

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024018.D
 Acq On : 30 Aug 2021 16:40
 Operator : JC/MD
 Sample : M3583-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20210827

Quant Time: Aug 31 03:12:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

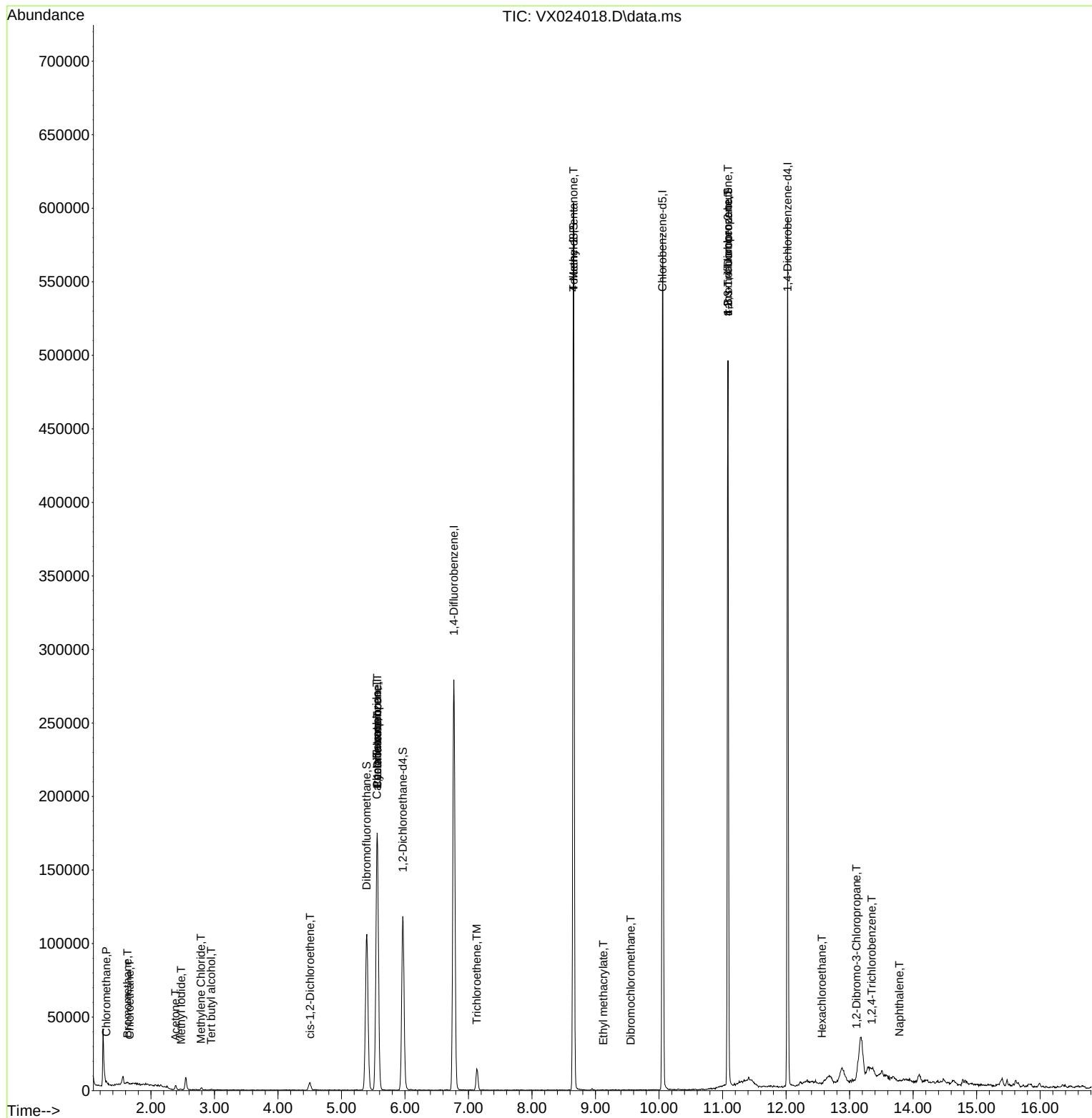
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	160841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	278525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	119365	53.173	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	106.340%	
35) Dibromofluoromethane	5.397	113	90529	49.108	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.220%	
50) Toluene-d8	8.653	98	339050	48.322	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.640%	
62) 4-Bromofluorobenzene	11.085	95	128052	49.576	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	605	0.325	ug/l	89
5) Bromomethane	1.630	94	684	0.599	ug/l	87
6) Chloroethane	1.666	64	256	2.379	ug/l #	43
10) Methyl Iodide	2.477	142	574	0.255	ug/l #	82
11) Tert butyl alcohol	2.947	59	142	0.313	ug/l #	73
16) Acetone	2.386	43	3223	3.211	ug/l	99
20) Methylene Chloride	2.788	84	535	0.279	ug/l #	78
27) cis-1,2-Dichloroethene	4.507	96	2938	1.498	ug/l	94
31) Cyclohexane	5.562	56	3843	1.333	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	13039	5.055	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17501	6.507	ug/l #	15
44) Trichloroethene	7.129	130	5677	2.694	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	1640	0.512	ug/l #	1
56) Ethyl methacrylate	9.122	69	21	0.765	ug/l #	1
60) Dibromochloromethane	9.555	129	18	1.696	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	69073	26.207	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	69073	77.090	ug/l #	12
90) Hexachloroethane	12.567	117	20	1.482	ug/l	61
92) 1,2-Dibromo-3-Chloropr...	13.109	75	125	2.342	ug/l	76
93) 1,2,4-Trichlorobenzene	13.347	180	1654	0.739	ug/l #	13
95) Naphthalene	13.786	128	301	1.318	ug/l #	73

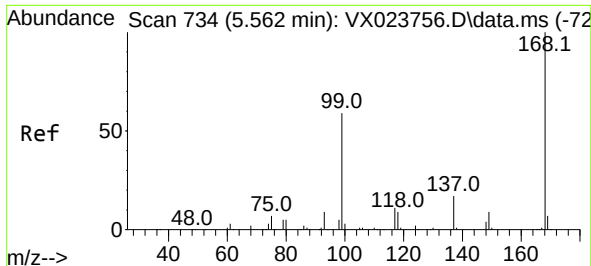
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
Data File : VX024018.D
Acq On : 30 Aug 2021 16:40
Operator : JC/MD
Sample : M3583-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

Quant Time: Aug 31 03:12:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

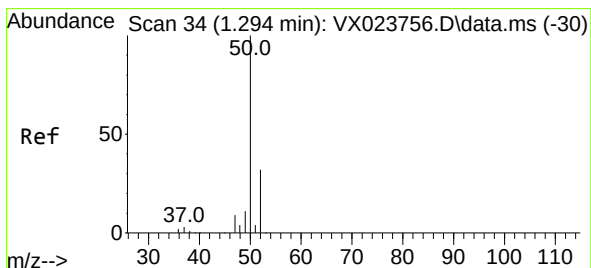
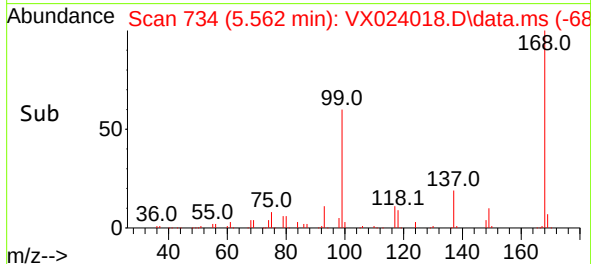
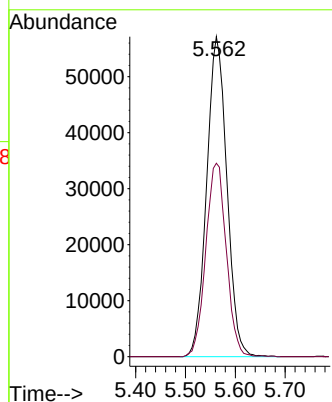
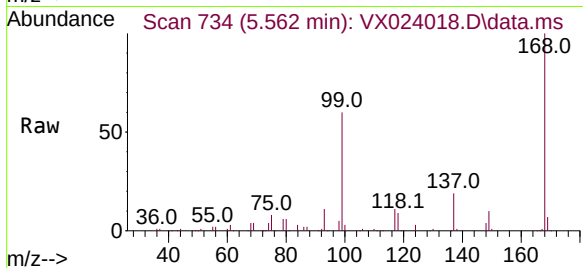




