

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034676.D
 Acq On : 22 Mar 2023 16:46
 Operator : JC/MD
 Sample : 02034-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-CB05-30-35-032123

Quant Time: Mar 23 07:55:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

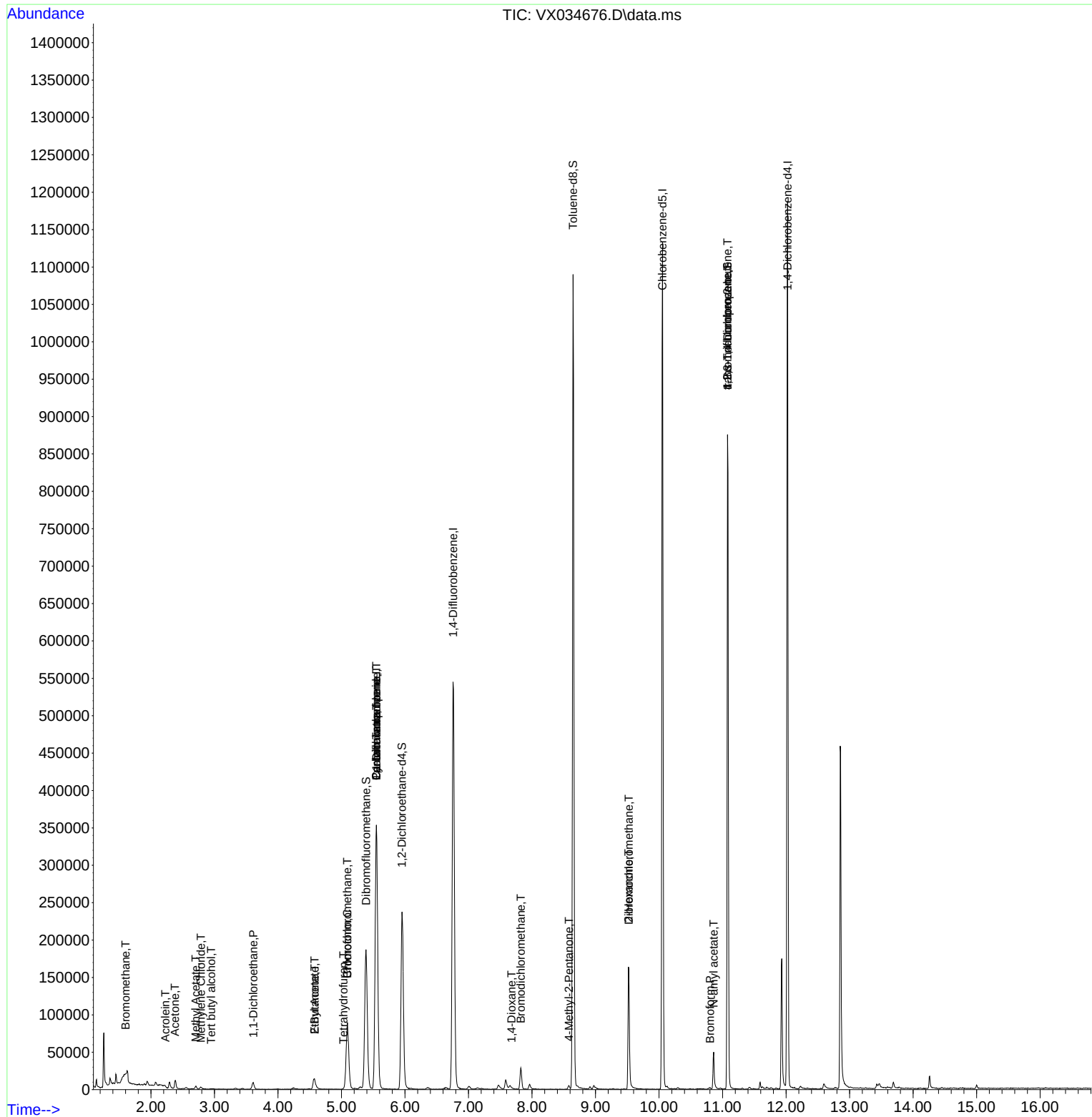
Internal Standards						
1) Pentafluorobenzene	5.550	168	321534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	546077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	483575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	235240	50.290	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.580%			
35) Dibromofluoromethane	5.385	113	162522	45.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.160%			
50) Toluene-d8	8.647	98	617195	45.856	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.720%#			
62) 4-Bromofluorobenzene	11.079	95	243290	44.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.500%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	568	Below Cal	#	82
5) Bromomethane	1.599	94	452	0.219	ug/l	93
11) Tert butyl alcohol	2.947	59	329	0.338	ug/l #	73
13) Acrolein	2.227	56	628	0.815	ug/l #	78
16) Acetone	2.380	43	12016	5.453	ug/l #	88
18) Methyl Acetate	2.703	43	4704	0.653	ug/l	91
20) Methylene Chloride	2.788	84	1262	0.295	ug/l	90
24) 1,1-Dichloroethane	3.611	63	9619	1.315	ug/l	96
25) 2-Butanone	4.574	43	27971	8.872	ug/l	92
28) Bromochloromethane	5.093	49	8365	2.460	ug/l #	15
29) Tetrahydrofuran	5.032	42	789	0.406	ug/l #	42
30) Chloroform	5.093	83	98695	13.766	ug/l	96
31) Cyclohexane	5.550	56	7918	1.207	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	26614	4.806	ug/l #	51
37) Ethyl Acetate	4.574	43	27971	4.623	ug/l #	70
38) Carbon Tetrachloride	5.550	117	35577	6.458	ug/l #	16
47) Bromodichloromethane	7.824	83	18650	3.351	ug/l	96
49) 1,4-Dioxane	7.677	88	288	2.782	ug/l #	32
51) 4-Methyl-2-Pentanone	8.580	43	3730	0.627	ug/l	89
59) 2-Hexanone	9.519	43	24771	5.390	ug/l #	46
60) Dibromochloromethane	9.525	129	5182	1.241	ug/l	95
71) Bromoform	10.805	173	655	0.220	ug/l #	29
74) N-amyl acetate	10.860	43	6652	0.759	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	128880	23.718	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	128880	64.165	ug/l #	8

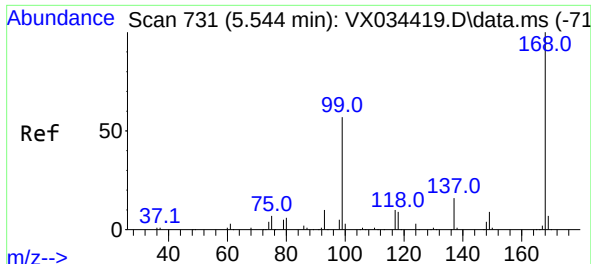
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
Data File : VX034676.D
Acq On : 22 Mar 2023 16:46
Operator : JC/MD
Sample : 02034-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

Quant Time: Mar 23 07:55:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

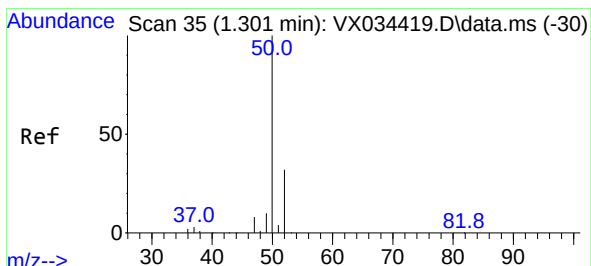
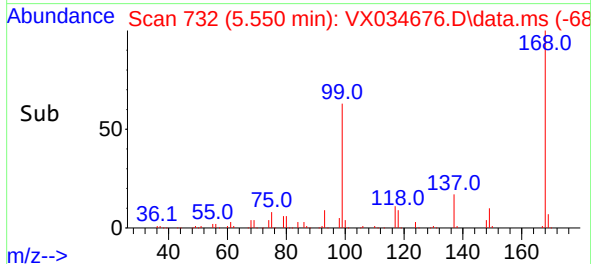
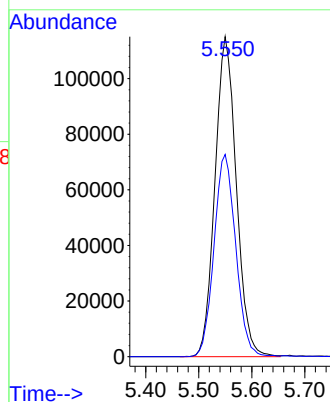
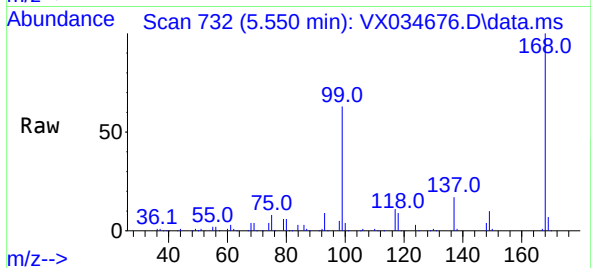




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

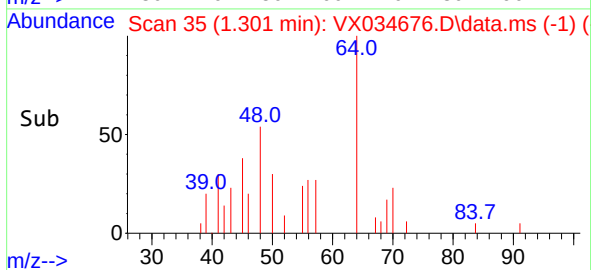
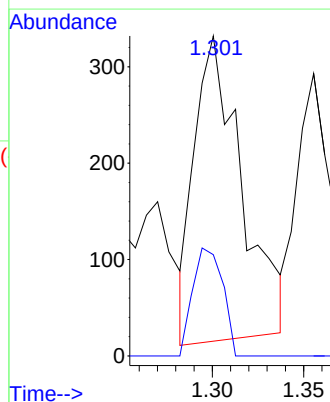
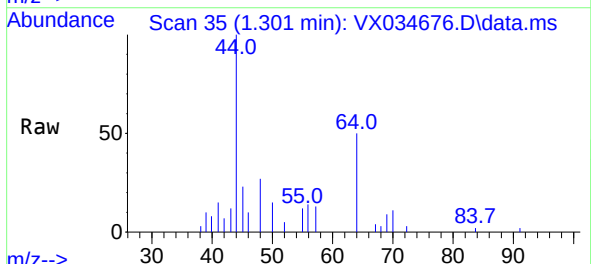
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

