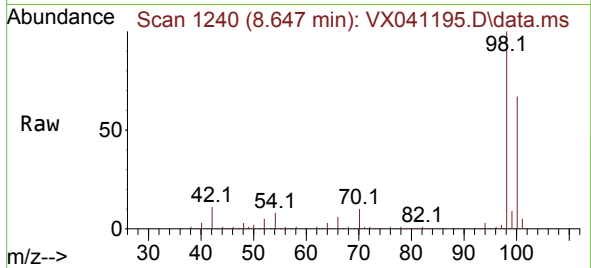




#50
Toluene-d8
Concen: 56.234 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

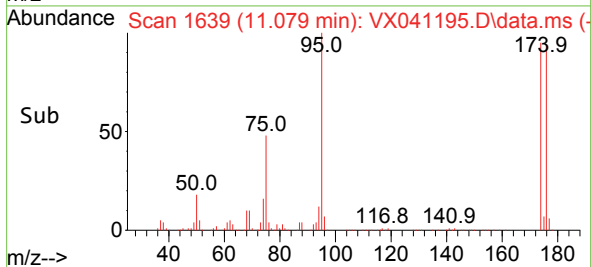
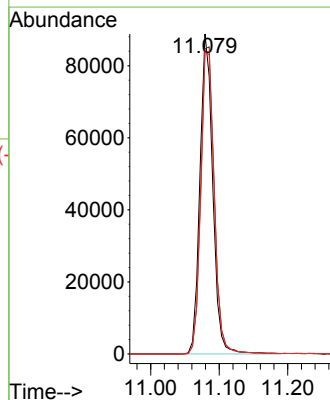
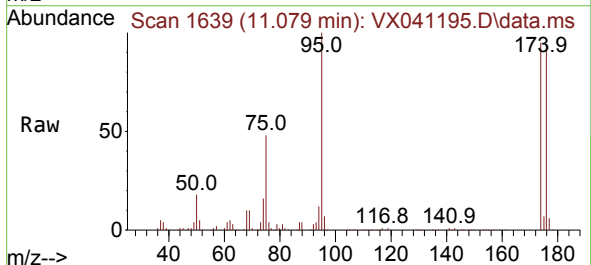
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-01

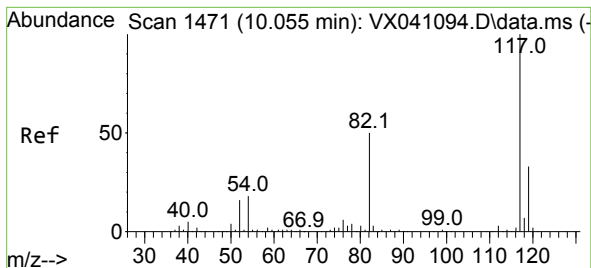
Tgt Ion: 98 Resp: 327546
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 95 Resp: 116017
Ion Ratio Lower Upper
95 100
174 101.6 0.0 135.6
176 99.1 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041195.D

Acq: 22 Apr 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

B-131-GW-01

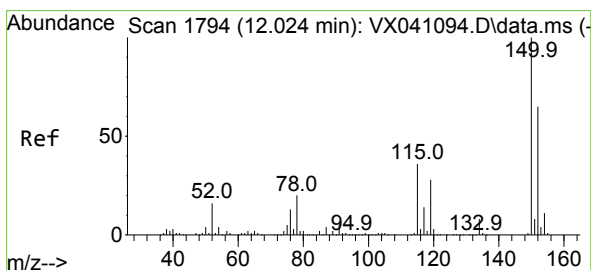
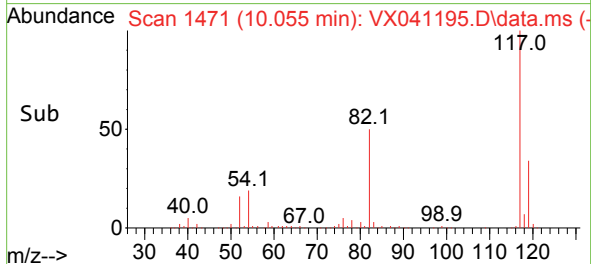
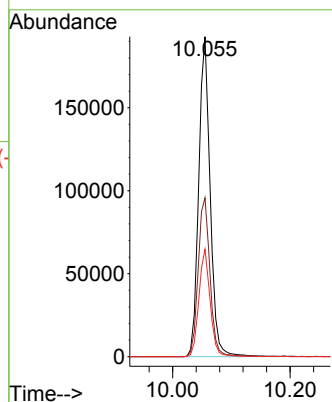
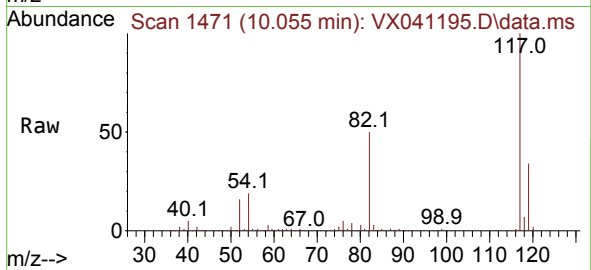
Tgt Ion:117 Resp: 261301