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

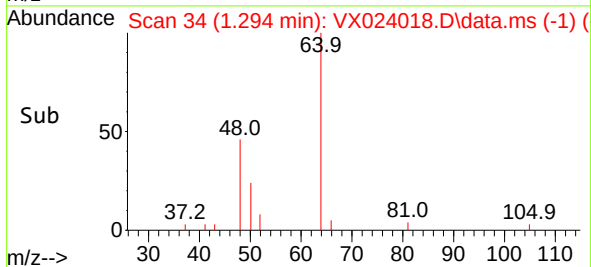
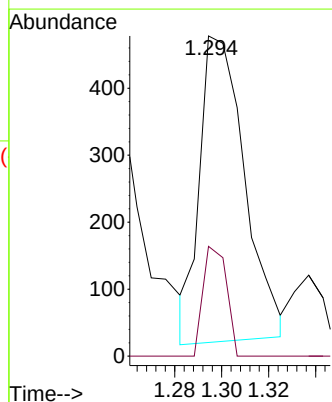
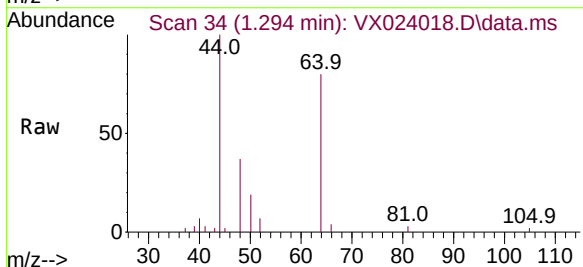
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

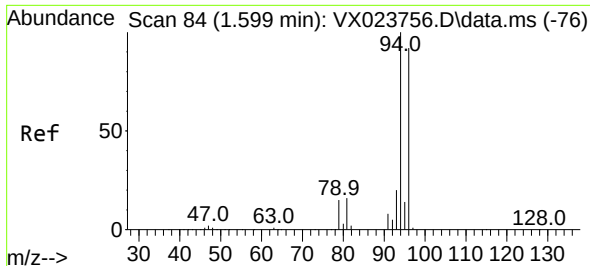
Tgt Ion:168 Resp: 160841
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#3
Chloromethane
Concen: 0.325 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Tgt Ion: 50 Resp: 605
Ion Ratio Lower Upper
50 100
52 39.3 26.4 39.6

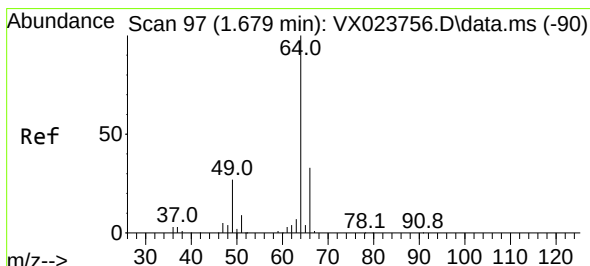
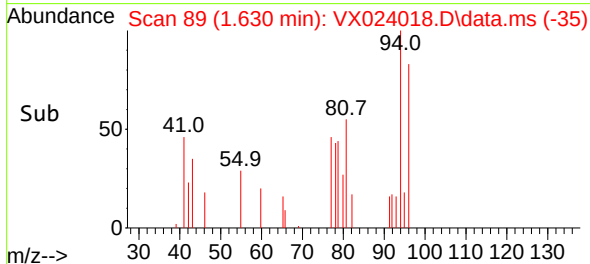
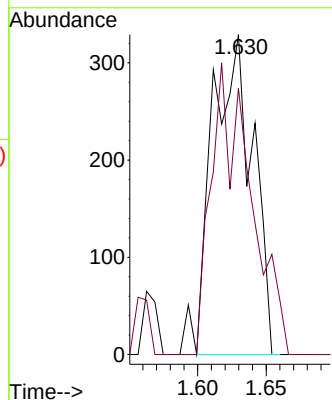
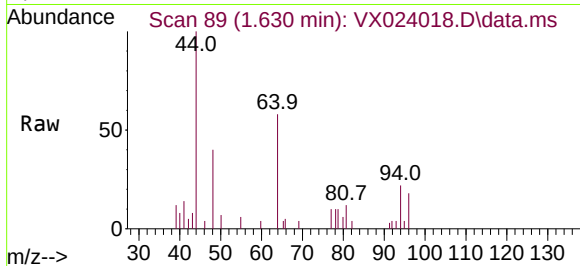




#5
Bromomethane
Concen: 0.599 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

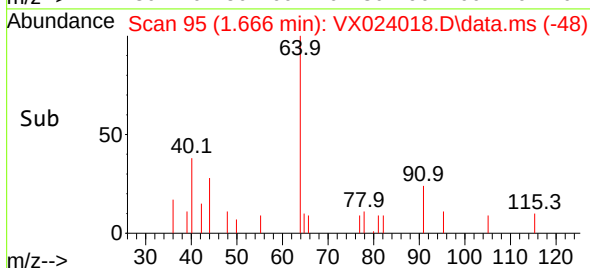
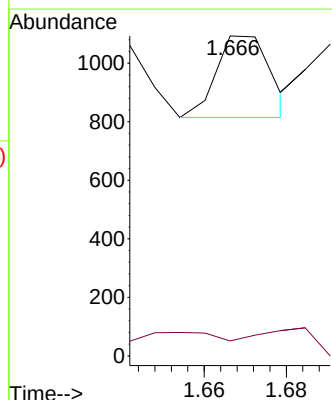
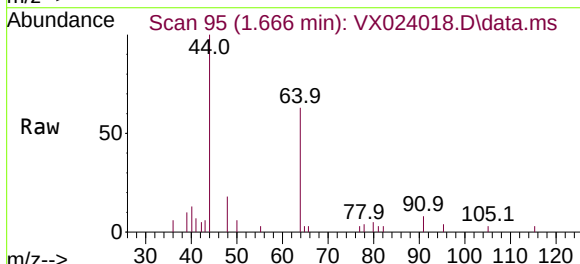
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

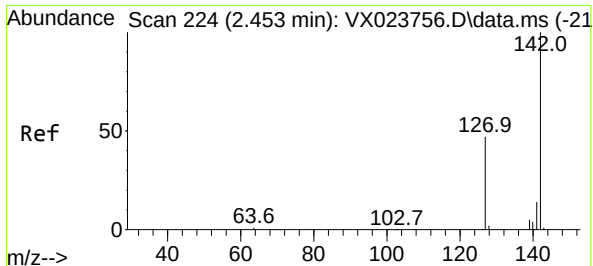
Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 83.3 76.4 114.6



#6
Chloroethane
Concen: 2.379 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

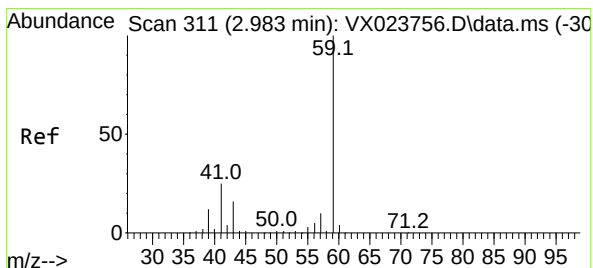
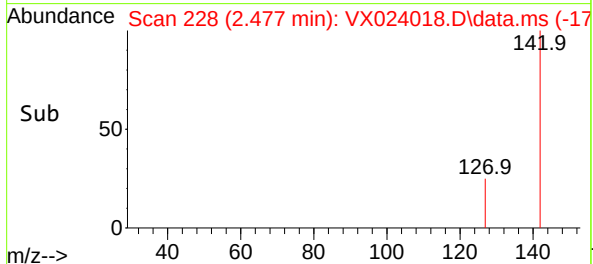
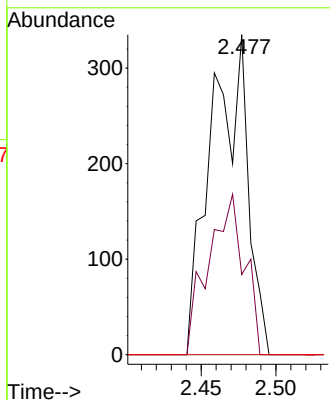
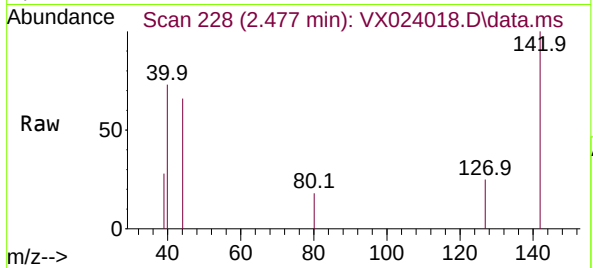




#10
Methyl Iodide
Concen: 0.255 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

