

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023199.D
 Acq On : 08 Jul 2021 15:05
 Operator : JC/MD
 Sample : M2953-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR3-070621

Quant Time: Jul 09 02:11:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

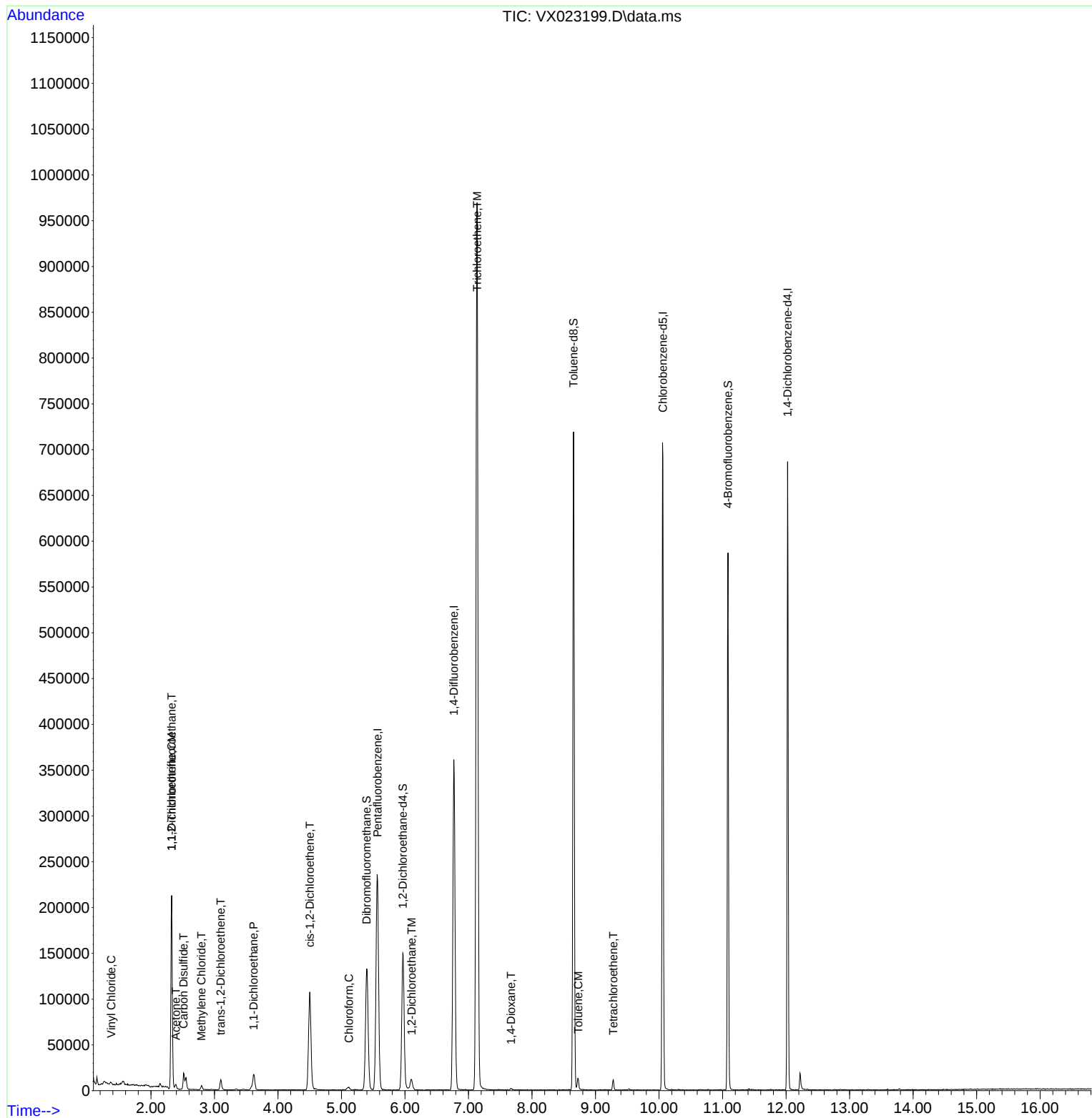
Internal Standards						
1) Pentafluorobenzene	5.568	168	217068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	363360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	325959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149999	51.415	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.840%	
35) Dibromofluoromethane	5.397	113	113829	48.512	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.020%	
50) Toluene-d8	8.653	98	428533	48.960	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.085	95	157250	46.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.080%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.373	62	733	0.356	ug/l #	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	1226	0.585	ug/l	97
12) 1,1-Dichloroethene	2.325	96	67064	34.659	ug/l	93
16) Acetone	2.392	43	5842	5.061	ug/l #	88
17) Carbon Disulfide	2.514	76	21185	5.191	ug/l	97
20) Methylene Chloride	2.794	84	1960	0.789	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	4374	2.093	ug/l	97
24) 1,1-Dichloroethane	3.617	63	18174	4.538	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	66411	26.237	ug/l	92
30) Chloroform	5.117	83	3717	0.859	ug/l #	82
42) 1,2-Dichloroethane	6.104	62	13363	3.536	ug/l	95
44) Trichloroethene	7.135	130	370342	138.813	ug/l	100
49) 1,4-Dioxane	7.671	88	1311	20.197	ug/l #	80
52) Toluene	8.726	92	4685	0.770	ug/l	98
64) Tetrachloroethene	9.281	164	2134	0.821	ug/l #	80

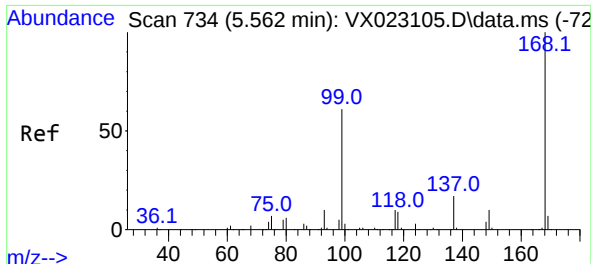
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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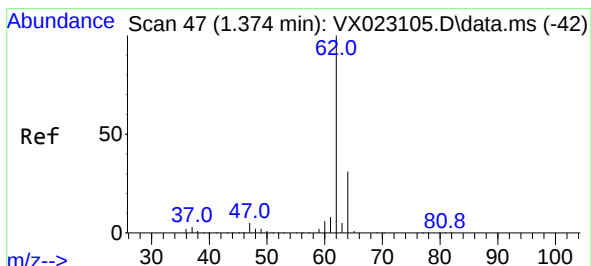
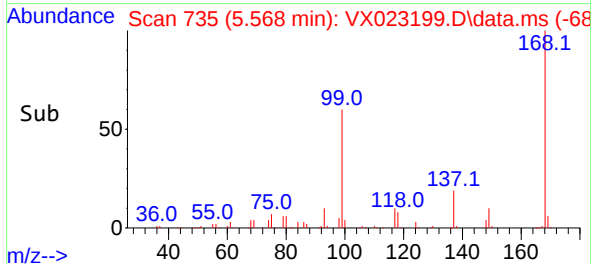
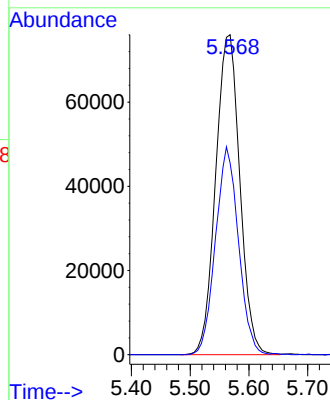
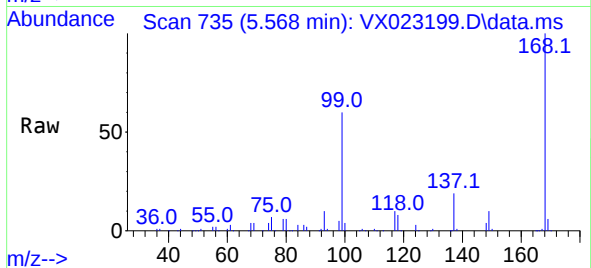