Tgt Ion:168 Resp: 321534
Ion Ratio Lower Upper
168 100
99 63.2 45.7 68.5

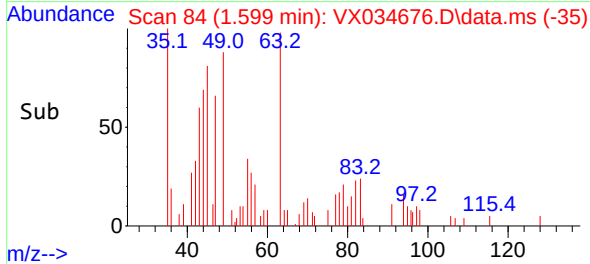
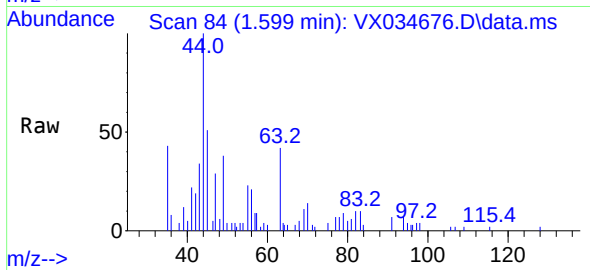
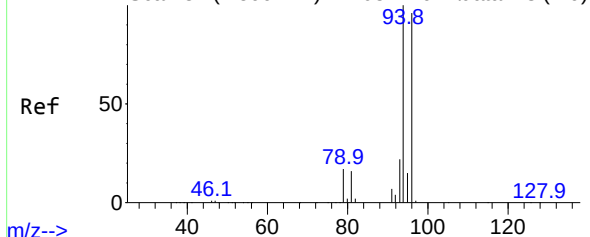


#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 42.3 25.9 38.9#



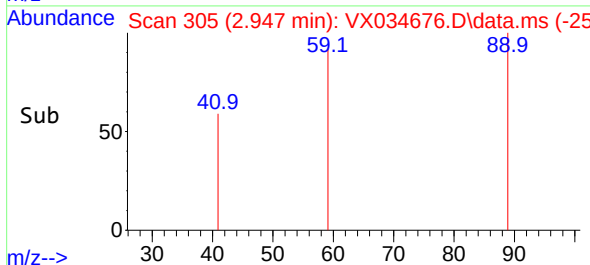
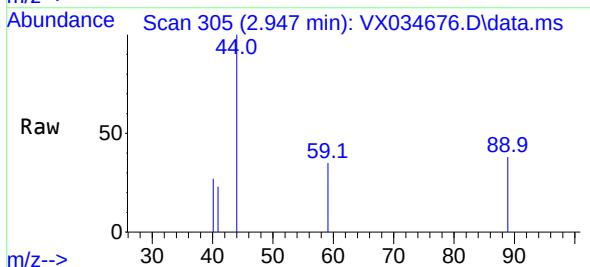
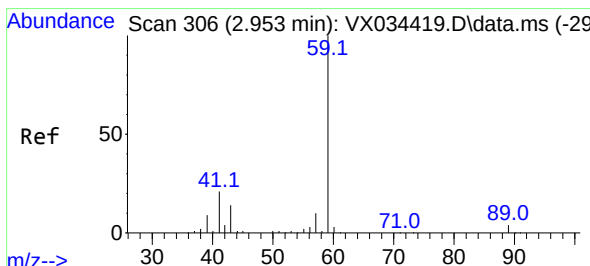
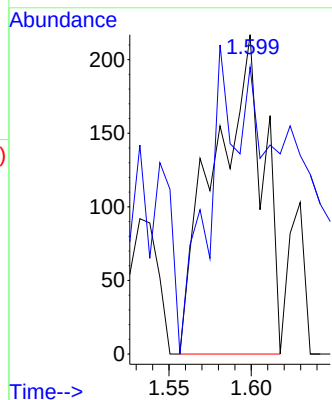
Abundance Scan 84 (1.599 min): VX034419.D\data.ms (-79)



#5
Bromomethane
Concen: 0.219 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

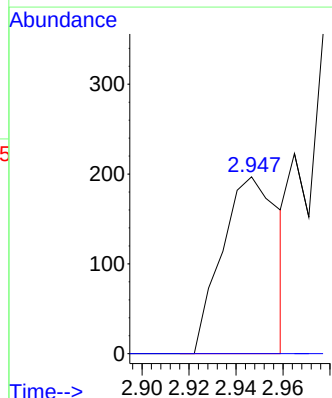
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

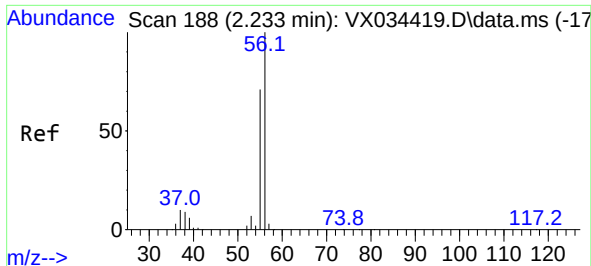
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 89.9 77.0 115.6



#11
Tert butyl alcohol
Concen: 0.338 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 59 Resp: 329
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

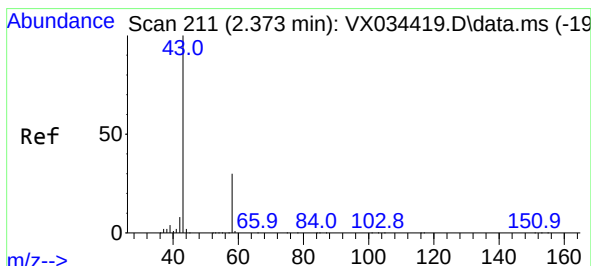
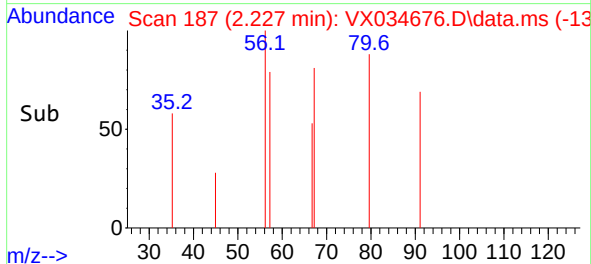
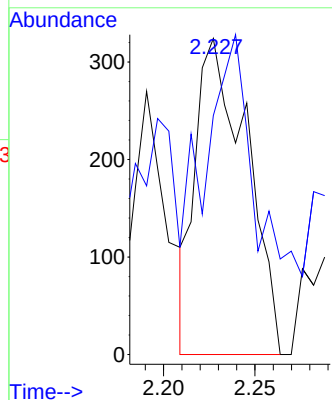
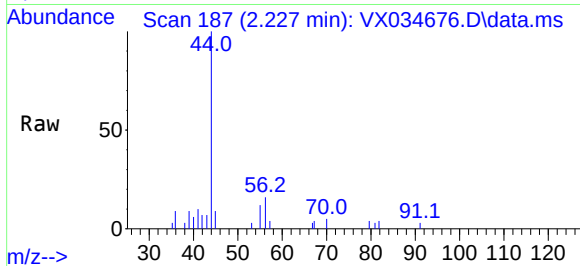




#13
Acrolein
Concen: 0.815 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

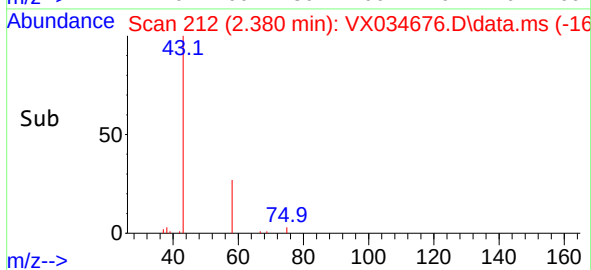
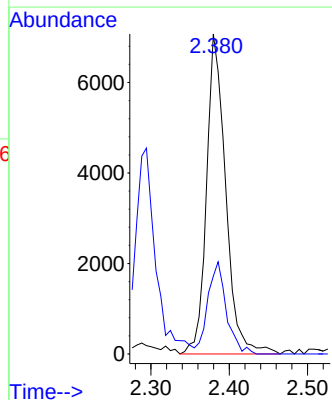
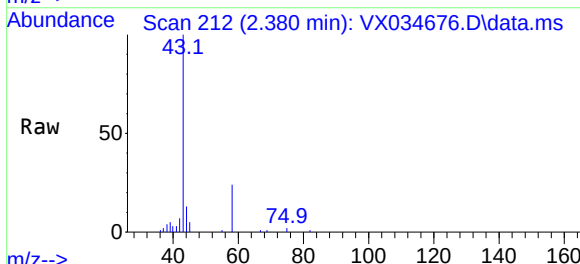
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

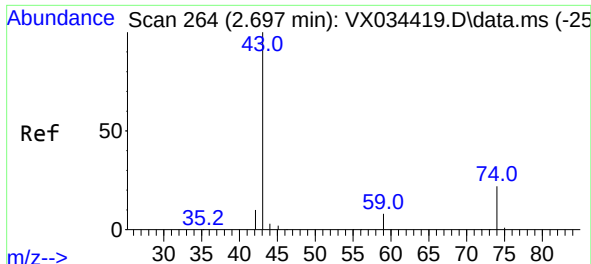
Tgt Ion: 56 Resp: 628
Ion Ratio Lower Upper
56 100
55 52.7 56.6 85.0#



