

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033418.D
 Acq On : 14 Dec 2022 14:44
 Operator : JC/MD
 Sample : N6049-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR-04-186-205-121322

Quant Time: Dec 14 22:49:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

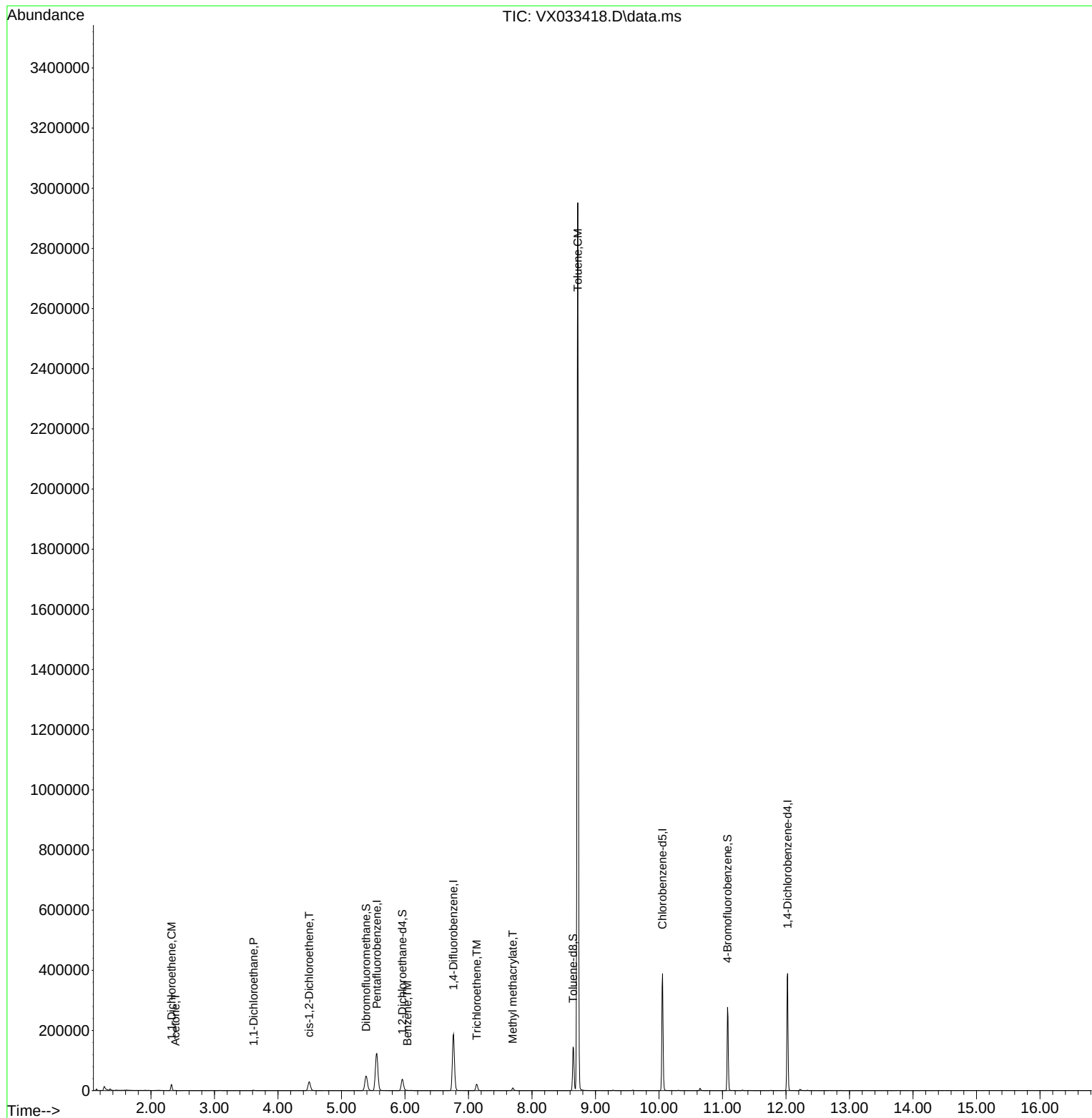
Internal Standards						
1) Pentafluorobenzene	5.556	168	121300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37819	48.599	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.200%
35) Dibromofluoromethane	5.385	113	42698	49.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	8.647	98	89476	49.309	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	71364	51.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.860%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	7146	6.498	ug/l	92
16) Acetone	2.386	43	905	1.572	ug/l	97
24) 1,1-Dichloroethane	3.617	63	1721	0.778	ug/l #	89
27) cis-1,2-Dichloroethene	4.489	96	18919	13.160	ug/l	89
40) Benzene	6.038	78	1364	0.277	ug/l #	89
44) Trichloroethene	7.129	130	8504	6.255	ug/l	98
48) Methyl methacrylate	7.696	41	4354	3.280	ug/l	93
52) Toluene	8.720	92	1098386	344.522	ug/l	98