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

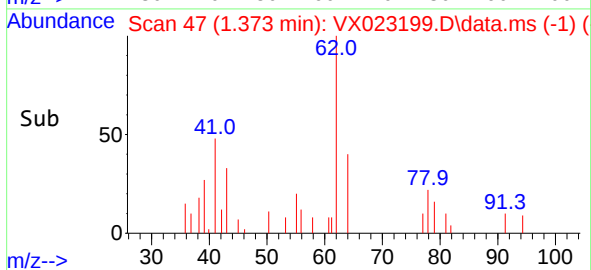
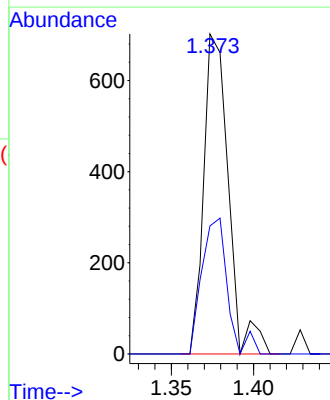
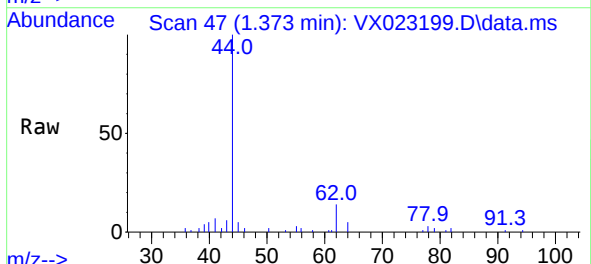
Instrument :
MSVOA_X
ClientSampleId :
GW-BR3-070621

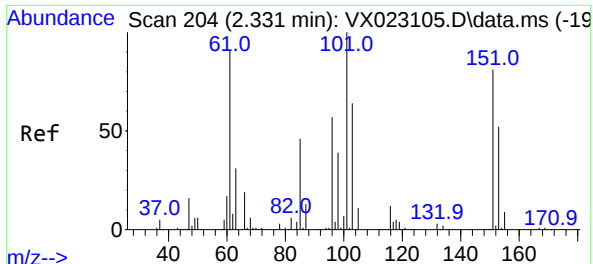
Tgt Ion:168 Resp: 217068
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.6



#4
Vinyl Chloride
Concen: 0.356 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

Tgt Ion: 62 Resp: 733
Ion Ratio Lower Upper
62 100
64 40.0 25.7 38.5#

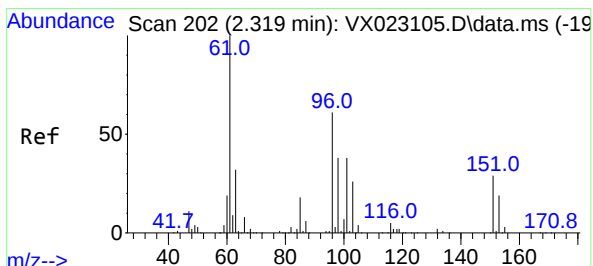
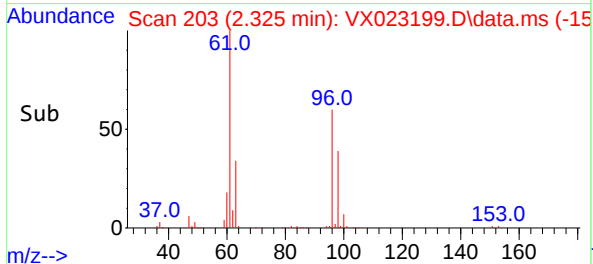
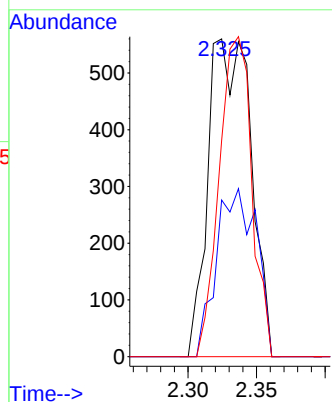
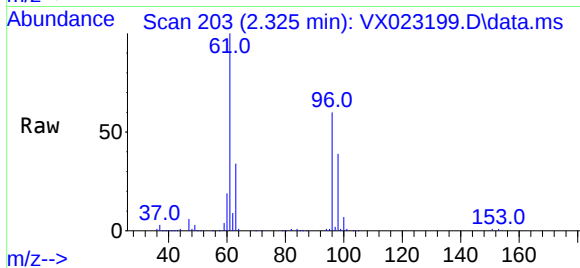




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.585 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

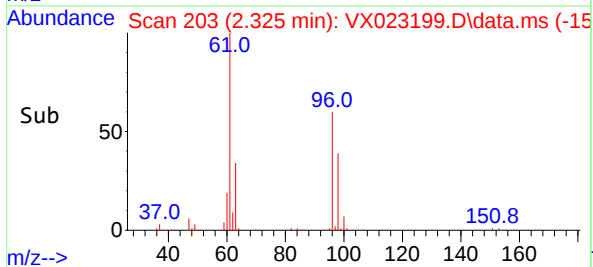
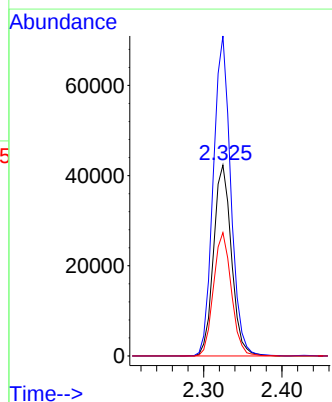
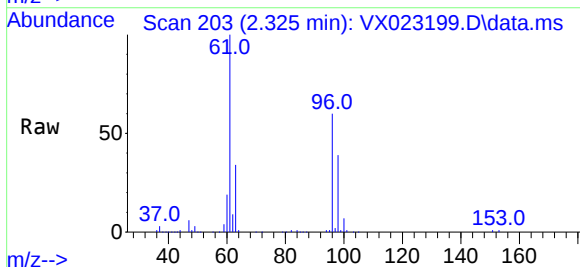
Instrument :
MSVOA_X
ClientSampleId :
GW-BR3-070621