#16
Acetone
Concen: 5.453 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 43 Resp: 12016
Ion Ratio Lower Upper
43 100
58 24.3 24.7 37.1#

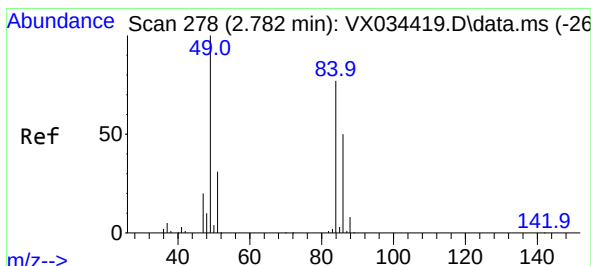
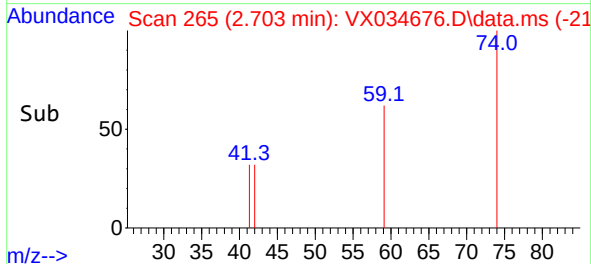
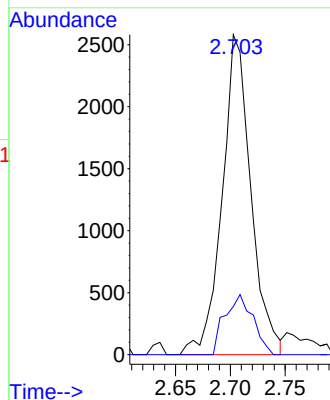
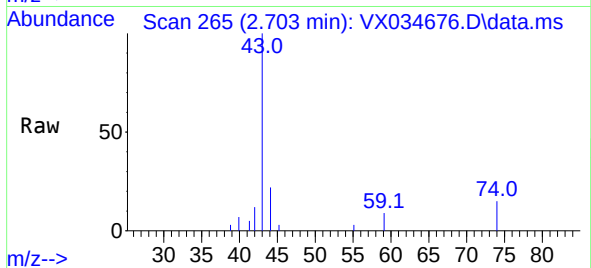




#18
Methyl Acetate
Concen: 0.653 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

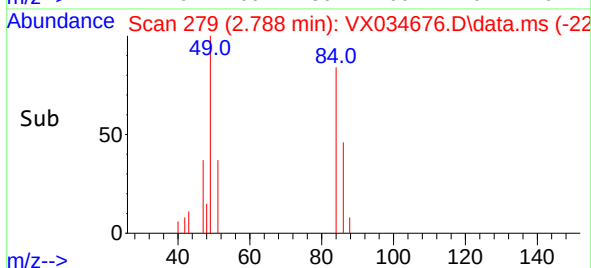
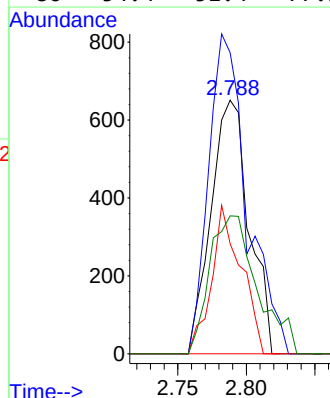
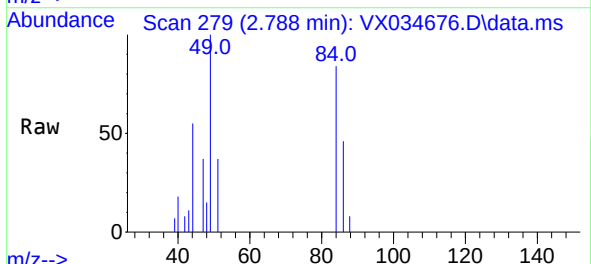
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

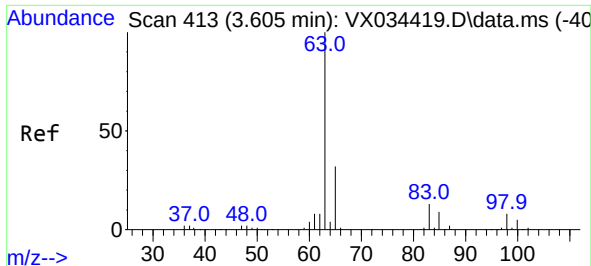
Tgt Ion: 43 Resp: 4704
Ion Ratio Lower Upper
43 100
74 18.5 18.3 27.5



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 84 Resp: 1262
Ion Ratio Lower Upper
84 100
49 118.7 103.8 155.8
51 43.5 31.8 47.8
86 54.4 51.4 77.2

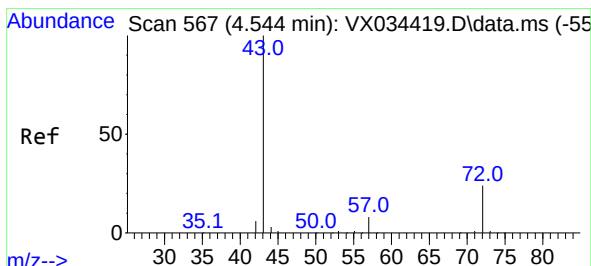
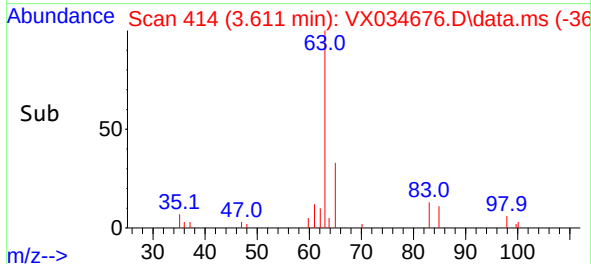
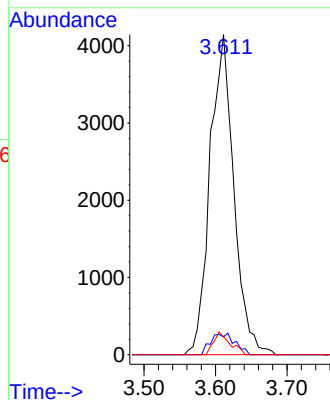
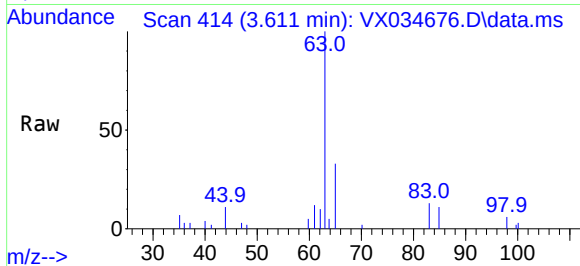




#24
1,1-Dichloroethane
Concen: 1.315 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

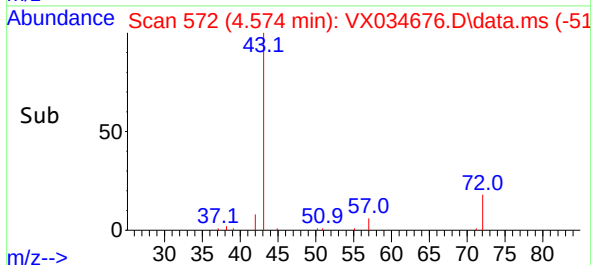
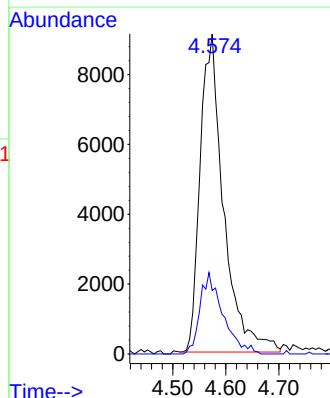
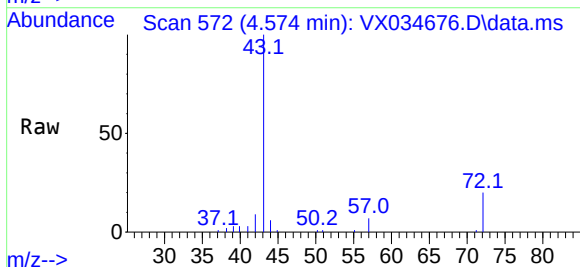
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

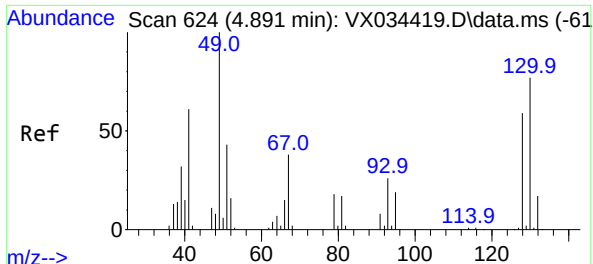
Tgt Ion: 63 Resp: 9619
Ion Ratio Lower Upper
63 100
98 5.6 3.8 11.2
100 5.6 2.4 7.1



#25
2-Butanone
Concen: 8.872 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.031 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 43 Resp: 27971
Ion Ratio Lower Upper
43 100
72 20.0 19.3 28.9

