

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022199.D
 Acq On : 26 May 2021 15:54
 Operator : JC/MD
 Sample : M2526-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20210525

Quant Time: May 27 04:06:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

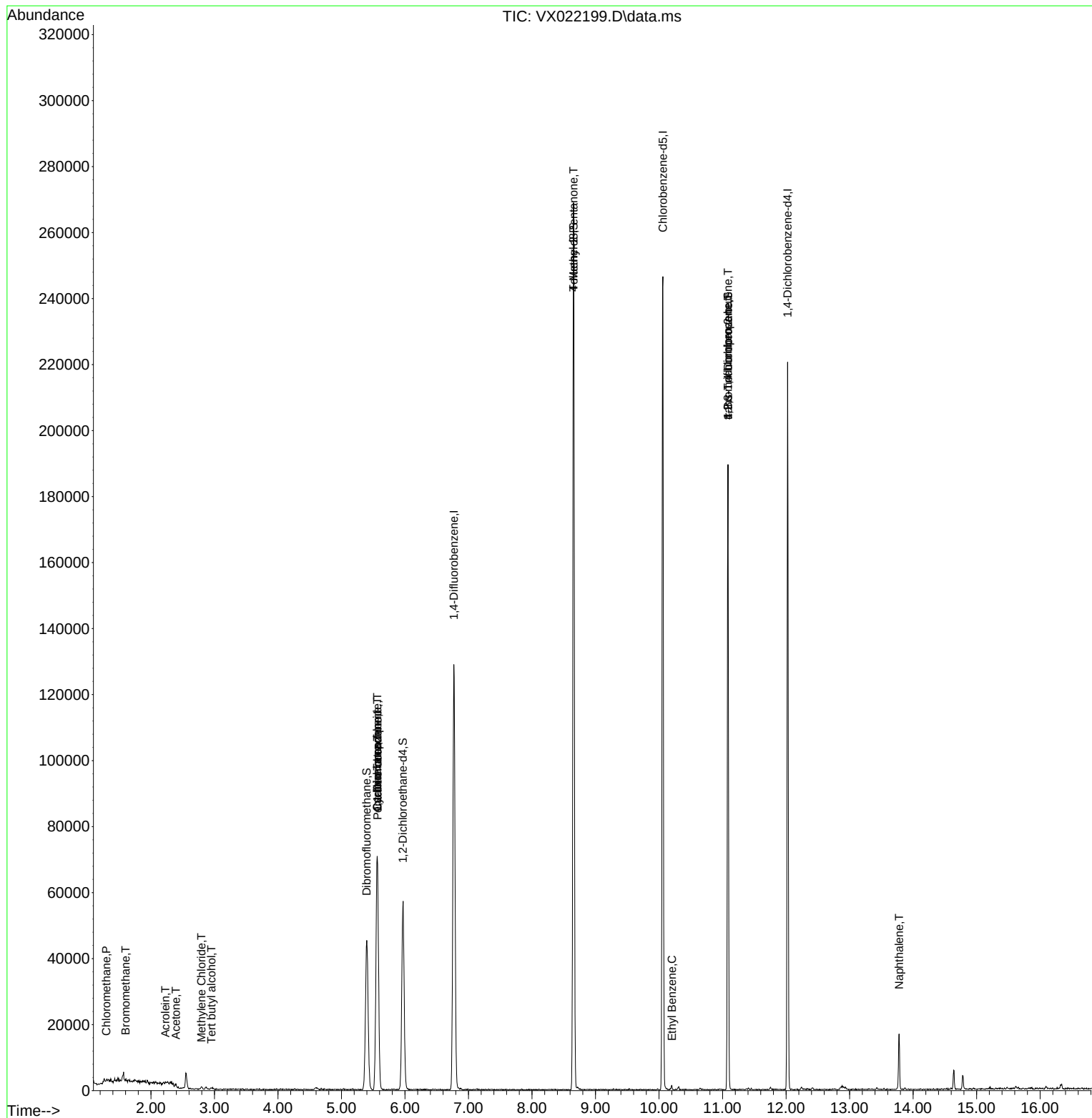
Internal Standards						
1) Pentafluorobenzene	5.568	168	62338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	128906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	109038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51590	53.65	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.30%			
35) Dibromofluoromethane	5.397	113	39431	48.24	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.48%			
50) Toluene-d8	8.653	98	156151	49.59	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.18%			
62) 4-Bromofluorobenzene	11.085	95	51142	43.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.88%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	212	0.26	ug/l #	42
5) Bromomethane	1.599	94	149	0.30	ug/l #	2
11) Tert butyl alcohol	2.953	59	343	1.56	ug/l #	73
13) Acrolein	2.227	56	132	0.90	ug/l #	14
16) Acetone	2.392	43	1264	3.02	ug/l #	87
20) Methylene Chloride	2.794	84	313	0.34	ug/l #	71
31) Cyclohexane	5.562	56	1704	1.41	ug/l #	13
36) 1,1-Dichloropropene	5.562	75	6264	5.26	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7222	6.19	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	731	0.51	ug/l #	1
67) Ethyl Benzene	10.201	91	911	0.22	ug/l #	74
76) 1,2,3-Trichloropropane	11.085	75	27186	27.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27186	65.82	ug/l #	12
95) Naphthalene	13.780	128	10238	3.30	ug/l	99

