

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025424.D
 Acq On : 02 Dec 2021 13:33
 Operator : JC/MD
 Sample : M4853-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-BA-472-493-112921DL

Quant Time: Dec 03 03:06:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

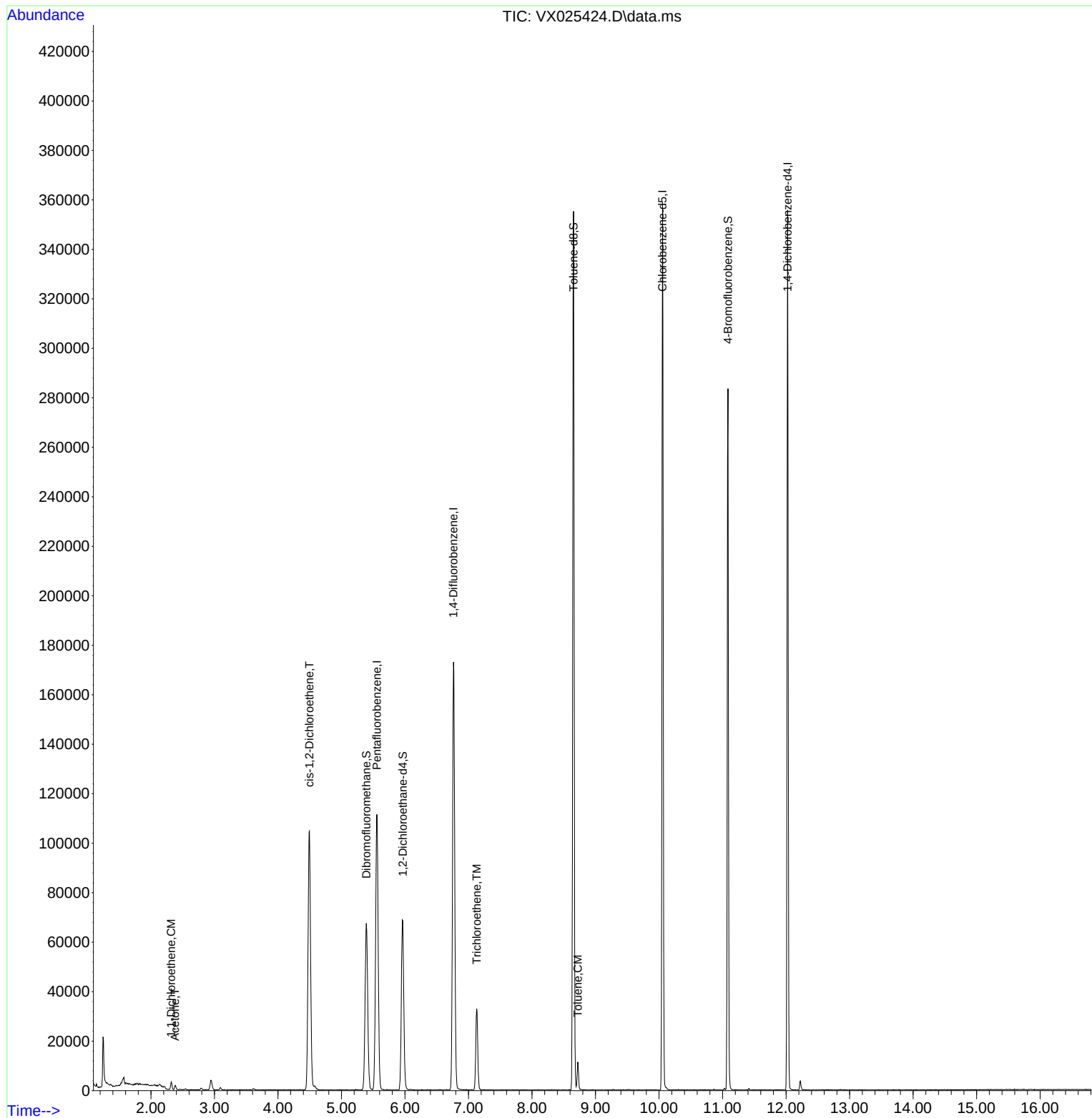
Internal Standards						
1) Pentafluorobenzene	5.556	168	112072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64632	54.712	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.420%	
35) Dibromofluoromethane	5.391	113	57928	50.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	8.653	98	215933	49.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	11.085	95	75477	46.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.140%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	1080	1.040	ug/l	86
16) Acetone	2.379	43	1839	2.802	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	70599	53.128	ug/l	80
44) Trichloroethene	7.129	130	13151	9.125	ug/l	96
52) Toluene	8.720	92	4286	1.323	ug/l	94