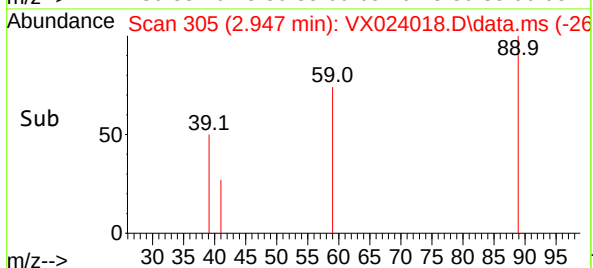
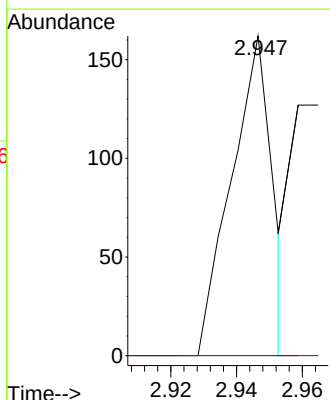
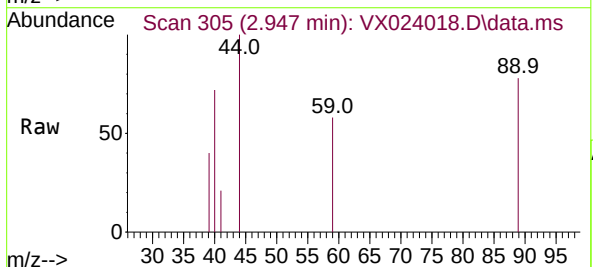
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

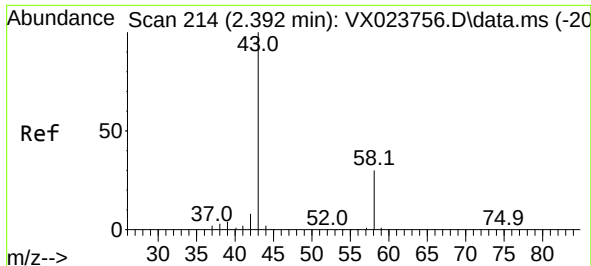
Tgt Ion:142 Resp: 574
Ion Ratio Lower Upper
142 100
127 49.0 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.313 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

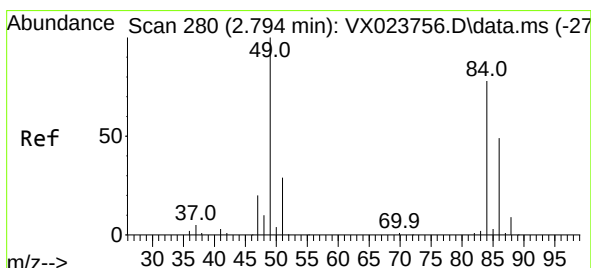
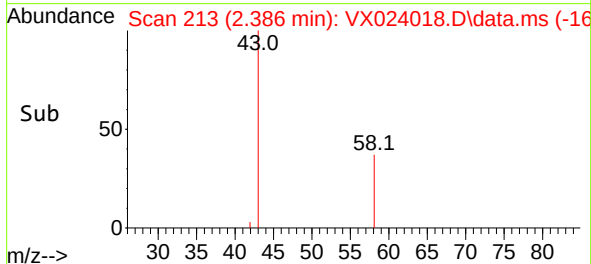
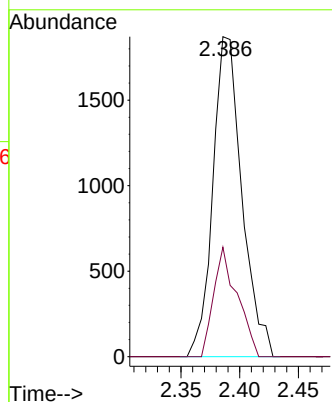
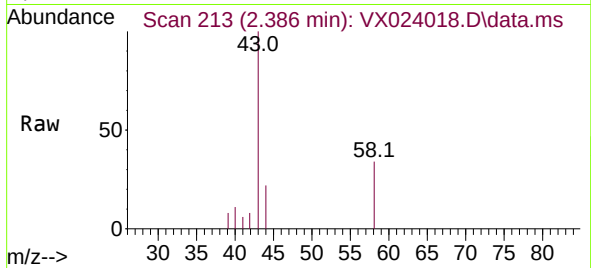




#16
Acetone
Concen: 3.211 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

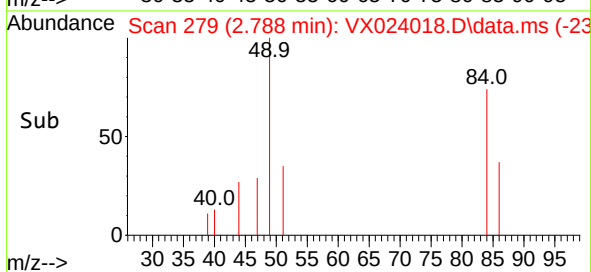
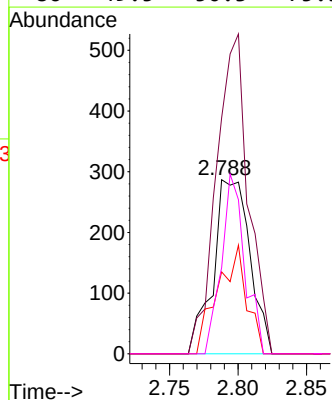
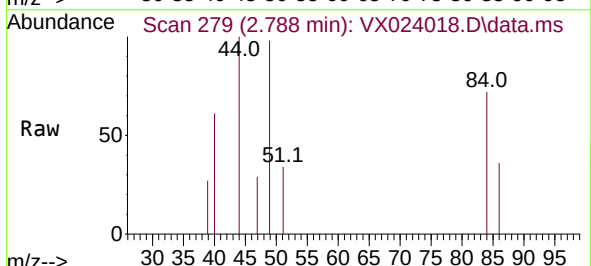
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

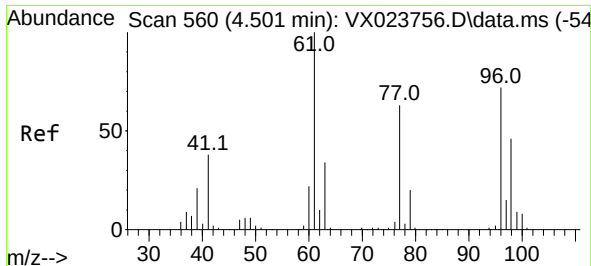
Tgt Ion: 43 Resp: 3223
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Tgt Ion: 84 Resp: 535
Ion Ratio Lower Upper
84 100
49 135.5 88.6 132.8#
51 47.0 27.0 40.6#
86 49.5 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 1.498 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.006 min

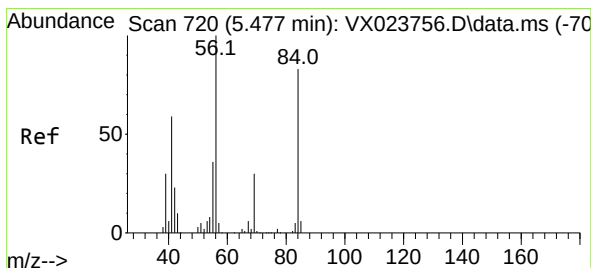
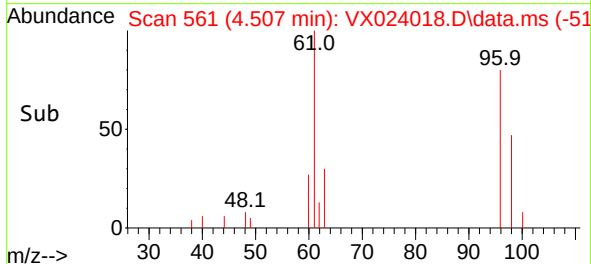
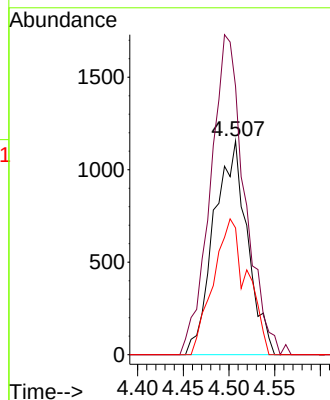
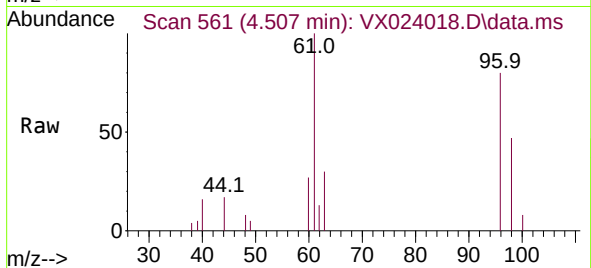
Lab File: VX024018.D

Acq: 30 Aug 2021 16:40

Tgt Ion: 96 Resp: 2938

Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	285.6
98	64.7	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827