Ion Ratio Lower Upper

117 100

82 49.6 46.2 69.4

119 33.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041195.D

Acq: 22 Apr 2024 17:20

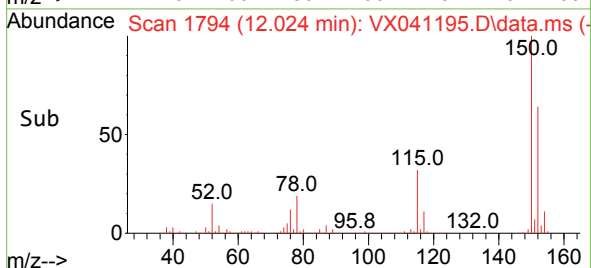
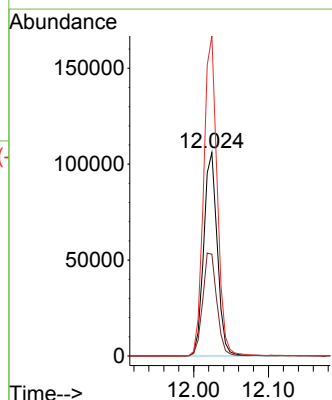
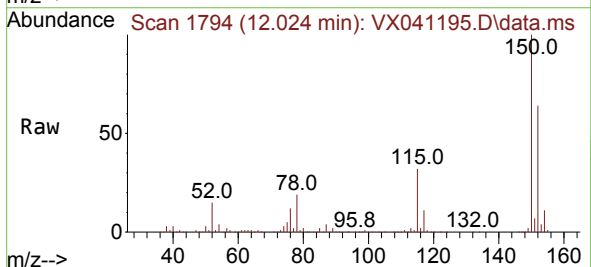
Tgt Ion:152 Resp: 134224

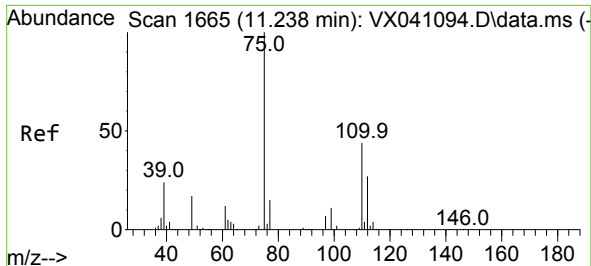
Ion Ratio Lower Upper

152 100

115 52.4 43.3 129.9

150 156.4 0.0 345.0

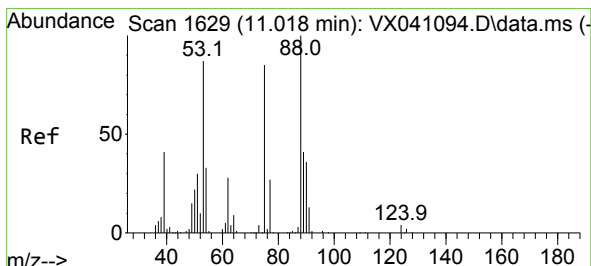
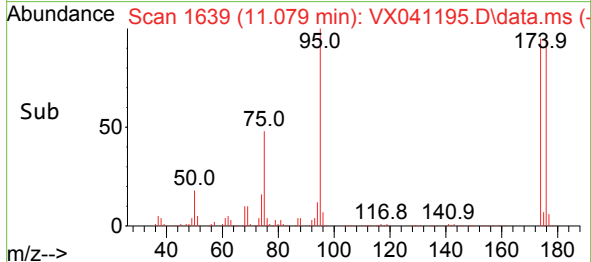
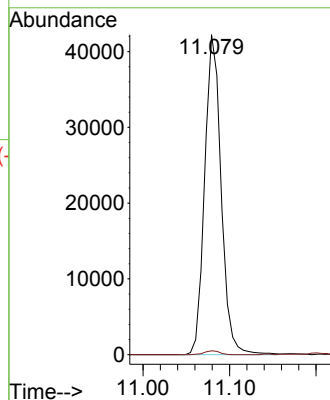
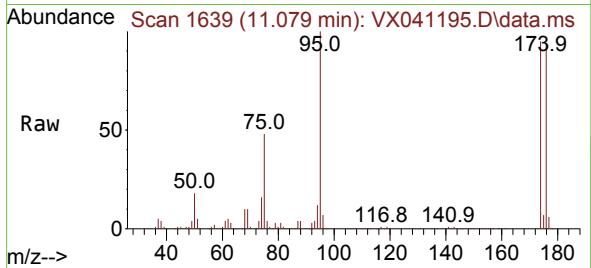