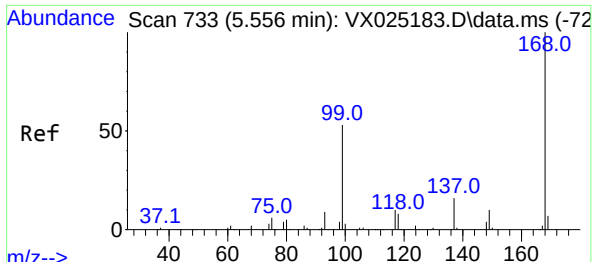
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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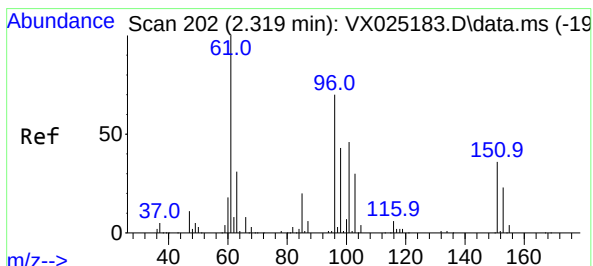
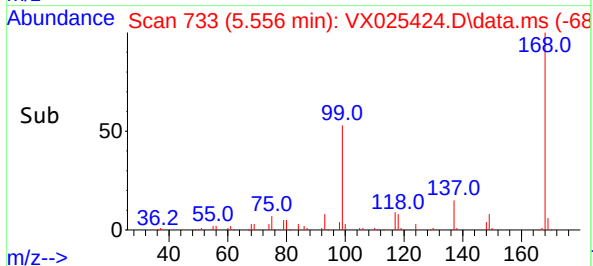
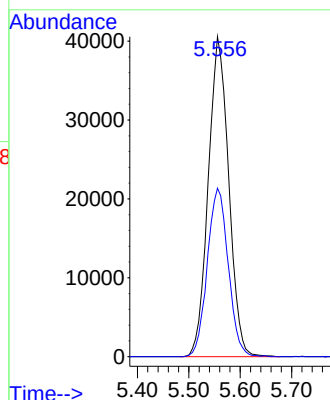
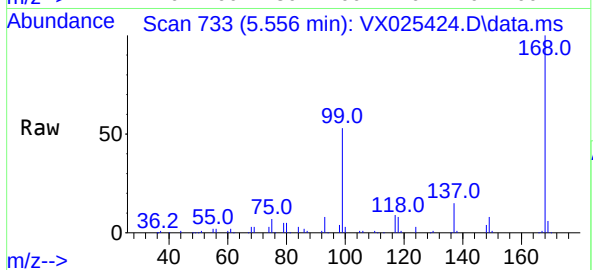




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

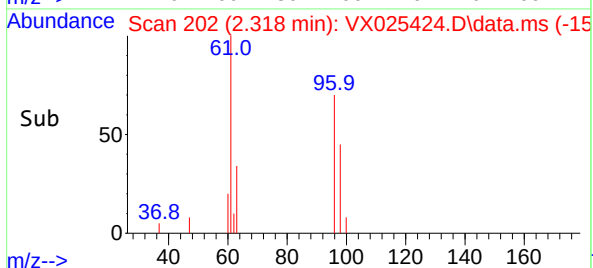
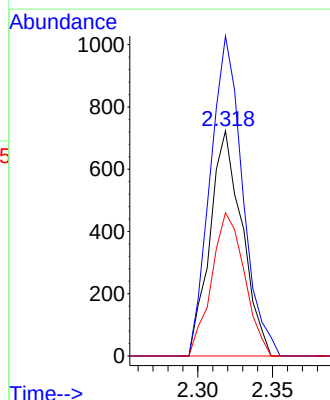
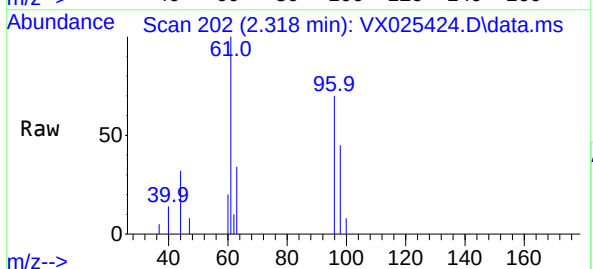
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-BA-472-493-112921DL