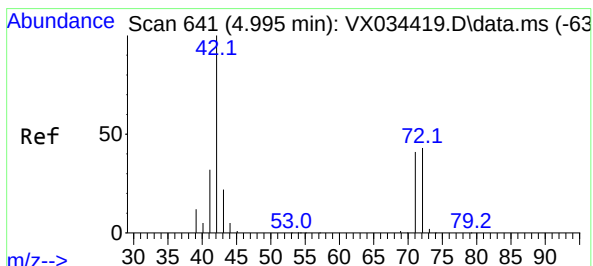
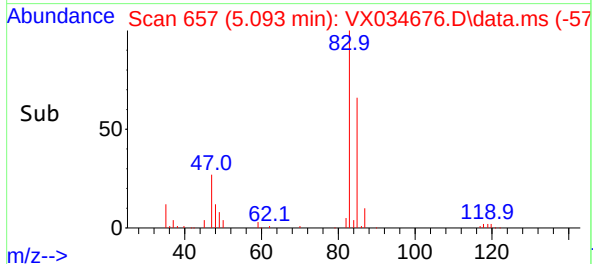
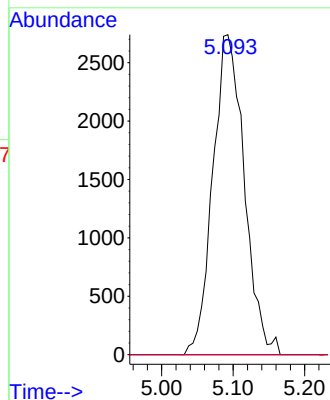
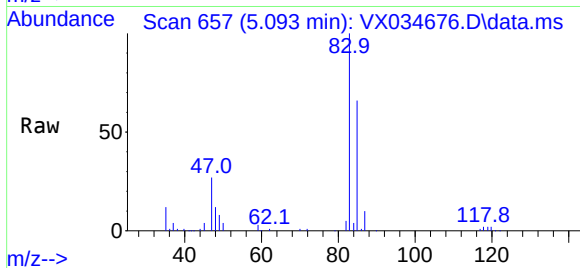




#28
Bromochloromethane
Concen: 2.460 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.201 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

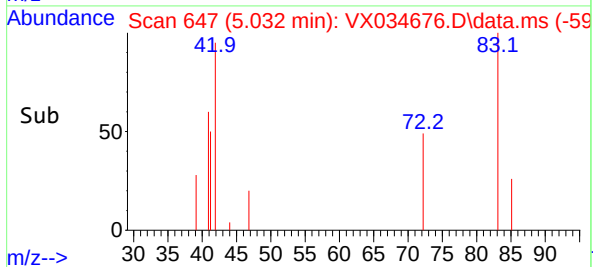
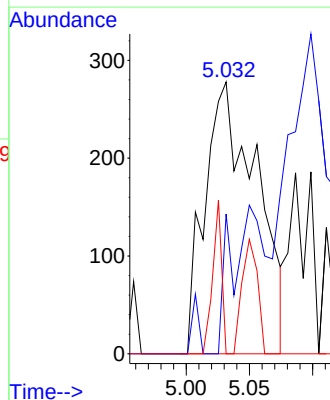
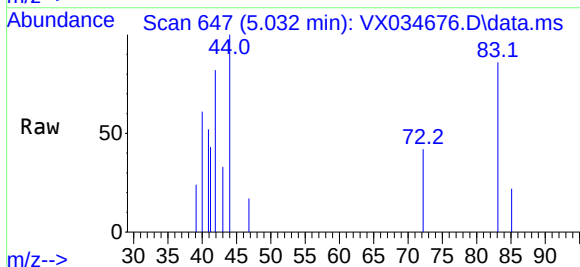
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

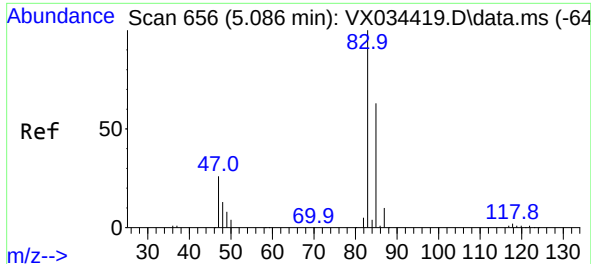
Tgt Ion: 49 Resp: 8365
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#



#29
Tetrahydrofuran
Concen: 0.406 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 42 Resp: 789
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 9.9 32.1 48.1#





#30

Chloroform

Concen: 13.766 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX034676.D

Acq: 22 Mar 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

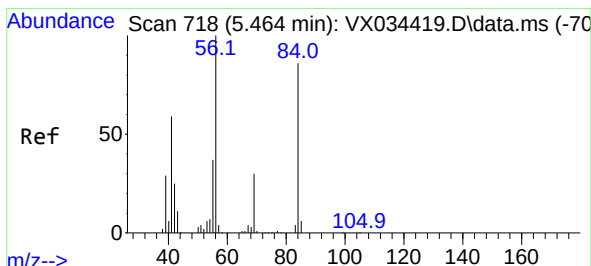
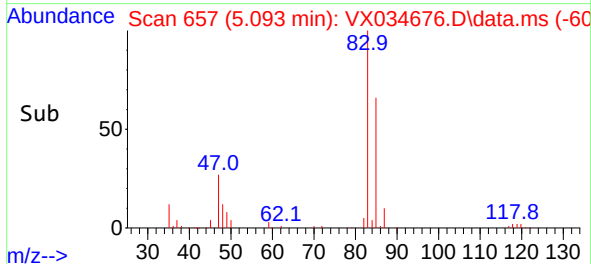
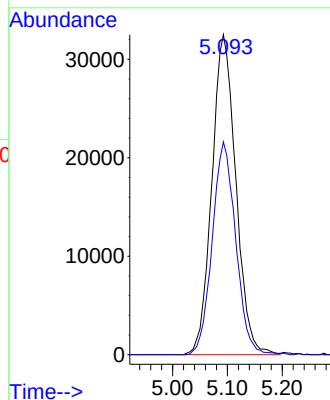
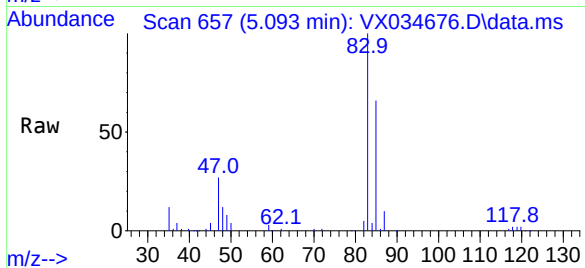
GW-CB05-30-35-032123

Tgt Ion: 83 Resp: 98695

Ion Ratio Lower Upper

83 100

85 66.5 50.6 76.0



#31

Cyclohexane

Concen: 1.207 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX034676.D

Acq: 22 Mar 2023 16:46

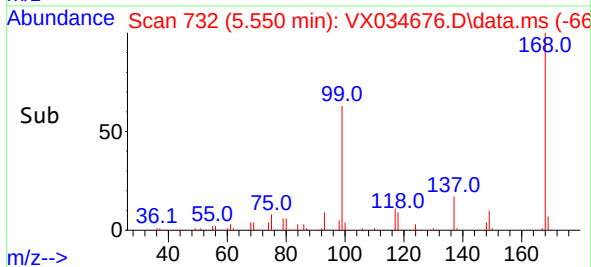
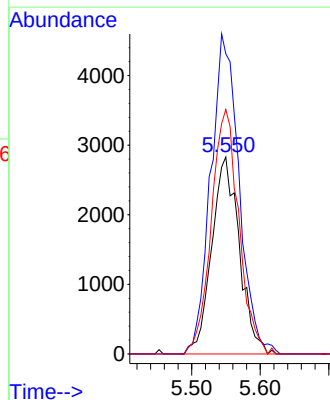
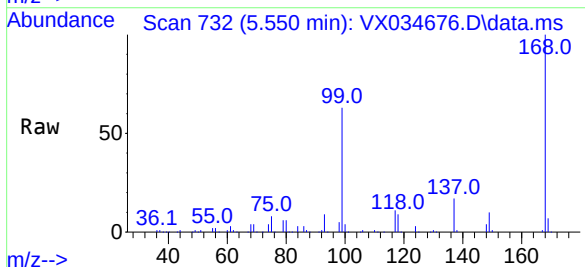
Tgt Ion: 56 Resp: 7918

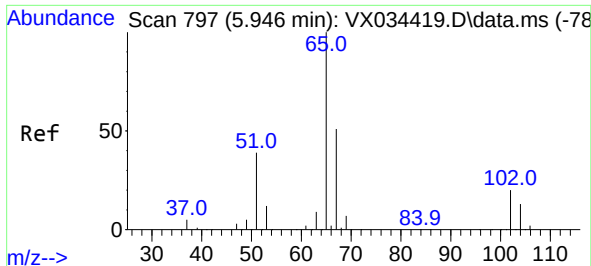
Ion Ratio Lower Upper

56 100

69 152.4 23.7 35.5#

84 124.1 68.5 102.7#

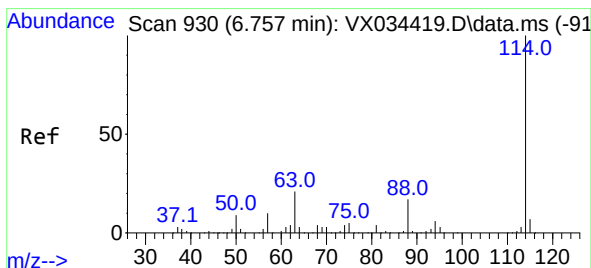
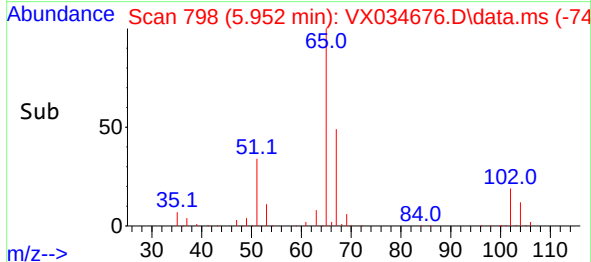
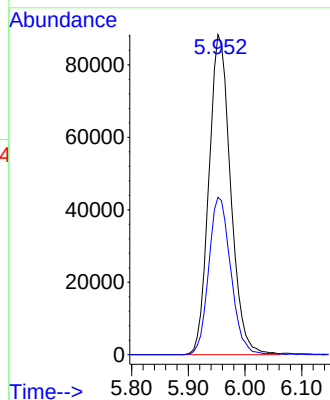
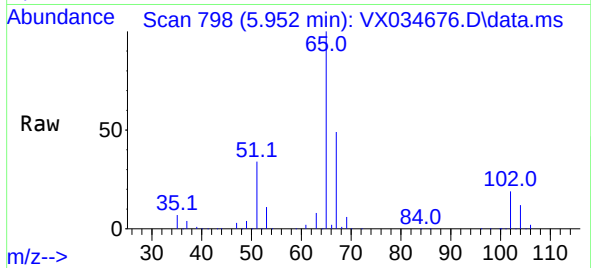