#76
1,2,3-Trichloropropane
Concen: 25.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

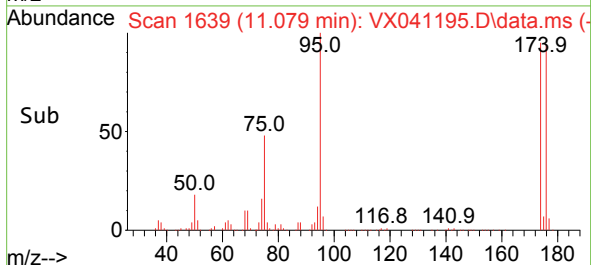
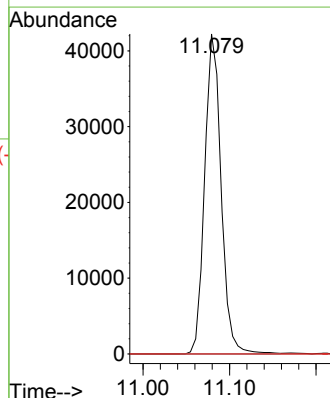
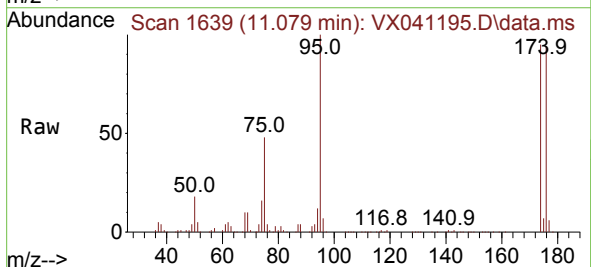
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-01

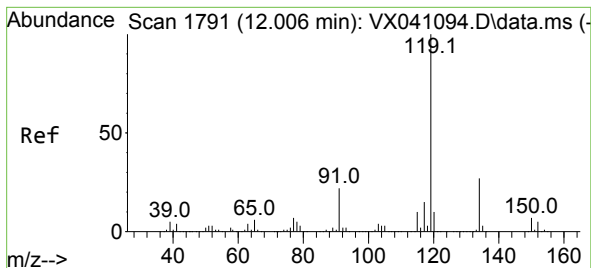
Tgt Ion: 75 Resp: 55837
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.845 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 75 Resp: 55837
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

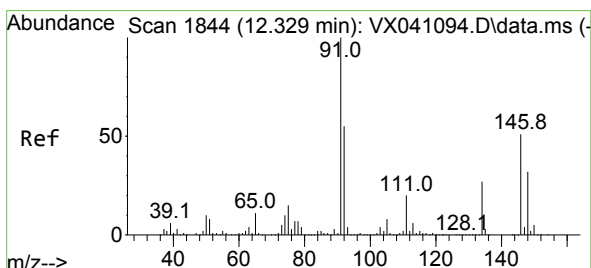
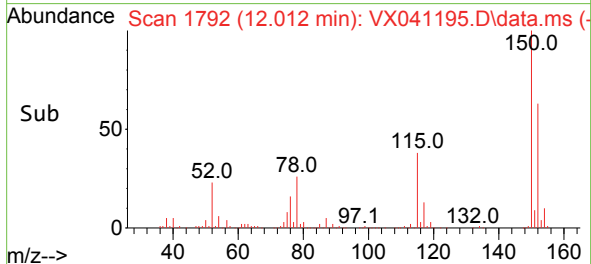
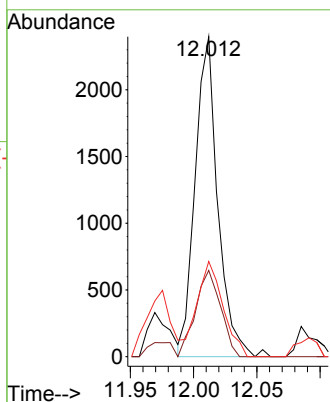
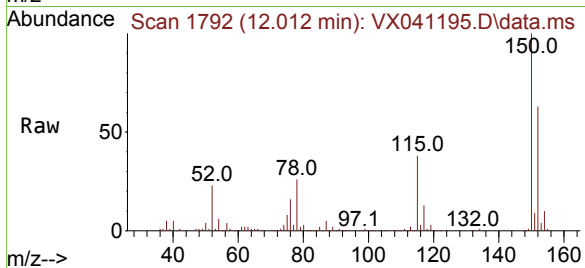