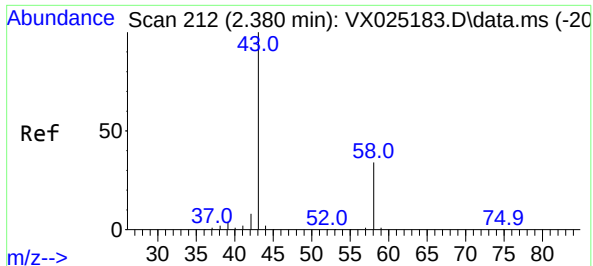
Tgt Ion:168 Resp: 112072
Ion Ratio Lower Upper
168 100
99 52.7 46.4 69.6



#12
1,1-Dichloroethene
Concen: 1.040 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Tgt Ion: 96 Resp: 1080
Ion Ratio Lower Upper
96 100
61 142.2 134.1 201.1
98 63.6 51.5 77.3

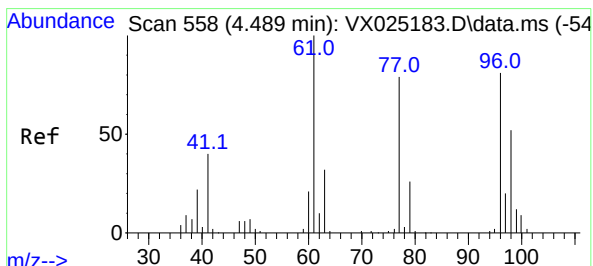
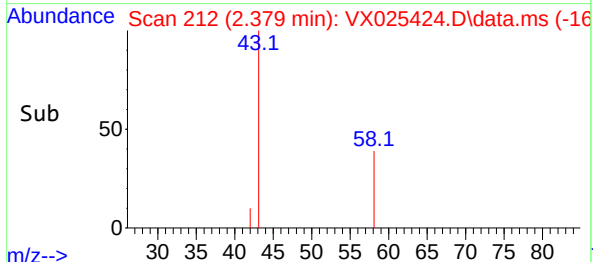
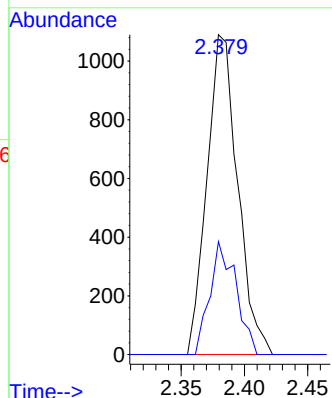
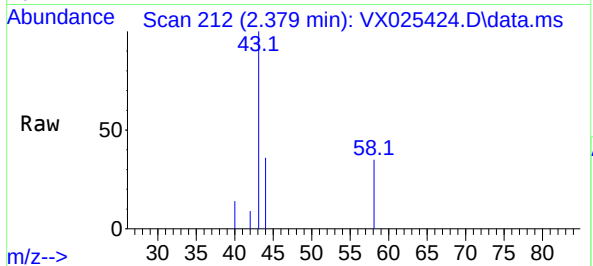