#33
1,2-Dichloroethane-d4
Concen: 50.290 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

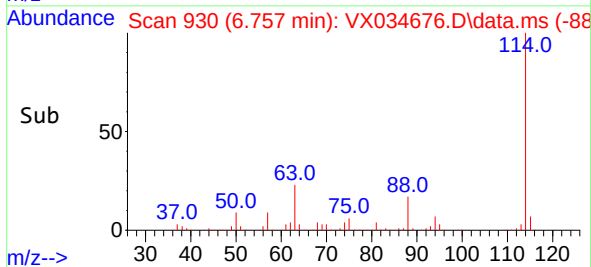
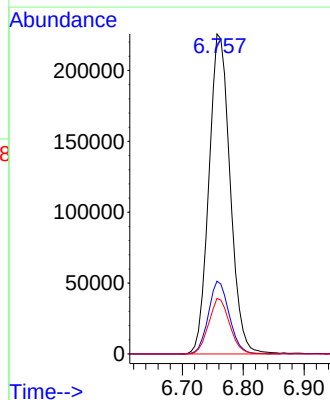
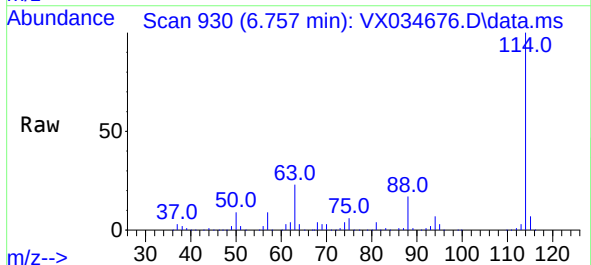
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

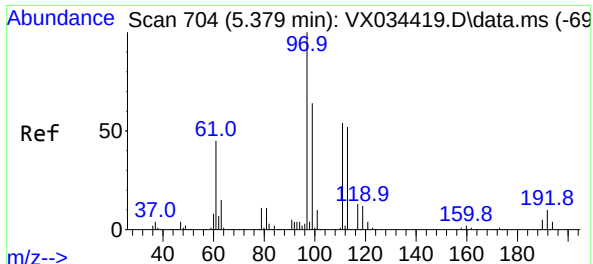
Tgt Ion: 65 Resp: 235240
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 114 Resp: 546077
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.2
88 17.3 0.0 33.2

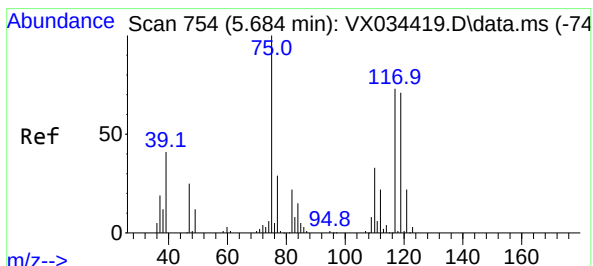
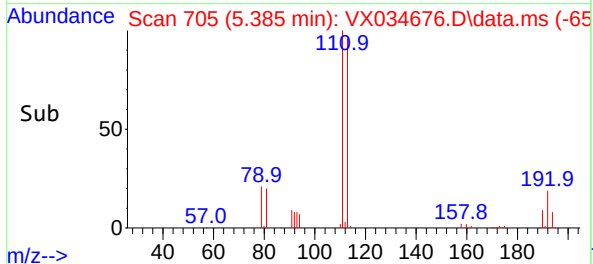
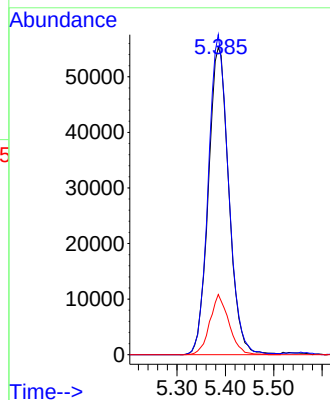
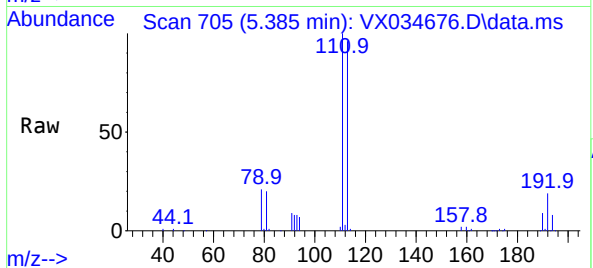




#35
Dibromofluoromethane
Concen: 45.077 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

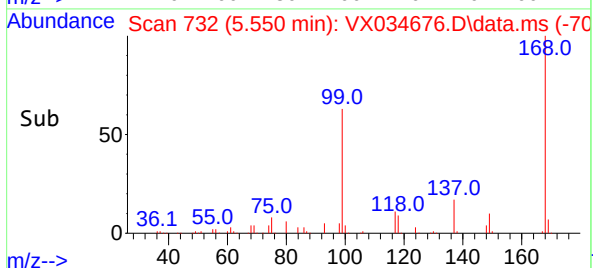
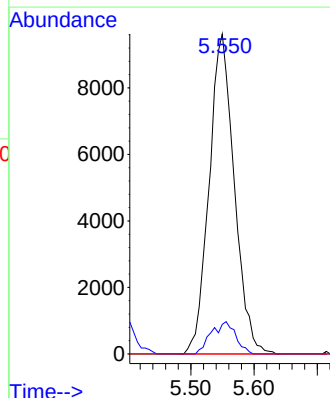
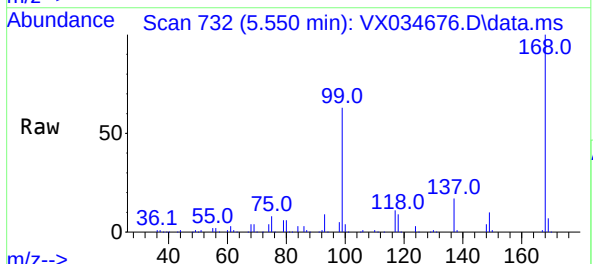
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

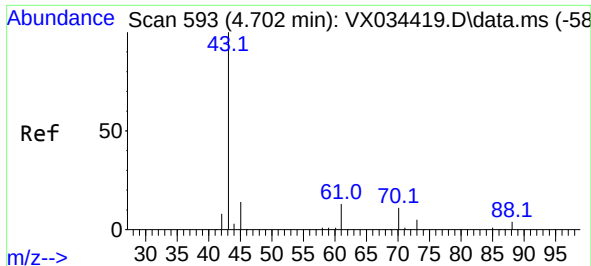
Tgt Ion:113 Resp: 162522
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 75 Resp: 26614
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 4.623 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.128 min

Lab File: VX034676.D

Acq: 22 Mar 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

GW-CB05-30-35-032123

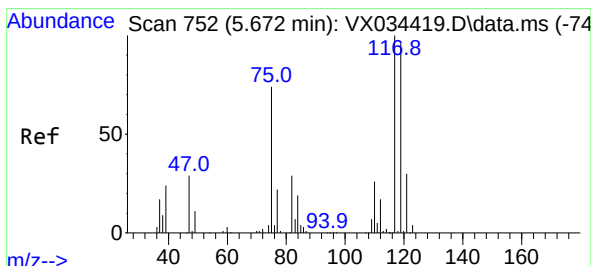
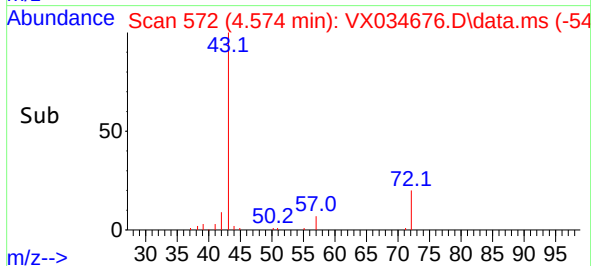
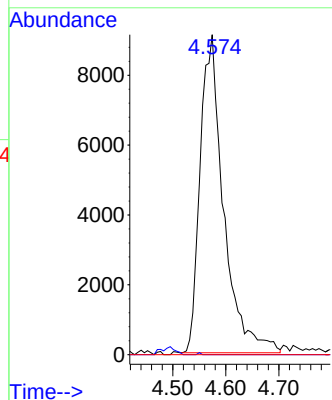
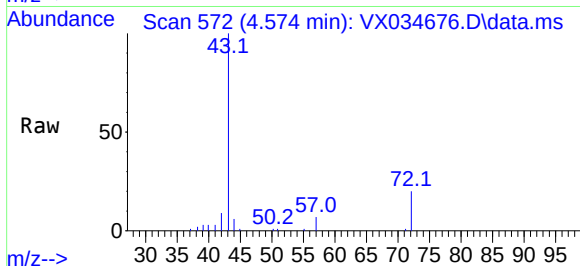
Tgt Ion: 43 Resp: 27971

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.458 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034676.D

