

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034753.D
 Acq On : 27 Mar 2023 16:35
 Operator : JC/MD
 Sample : 02101-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWCB-05-85-90-032423

Quant Time: Mar 28 03:21:17 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)

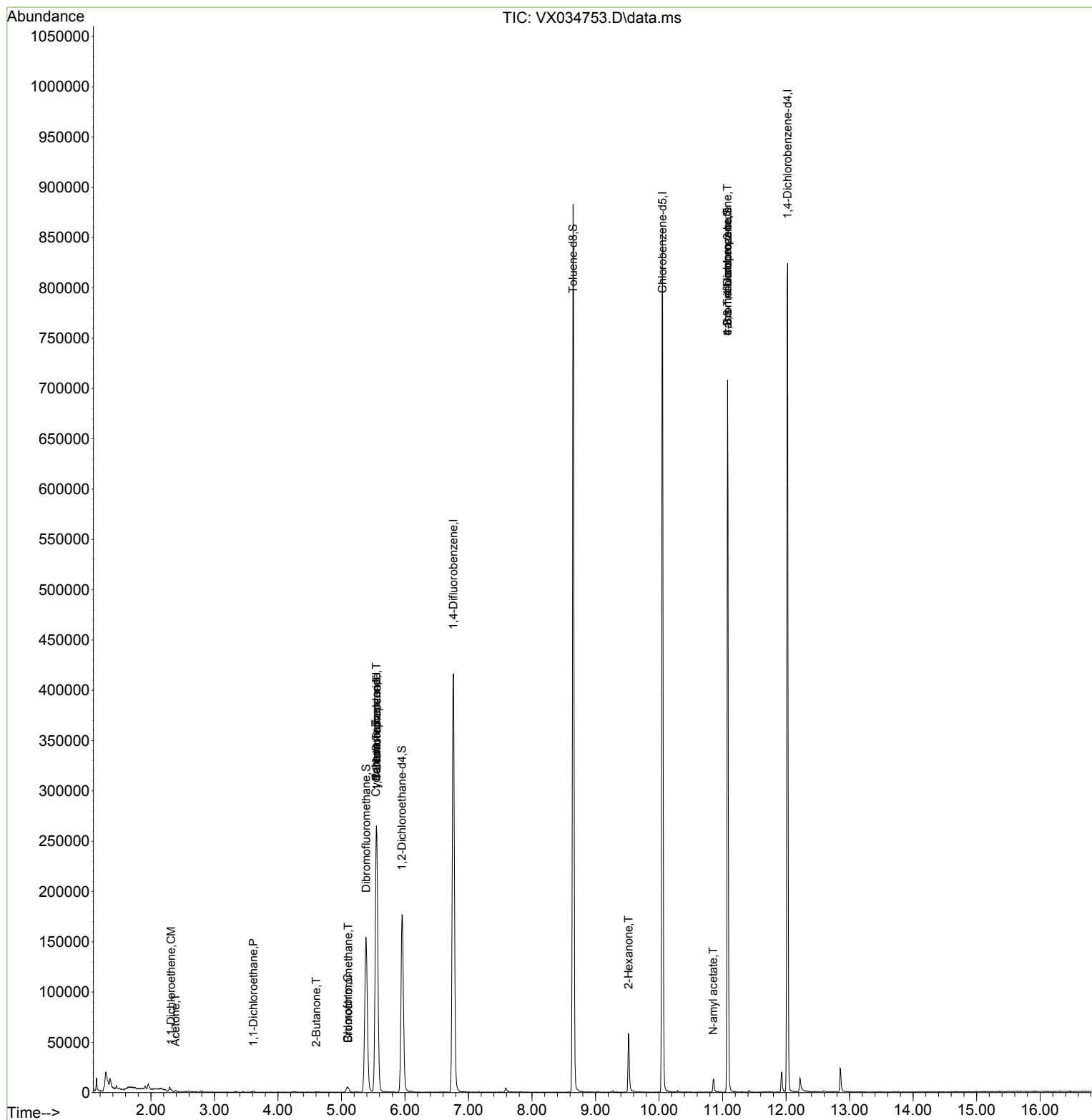
Internal Standards						
1) Pentafluorobenzene	5.550	168	252201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166838	45.472	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.940%
35) Dibromofluoromethane	5.385	113	131366	46.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	510707	48.507	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	183231	43.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1383	Below Cal	#	75
12) 1,1-Dichloroethene	2.319	96	602	0.218	ug/l #	92
16) Acetone	2.386	43	1869	1.081	ug/l	97
24) 1,1-Dichloroethane	3.611	63	1579	0.275	ug/l #	81
25) 2-Butanone	4.605	43	629	0.254	ug/l	100
28) Bromochloromethane	5.105	49	564	0.211	ug/l #	15
30) Chloroform	5.099	83	6130	1.090	ug/l	99
31) Cyclohexane	5.544	56	5838	1.135	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	20358	4.700	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26057	6.047	ug/l #	16
59) 2-Hexanone	9.519	43	8928	2.483	ug/l #	51
74) N-amyl acetate	10.854	43	2080	0.336	ug/l #	4
76) 1,2,3-Trichloropropane	11.079	75	96368	25.115	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	96368	67.945	ug/l #	8

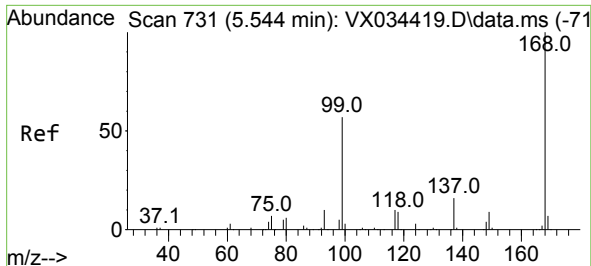
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