#16
Acetone
Concen: 2.802 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

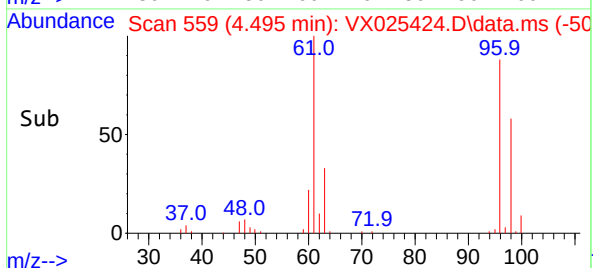
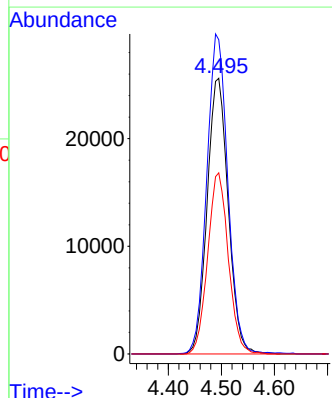
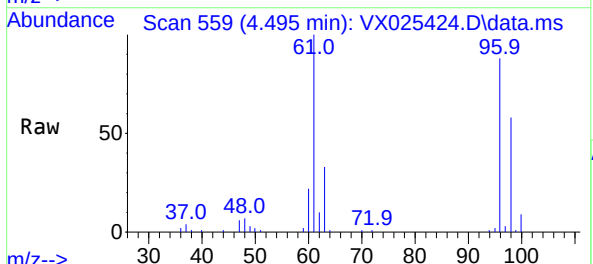
Instrument :
MSVOA_X
ClientSampleId :
GWR3D-BA-472-493-112921DL

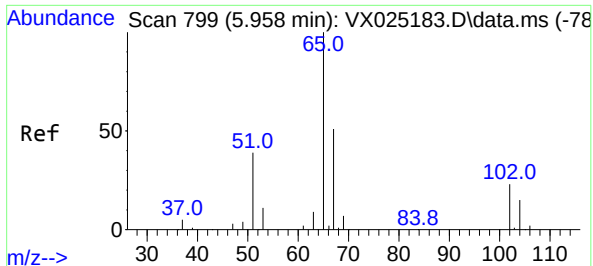
Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 35.3 24.0 36.0



#27
cis-1,2-Dichloroethene
Concen: 53.128 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Tgt Ion: 96 Resp: 70599
Ion Ratio Lower Upper
96 100
61 116.1 0.0 302.2
98 64.4 0.0 131.4





#33

1,2-Dichloroethane-d4

Concen: 54.712 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

ClientSampleId :

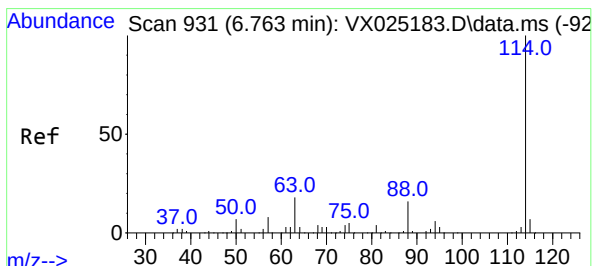
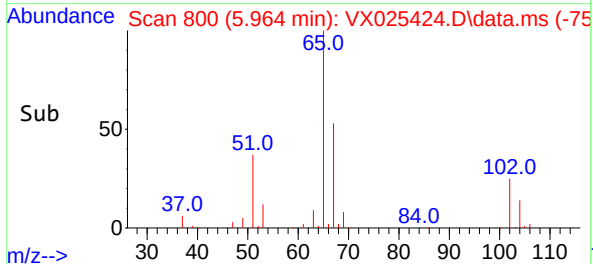
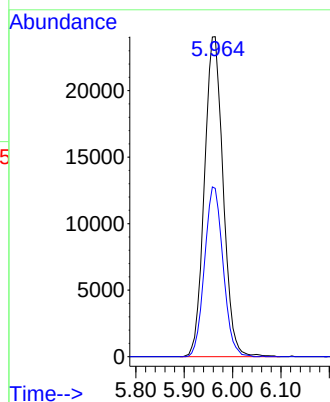
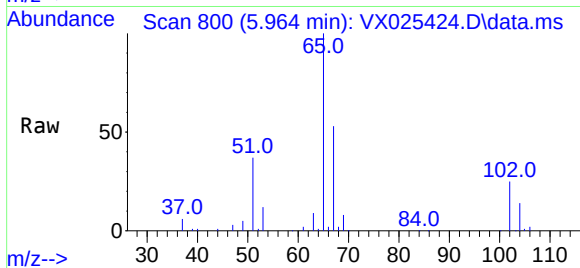
GWBR3D-BA-472-493-112921DL