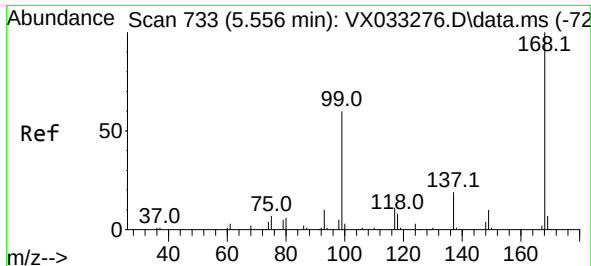
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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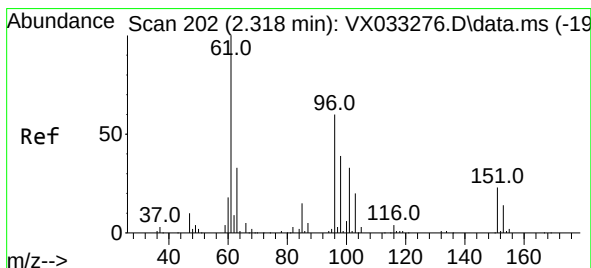
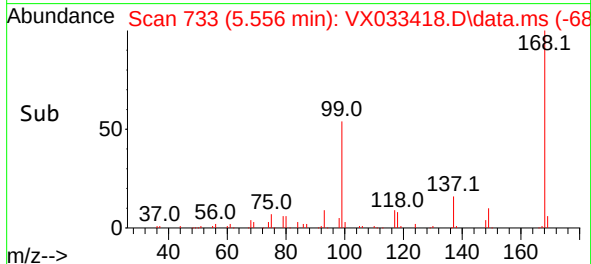
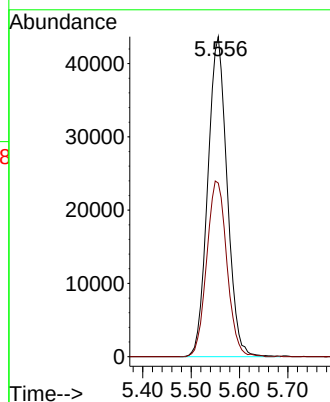
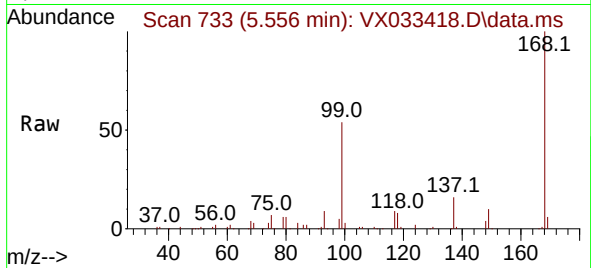




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

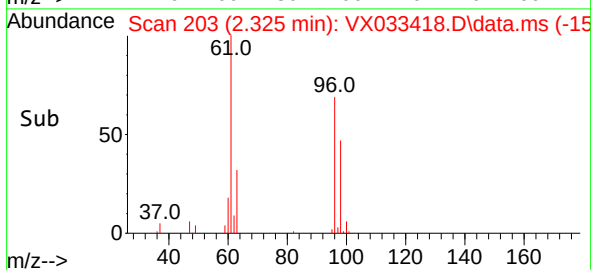
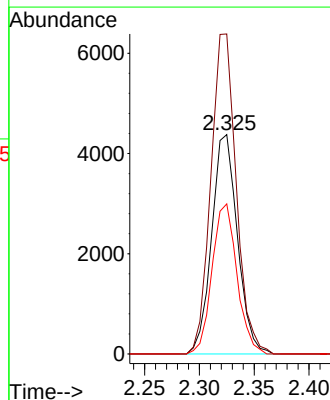
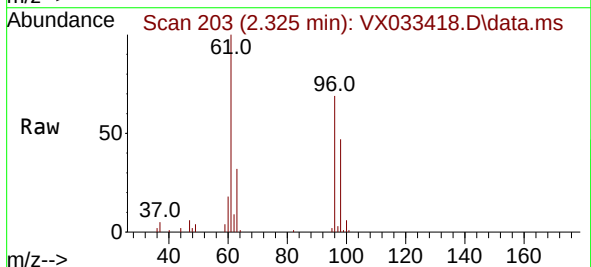
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-186-205-121322

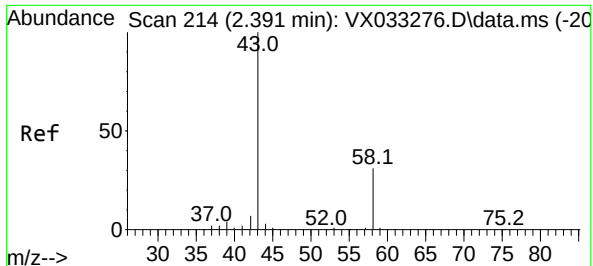
Tgt Ion:168 Resp: 121300
Ion Ratio Lower Upper
168 100
99 54.3 46.1 69.1



#12
1,1-Dichloroethene
Concen: 6.498 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