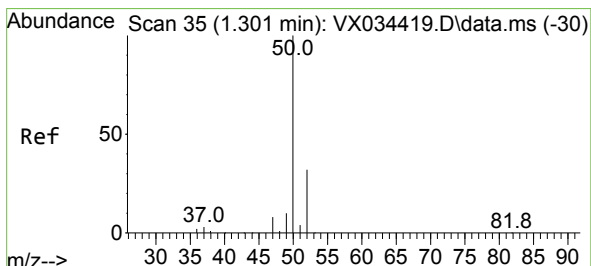
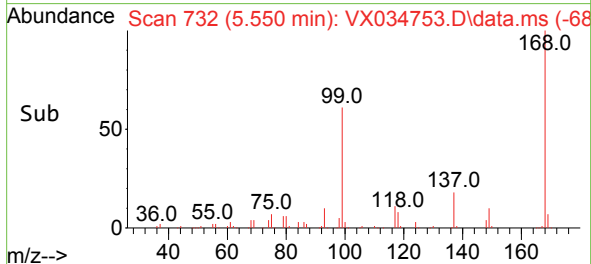
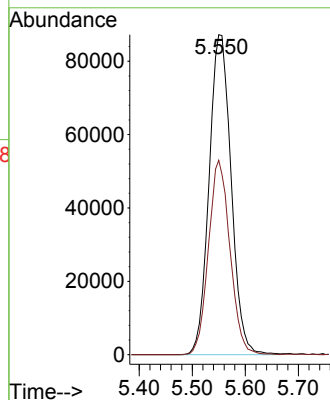
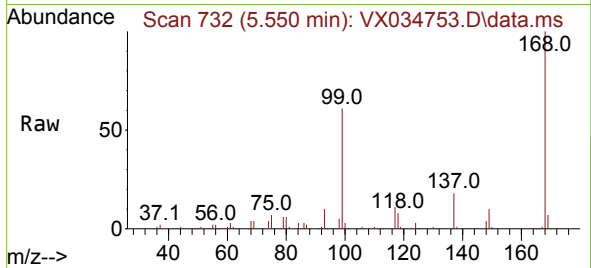




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

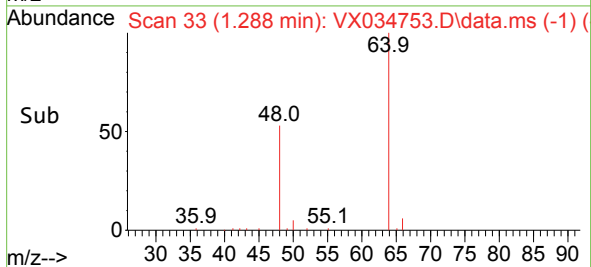
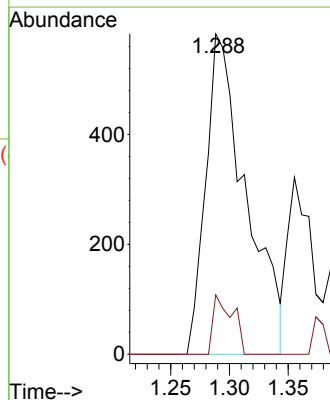
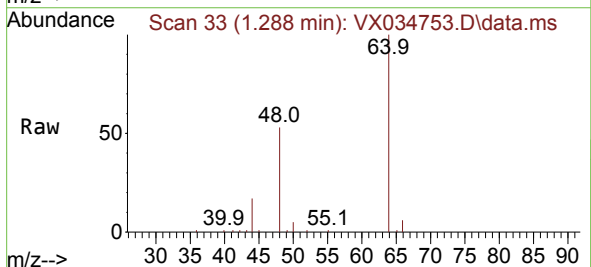
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

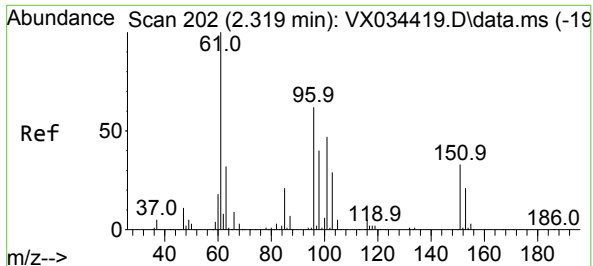
Tgt Ion:168 Resp: 252201
Ion Ratio Lower Upper
168 100
99 60.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

Tgt Ion: 50 Resp: 1383
Ion Ratio Lower Upper
50 100
52 18.5 25.9 38.9#

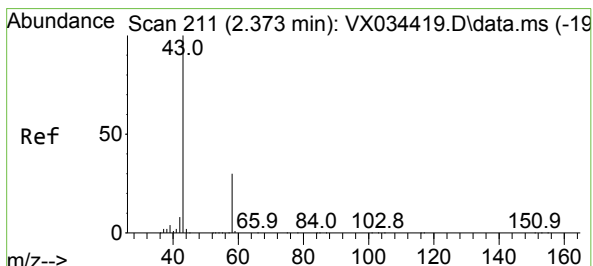
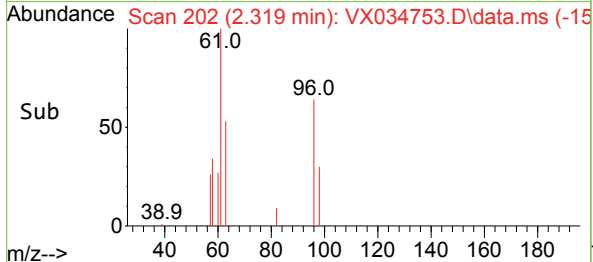
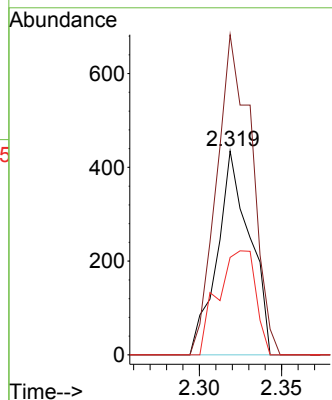
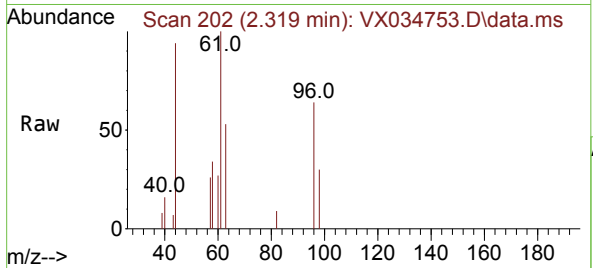




#12
1,1-Dichloroethene
Concen: 0.218 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

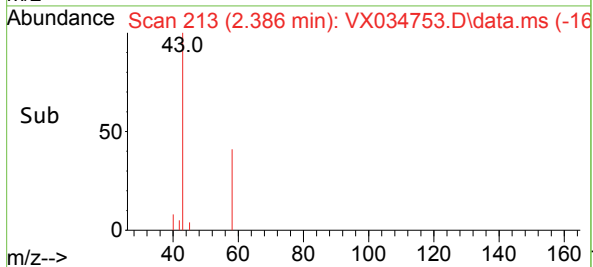
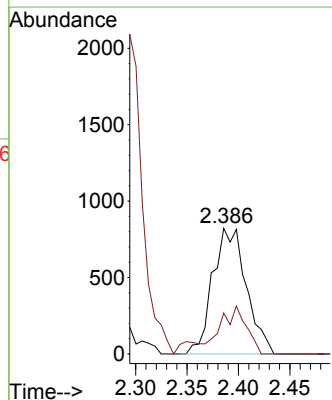
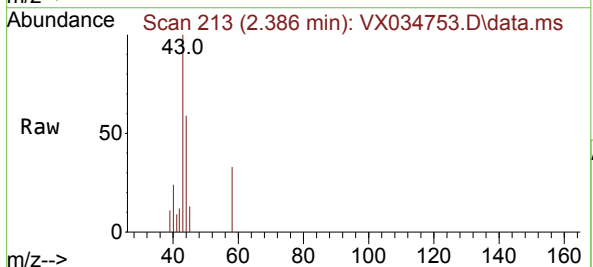
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

