

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033343.D
 Acq On : 09 Dec 2022 13:31
 Operator : JC/MD
 Sample : N5944-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-BR-04-95-105-120722

Quant Time: Dec 09 14:42:38 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)

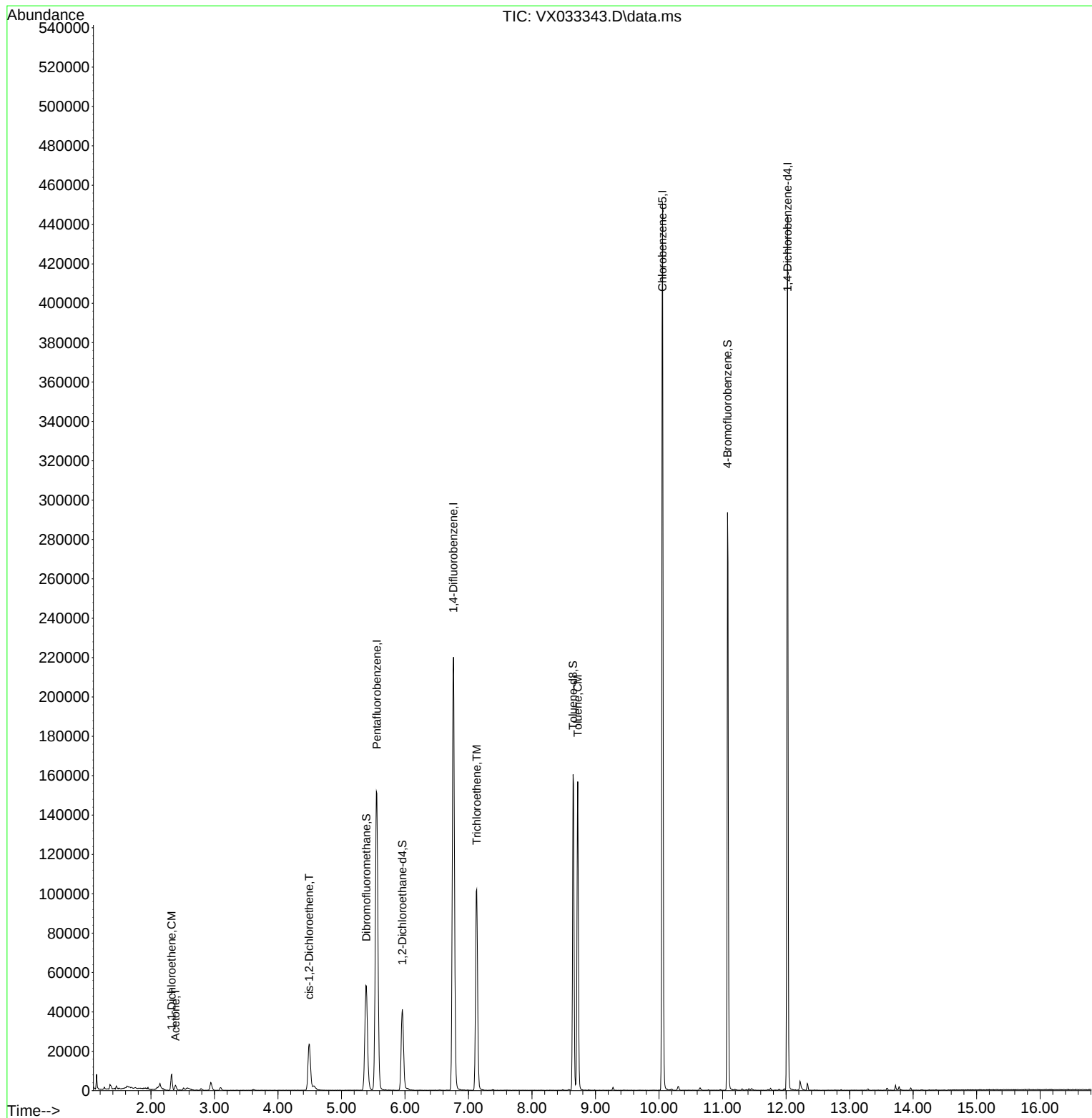
Internal Standards						
1) Pentafluorobenzene	5.556	168	147160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42492	45.009	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.020%		
35) Dibromofluoromethane	5.391	113	48350	46.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.040%		
50) Toluene-d8	8.647	98	100188	46.081	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.160%		
62) 4-Bromofluorobenzene	11.079	95	78012	46.928	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.860%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.325	96	2606	1.953	ug/l	90
16) Acetone	2.386	43	3099	4.436	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	15862	9.094	ug/l	92
44) Trichloroethene	7.129	130	41667	25.580	ug/l	97
52) Toluene	8.720	92	59573	15.596	ug/l	99