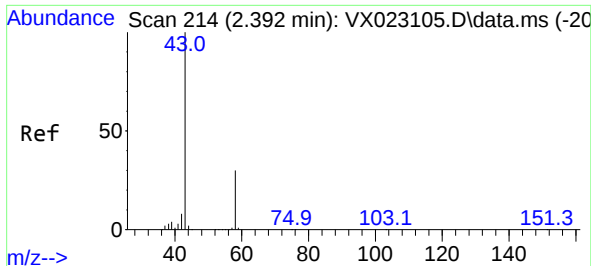
Tgt Ion:101 Resp: 1226
Ion Ratio Lower Upper
101 100
85 48.9 34.9 52.3
151 76.2 61.4 92.2



#12
1,1-Dichloroethene
Concen: 34.659 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

Tgt Ion: 96 Resp: 67064
Ion Ratio Lower Upper
96 100
61 167.7 124.6 187.0
98 64.7 50.6 76.0

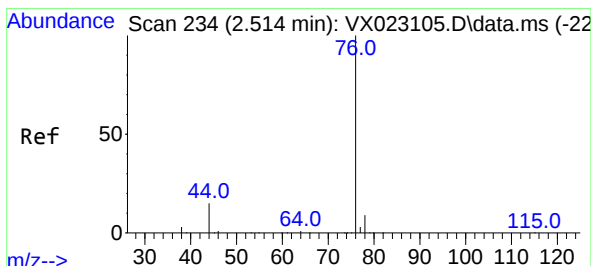
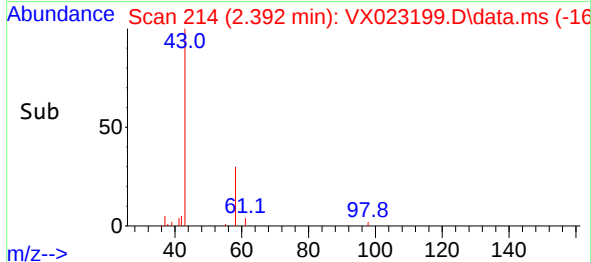
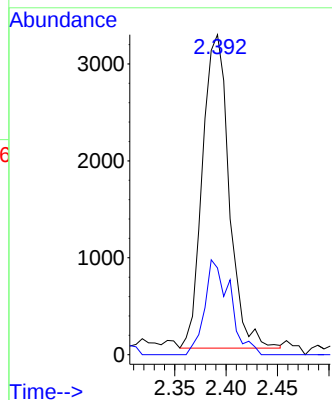
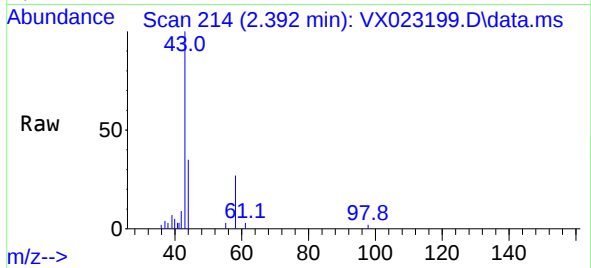




#16
Acetone
Concen: 5.061 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

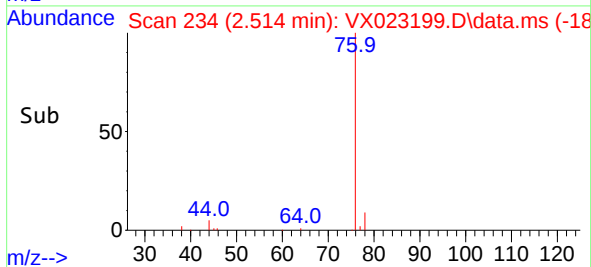
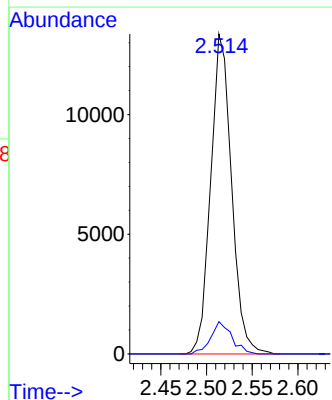
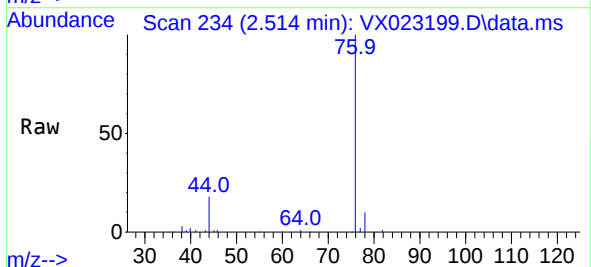
Instrument :
MSVOA_X
ClientSampleId :
GW-BR3-070621

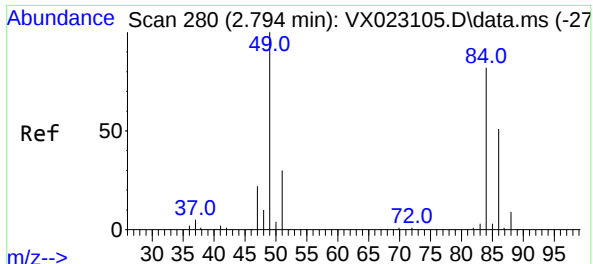
Tgt Ion: 43 Resp: 5842
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 5.191 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

Tgt Ion: 76 Resp: 21185
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8





#20

Methylene Chloride

Concen: 0.789 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX023199.D

Acq: 08 Jul 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

GW-BR3-070621

Tgt Ion: 84 Resp: 1960

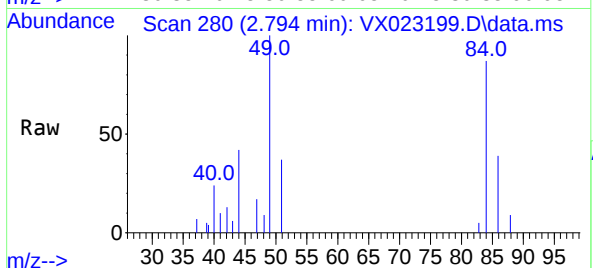
Ion Ratio Lower Upper

84 100

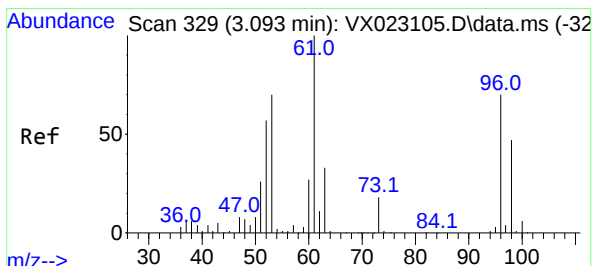
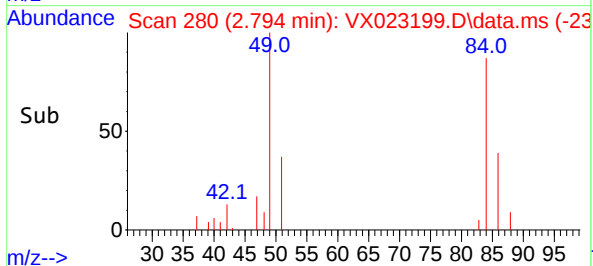
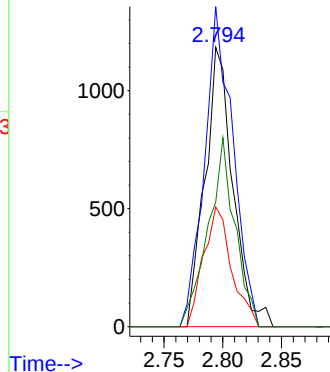
49 114.5 88.6 132.8