#31

Cyclohexane

Concen: 1.333 ug/l

RT: 5.562 min Scan# 734

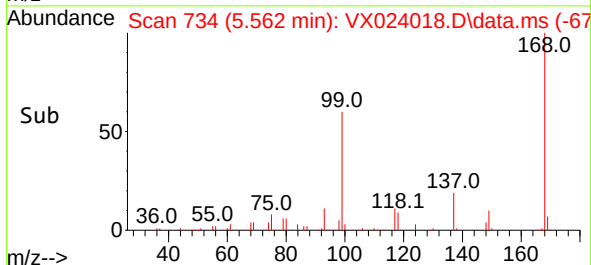
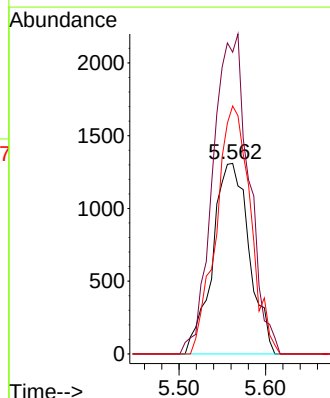
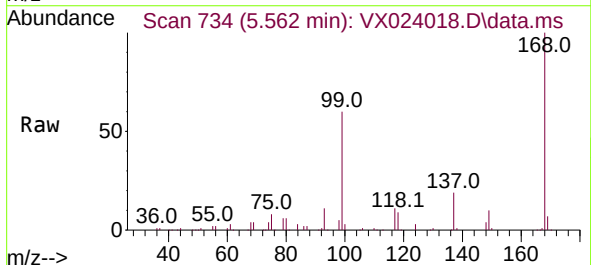
Delta R.T. 0.085 min

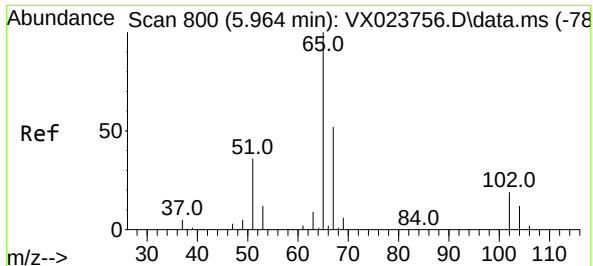
Lab File: VX024018.D

Acq: 30 Aug 2021 16:40

Tgt Ion: 56 Resp: 3843

Ion	Ratio	Lower	Upper
56	100		
69	158.4	25.3	37.9#
84	130.2	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.173 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024018.D

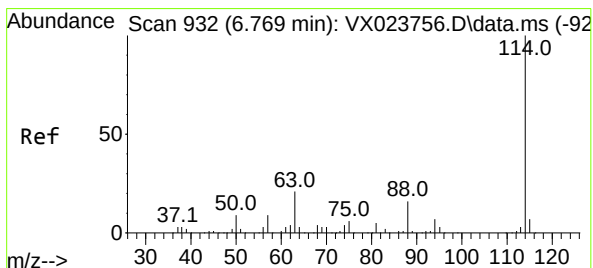
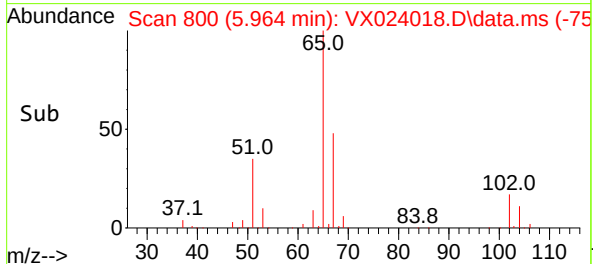
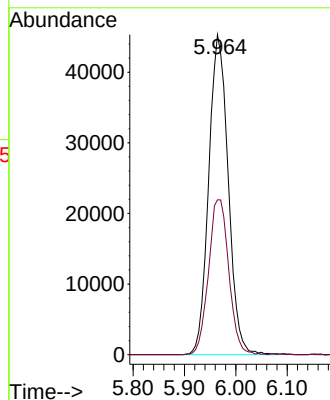
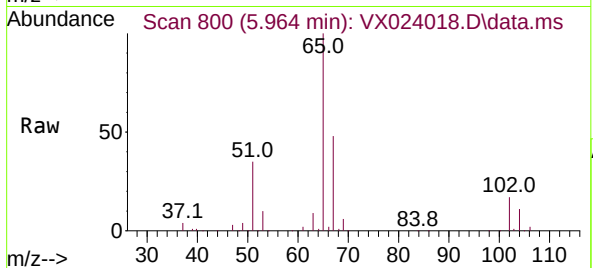
Acq: 30 Aug 2021 16:40

Tgt Ion: 65 Resp: 119365

Ion Ratio Lower Upper

65 100

67 50.5 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: VX024018.D

Acq: 30 Aug 2021 16:40

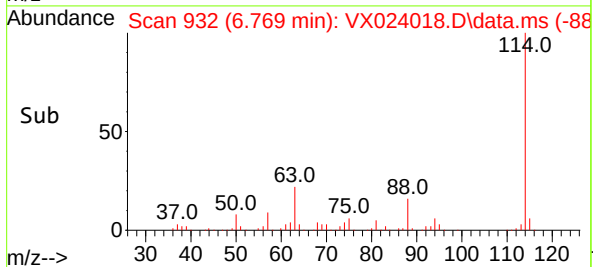
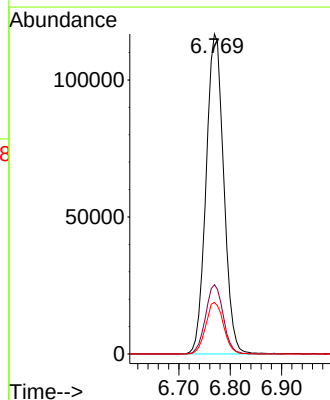
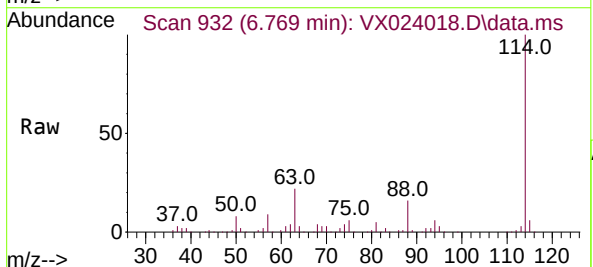
Tgt Ion: 114 Resp: 278525

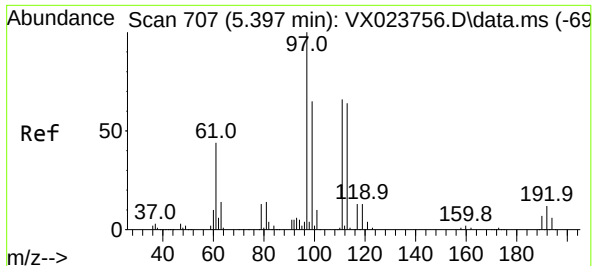
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.108 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024018.D

Acq: 30 Aug 2021 16:40

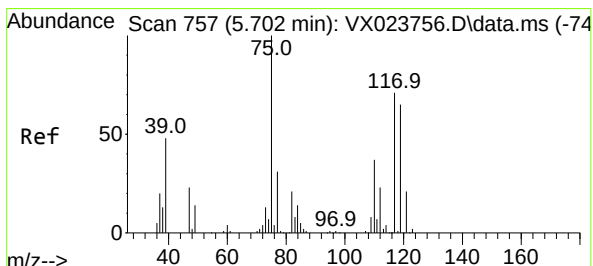
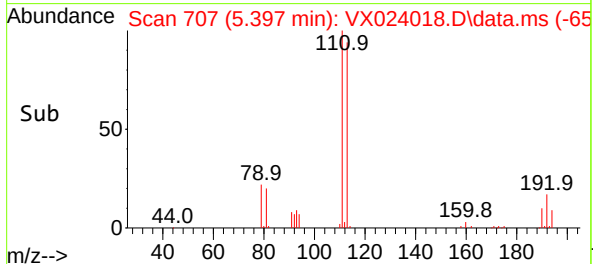
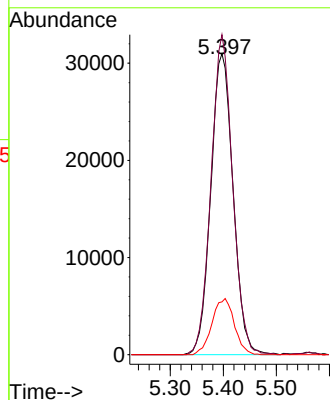
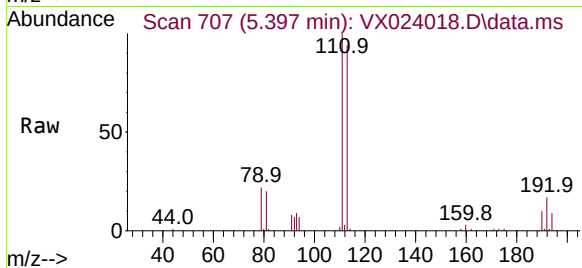
Tgt Ion:113 Resp: 90529