Tgt Ion: 65 Resp: 64632

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

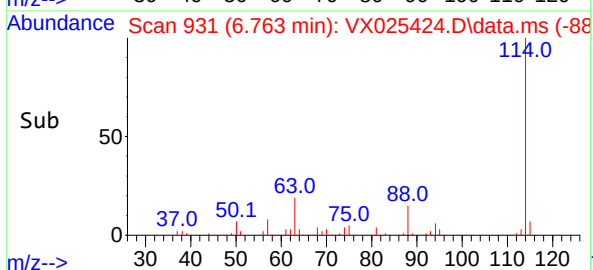
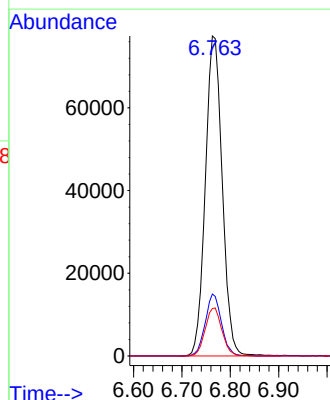
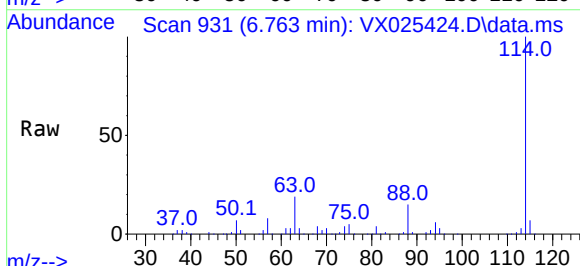
Tgt Ion: 114 Resp: 187714

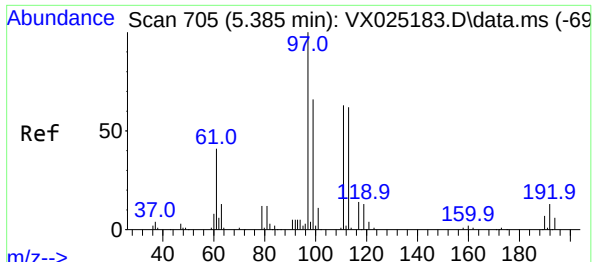
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.0

88 14.8 0.0 34.8

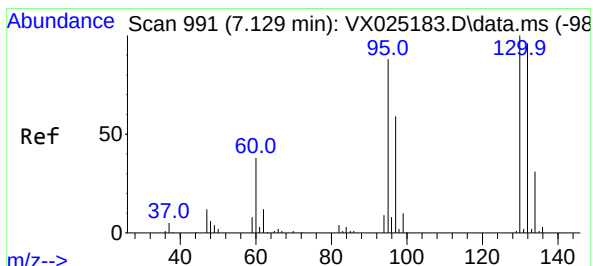
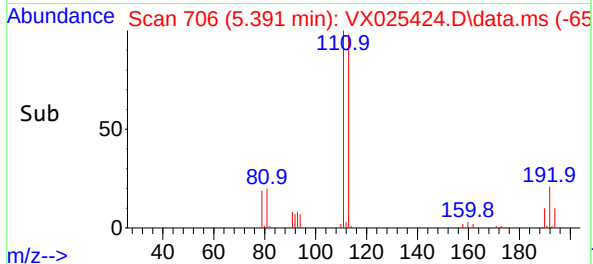
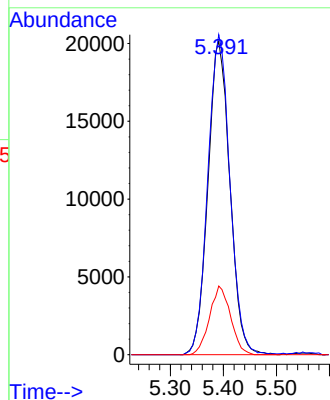
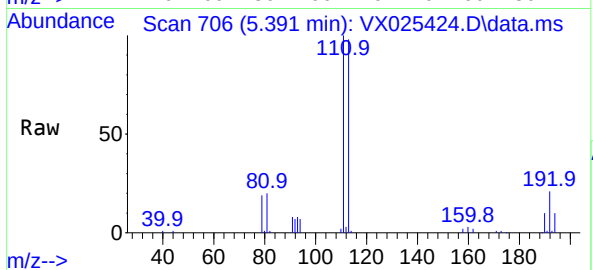