#86
p-Isopropyltoluene
Concen: 0.395 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

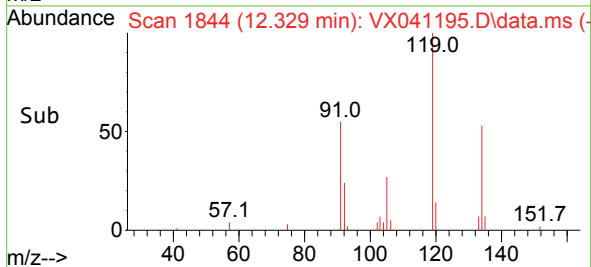
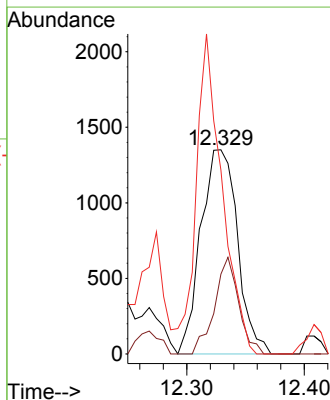
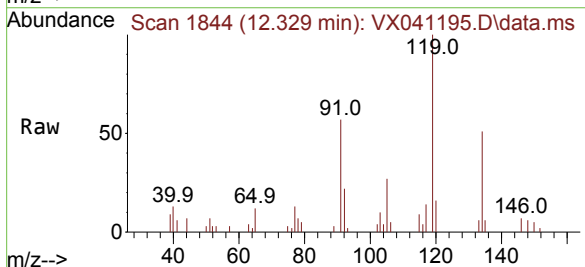
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-01

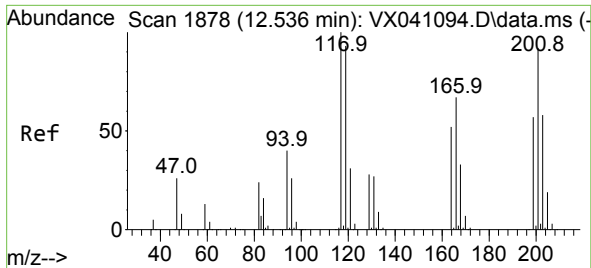
Tgt Ion:	119	Resp:	2994
Ion	Ratio	Lower	Upper
119	100		
134	29.8	12.8	38.3
91	34.8	13.1	39.3



#89
n-Butylbenzene
Concen: 0.509 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion:	91	Resp:	2927
Ion	Ratio	Lower	Upper
91	100		
92	31.3	27.4	82.0
134	111.5	12.6	37.8#