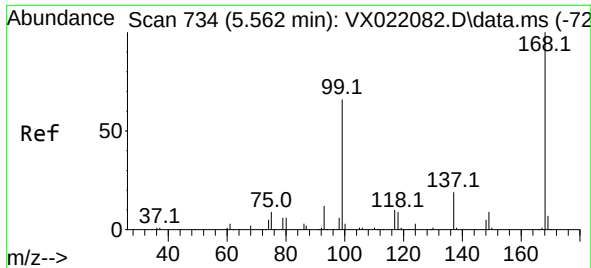
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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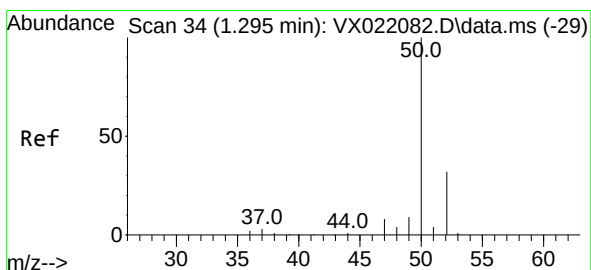
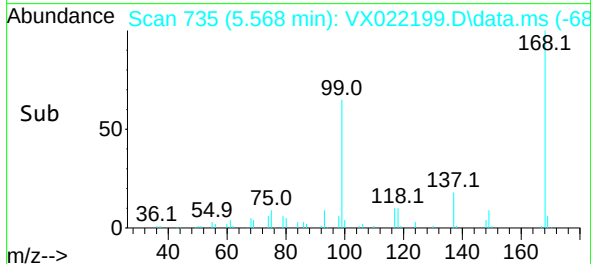
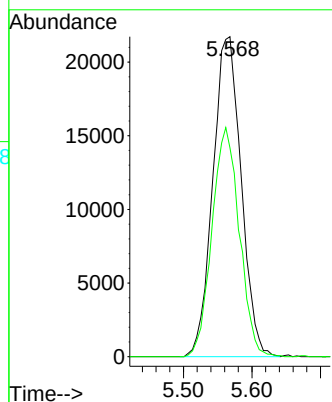
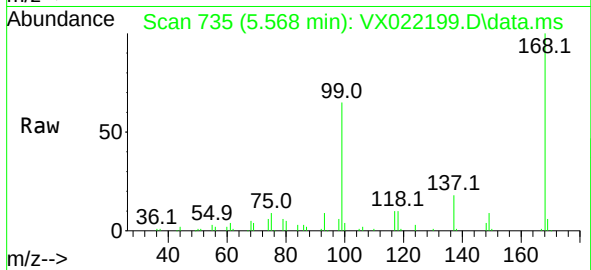




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

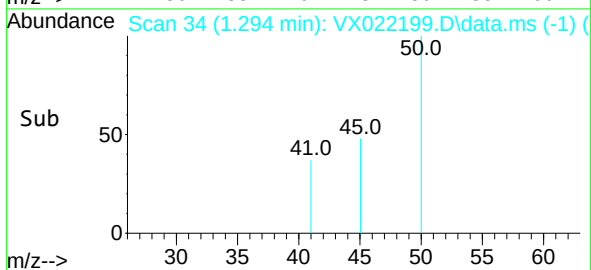
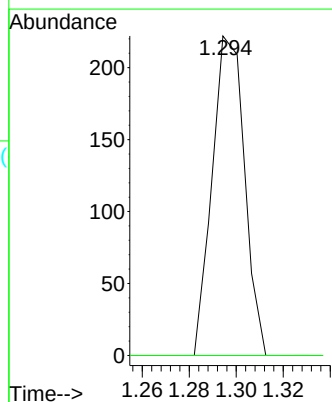
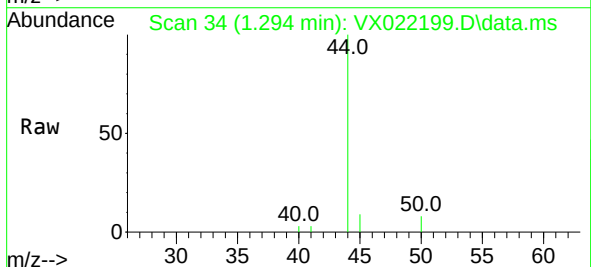
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210525

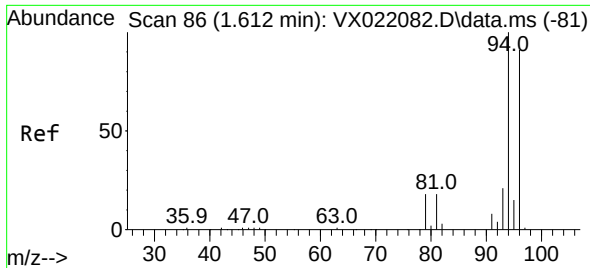
Tgt Ion:168 Resp: 62338
Ion Ratio Lower Upper
168 100
99 65.2 45.8 68.6



#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Tgt Ion: 50 Resp: 212
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

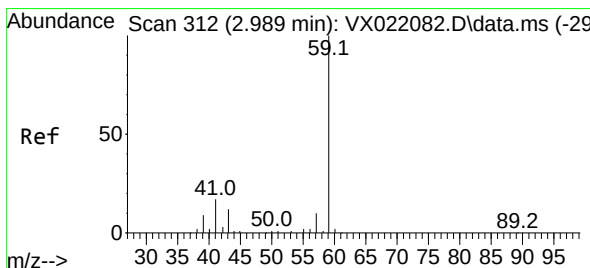
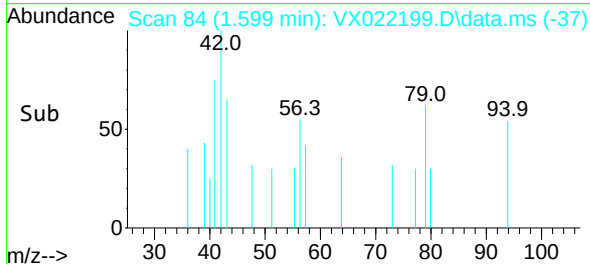
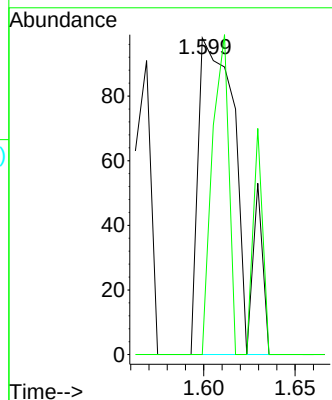
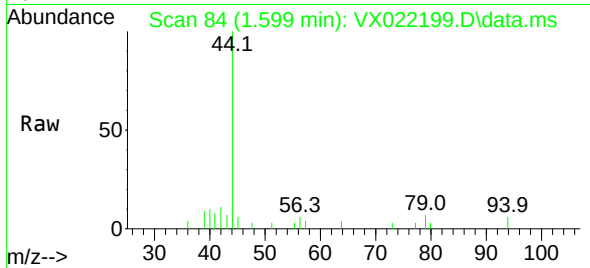