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 18.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024018.D

Acq: 30 Aug 2021 16:40

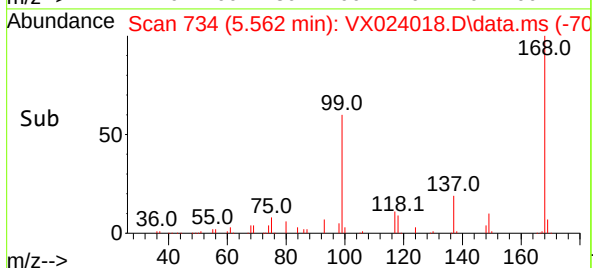
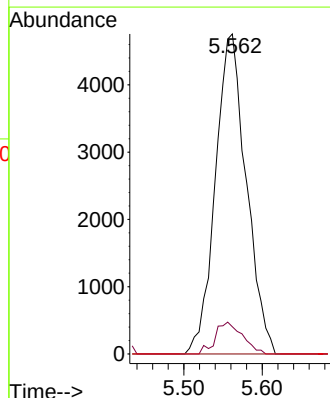
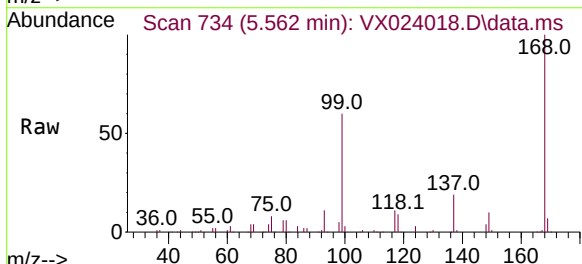
Tgt Ion: 75 Resp: 13039

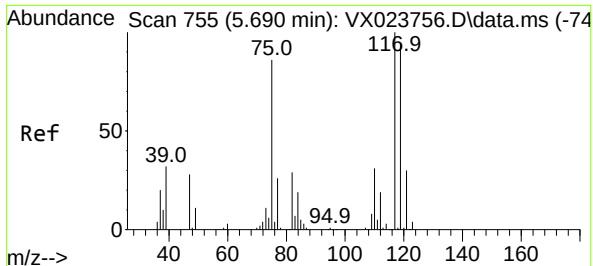
Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

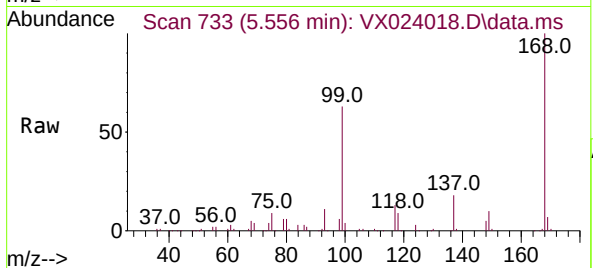
77 0.0 25.3 37.9#



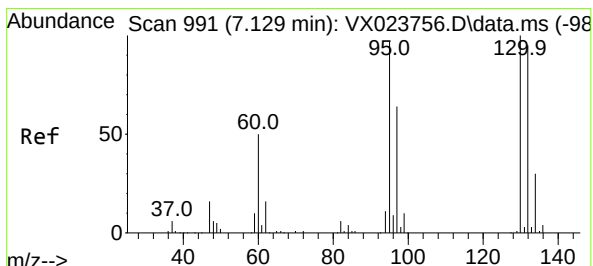
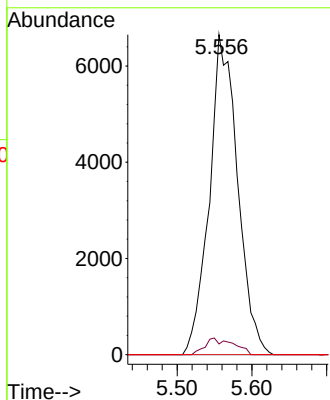
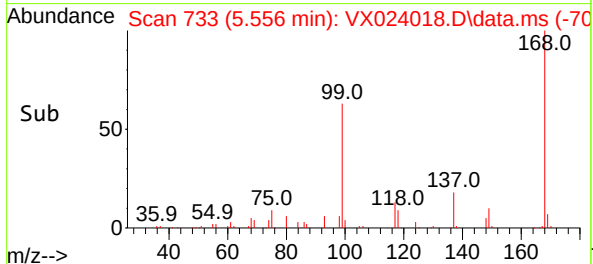


#38
Carbon Tetrachloride
Concen: 6.507 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

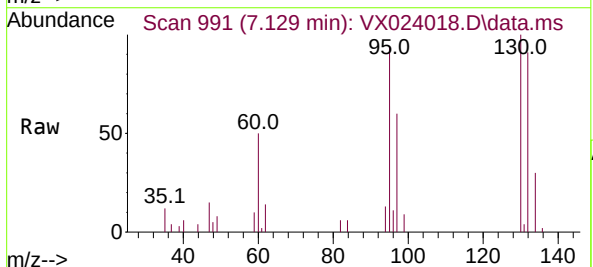
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827



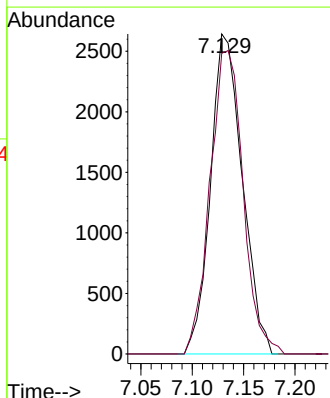
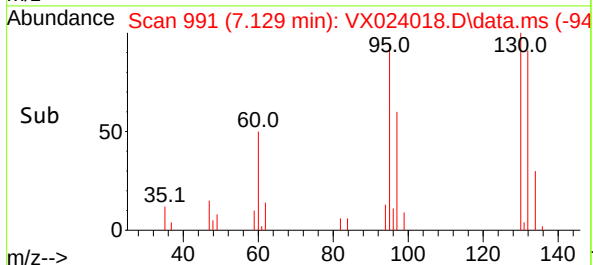
Tgt Ion:117 Resp: 17501
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#

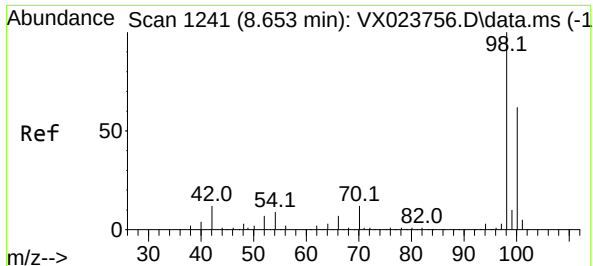


#44
Trichloroethene
Concen: 2.694 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40



Tgt Ion:130 Resp: 5677
Ion Ratio Lower Upper
130 100
95 93.9 0.0 198.0

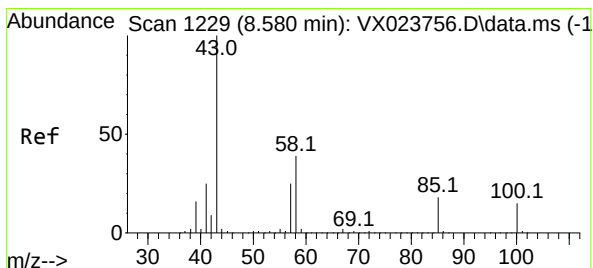
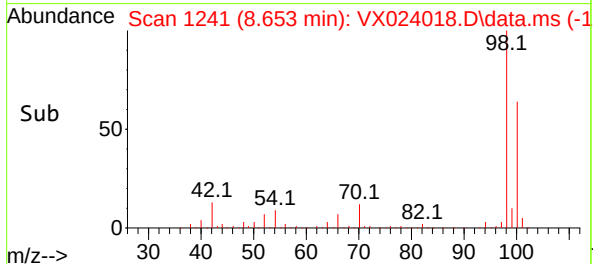
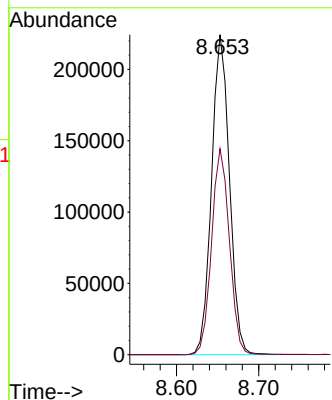
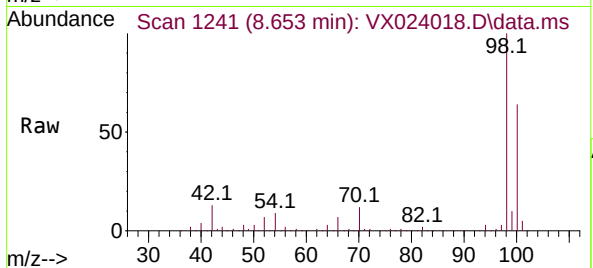