Tgt Ion: 96 Resp: 7146
Ion Ratio Lower Upper
96 100
61 145.9 125.1 187.7
98 68.4 50.6 76.0

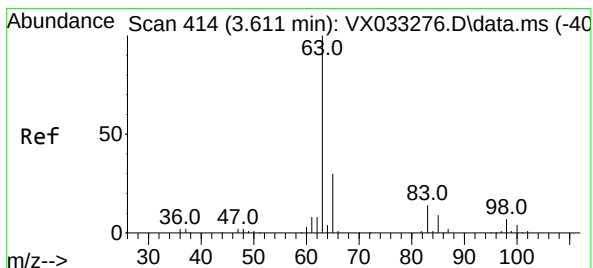
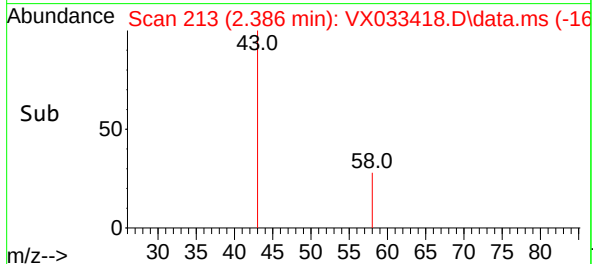
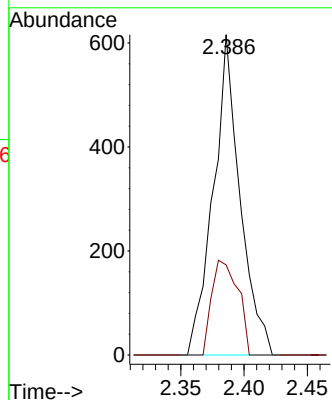
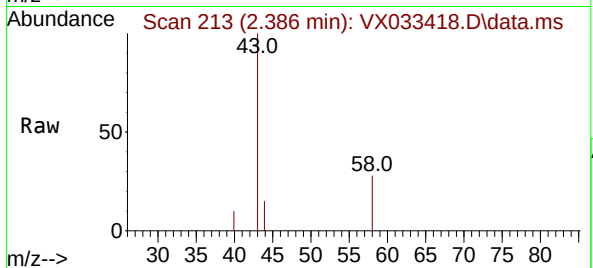




#16
Acetone
Concen: 1.572 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

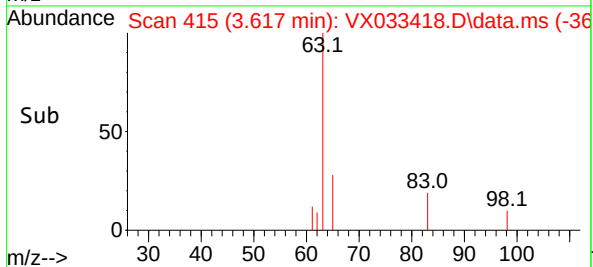
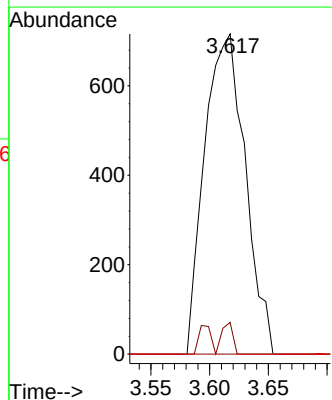
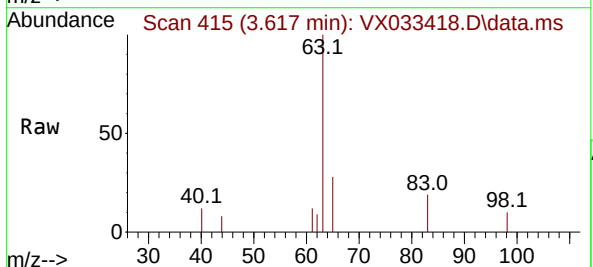
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-186-205-121322

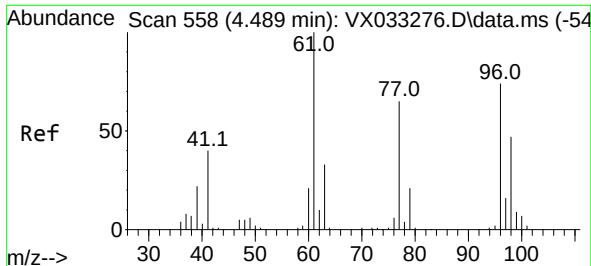
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 28.1 23.8 35.8



#24
1,1-Dichloroethane
Concen: 0.778 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.007 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

Tgt Ion: 63 Resp: 1721
Ion Ratio Lower Upper
63 100
98 9.9 3.5 10.4
100 0.0 2.3 6.8