#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

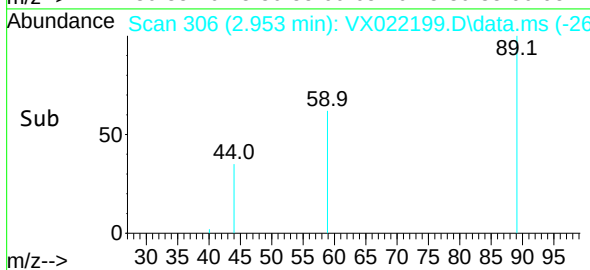
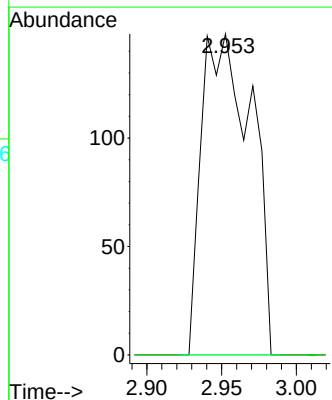
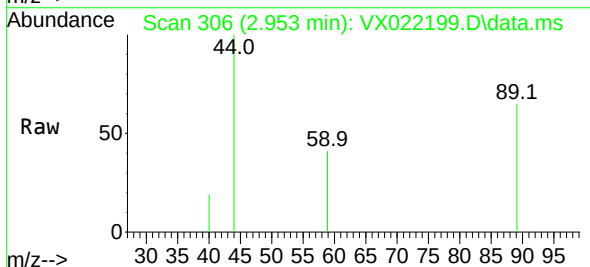
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210525

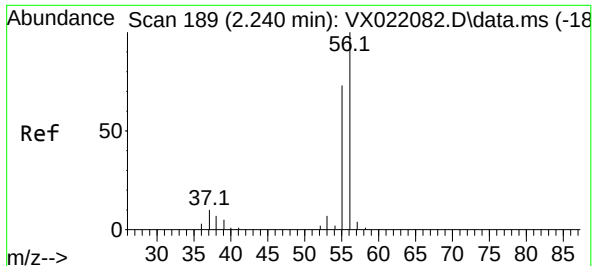
Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 1.56 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Tgt Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.90 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.013 min

Lab File: VX022199.D

Acq: 26 May 2021 15:54

Tgt Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

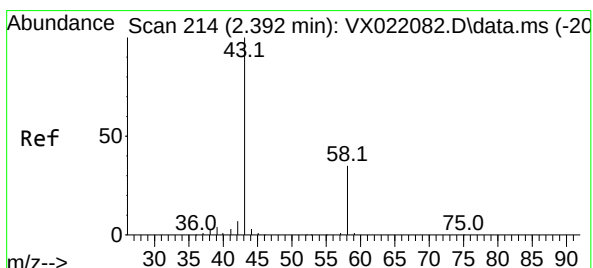
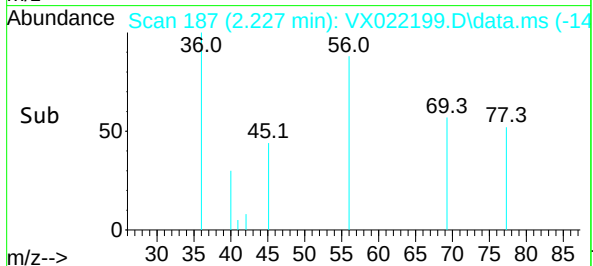
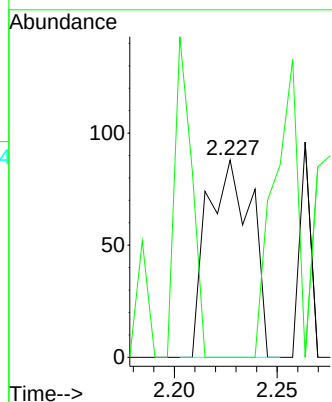
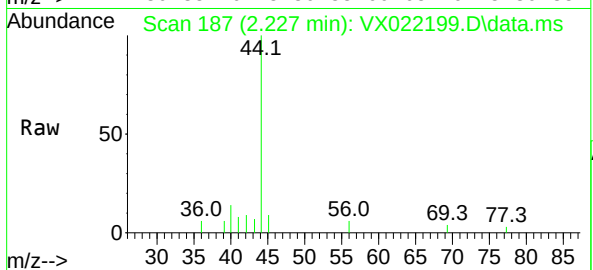
55 0.0 56.4 84.6#

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20210525



#16

Acetone

Concen: 3.02 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022199.D

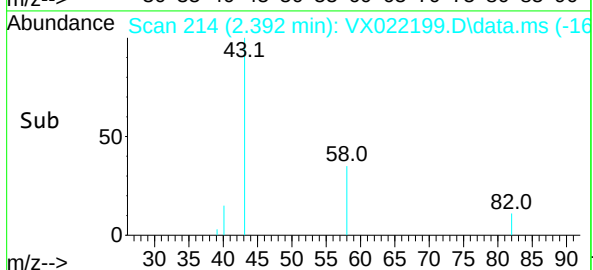
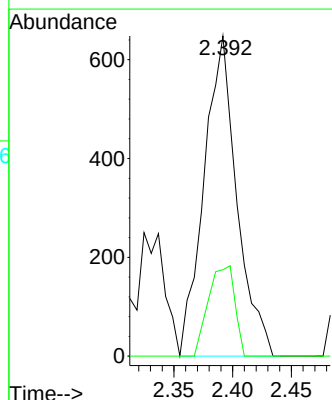
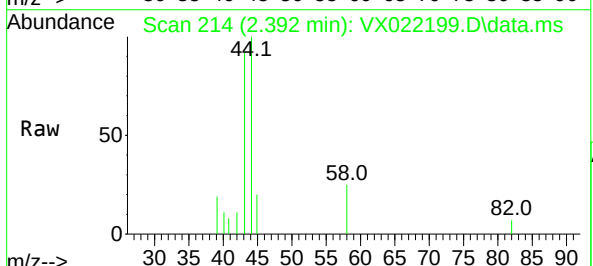
Acq: 26 May 2021 15:54

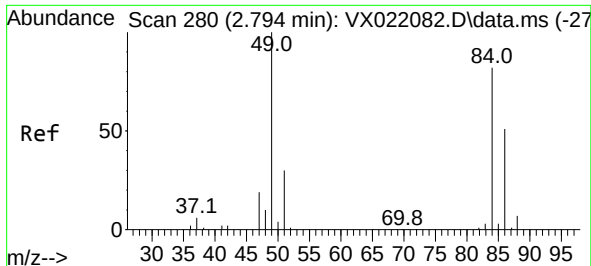
Tgt Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