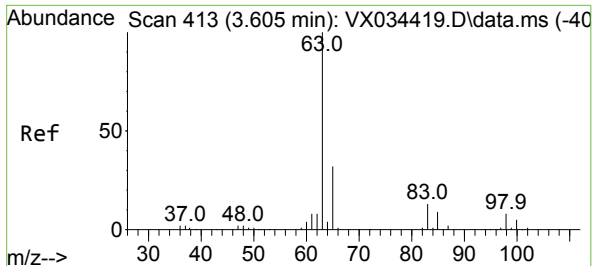
Tgt Ion: 96 Resp: 602
Ion Ratio Lower Upper
96 100
61 157.0 128.8 193.2
98 47.8 51.4 77.0#



#16
Acetone
Concen: 1.081 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 32.6 24.7 37.1





#24

1,1-Dichloroethane

Concen: 0.275 ug/l

RT: 3.611 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX034753.D

Acq: 27 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

GWCB-05-85-90-032423

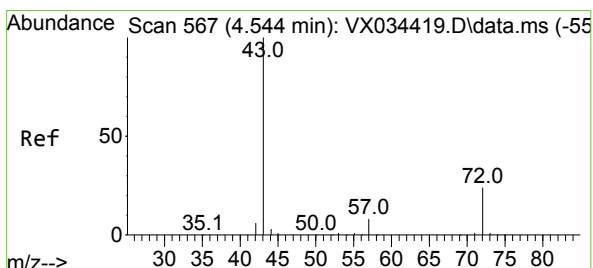
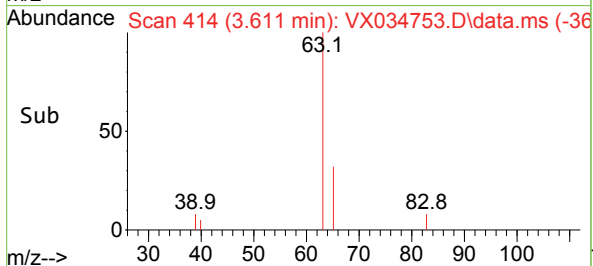
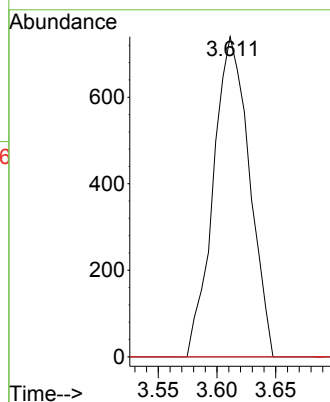
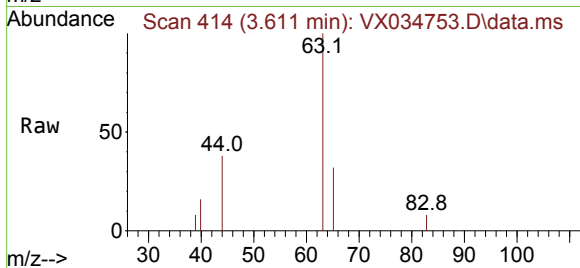
Tgt Ion: 63 Resp: 1579

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.4 7.1#



#25

2-Butanone

Concen: 0.254 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.061 min

Lab File: VX034753.D

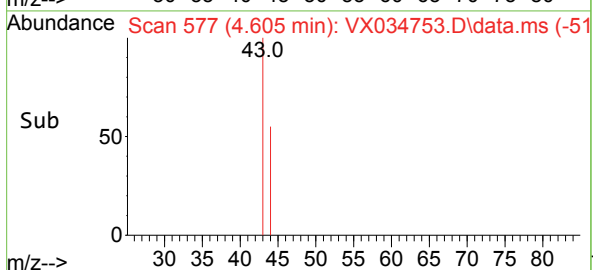
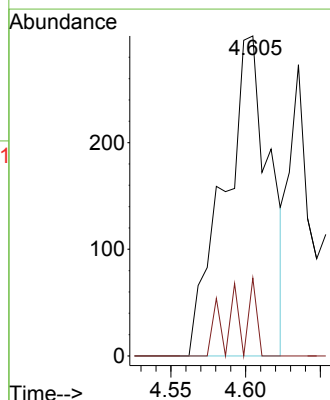
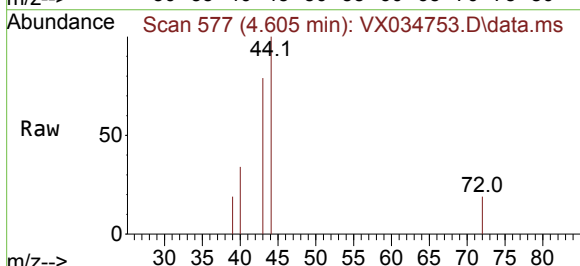
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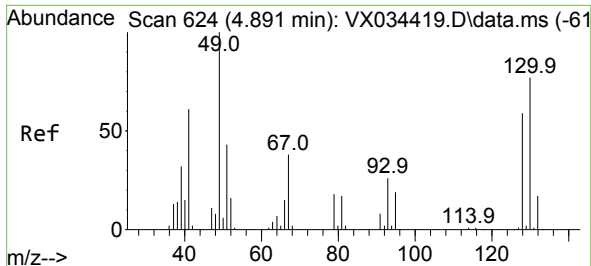
Tgt Ion: 43 Resp: 629