#27

cis-1,2-Dichloroethene

Concen: 13.160 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033418.D

Acq: 14 Dec 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

GW-BR-04-186-205-121322

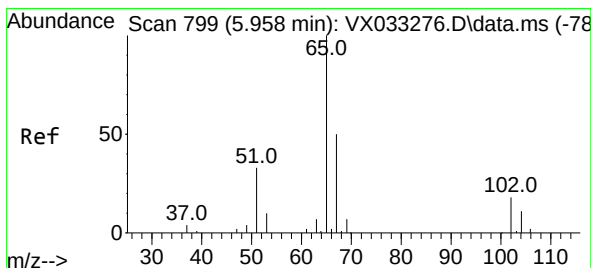
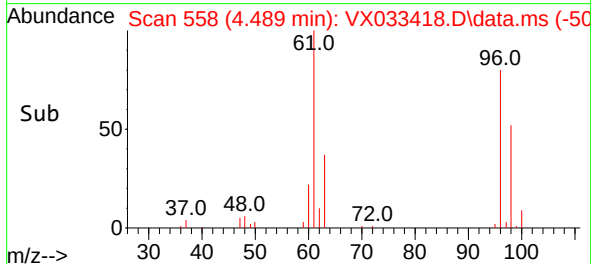
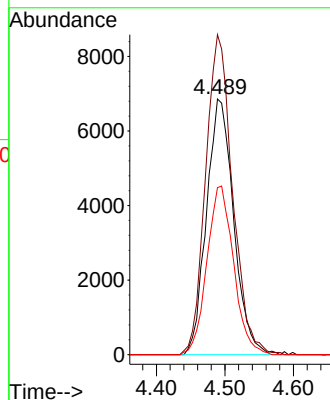
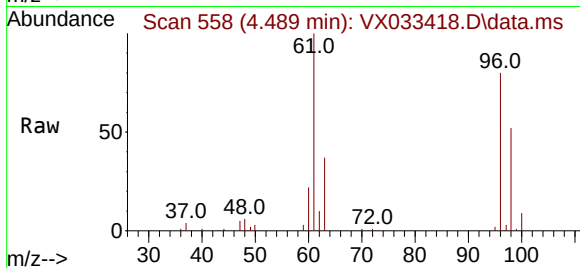
Tgt Ion: 96 Resp: 18919

Ion Ratio Lower Upper

96 100

61 123.9 0.0 286.0

98 64.7 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 48.599 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033418.D

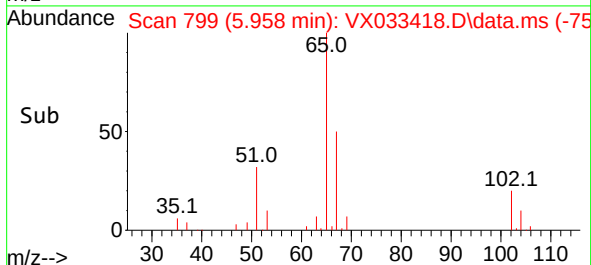
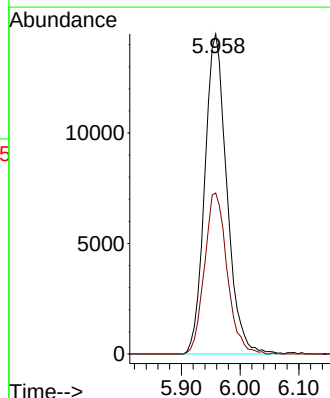
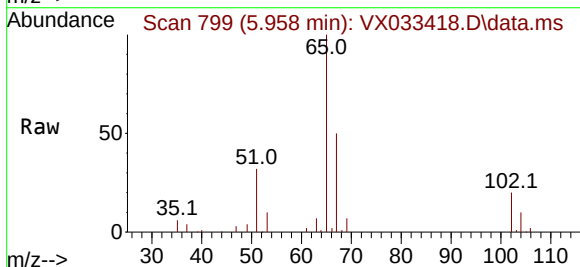
Acq: 14 Dec 2022 14:44