58 27.0 27.8 41.8#

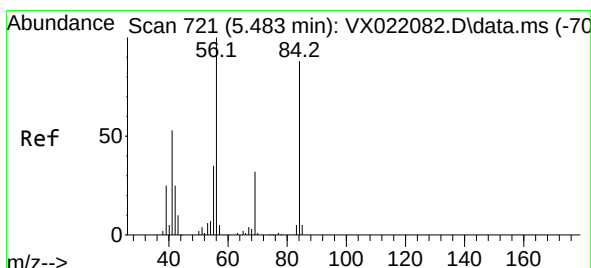
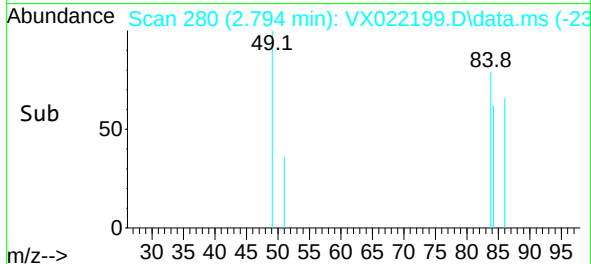
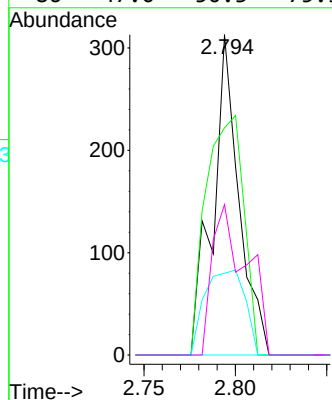
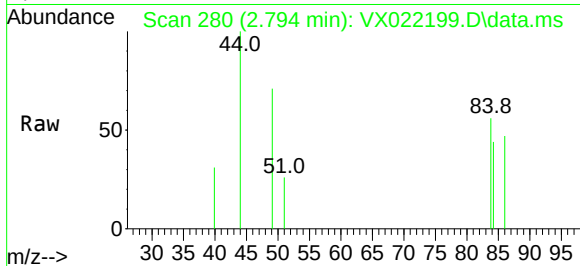




#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

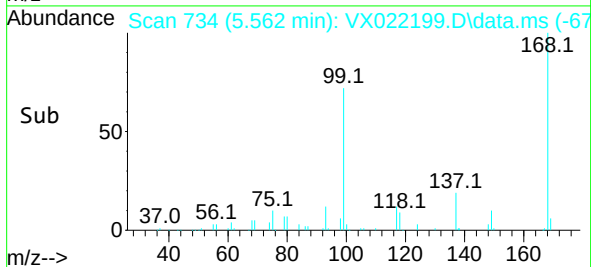
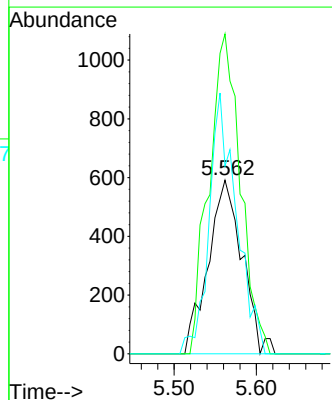
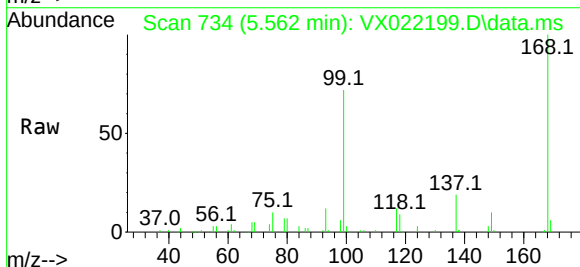
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210525

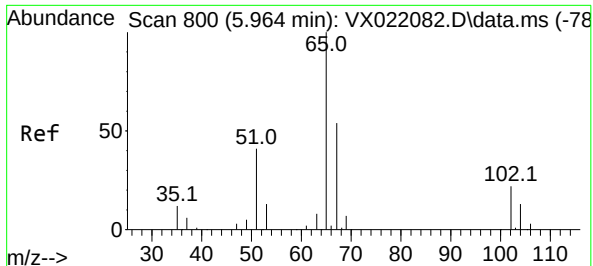
Tgt Ion:	84	Resp:	313
Ion	Ratio	Lower	Upper
84	100		
49	70.9	88.6	132.8#
51	25.6	27.0	40.6#
86	47.0	50.3	75.5#



#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Tgt Ion:	56	Resp:	1704
Ion	Ratio	Lower	Upper
56	100		
69	184.3	25.3	37.9#
84	108.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.65 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022199.D

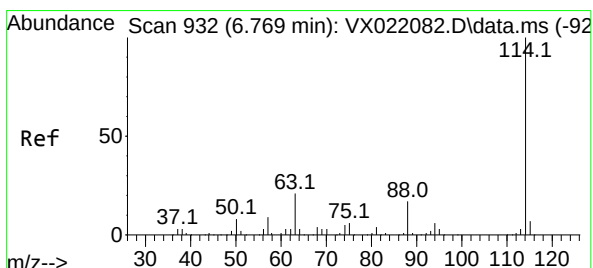
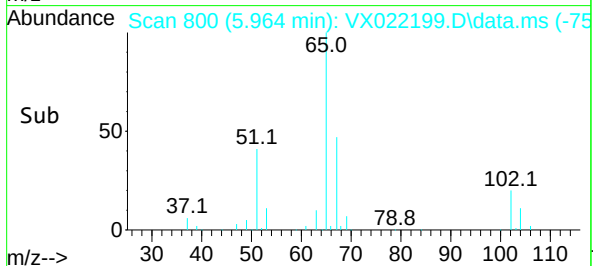
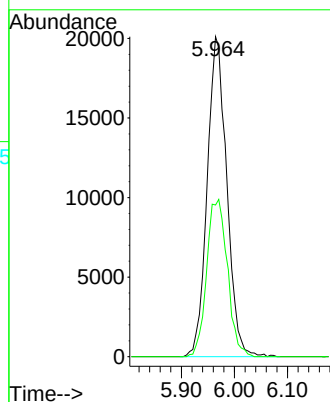
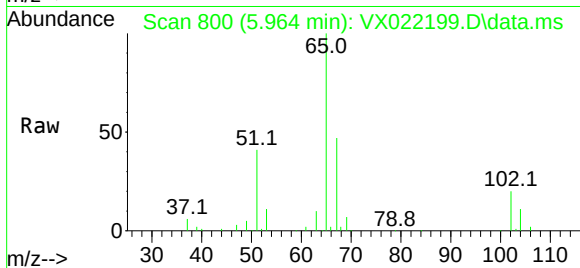
Acq: 26 May 2021 15:54