Ion Ratio Lower Upper

43 100

72 24.3 19.3 28.9

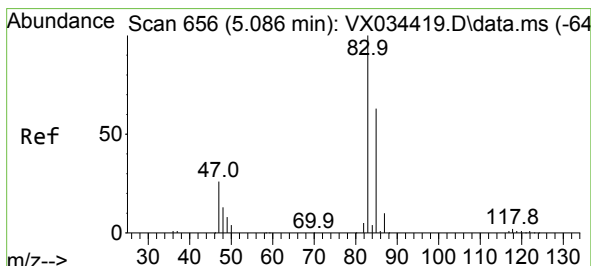
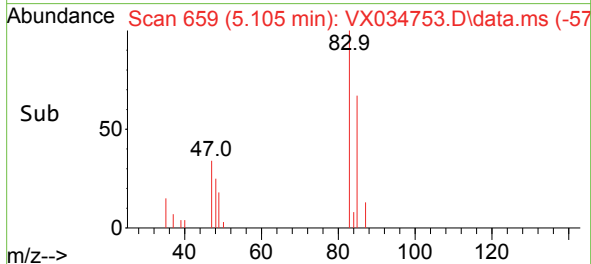
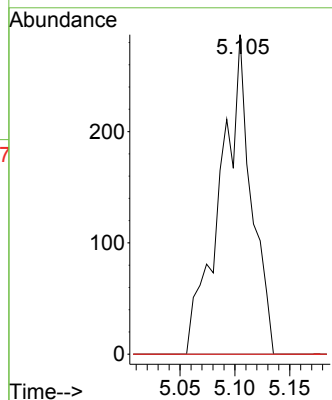
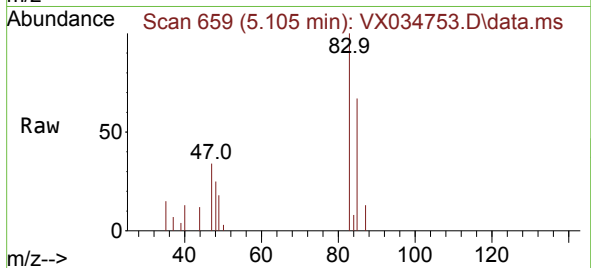




#28
Bromochloromethane
Concen: 0.211 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.213 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

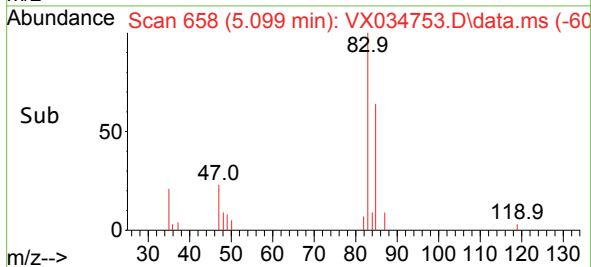
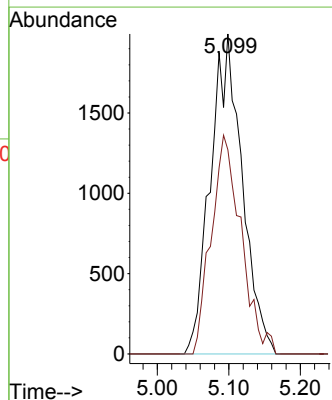
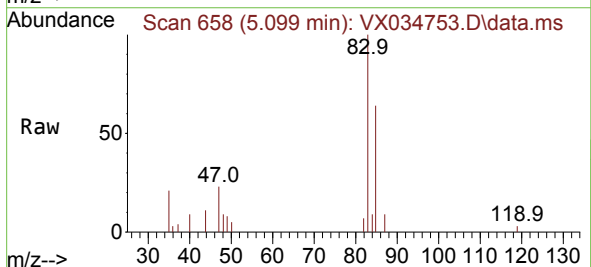
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

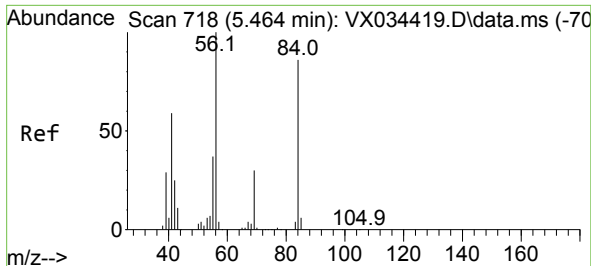
Tgt Ion: 49 Resp: 564
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#



#30
Chloroform
Concen: 1.090 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

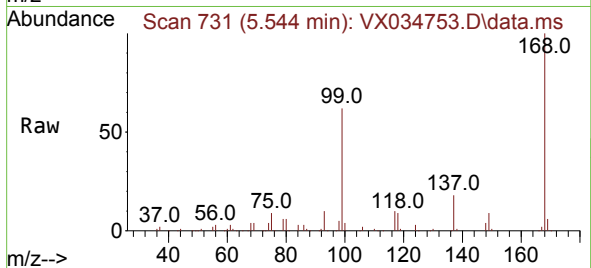
Tgt Ion: 83 Resp: 6130
Ion Ratio Lower Upper
83 100
85 63.8 50.6 76.0



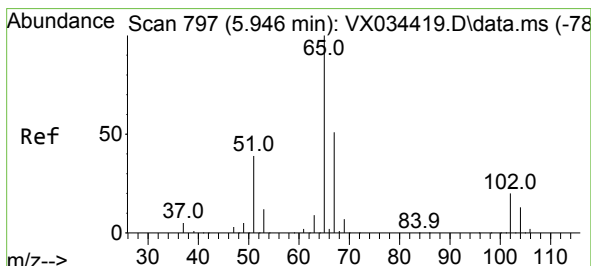
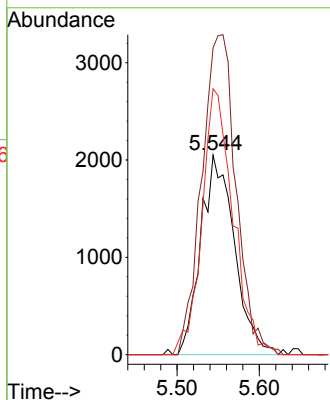
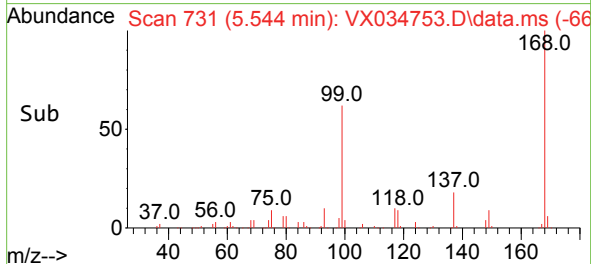


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

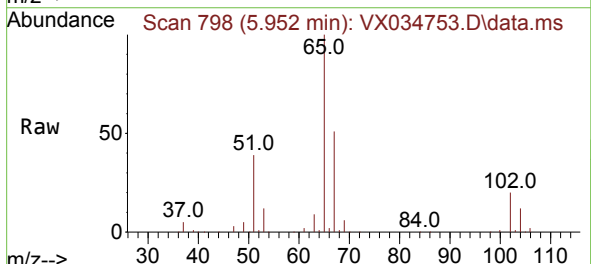
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423