51 42.8 27.0 40.6#

86 44.6 50.3 75.5#



Abundance



#21

trans-1,2-Dichloroethene

Concen: 2.093 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX023199.D

Acq: 08 Jul 2021 15:05

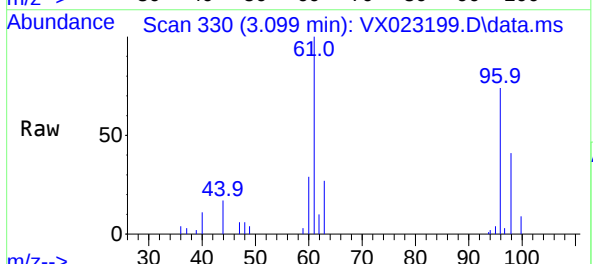
Tgt Ion: 96 Resp: 4374

Ion Ratio Lower Upper

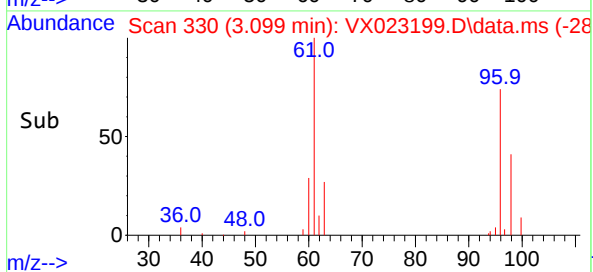
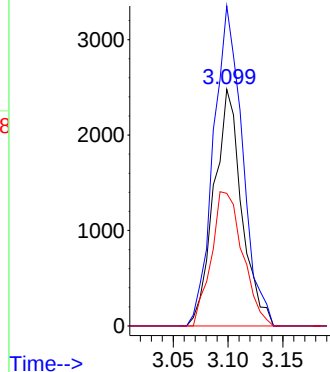
96 100

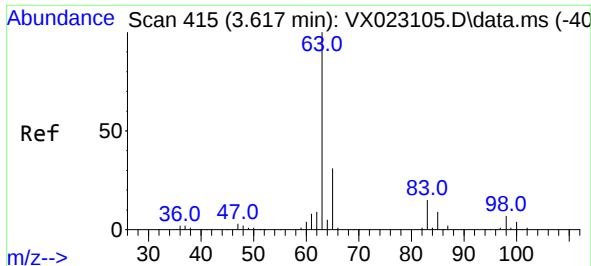
61 135.2 107.7 161.5

98 56.0 50.4 75.6



Abundance

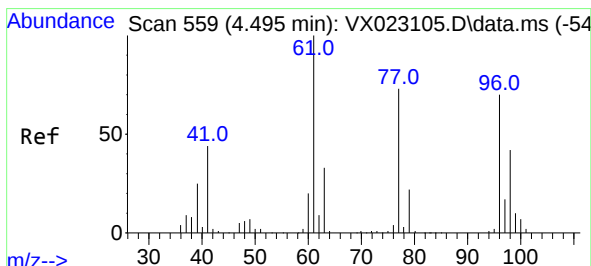
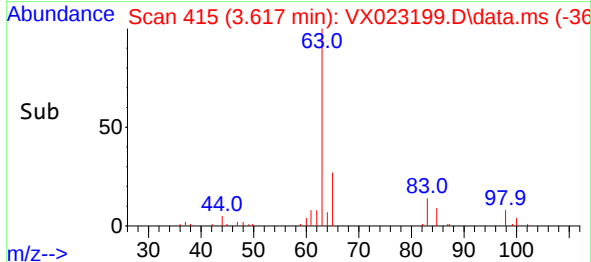
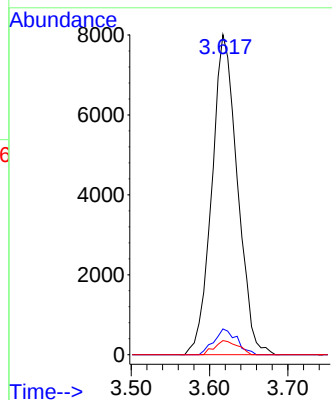
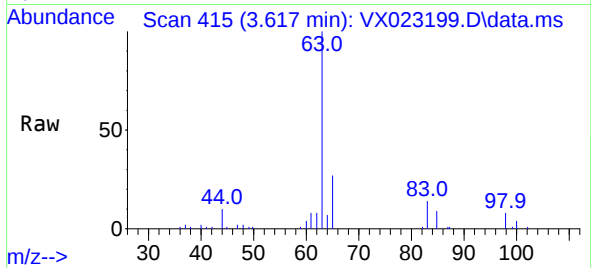




#24
1,1-Dichloroethane
Concen: 4.538 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

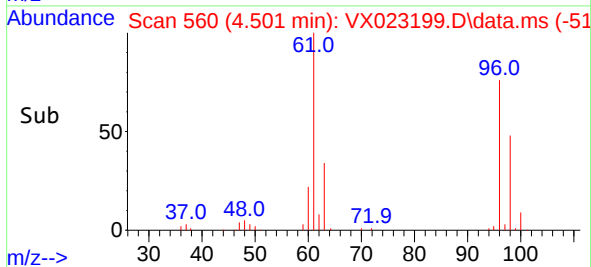
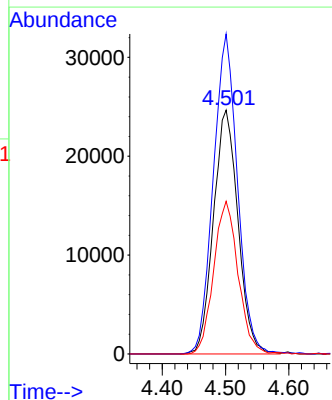
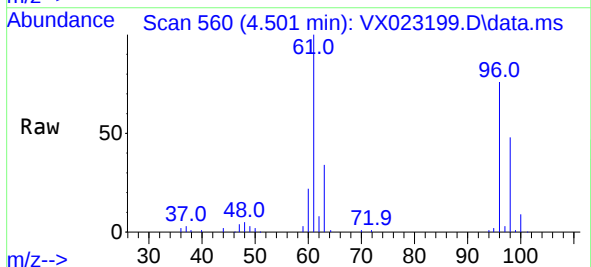
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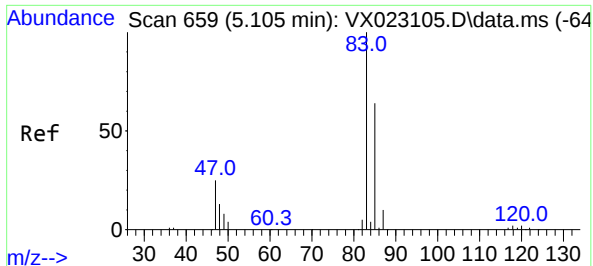
Tgt Ion: 63 Resp: 18174
Ion Ratio Lower Upper
63 100
98 8.1 3.8 11.2
100 4.4 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 26.237 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