Tgt Ion: 65 Resp: 51590

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022199.D

Acq: 26 May 2021 15:54

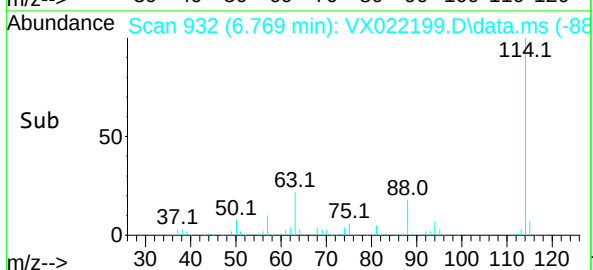
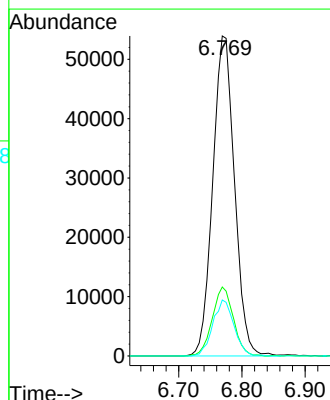
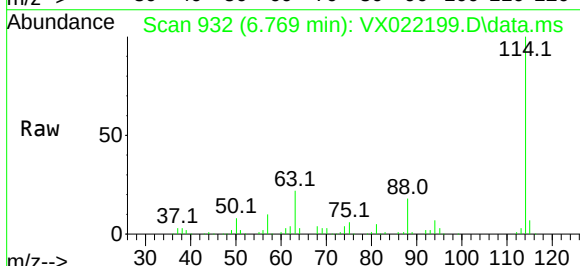
Tgt Ion: 114 Resp: 128906

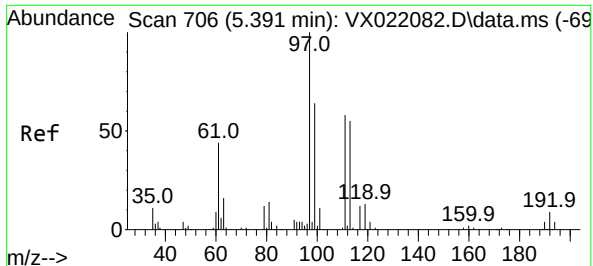
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 17.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.24 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022199.D

Acq: 26 May 2021 15:54

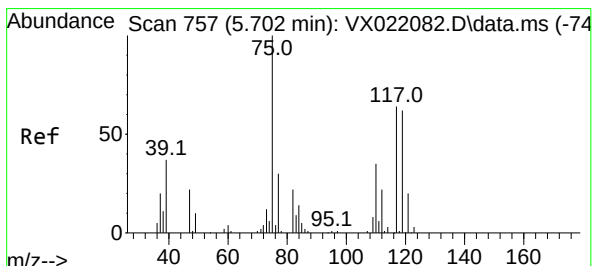
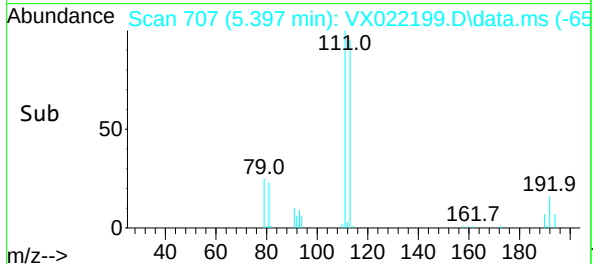
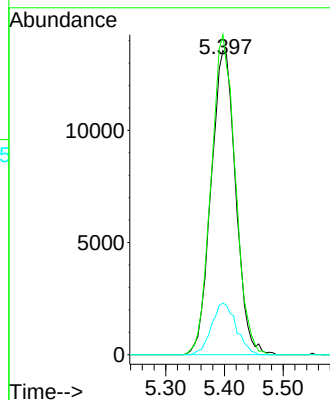
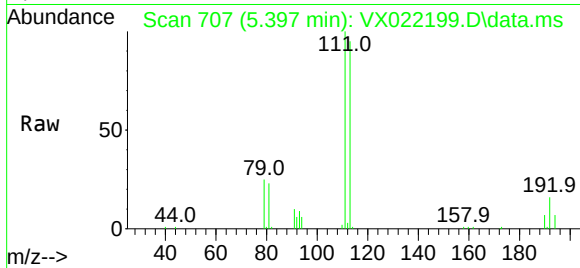
Tgt Ion:113 Resp: 39431

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 17.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.26 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022199.D

Acq: 26 May 2021 15:54

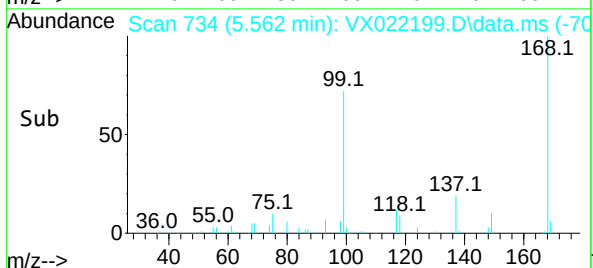
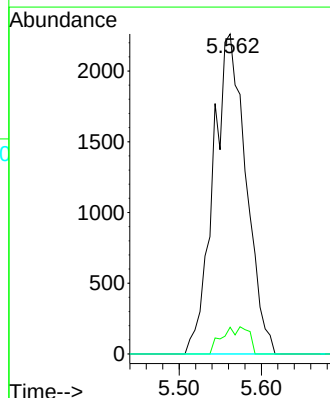
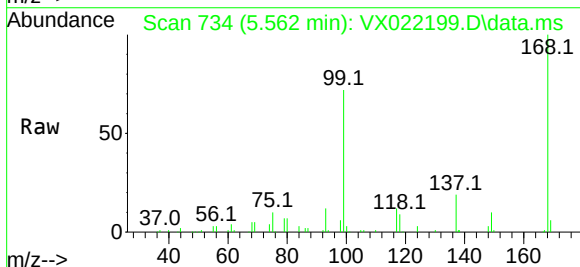
Tgt Ion: 75 Resp: 6264