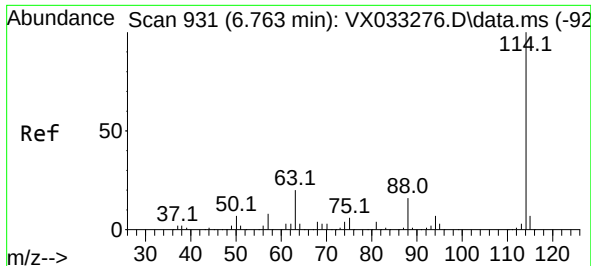
Tgt Ion: 65 Resp: 37819

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8

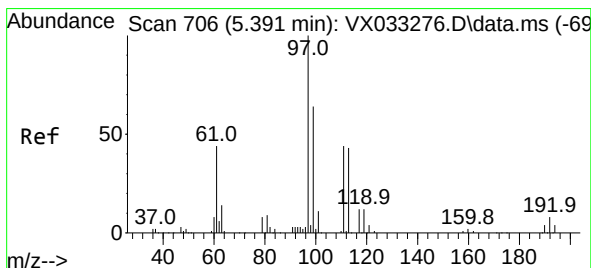
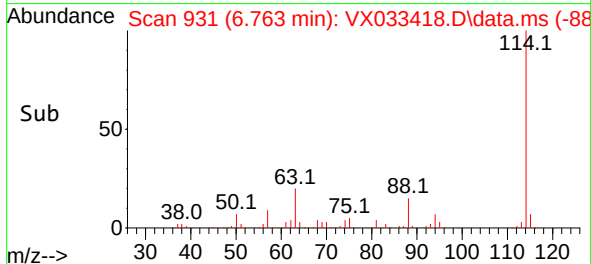
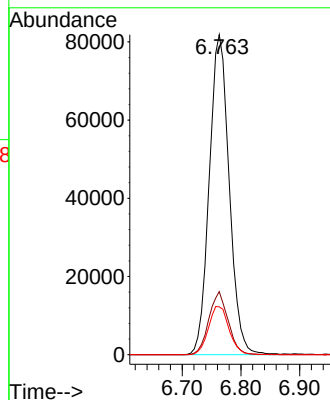
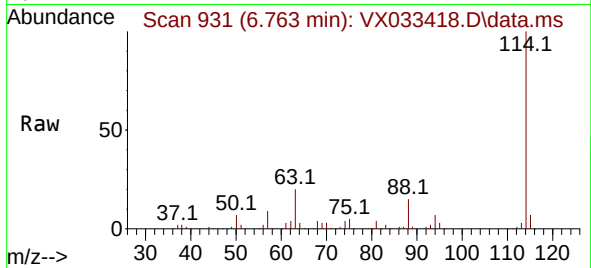




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

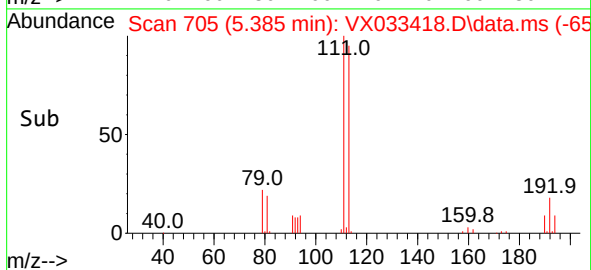
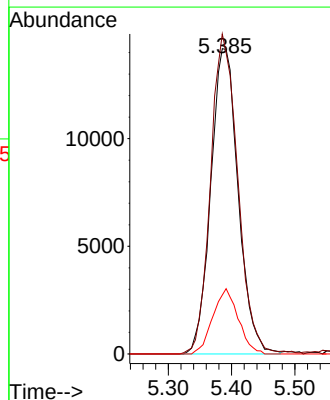
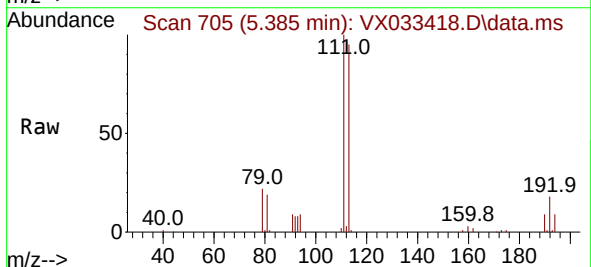
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-186-205-121322

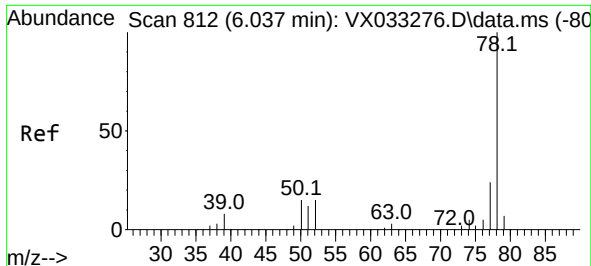
Tgt Ion:114 Resp: 192856
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

Tgt Ion:113 Resp: 42698
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 19.8 15.4 23.2





#40

Benzene

Concen: 0.277 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033418.D

Acq: 14 Dec 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

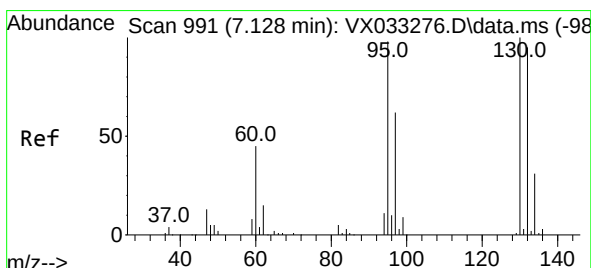
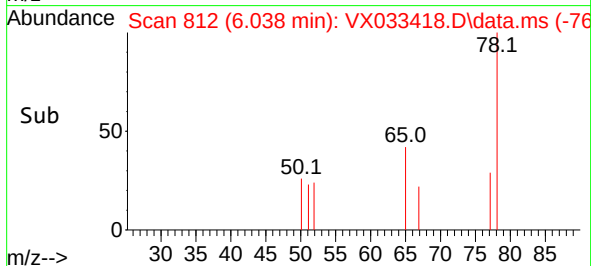
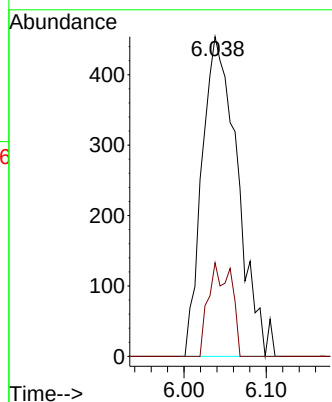
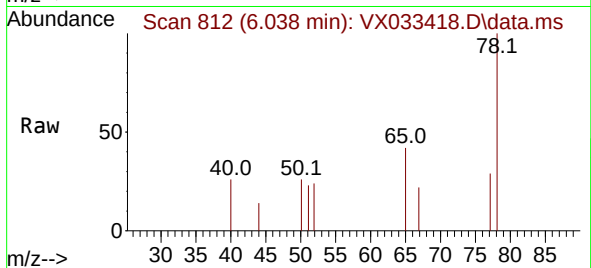
GW-BR-04-186-205-121322