#35
Dibromofluoromethane
Concen: 50.296 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

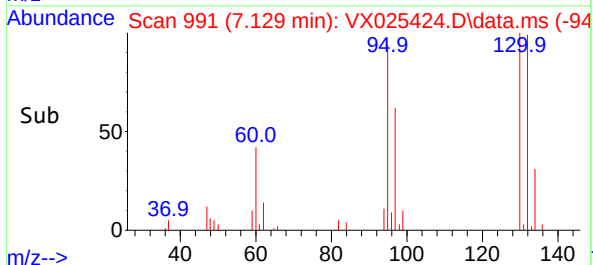
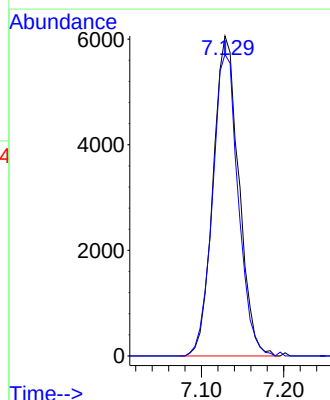
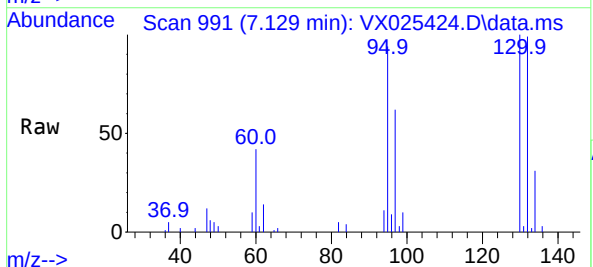
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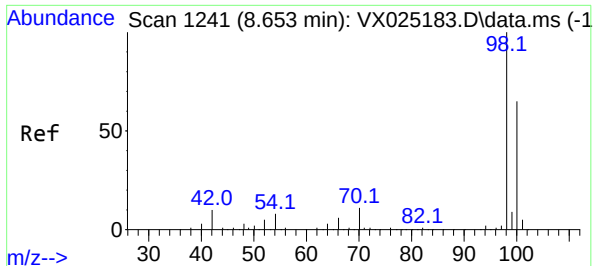
Tgt Ion:113 Resp: 57928
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 21.0 15.6 23.4



#44
Trichloroethene
Concen: 9.125 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Tgt Ion:130 Resp: 13151
Ion Ratio Lower Upper
130 100
95 94.3 0.0 196.8





#50

Toluene-d8

Concen: 49.864 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

ClientSampleId :

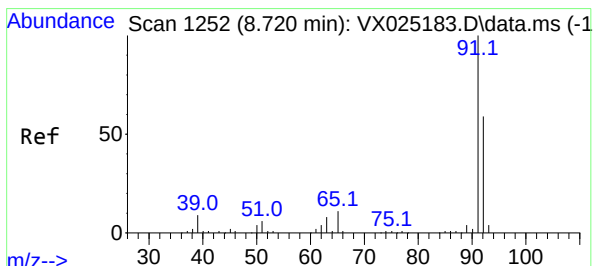
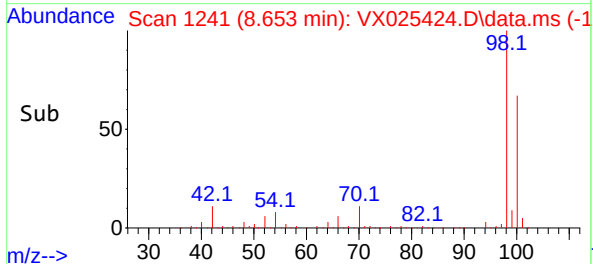
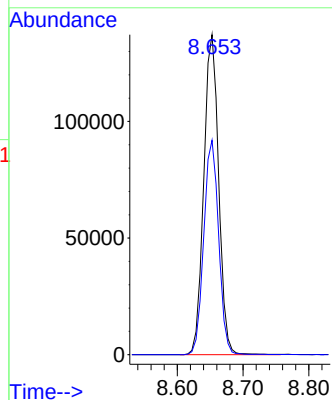
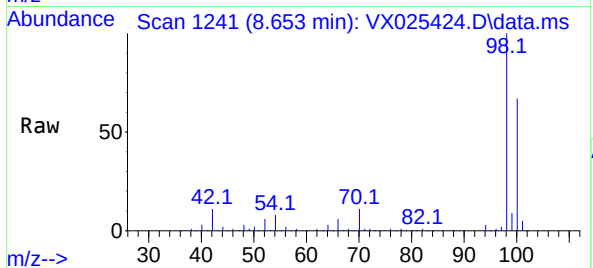
GWBR3D-BA-472-493-112921DL