#50
Toluene-d8
Concen: 48.322 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

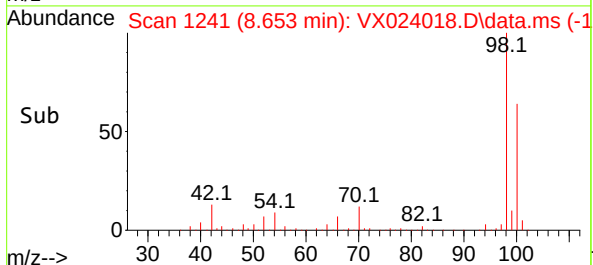
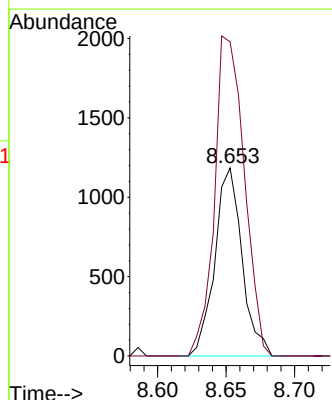
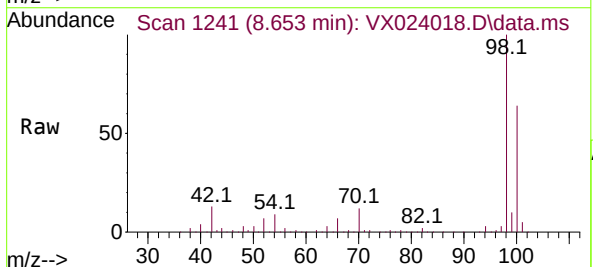
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

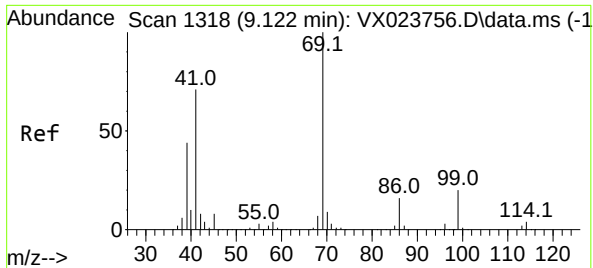
Tgt Ion: 98 Resp: 339050
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
58 185.6 35.4 53.0#

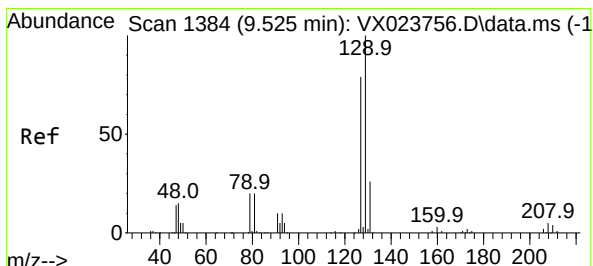
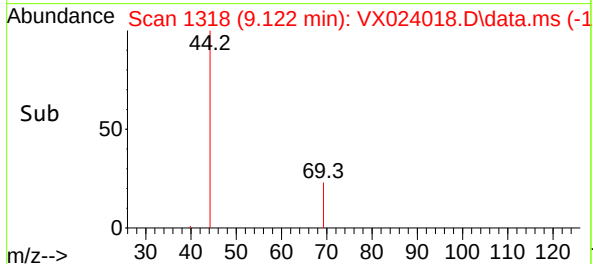
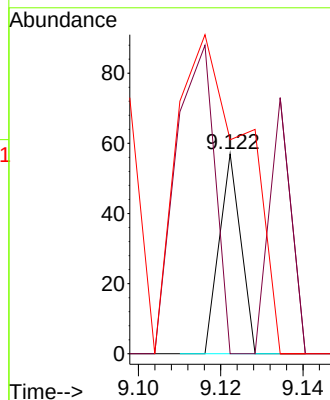
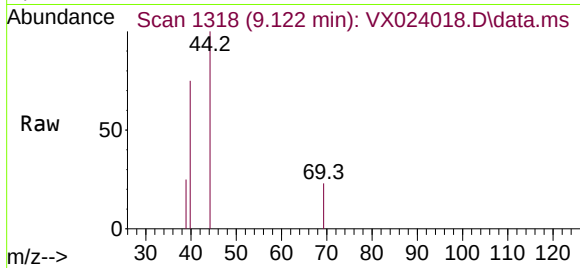




#56
Ethyl methacrylate
Concen: 0.765 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

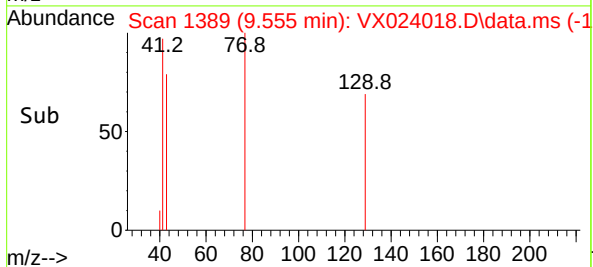
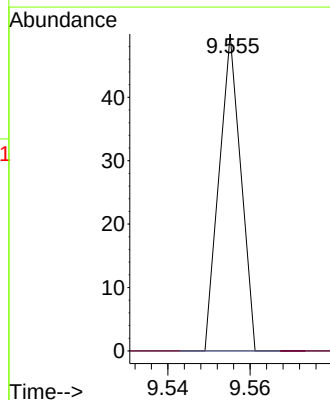
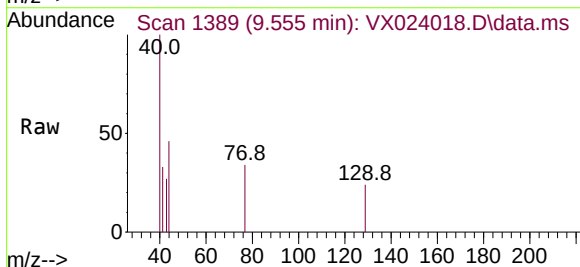
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

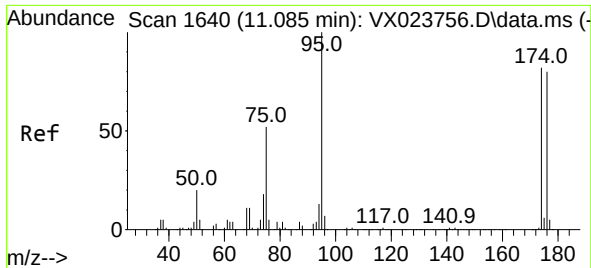
Tgt Ion: 69 Resp: 21
Ion Ratio Lower Upper
69 100
41 271.4 46.8 70.2#
39 500.0 24.7 37.1#



#60
Dibromochloromethane
Concen: 1.696 ug/l
RT: 9.555 min Scan# 1389
Delta R.T. 0.030 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Tgt Ion: 129 Resp: 18
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

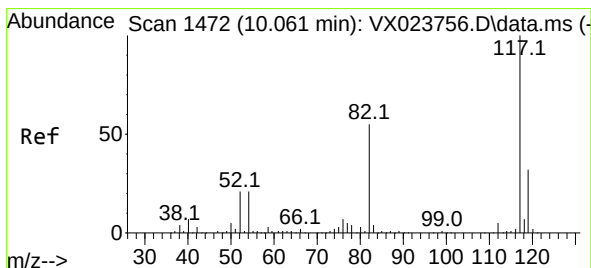
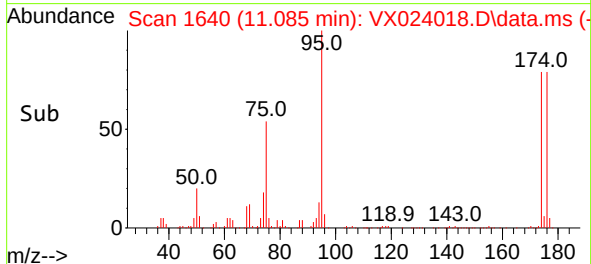
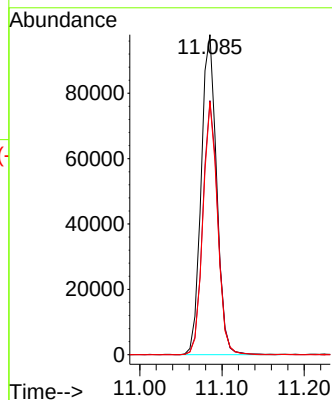
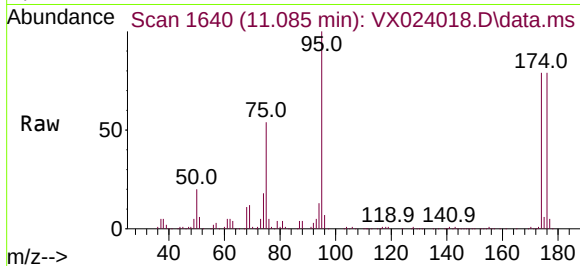