Acq: 22 Mar 2023 16:46

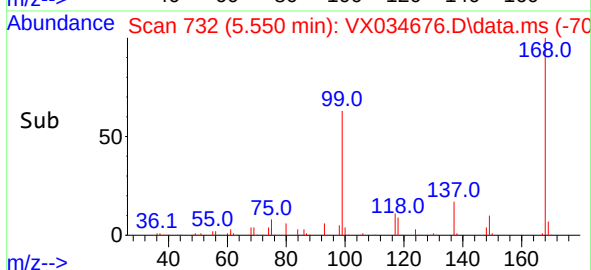
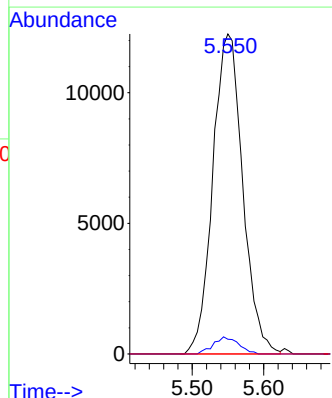
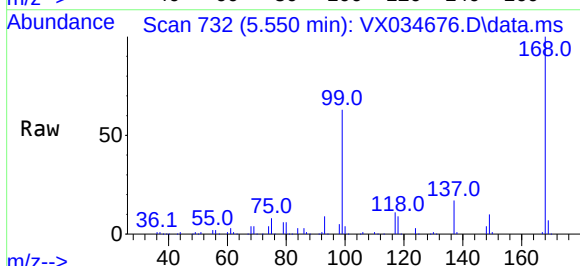
Tgt Ion: 117 Resp: 35577

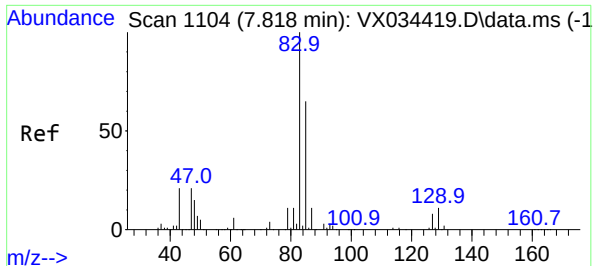
Ion Ratio Lower Upper

117 100

119 4.6 76.6 114.8#

121 0.0 23.8 35.6#

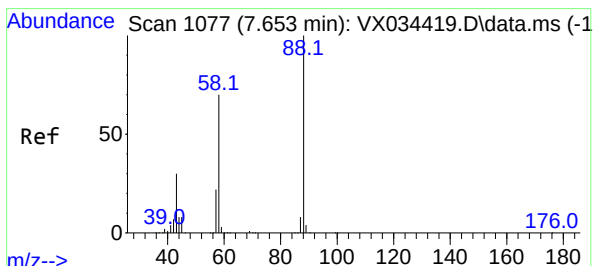
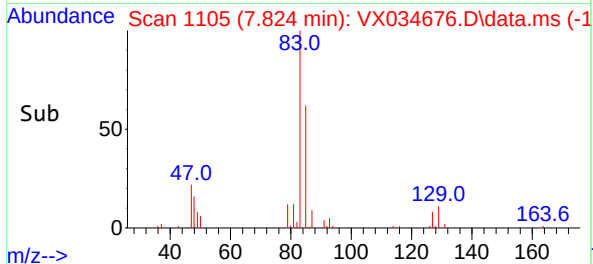
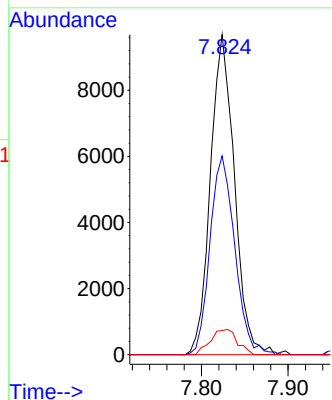
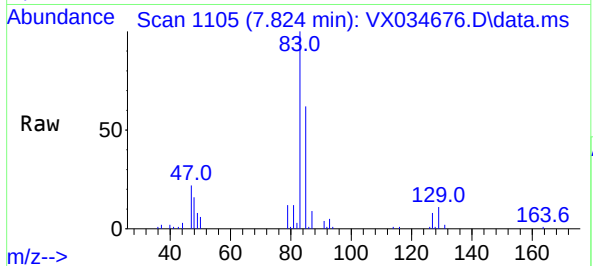




#47
Bromodichloromethane
Concen: 3.351 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

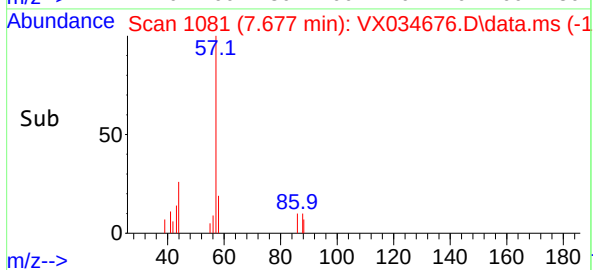
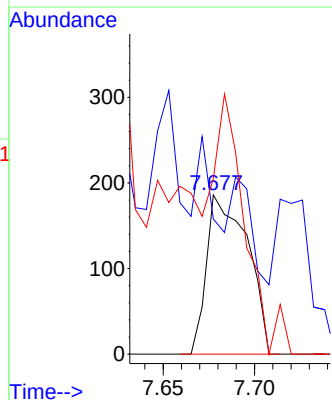
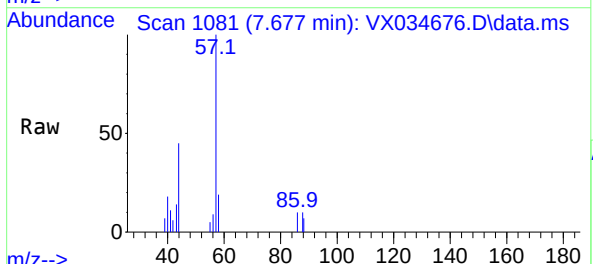
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

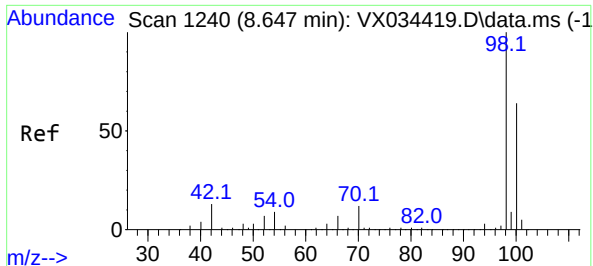
Tgt Ion: 83 Resp: 18650
Ion Ratio Lower Upper
83 100
85 62.1 52.2 78.4
127 7.5 6.6 9.8



#49
1,4-Dioxane
Concen: 2.782 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 88 Resp: 288
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 130.2 56.8 85.2#





#50

Toluene-d8

Concen: 45.856 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034676.D

Acq: 22 Mar 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

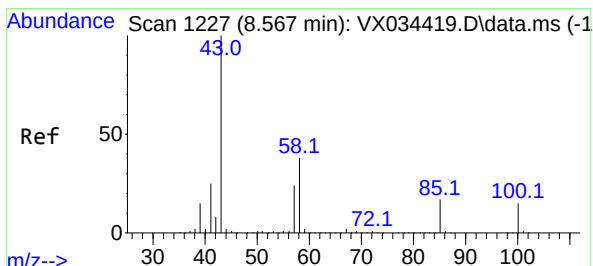
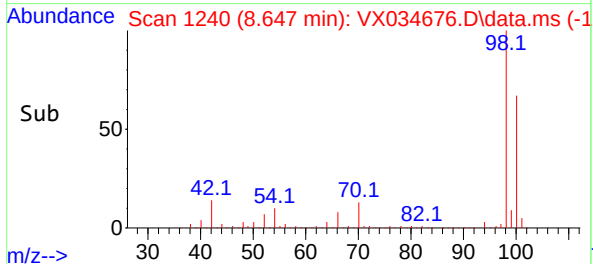
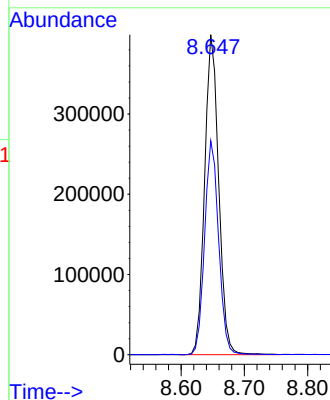
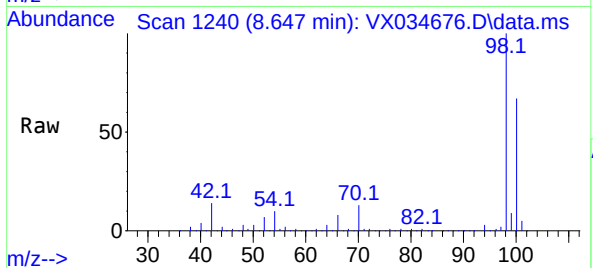
GW-CB05-30-35-032123

Tgt Ion: 98 Resp: 617195

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.627 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VX034676.D

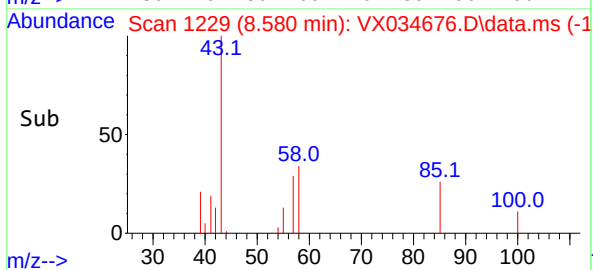
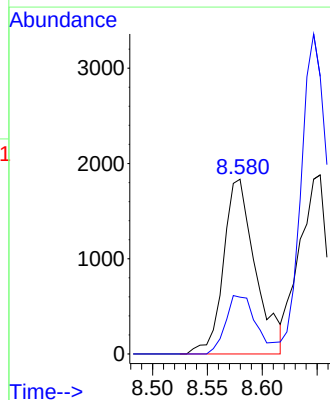
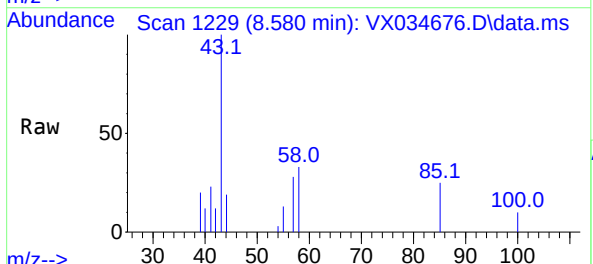
Acq: 22 Mar 2023 16:46