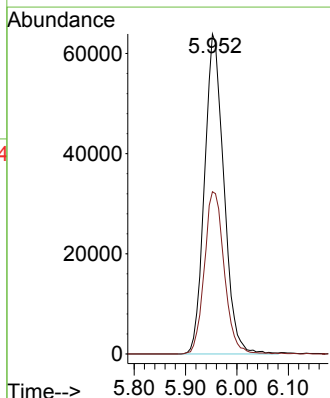
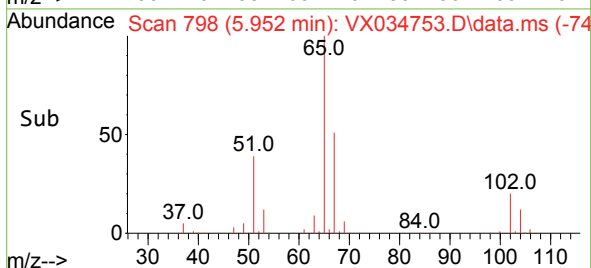
Tgt Ion: 56 Resp: 5838
Ion Ratio Lower Upper
56 100
69 153.9 23.7 35.5#
84 133.3 68.5 102.7#

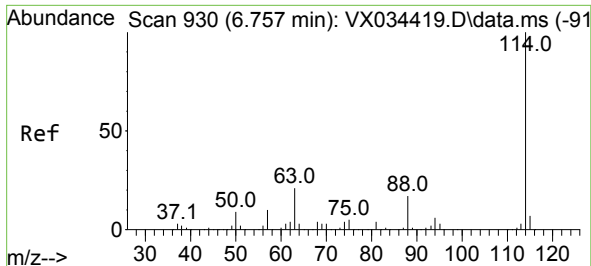


#33
1,2-Dichloroethane-d4
Concen: 45.472 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35



Tgt Ion: 65 Resp: 166838
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

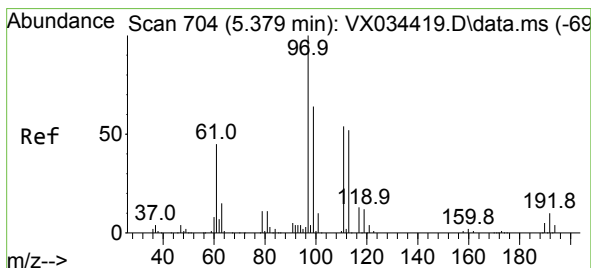
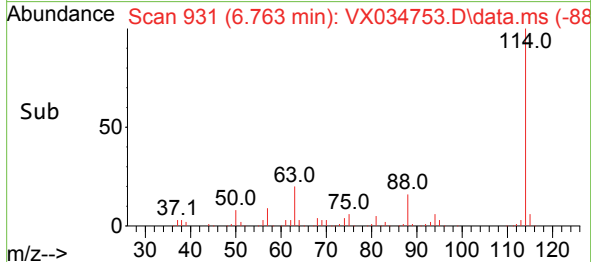
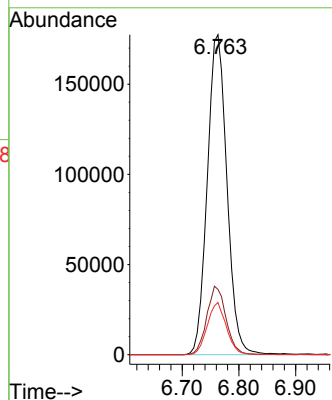
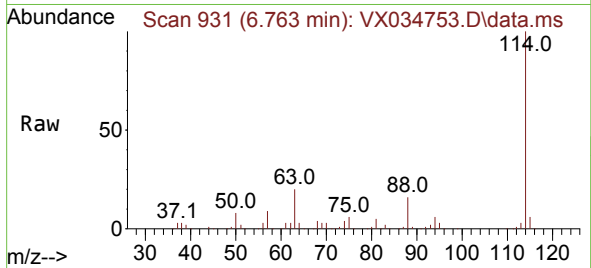




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

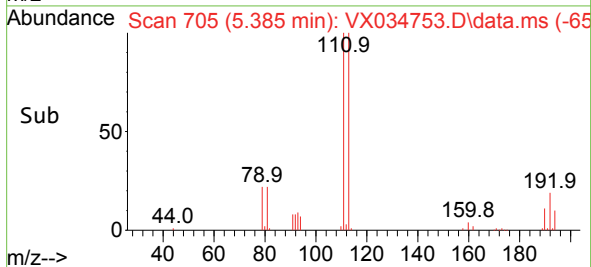
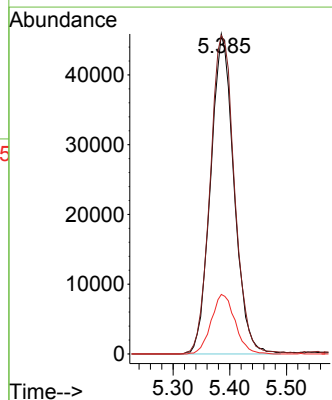
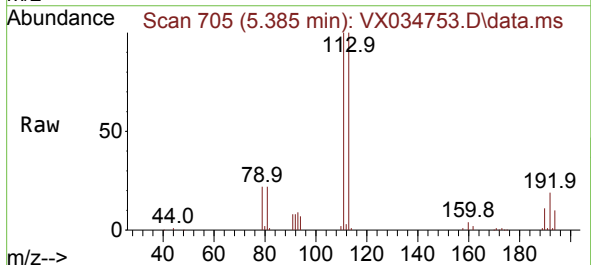
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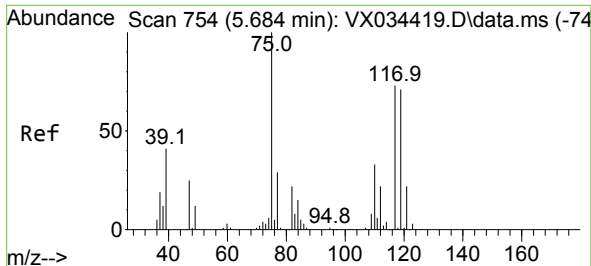
Tgt Ion:114 Resp: 427161
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.578 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

Tgt Ion:113 Resp: 131366
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 19.0 15.4 23.2