#62
4-Bromofluorobenzene
Concen: 49.576 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

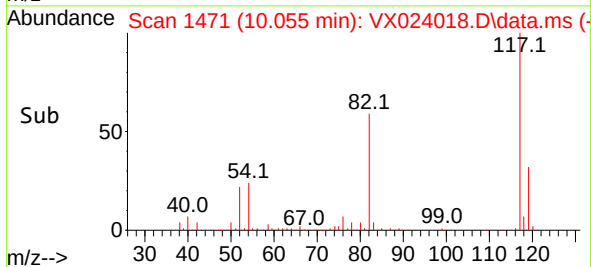
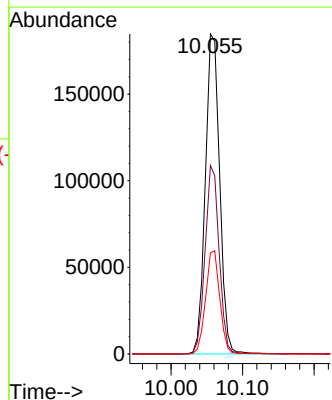
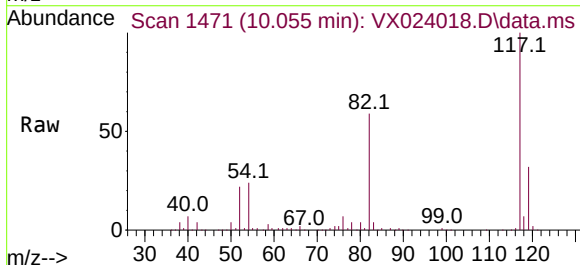
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

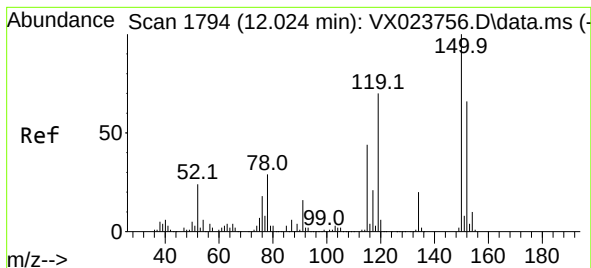
Tgt Ion: 95 Resp: 128052
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Tgt Ion: 117 Resp: 258036
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.6 26.6 39.8

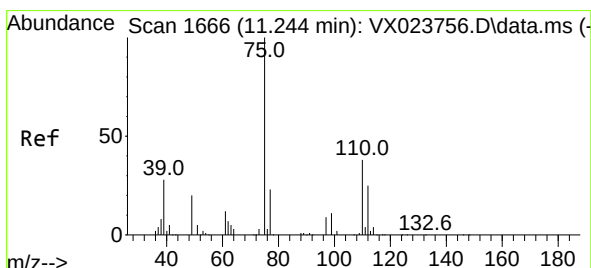
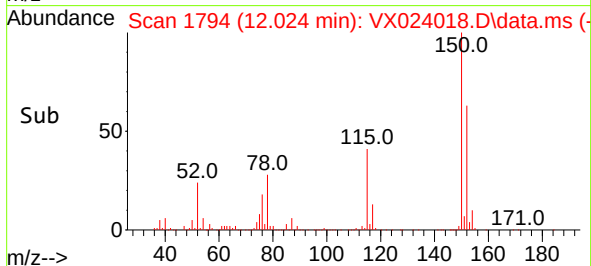
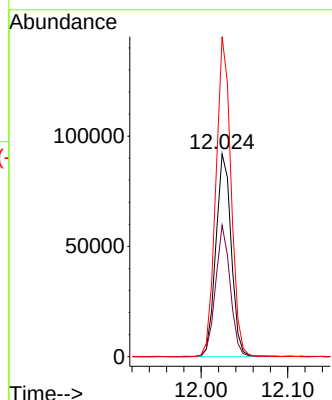
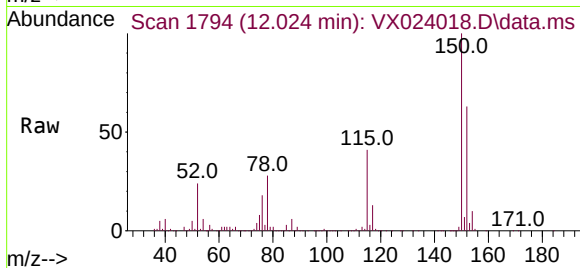




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024018.D
 Acq: 30 Aug 2021 16:40

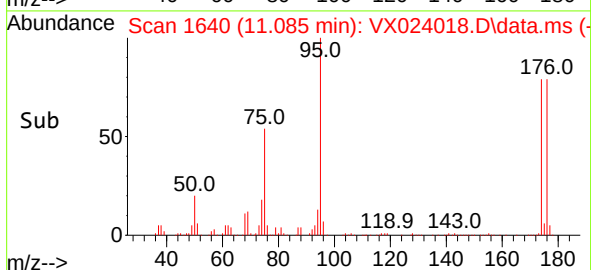
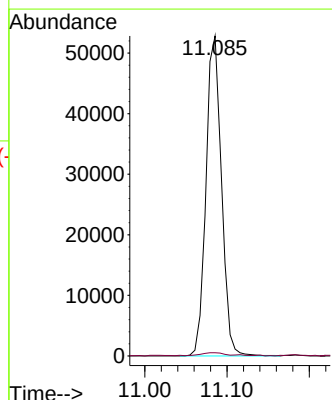
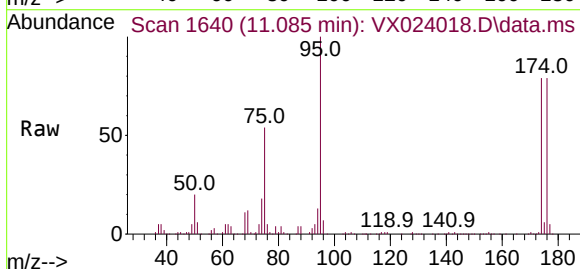
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20210827

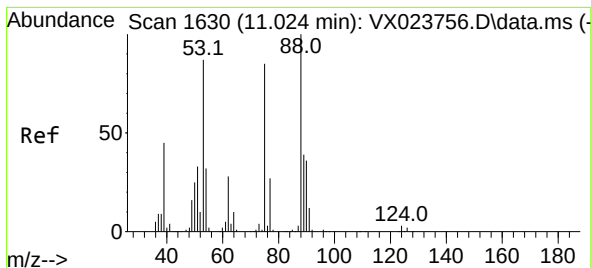
Tgt Ion:152 Resp: 112984
 Ion Ratio Lower Upper
 152 100
 115 62.0 41.1 123.3
 150 155.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.207 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024018.D
 Acq: 30 Aug 2021 16:40

Tgt Ion: 75 Resp: 69073
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#

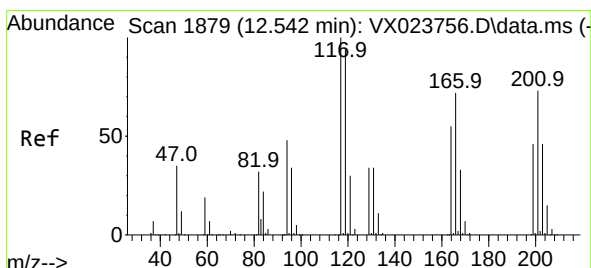
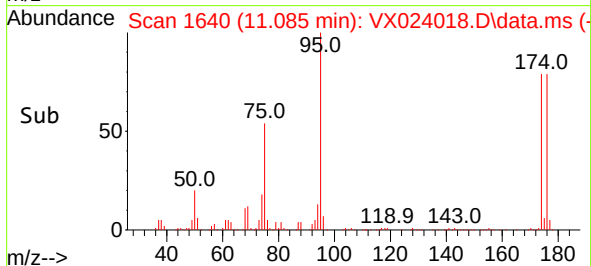
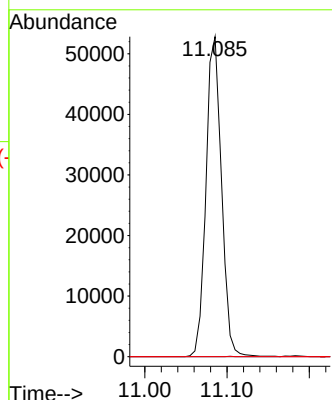
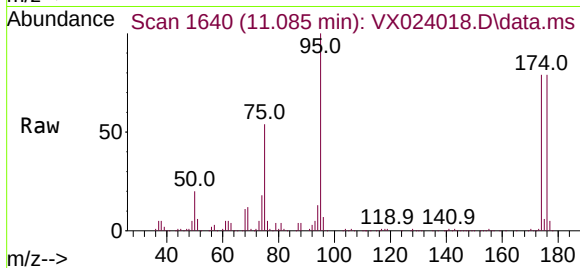