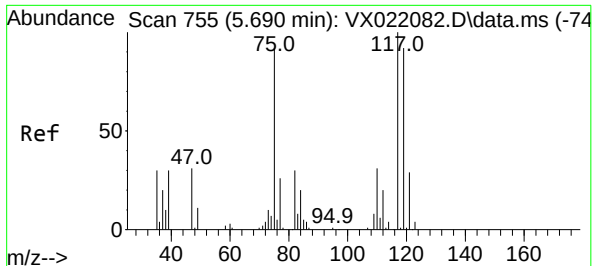
Ion Ratio Lower Upper

75 100

110 6.9 18.1 54.4#

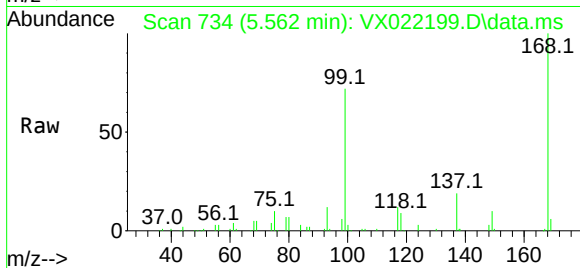
77 0.0 25.3 37.9#



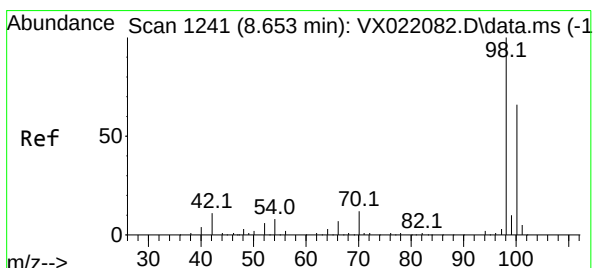
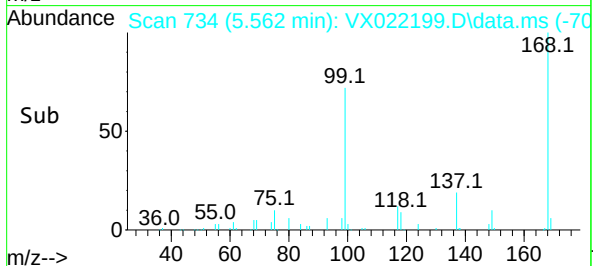
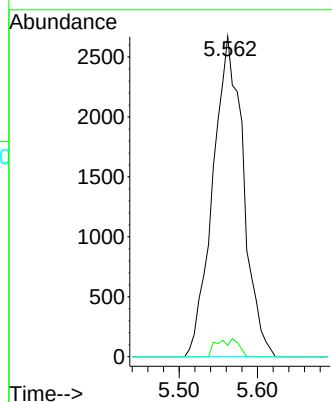


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210525

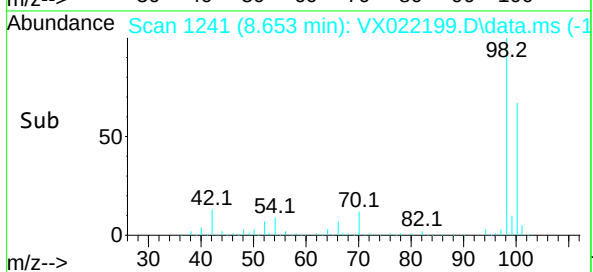
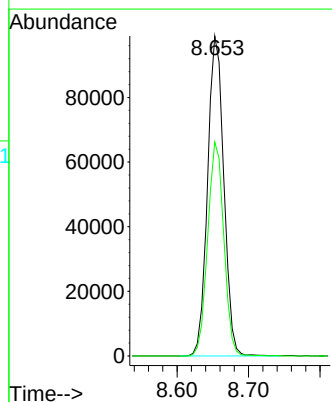
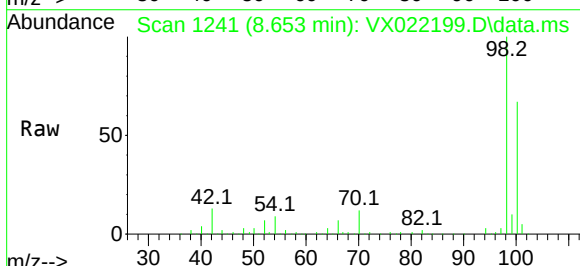


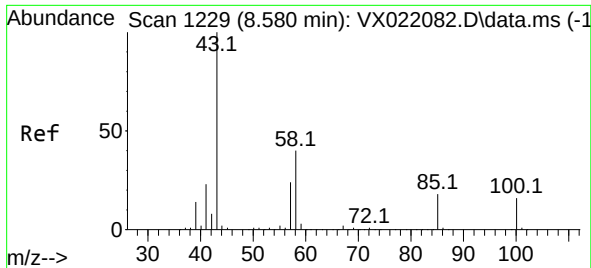
Tgt Ion:117 Resp: 7222
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.59 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Tgt Ion: 98 Resp: 156151
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

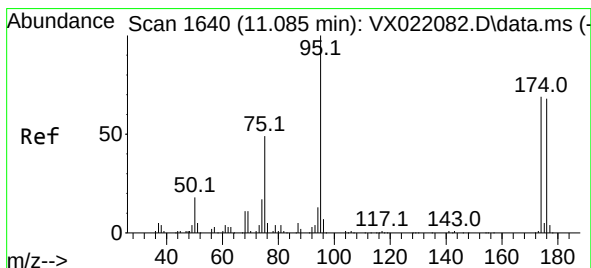
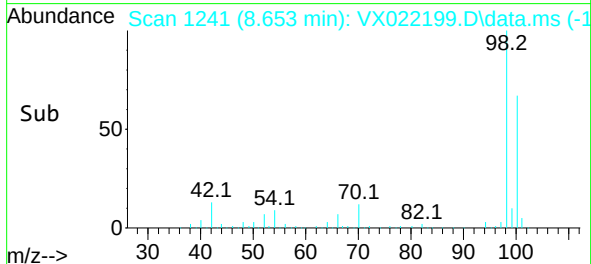
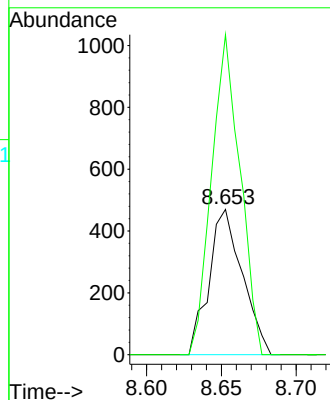
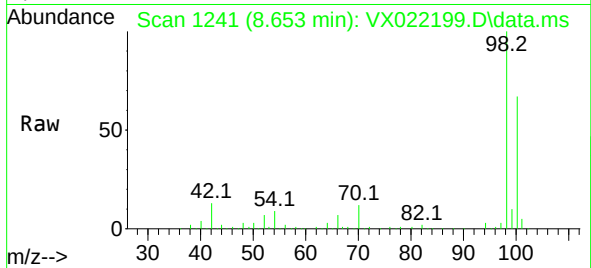