Tgt Ion: 78 Resp: 1364

Ion Ratio Lower Upper

78 100

77 29.3 19.0 28.4#



#44

Trichloroethene

Concen: 6.255 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX033418.D

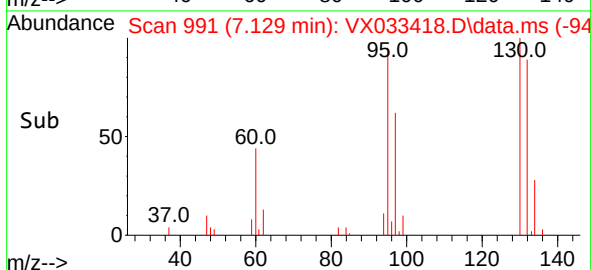
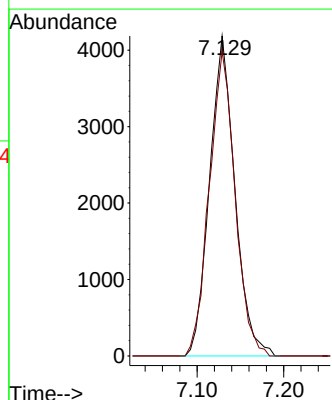
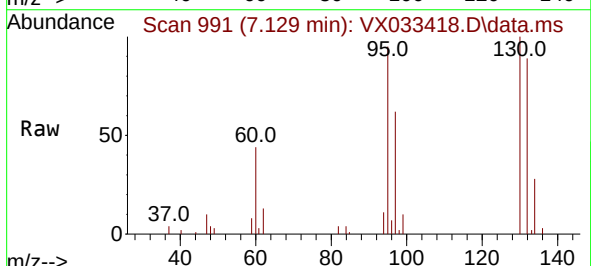
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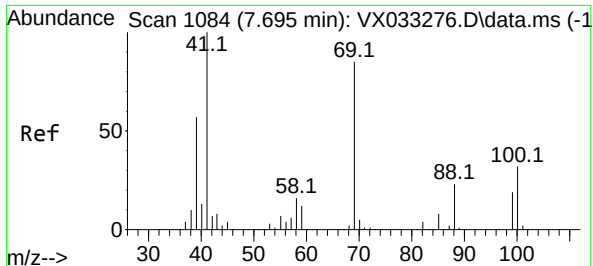
Tgt Ion:130 Resp: 8504

Ion Ratio Lower Upper

130 100

95 95.2 0.0 195.2





#48

Methyl methacrylate

Concen: 3.280 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX033418.D

Acq: 14 Dec 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

GW-BR-04-186-205-121322

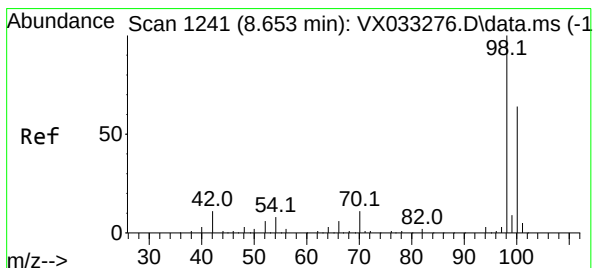
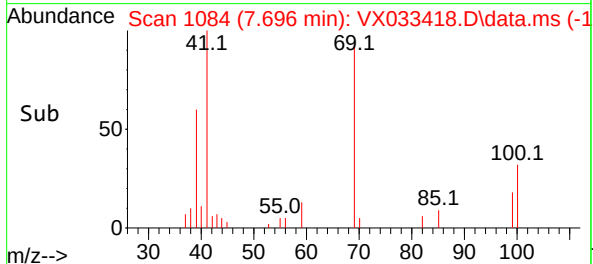
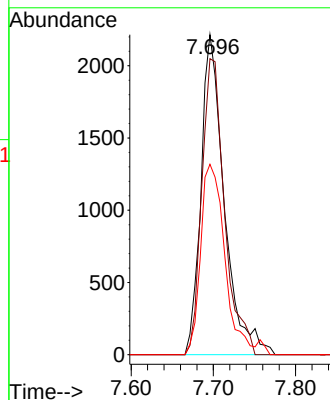
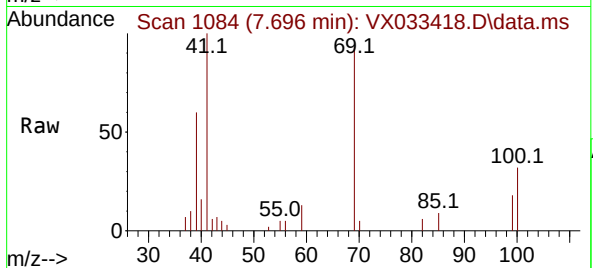
Tgt Ion: 41 Resp: 4354