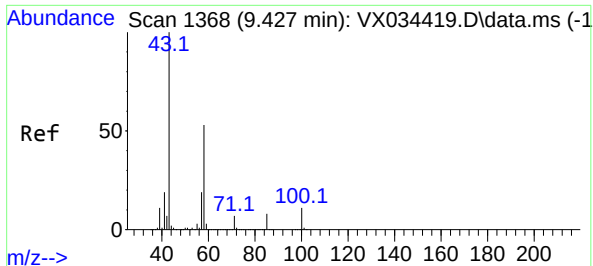
Tgt Ion: 43 Resp: 3730

Ion Ratio Lower Upper

43 100

58 31.6 30.6 46.0

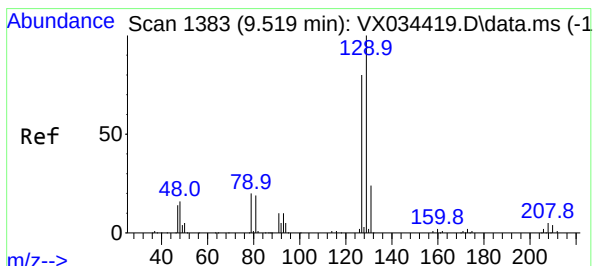
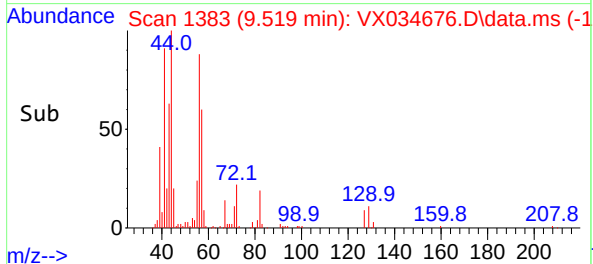
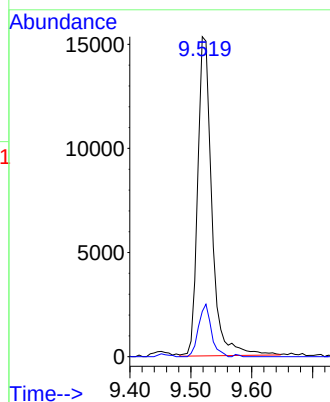
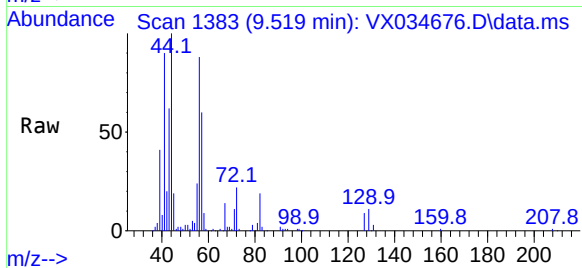




#59
2-Hexanone
Concen: 5.390 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.091 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

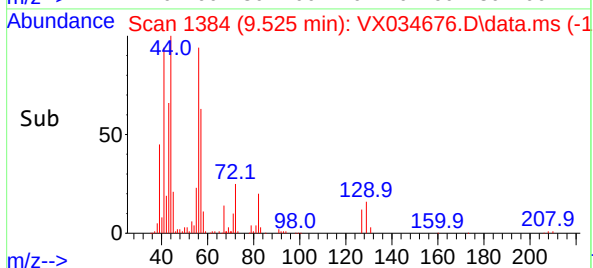
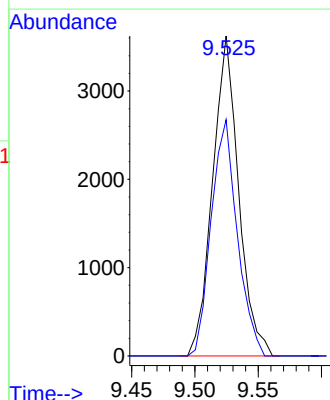
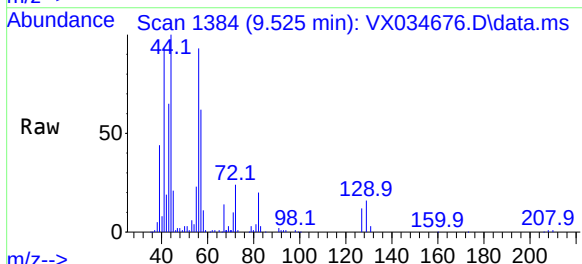
Instrument : MSVOA_X
ClientSampleId : GW-CB05-30-35-032123

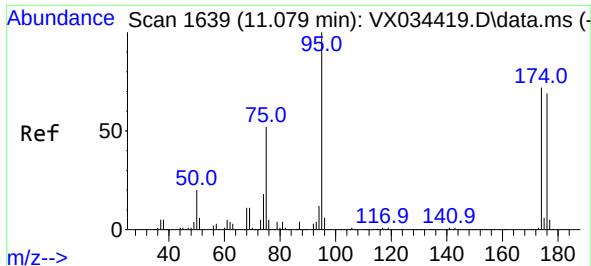
Tgt Ion: 43 Resp: 24771
Ion Ratio Lower Upper
43 100
58 14.8 26.3 78.9#



#60
Dibromochloromethane
Concen: 1.241 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 129 Resp: 5182
Ion Ratio Lower Upper
129 100
127 74.0 39.0 117.0

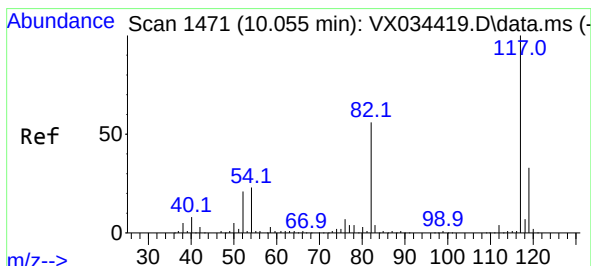
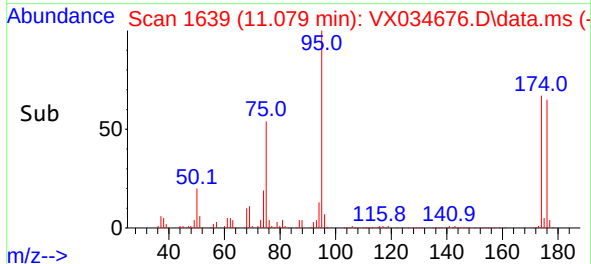
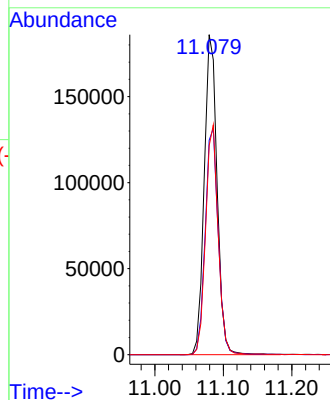
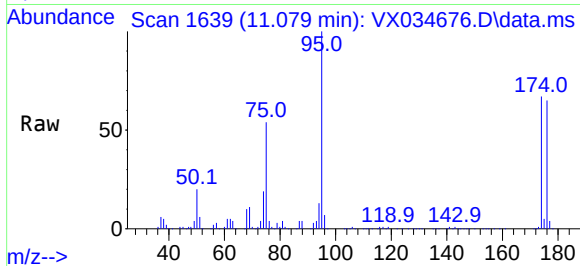




#62
4-Bromofluorobenzene
Concen: 44.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

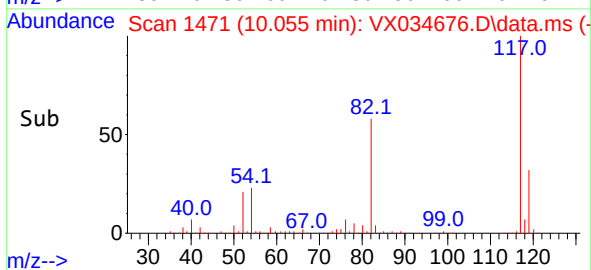
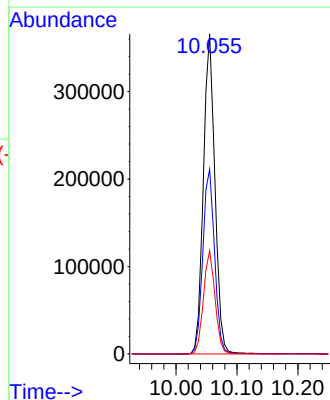
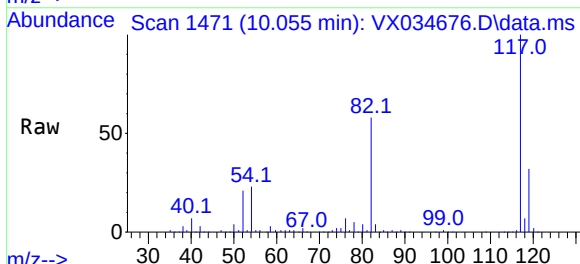
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

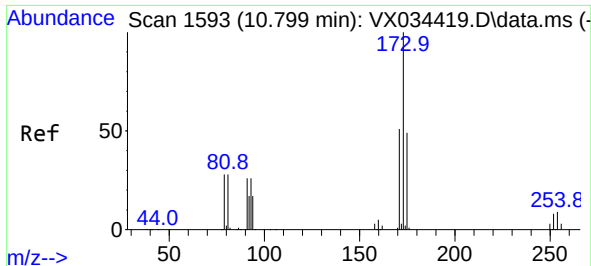
Tgt Ion: 95 Resp: 243290
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.4
176 70.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion: 117 Resp: 483575
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.3 26.0 39.0