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

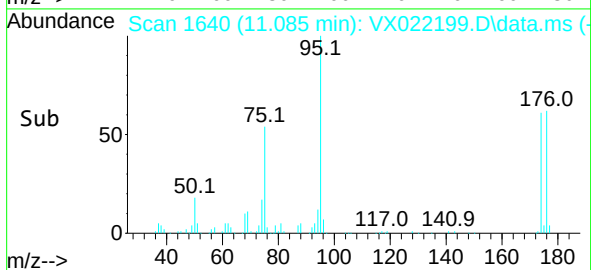
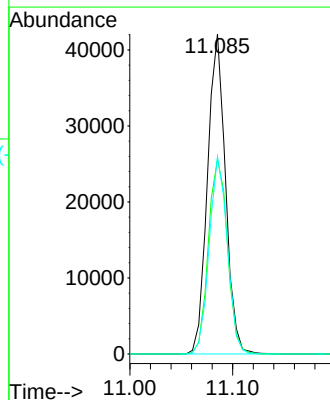
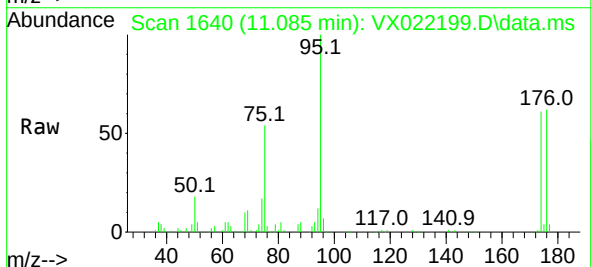
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210525

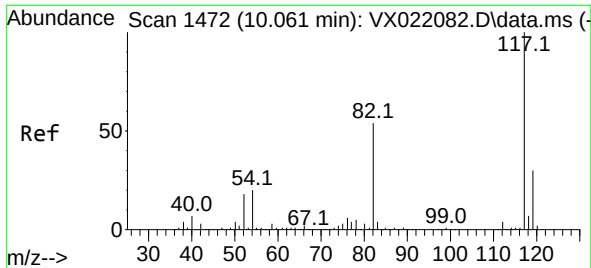
Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 188.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Tgt Ion: 95 Resp: 51142
Ion Ratio Lower Upper
95 100
174 64.3 0.0 154.6
176 61.9 0.0 155.8

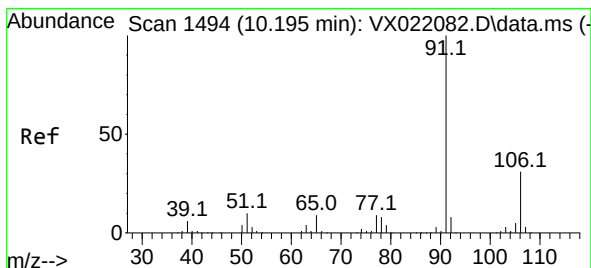
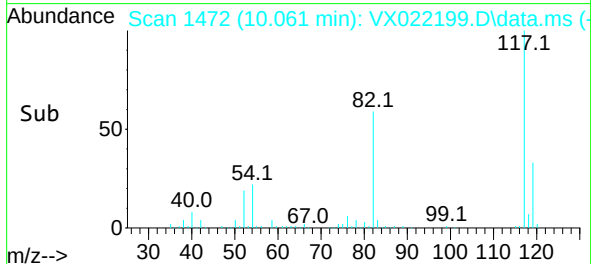
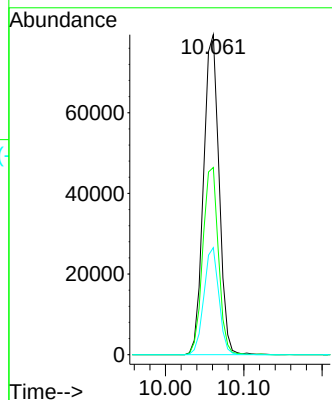
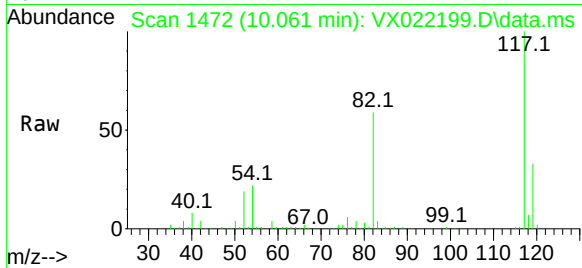




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

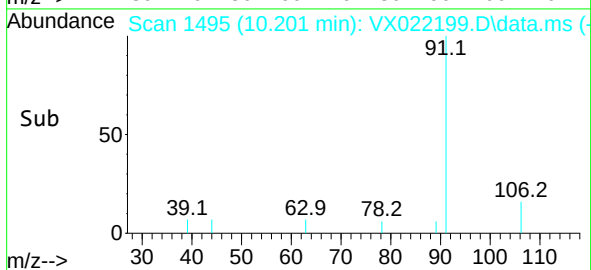
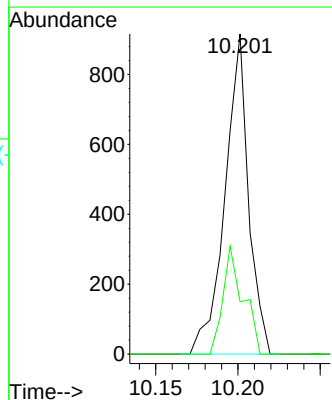
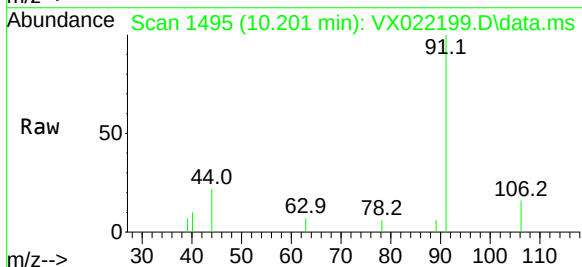
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210525

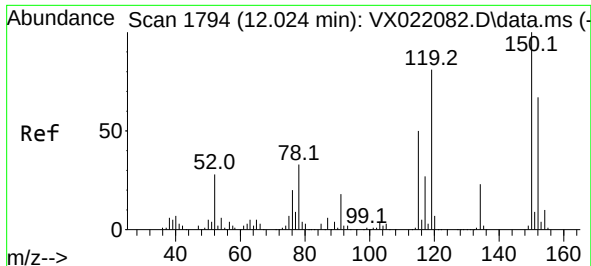
Tgt Ion:117 Resp: 109038
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 33.4 26.6 39.8



#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Tgt Ion: 91 Resp: 911
Ion Ratio Lower Upper
91 100
106 16.4 24.6 37.0#