Tgt Ion: 96 Resp: 66411
Ion Ratio Lower Upper
96 100
61 129.3 0.0 285.6
98 62.6 0.0 129.6





#30

Chloroform

Concen: 0.859 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.012 min

Lab File: VX023199.D

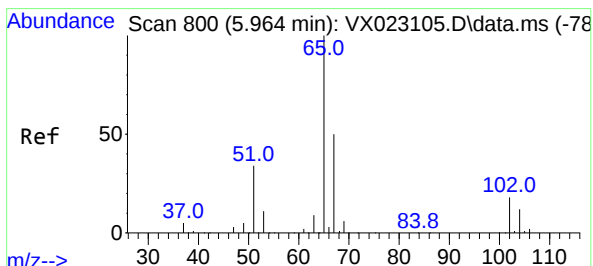
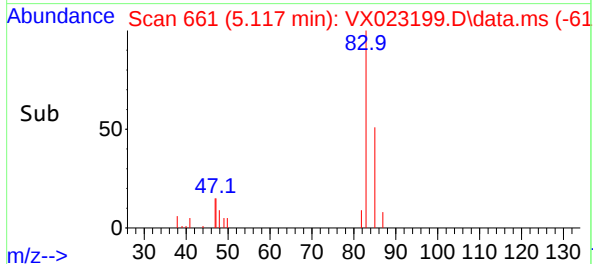
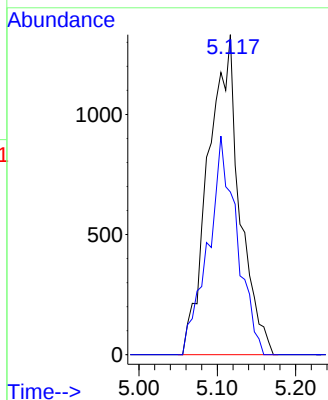
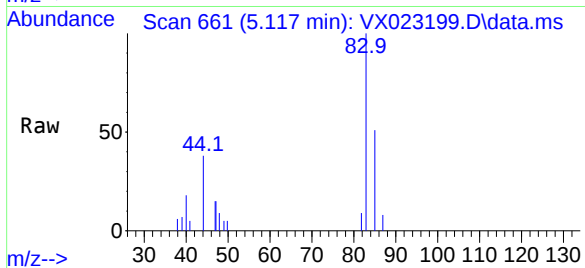
Acq: 08 Jul 2021 15:05

Tgt Ion: 83 Resp: 3717

Ion Ratio Lower Upper

83 100

85 50.8 52.0 78.0#



#33

1,2-Dichloroethane-d4

Concen: 51.415 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023199.D

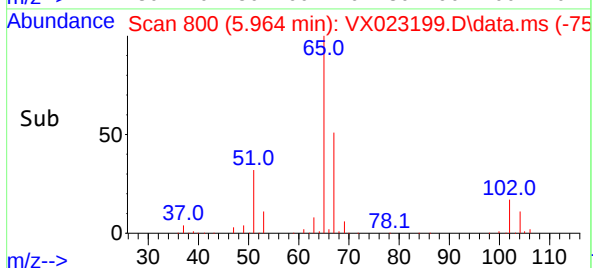
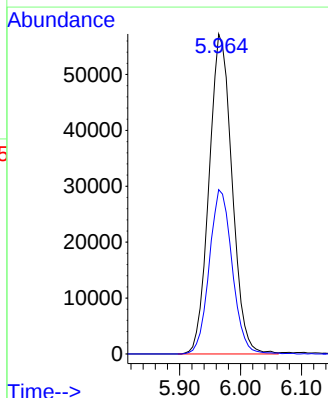
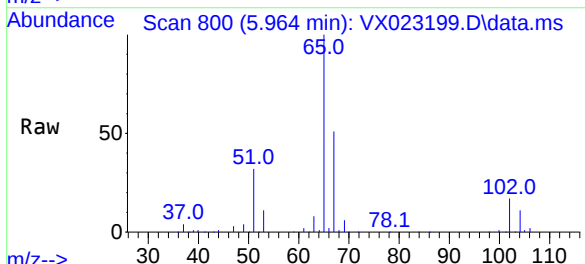
Acq: 08 Jul 2021 15:05

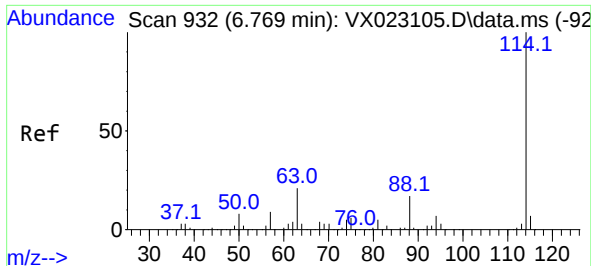
Tgt Ion: 65 Resp: 149999

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.4

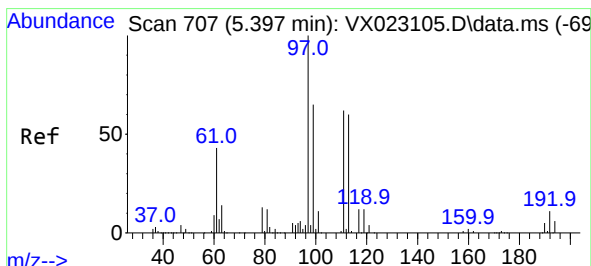
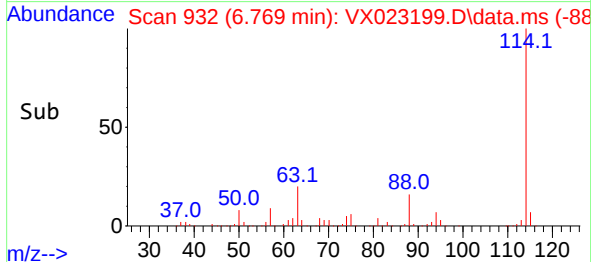
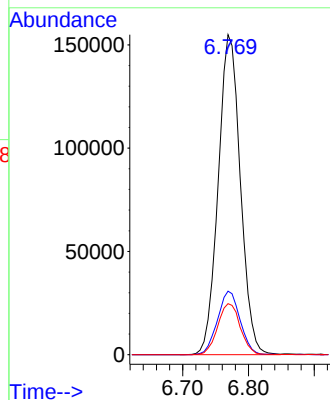
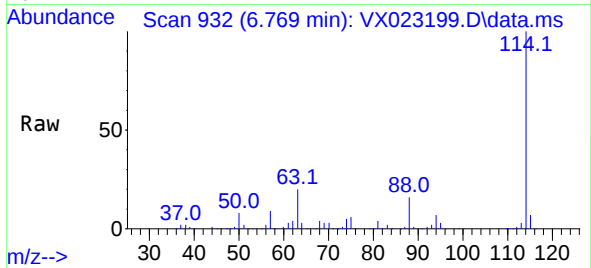