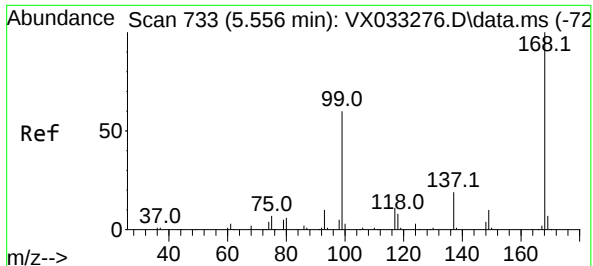
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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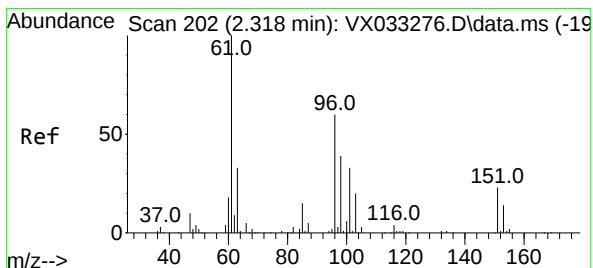
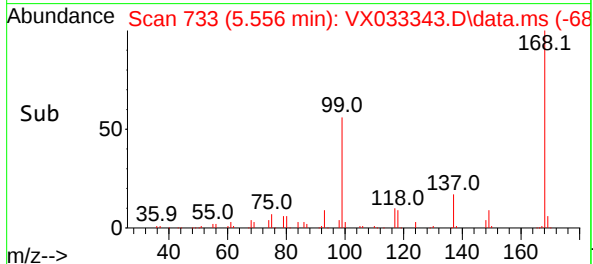
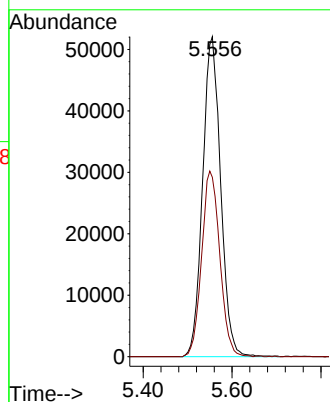
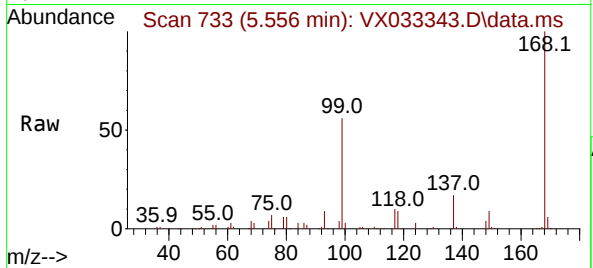




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

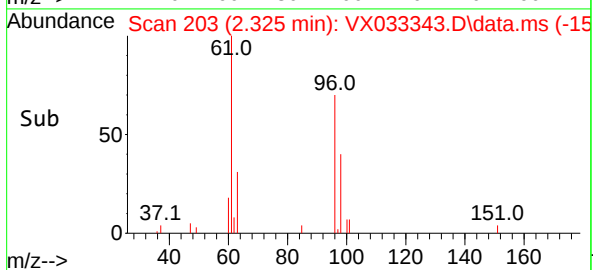
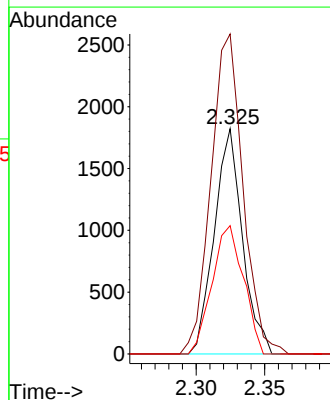
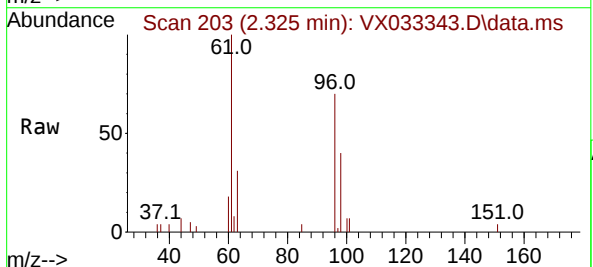
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-95-105-120722

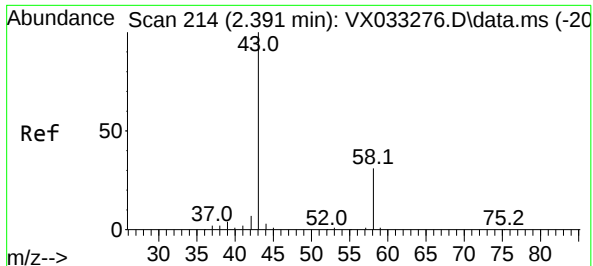
Tgt Ion:168 Resp: 147160
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#12
1,1-Dichloroethene
Concen: 1.953 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