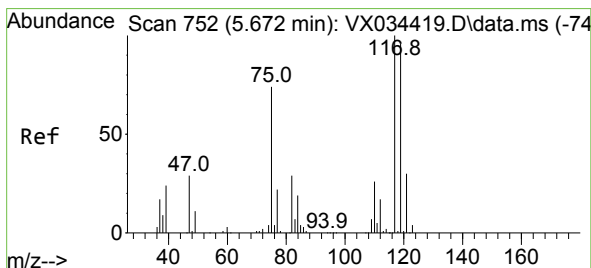
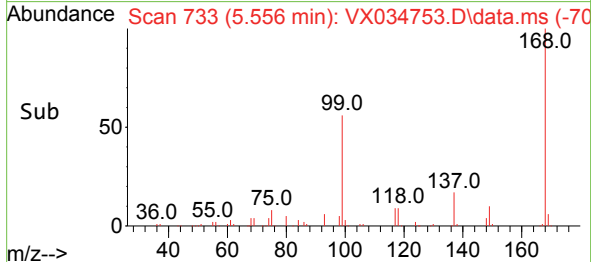
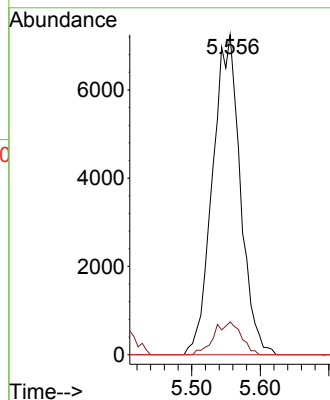
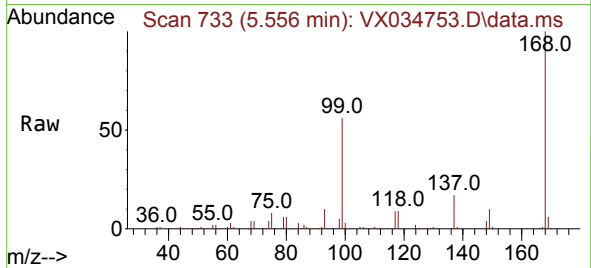




#36
1,1-Dichloropropene
Concen: 4.700 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

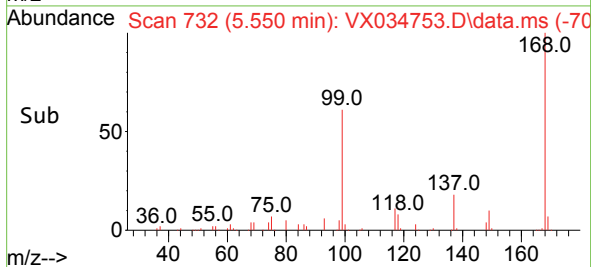
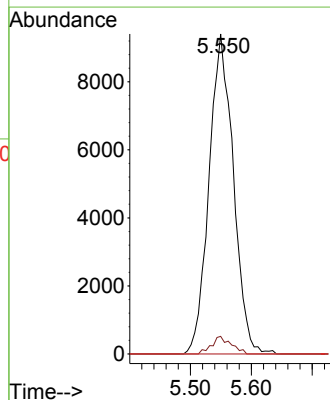
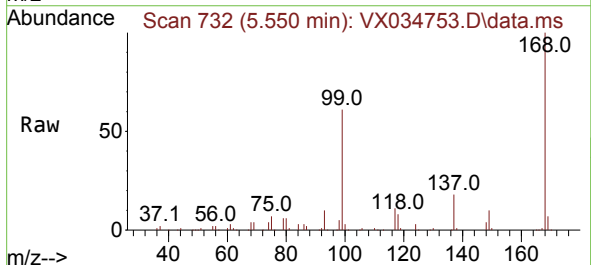
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

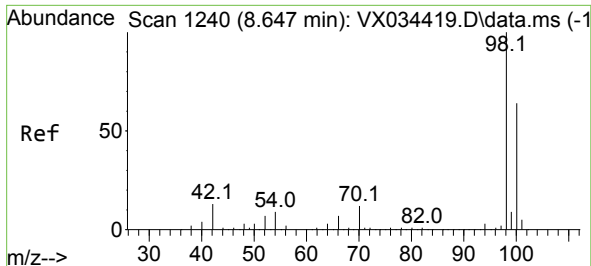
Tgt Ion: 75 Resp: 20358
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.047 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

Tgt Ion: 117 Resp: 26057
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#

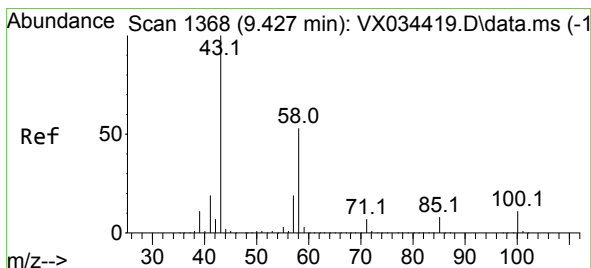
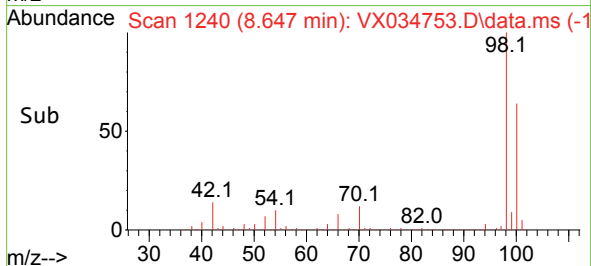
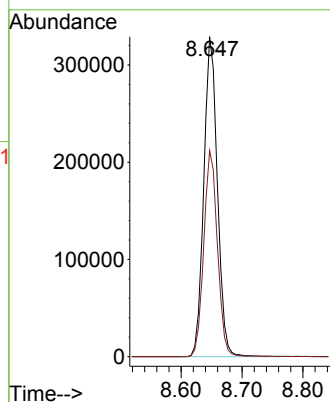
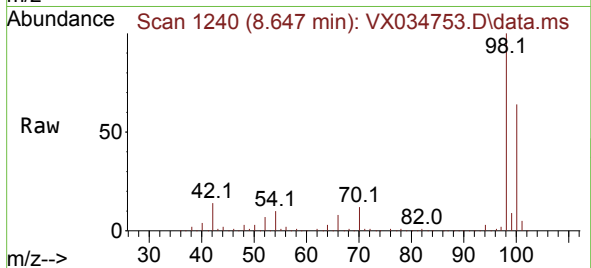




#50
Toluene-d8
Concen: 48.507 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