Ion Ratio Lower Upper

41 100

69 90.5 65.1 97.7

39 61.7 51.9 77.9



#50

Toluene-d8

Concen: 49.309 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033418.D

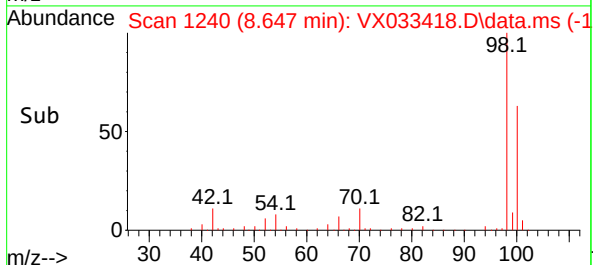
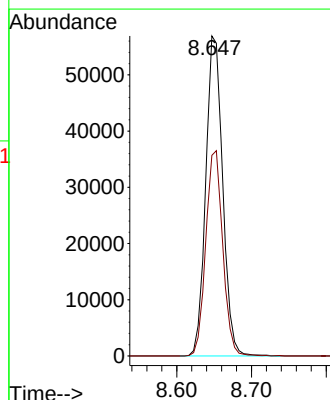
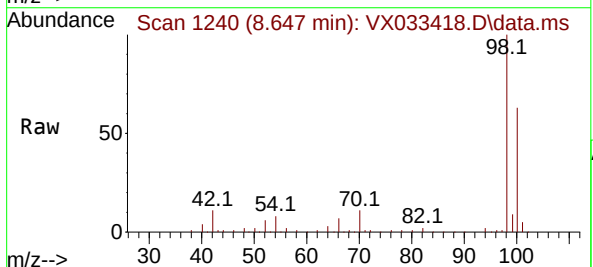
Acq: 14 Dec 2022 14:44

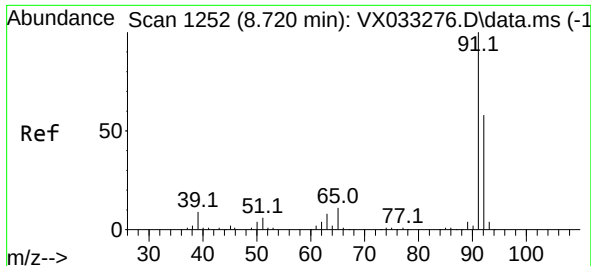
Tgt Ion: 98 Resp: 89476

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3

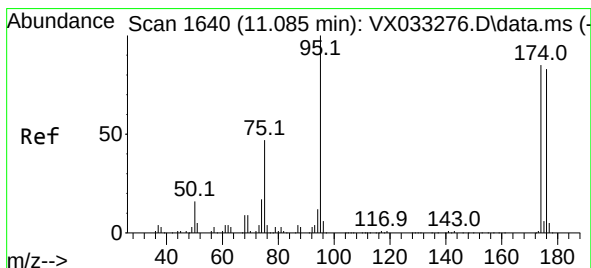
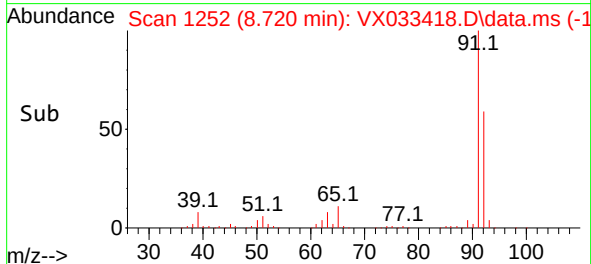
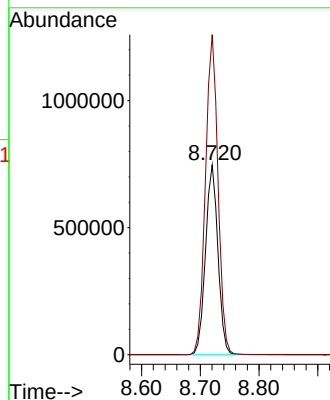
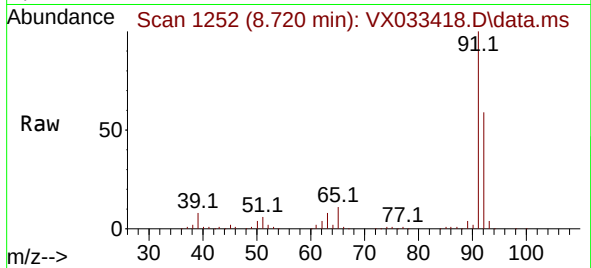