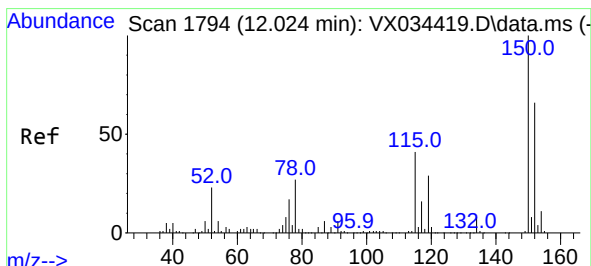
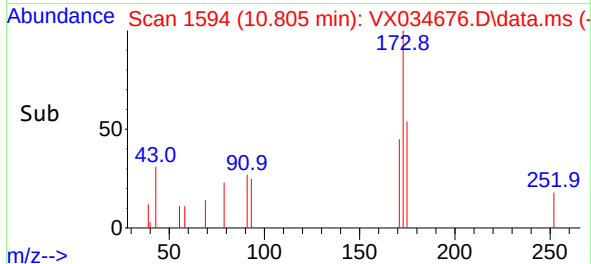
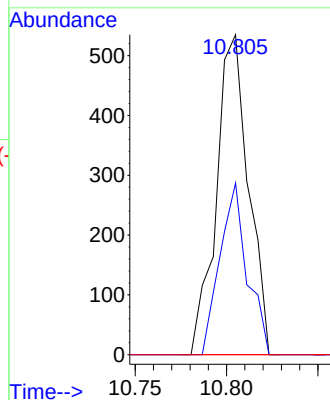
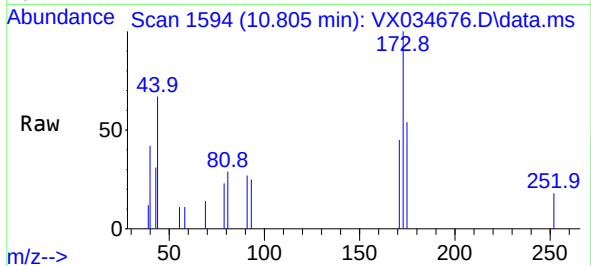




#71
Bromoform
Concen: 0.220 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

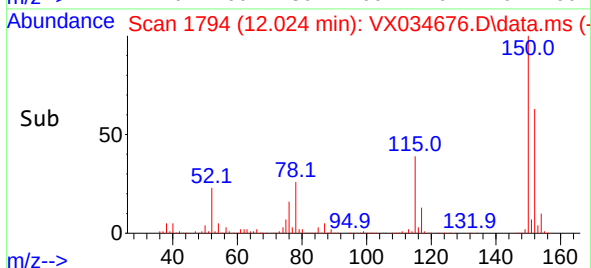
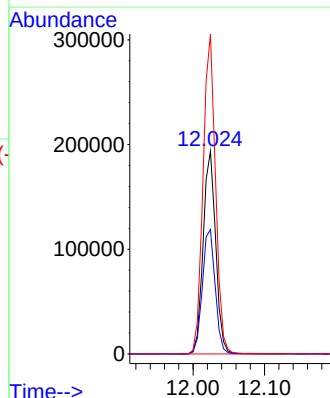
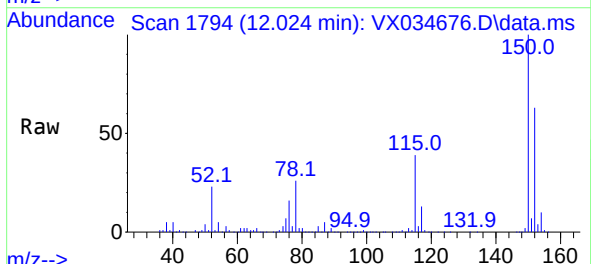
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

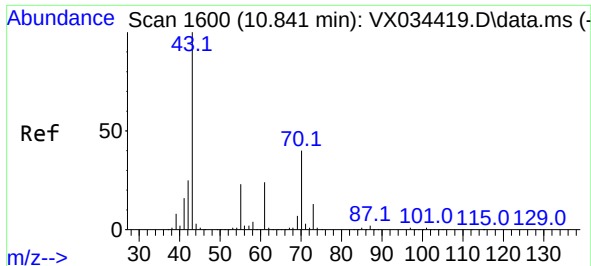
Tgt Ion:173 Resp: 655
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

Tgt Ion:152 Resp: 236650
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 156.8 0.0 352.4

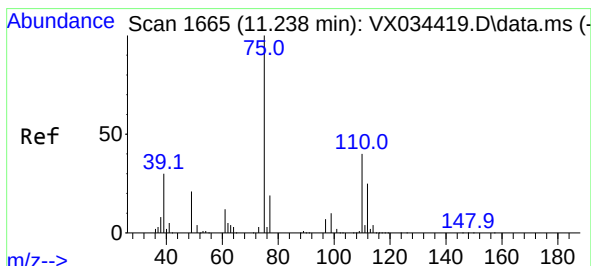
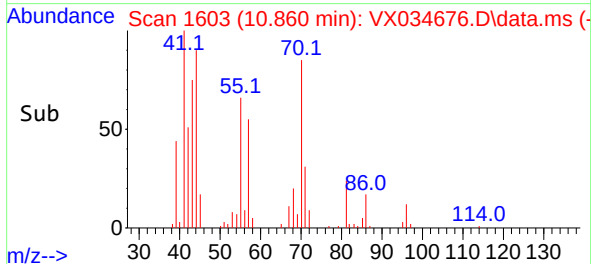
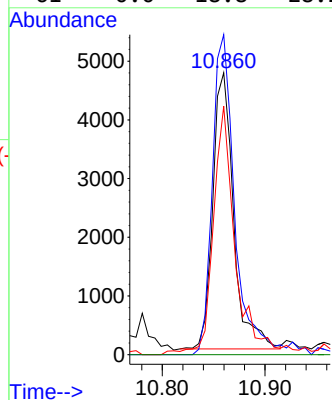
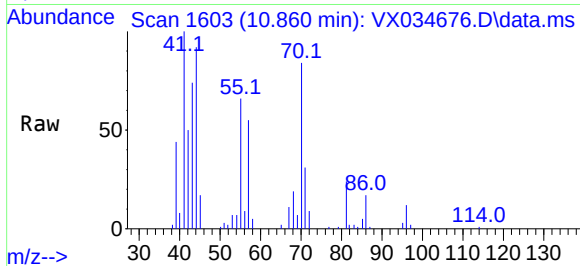




#74
N-amy1 acetate
Concen: 0.759 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

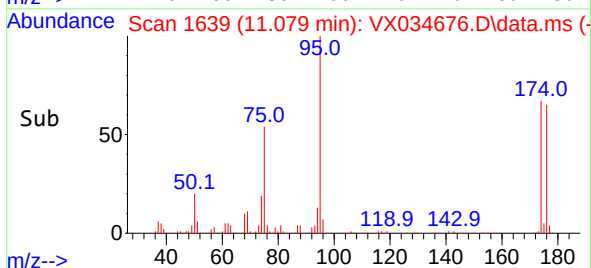
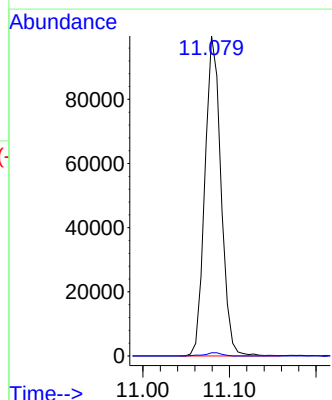
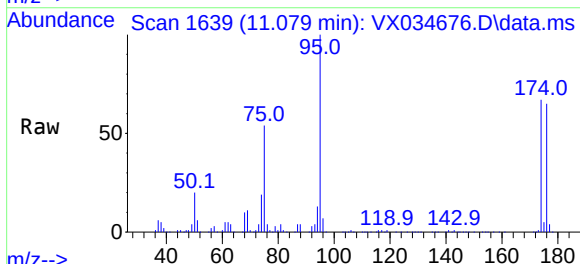
Instrument :
MSVOA_X
ClientSampleId :
GW-CB05-30-35-032123

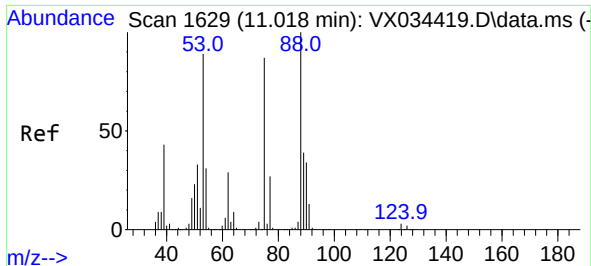
Tgt Ion:	43	Resp:	6652
Ion	Ratio	Lower	Upper
43	100		
70	124.4	32.1	48.1#
55	95.4	18.3	27.5#
61	0.0	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 23.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034676.D
Acq: 22 Mar 2023 16:46

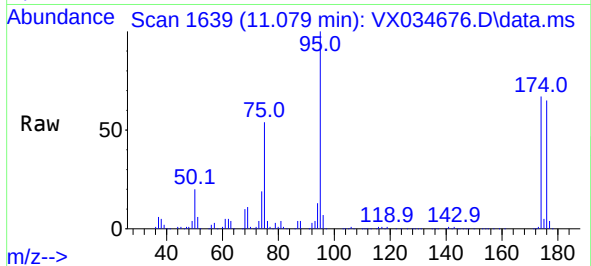
Tgt Ion:	75	Resp:	128880
Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.6	64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.165 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034676.D
 Acq: 22 Mar 2023 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-CB05-30-35-032123



Tgt Ion: 75 Resp: 128880
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