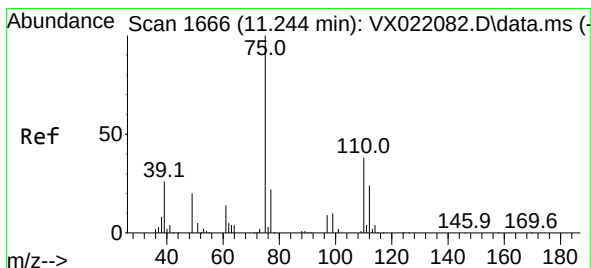
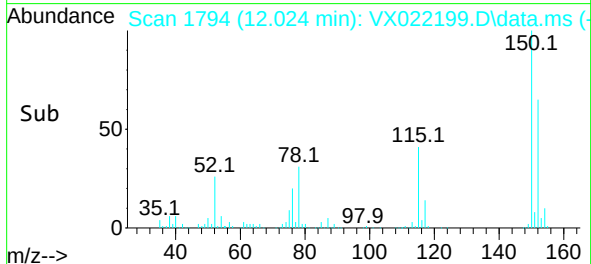
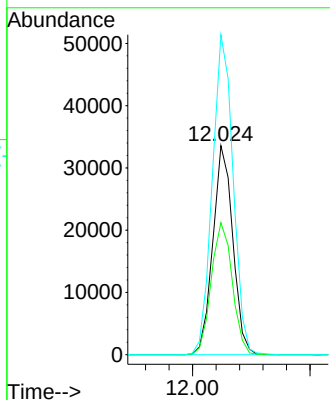
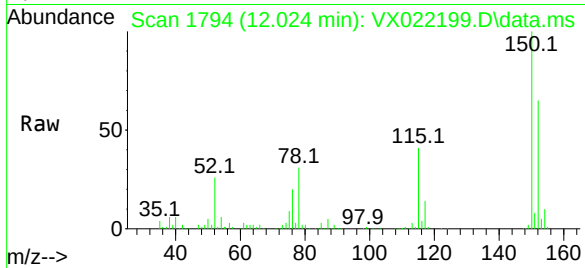




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022199.D
 Acq: 26 May 2021 15:54

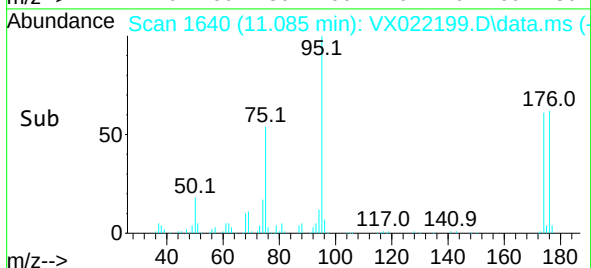
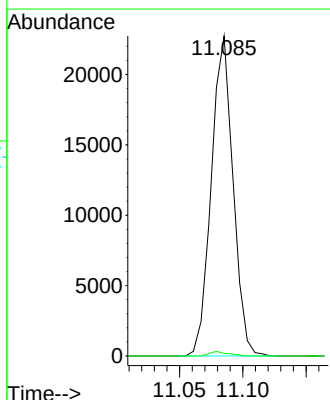
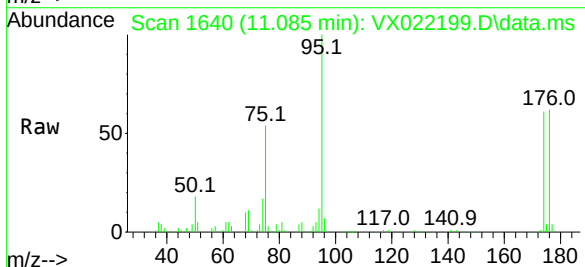
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20210525

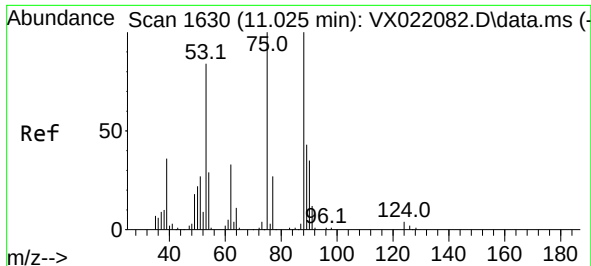
Tgt Ion:152 Resp: 39666
 Ion Ratio Lower Upper
 152 100
 115 66.3 41.1 123.3
 150 158.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.78 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022199.D
 Acq: 26 May 2021 15:54

Tgt Ion: 75 Resp: 27186
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

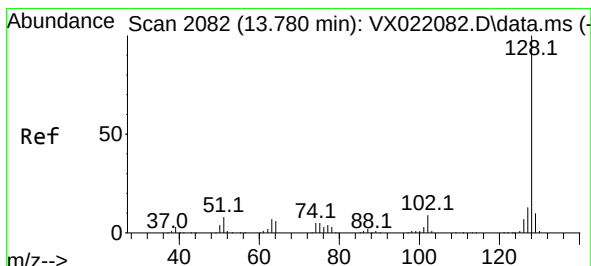
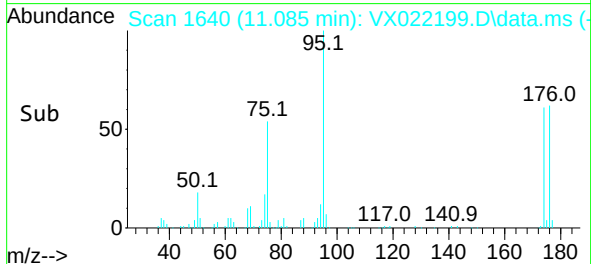
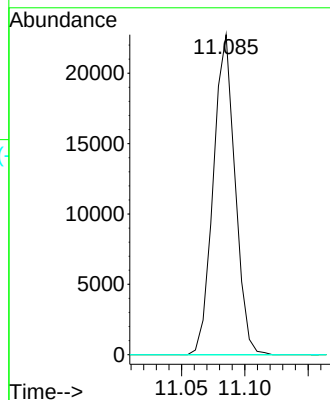
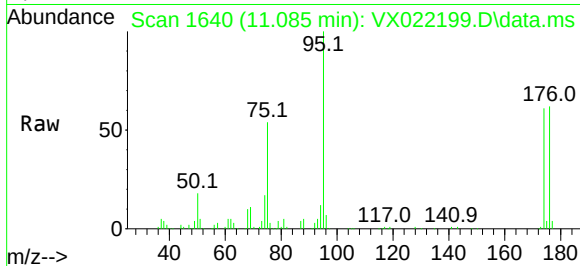




#81
trans-1,4-Dichloro-2-butene
Concen: 65.82 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210525

Tgt Ion: 75 Resp: 27186
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.30 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022199.D
Acq: 26 May 2021 15:54

Tgt Ion:128 Resp: 10238
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.1 8.8 13.2