Tgt Ion: 98 Resp: 215933

Ion Ratio Lower Upper

98 100

100 67.0 51.4 77.0



#52

Toluene

Concen: 1.323 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025424.D

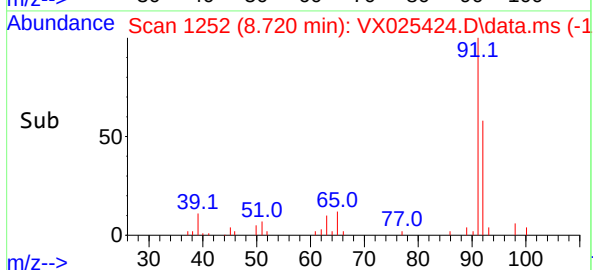
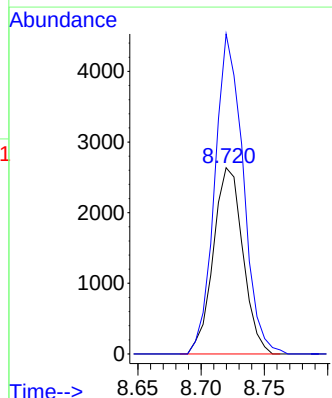
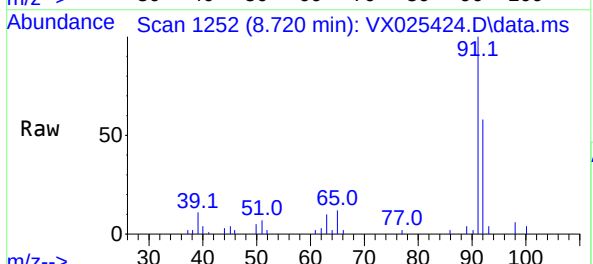
Acq: 02 Dec 2021 13:33

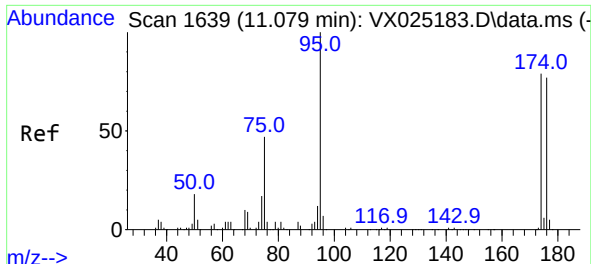
Tgt Ion: 92 Resp: 4286

Ion Ratio Lower Upper

92 100

91 164.6 138.6 208.0



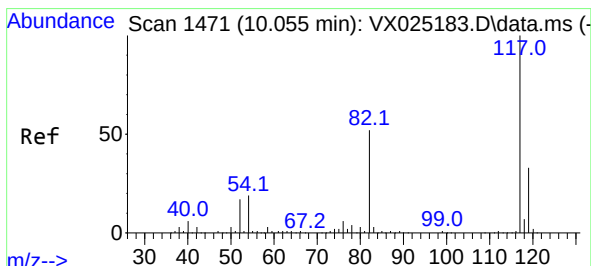
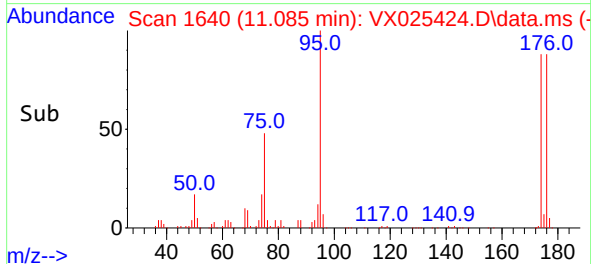
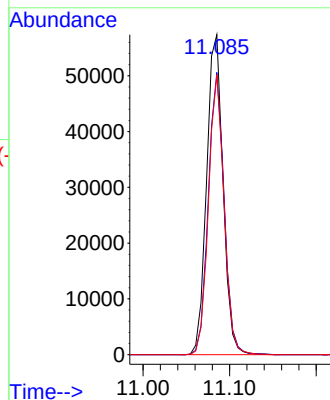
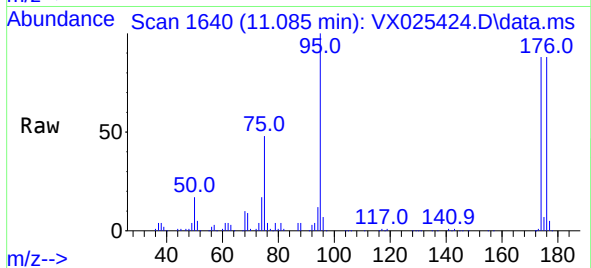