#81
trans-1,4-Dichloro-2-butene
Concen: 77.090 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

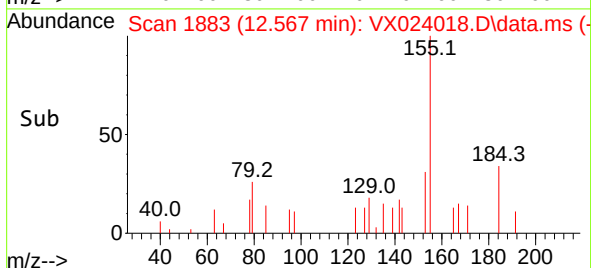
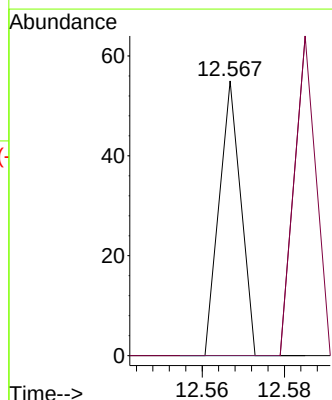
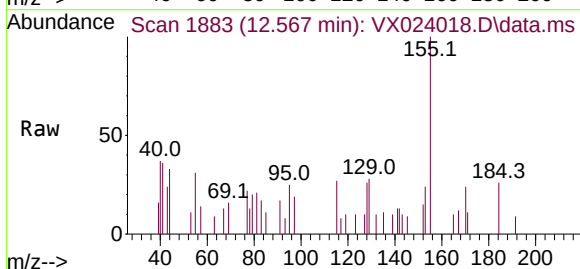
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827

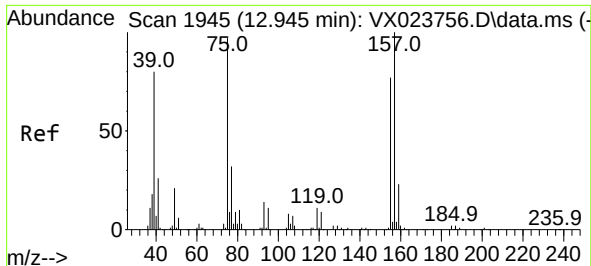
Tgt Ion: 75 Resp: 69073
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.482 ug/l
RT: 12.567 min Scan# 1883
Delta R.T. 0.025 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Tgt Ion: 117 Resp: 20
Ion Ratio Lower Upper
117 100
201 115.0 40.4 121.2

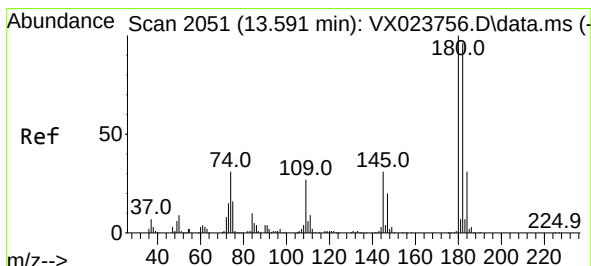
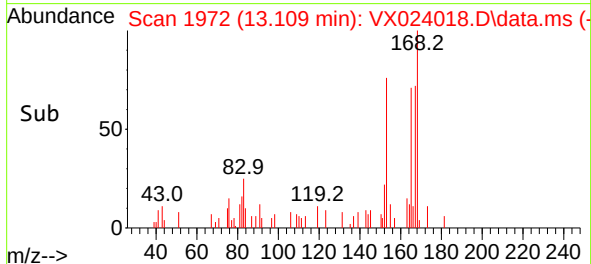
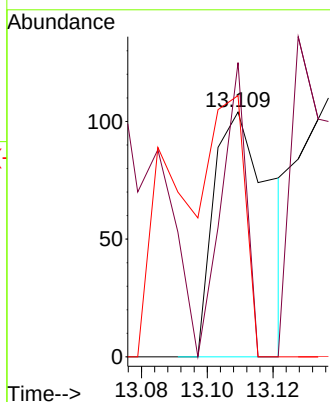
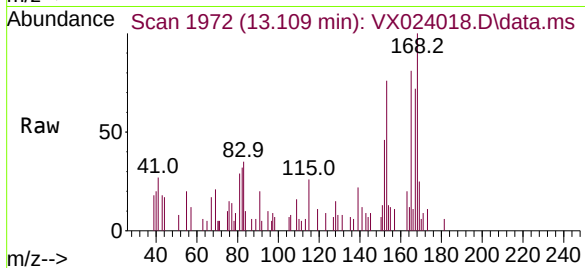




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.342 ug/l
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.164 min
 Lab File: VX024018.D
 Acq: 30 Aug 2021 16:40

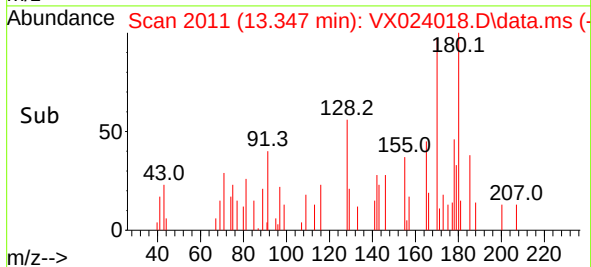
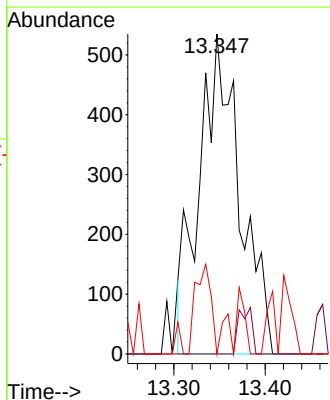
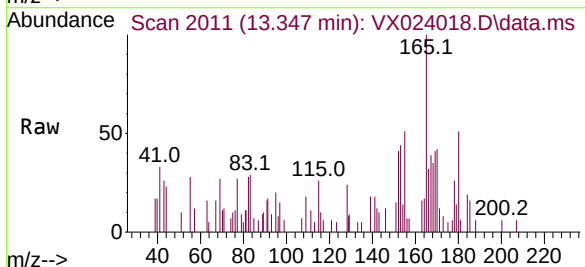
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20210827

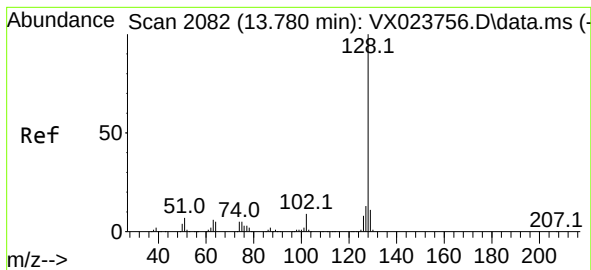
Tgt Ion: 75 Resp: 125
 Ion Ratio Lower Upper
 75 100
 155 52.8 45.3 135.9
 157 127.2 57.7 173.1



#93
 1,2,4-Trichlorobenzene
 Concen: 0.739 ug/l
 RT: 13.347 min Scan# 2011
 Delta R.T. -0.244 min
 Lab File: VX024018.D
 Acq: 30 Aug 2021 16:40

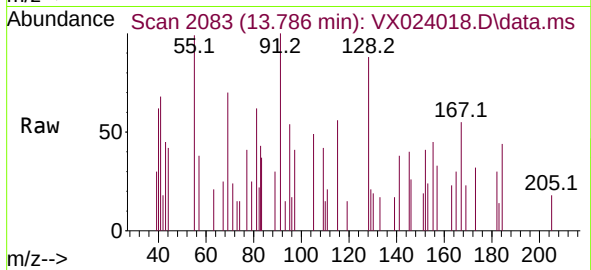
Tgt Ion: 180 Resp: 1654
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.7 143.1#
 145 1.5 15.0 45.0#





#95
Naphthalene
Concen: 1.318 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024018.D
Acq: 30 Aug 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210827



Tgt Ion:128 Resp: 301
Ion Ratio Lower Upper
128 100
127 23.6 10.3 15.5#
129 20.9 8.8 13.2#