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

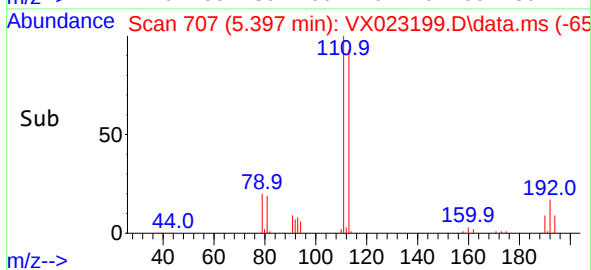
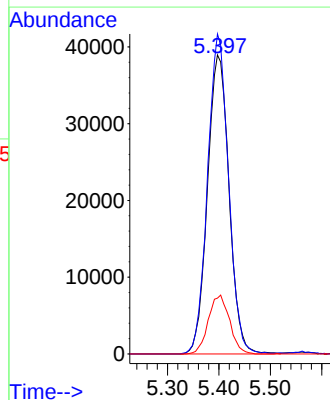
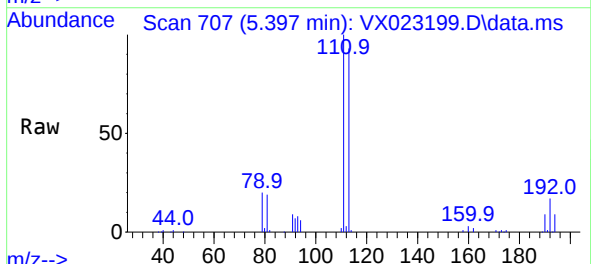
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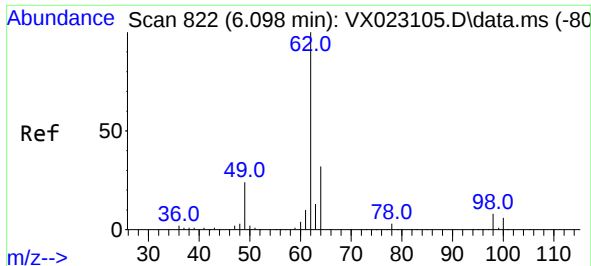
Tgt Ion:114 Resp: 363360
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.512 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

Tgt Ion:113 Resp: 113829
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 19.3 16.7 25.1

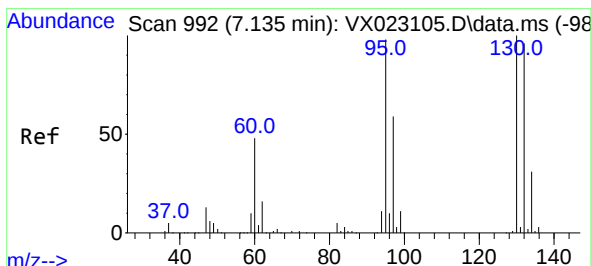
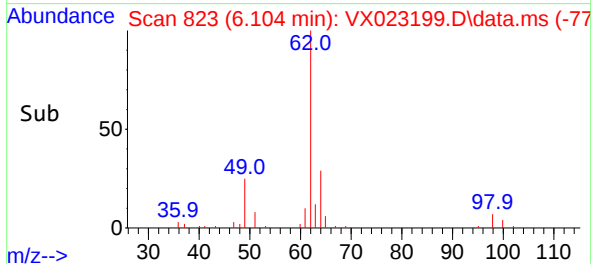
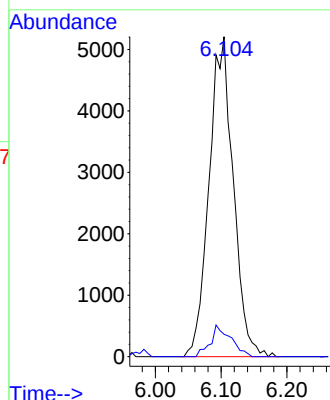
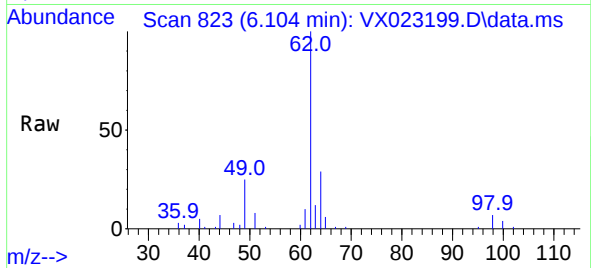




#42
1,2-Dichloroethane
Concen: 3.536 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.006 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

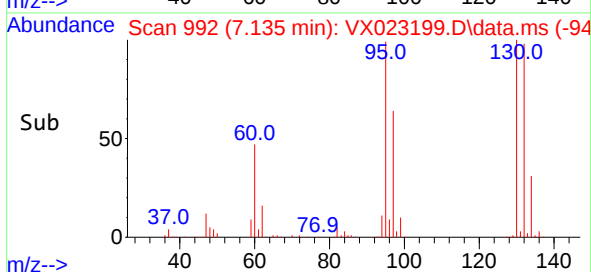
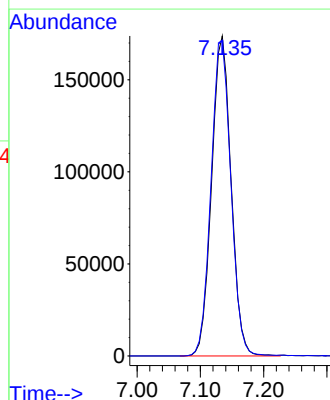
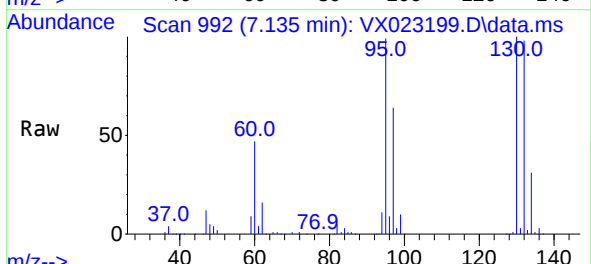
Instrument :
MSVOA_X
ClientSampleId :
GW-BR3-070621

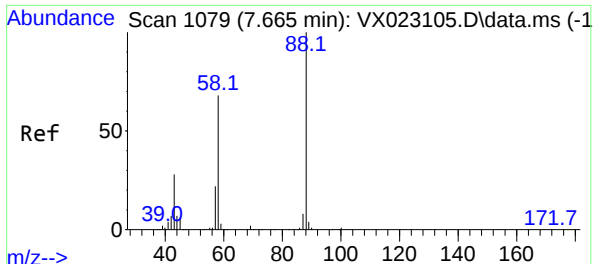
Tgt Ion: 62 Resp: 13363
Ion Ratio Lower Upper
62 100
98 8.3 0.0 20.2



#44
Trichloroethene
Concen: 138.813 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