#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 75477

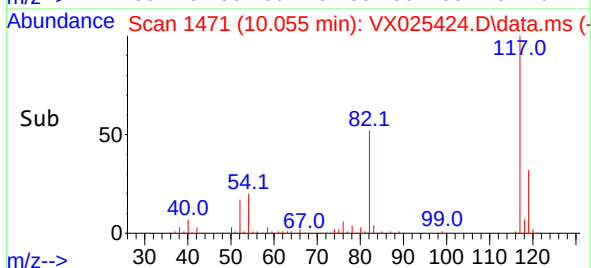
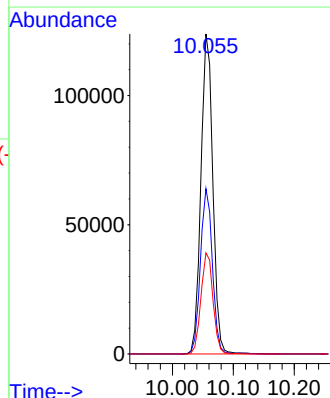
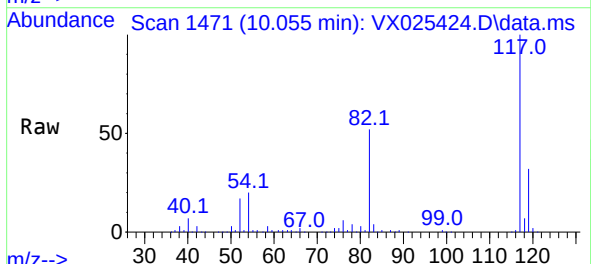
Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	158.0
176	83.0	0.0	153.6

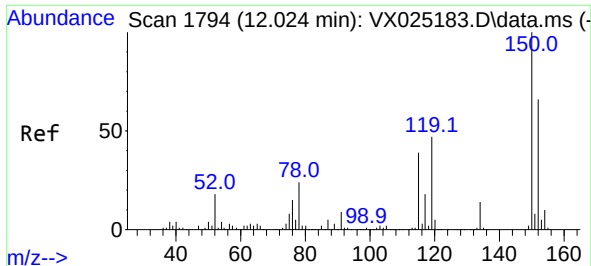


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Tgt Ion: 117 Resp: 167808

Ion	Ratio	Lower	Upper
117	100		
82	51.6	44.6	67.0
119	31.6	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025424.D

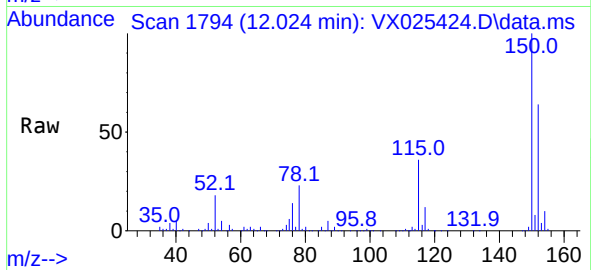
Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

ClientSampleId :

GWBR3D-BA-472-493-112921DL



Tgt Ion:152 Resp: 76142

Ion Ratio Lower Upper

152 100

115 56.4 43.3 129.8

150 157.0 0.0 351.2