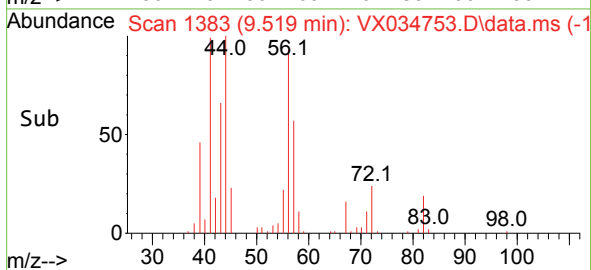
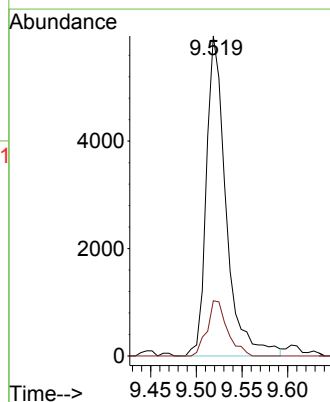
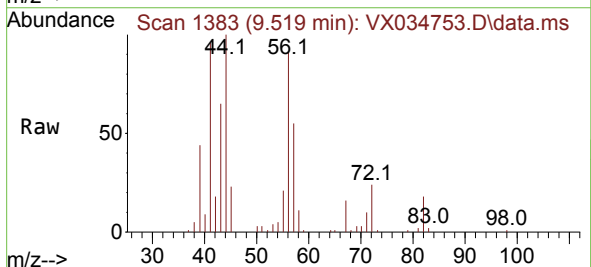
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

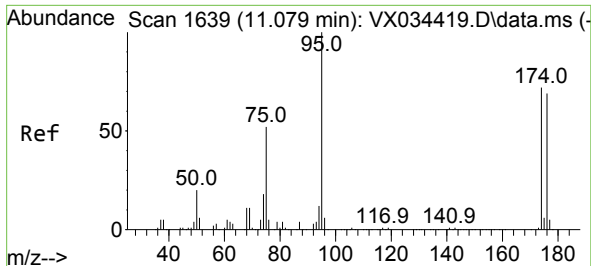
Tgt Ion: 98 Resp: 510707
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#59
2-Hexanone
Concen: 2.483 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.091 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

Tgt Ion: 43 Resp: 8928
Ion Ratio Lower Upper
43 100
58 17.7 26.3 78.9#

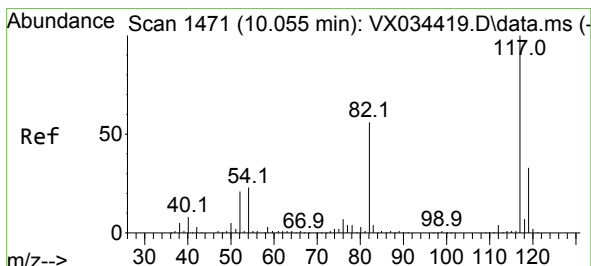
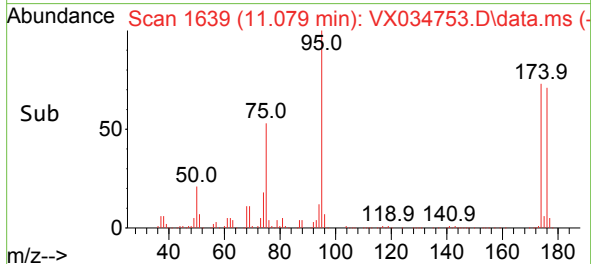
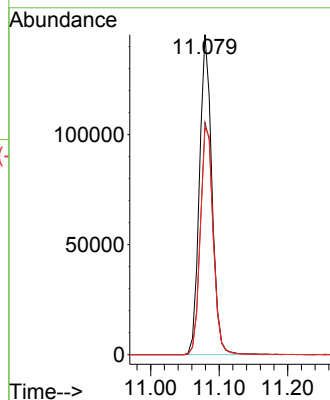
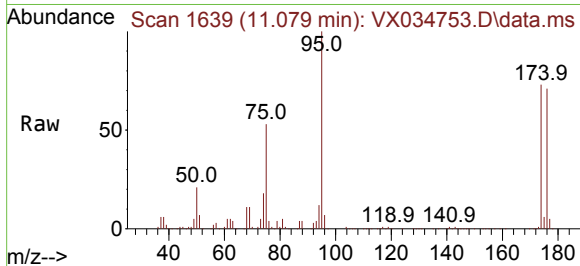




#62
4-Bromofluorobenzene
Concen: 43.086 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

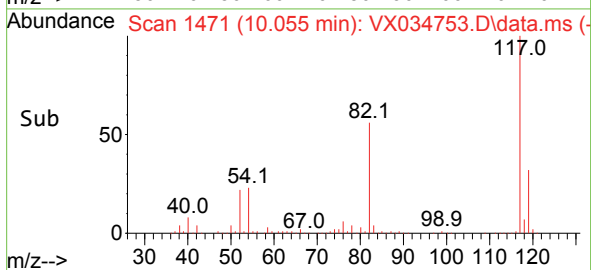
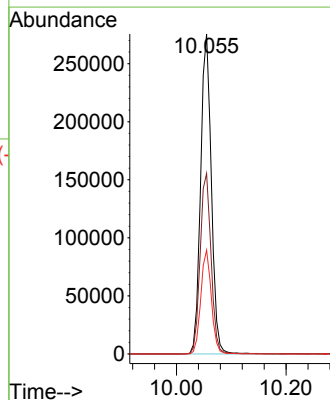
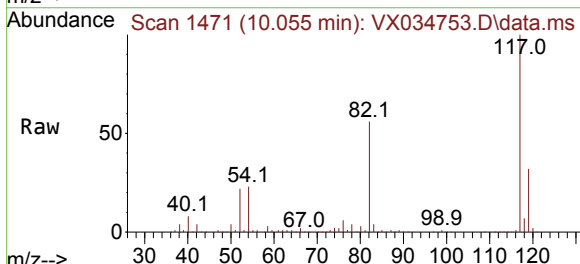
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

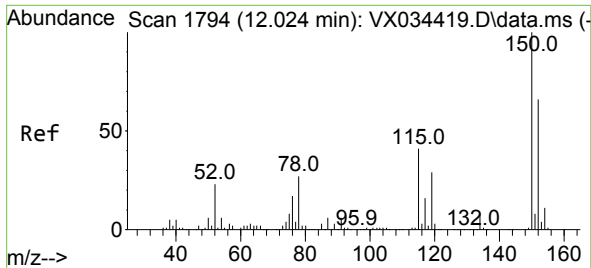
Tgt Ion: 95 Resp: 183231
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 73.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

Tgt Ion: 117 Resp: 375080
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.5 26.0 39.0