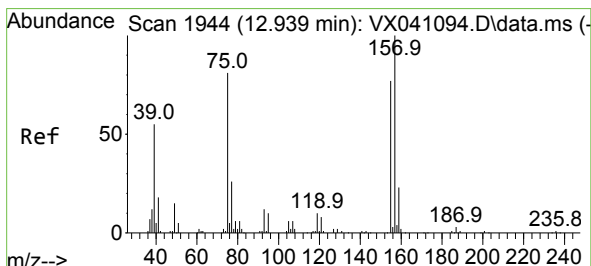
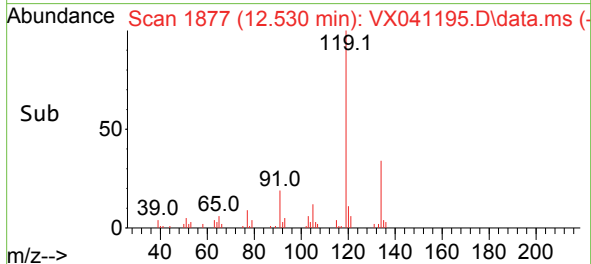
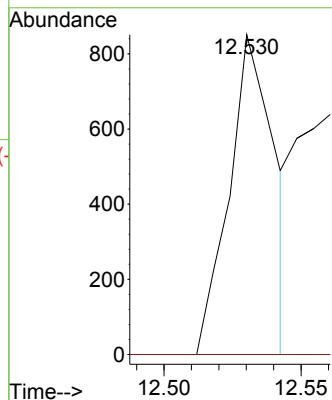
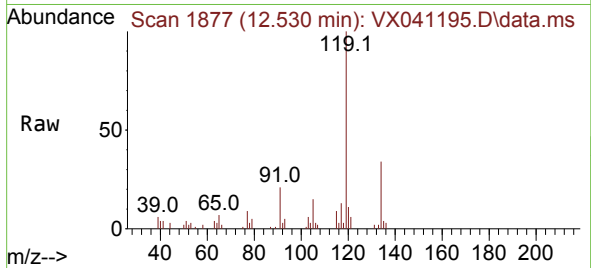




#90
Hexachloroethane
Concen: 0.777 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

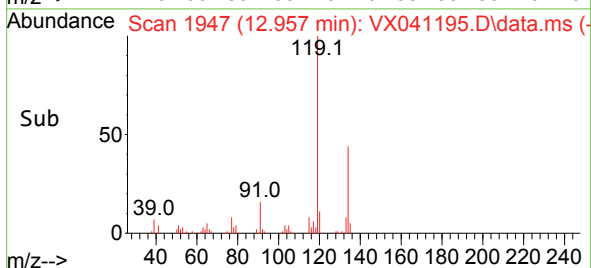
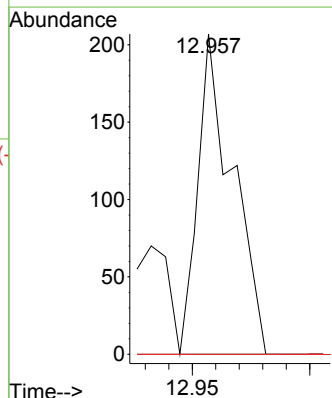
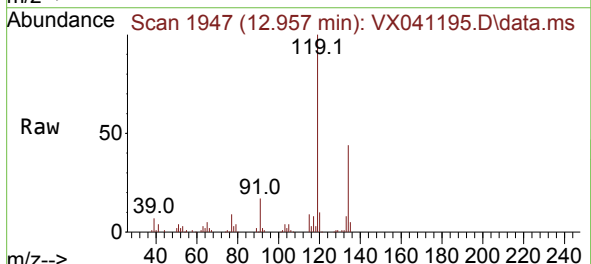
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-01

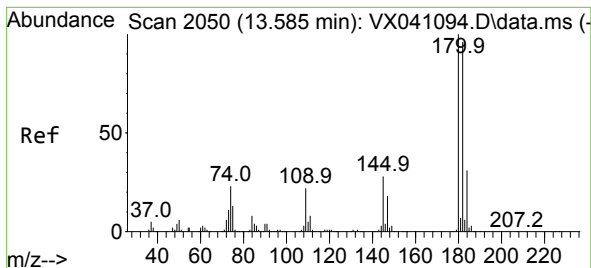
Tgt Ion:117 Resp: 971
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.385 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.018 min
Lab File: VX041195.D
Acq: 22 Apr 2024 17:20

Tgt Ion: 75 Resp: 213
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.312 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041195.D