Tgt Ion: 130 Resp: 370342
Ion Ratio Lower Upper
130 100
95 98.7 0.0 198.0

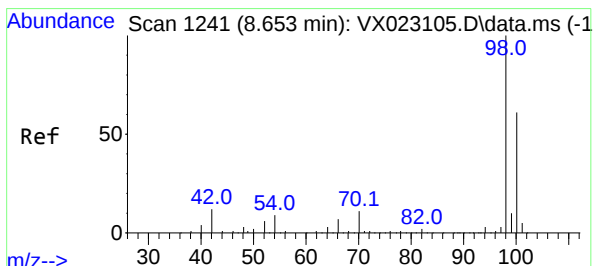
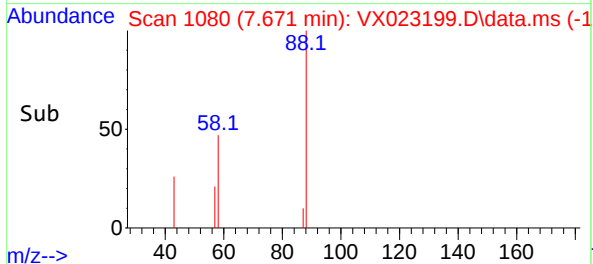
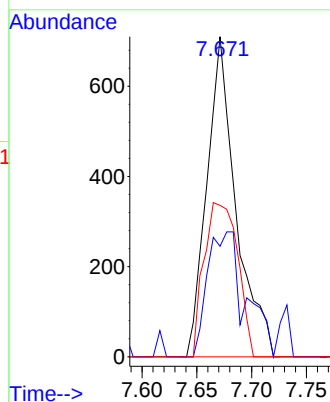
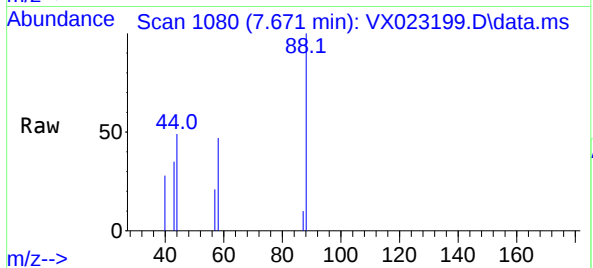




#49
1,4-Dioxane
Concen: 20.197 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

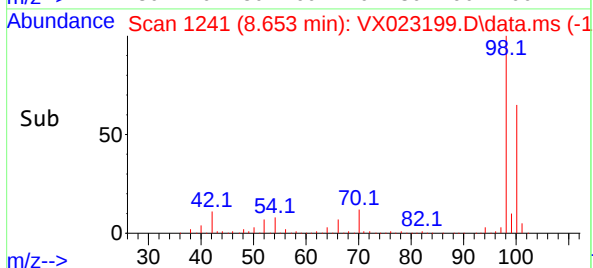
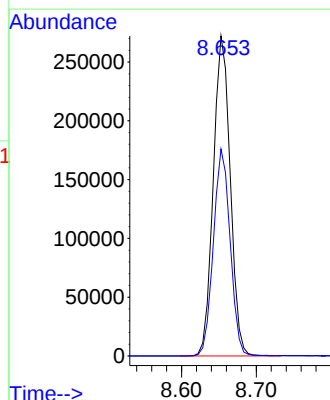
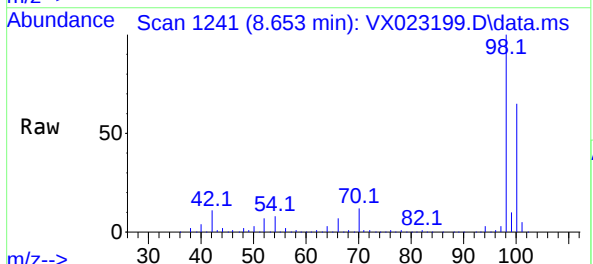
Instrument :
MSVOA_X
ClientSampleId :
GW-BR3-070621

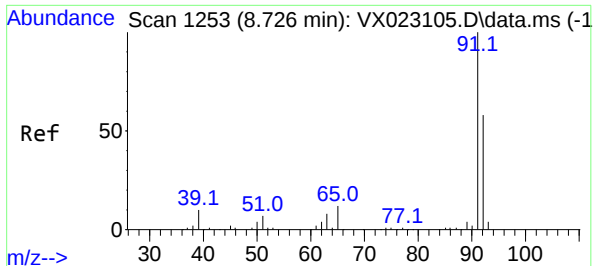
Tgt Ion: 88 Resp: 1311
Ion Ratio Lower Upper
88 100
43 45.3 23.2 34.8#
58 55.5 55.0 82.4



#50
Toluene-d8
Concen: 48.960 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

Tgt Ion: 98 Resp: 428533
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





#52

Toluene

Concen: 0.770 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. -0.000 min

Lab File: VX023199.D

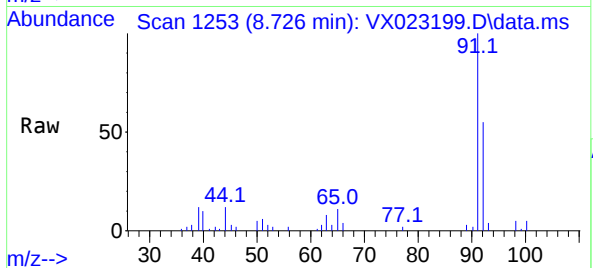
Acq: 08 Jul 2021 15:05

Tgt Ion: 92 Resp: 4685

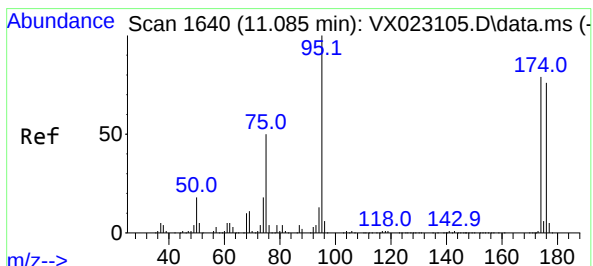
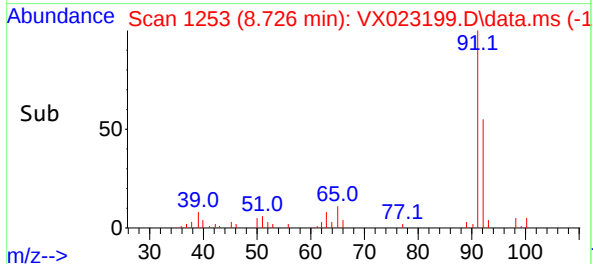
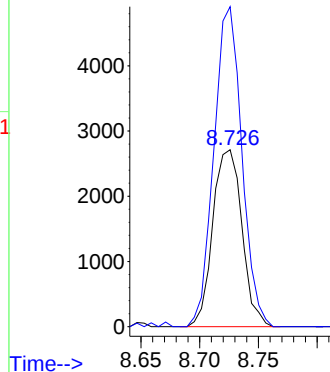
Ion Ratio Lower Upper