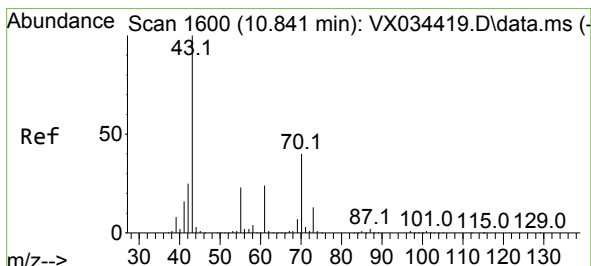
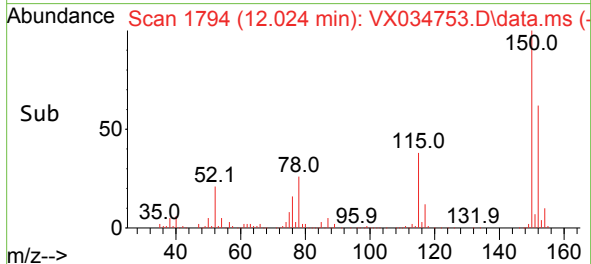
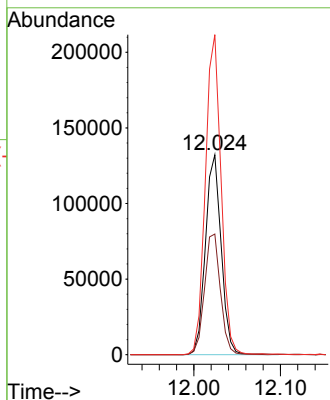
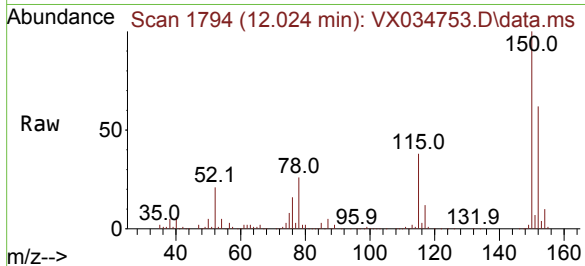




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

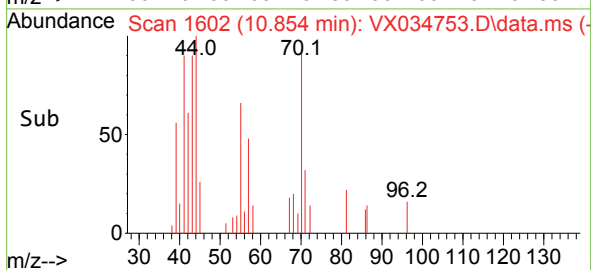
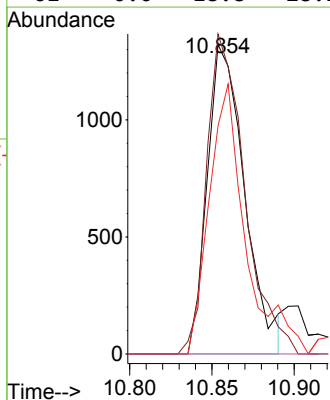
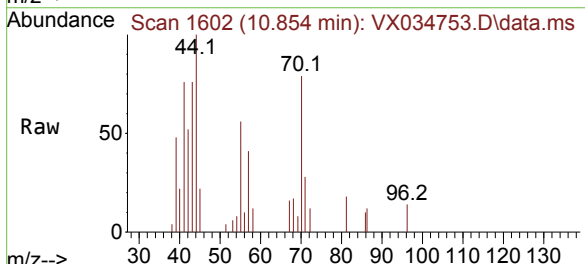
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

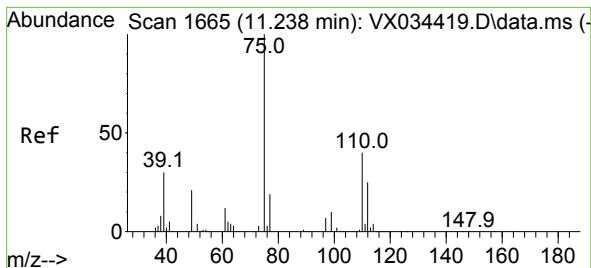
Tgt Ion:152 Resp: 167108
Ion Ratio Lower Upper
152 100
115 61.1 45.0 135.0
150 158.8 0.0 352.4



#74
N-ethyl acetate
Concen: 0.336 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

Tgt Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
70 105.3 32.1 48.1#
55 85.1 18.3 27.5#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 25.115 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034753.D

Acq: 27 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

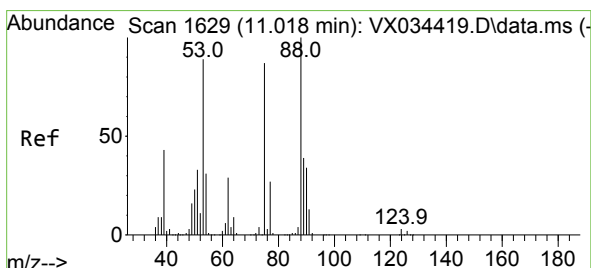
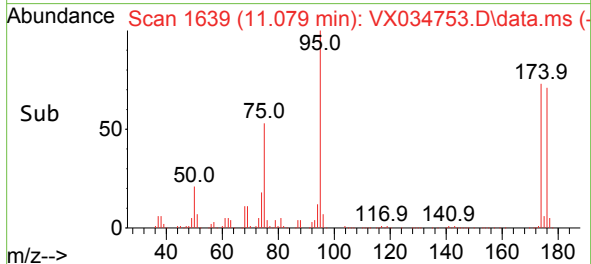
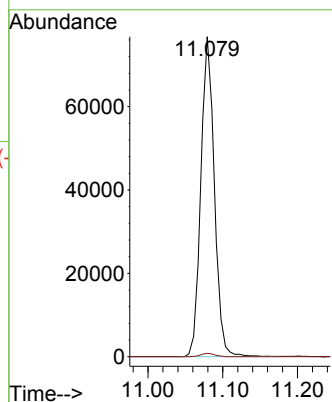
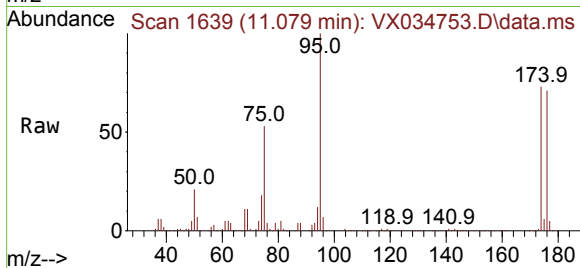
GWCB-05-85-90-032423

Tgt Ion: 75 Resp: 96368

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.945 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034753.D

Acq: 27 Mar 2023 16:35

Tgt Ion: 75 Resp: 96368

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.1 36.9 55.3#