#52
Toluene
Concen: 344.522 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

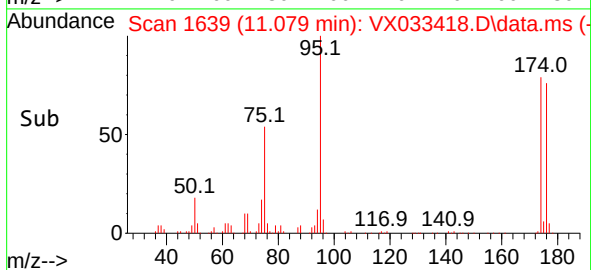
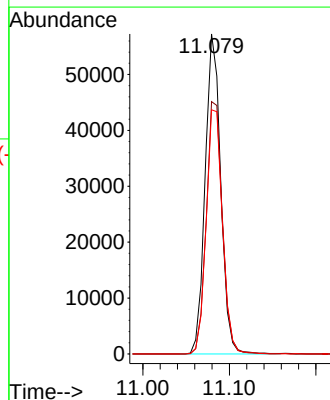
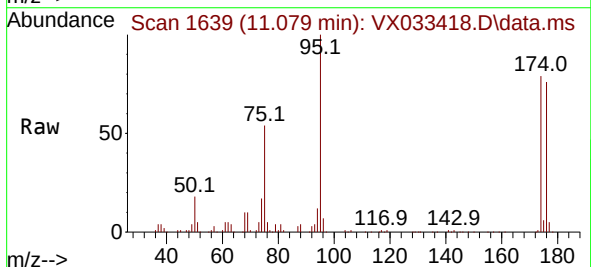
Instrument :
MSVOA_X
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GW-BR-04-186-205-121322

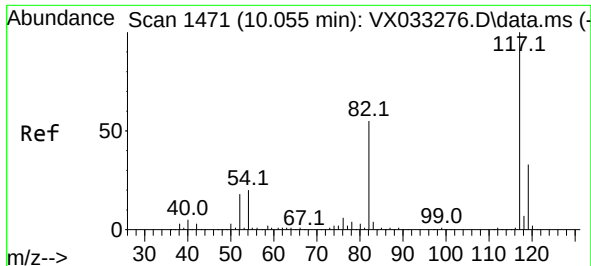
Tgt Ion: 92 Resp: 1098386
Ion Ratio Lower Upper
92 100
91 170.0 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 51.434 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

Tgt Ion: 95 Resp: 71364
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 79.9 0.0 154.4

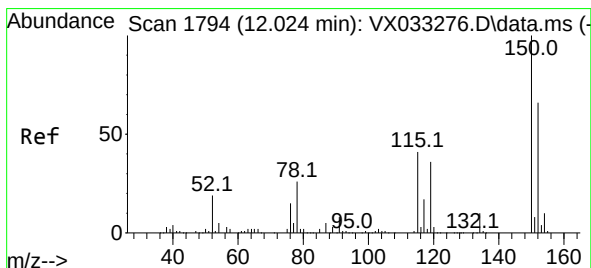
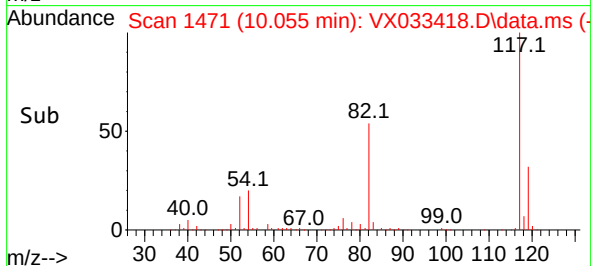
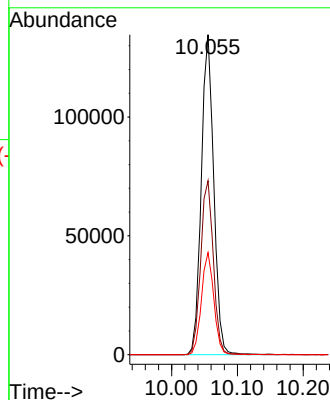
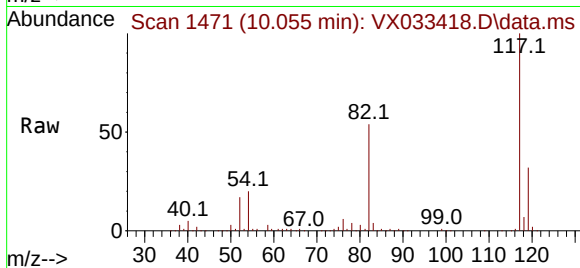




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-186-205-121322

Tgt Ion:117 Resp: 176867
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033418.D
Acq: 14 Dec 2022 14:44

Tgt Ion:152 Resp: 81998
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 159.5 0.0 351.8