Acq: 22 Apr 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

B-131-GW-01

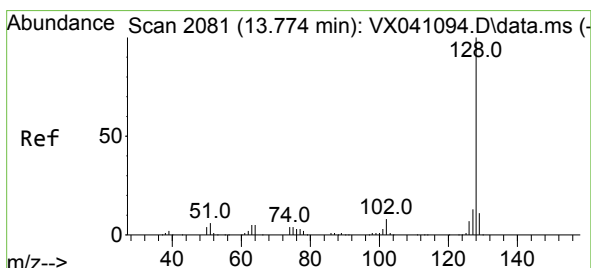
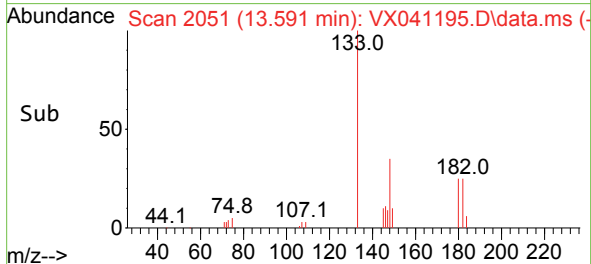
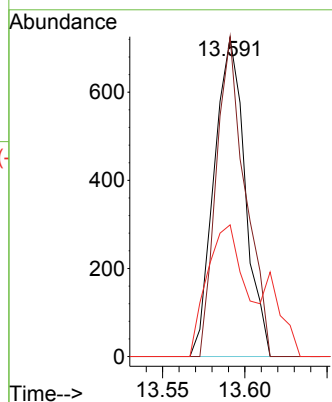
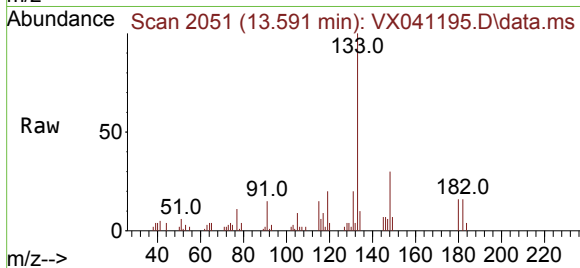
Tgt Ion:180 Resp: 946

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 52.2 18.0 54.0



#95

Naphthalene

Concen: 5.926 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041195.D

Acq: 22 Apr 2024 17:20

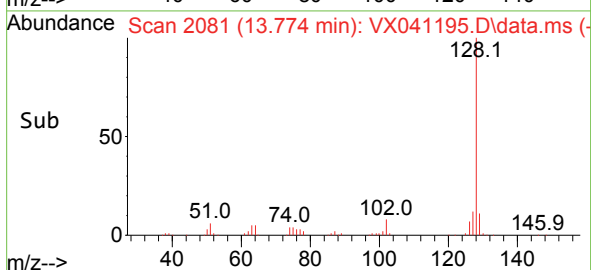
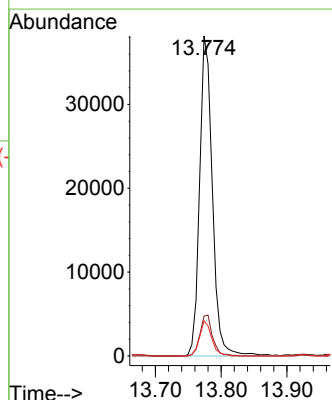
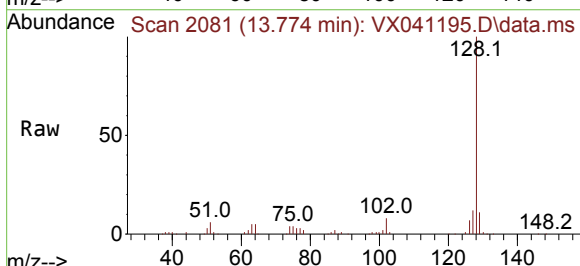
Tgt Ion:128 Resp: 51624

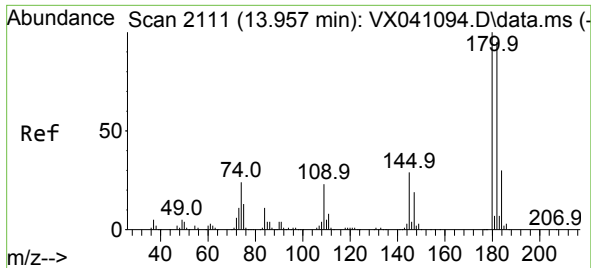
Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

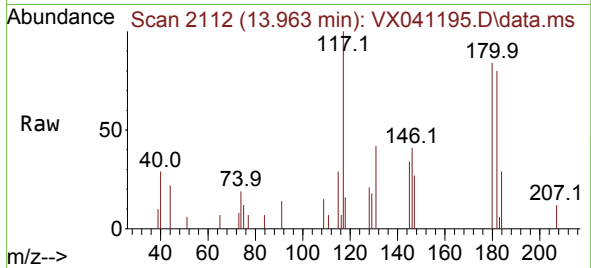
129 10.4 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.302 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX041195.D
 Acq: 22 Apr 2024 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 B-131-GW-01



Tgt Ion:180 Resp: 963
 Ion Ratio Lower Upper
 180 100
 182 100.8 46.9 140.6
 145 50.9 17.8 53.5