92 100

91 173.6 137.1 205.7



Abundance



#62

4-Bromofluorobenzene

Concen: 46.537 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023199.D

Acq: 08 Jul 2021 15:05

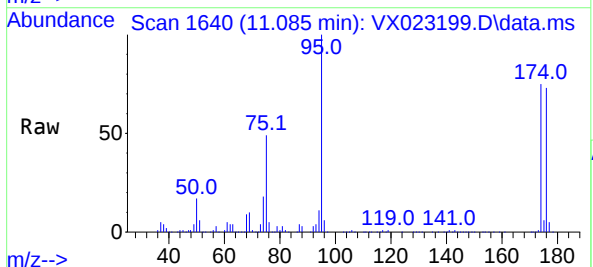
Tgt Ion: 95 Resp: 157250

Ion Ratio Lower Upper

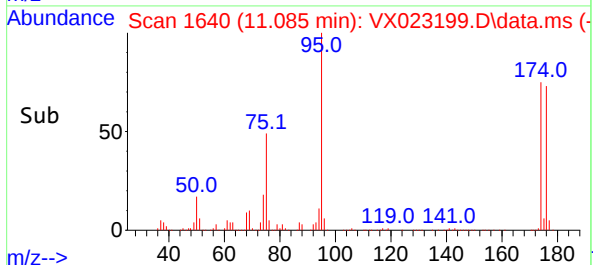
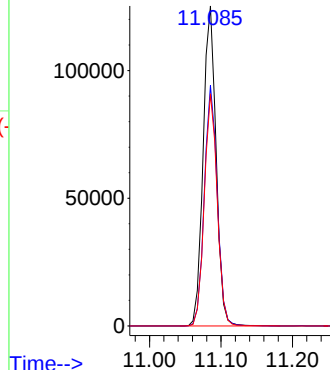
95 100

174 75.0 0.0 154.6

176 72.5 0.0 155.8



Abundance

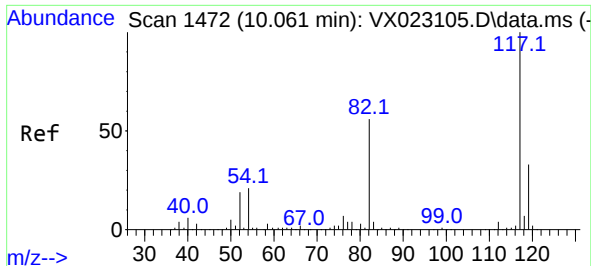


Instrument :

MSVOA_X

ClientSampleId :

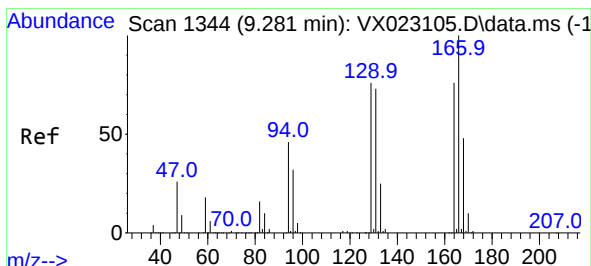
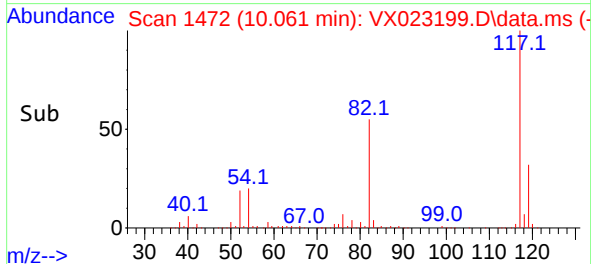
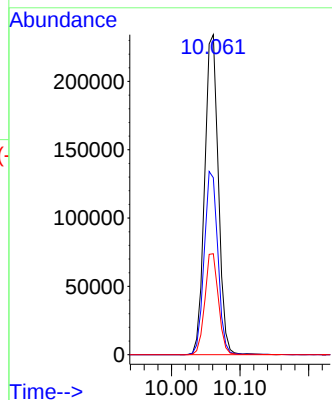
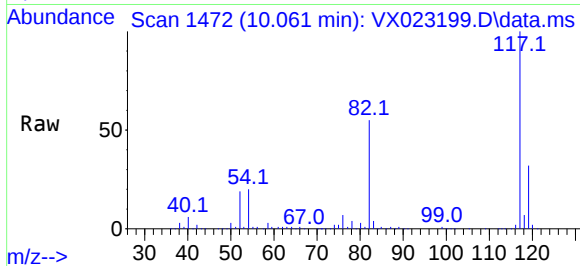
GW-BR3-070621



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

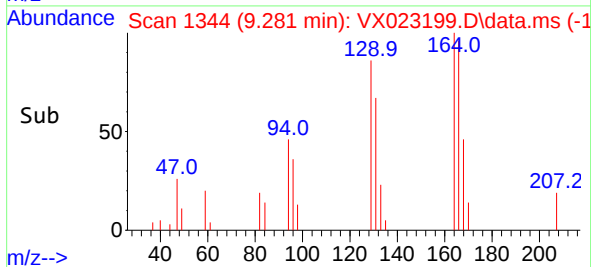
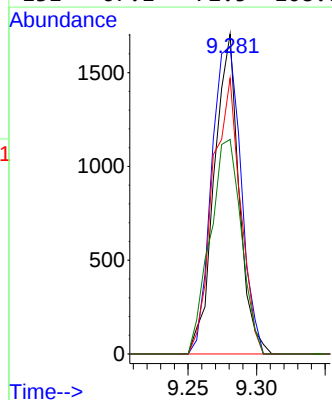
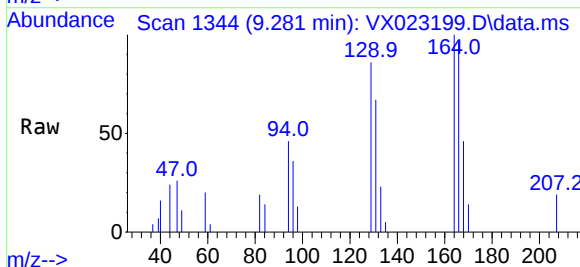
Instrument :
MSVOA_X
ClientSampleId :
GW-BR3-070621

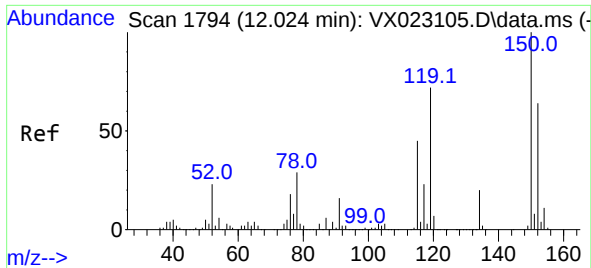
Tgt Ion:117 Resp: 325959
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 31.5 26.6 39.8



#64
Tetrachloroethene
Concen: 0.821 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023199.D
Acq: 08 Jul 2021 15:05

Tgt Ion:164 Resp: 2134
Ion Ratio Lower Upper
164 100
166 96.1 103.4 155.2#
129 86.2 70.8 106.2
131 67.1 72.5 108.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023199.D
 Acq: 08 Jul 2021 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR3-070621

Tgt Ion:152 Resp: 135566
 Ion Ratio Lower Upper
 152 100
 115 62.8 41.1 123.3
 150 158.1 0.0 349.0