Tgt Ion: 96 Resp: 2606
Ion Ratio Lower Upper
96 100
61 142.1 125.1 187.7
98 57.0 50.6 76.0

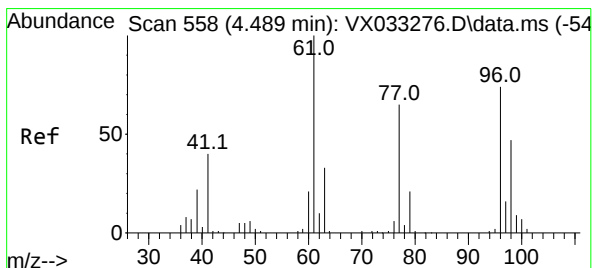
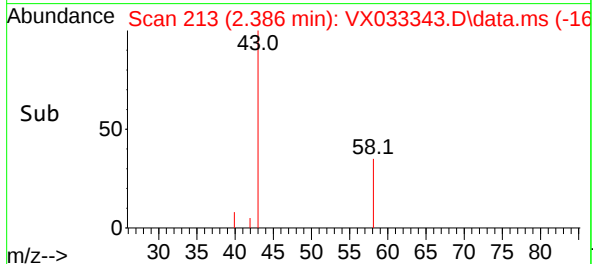
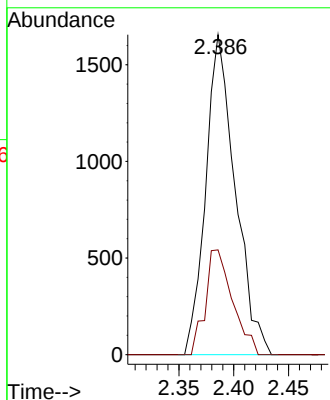
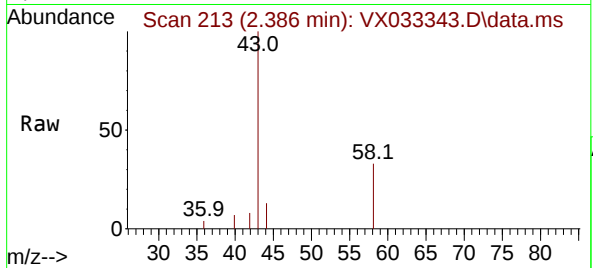




#16
Acetone
Concen: 4.436 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

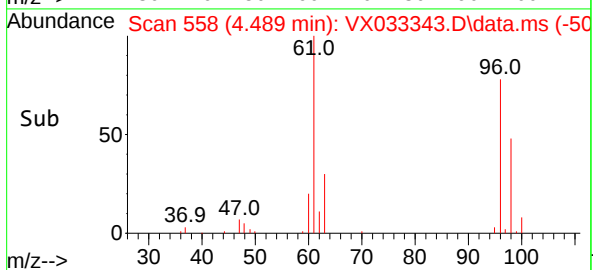
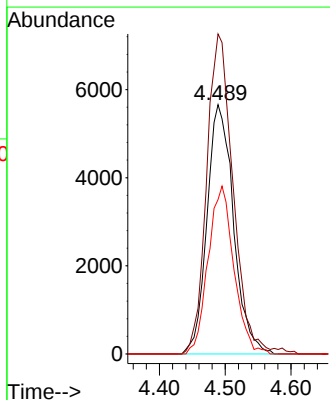
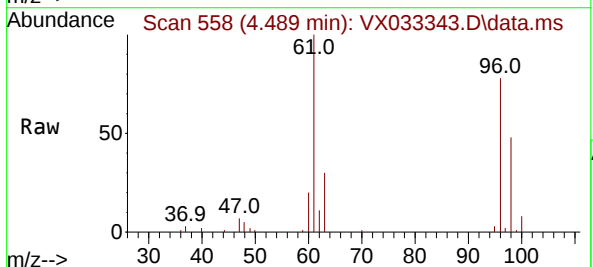
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-95-105-120722

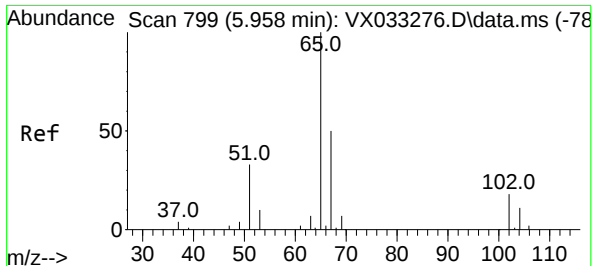
Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
58 32.7 23.8 35.8



#27
cis-1,2-Dichloroethene
Concen: 9.094 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

Tgt Ion: 96 Resp: 15862
Ion Ratio Lower Upper
96 100
61 128.5 0.0 286.0
98 65.3 0.0 129.6

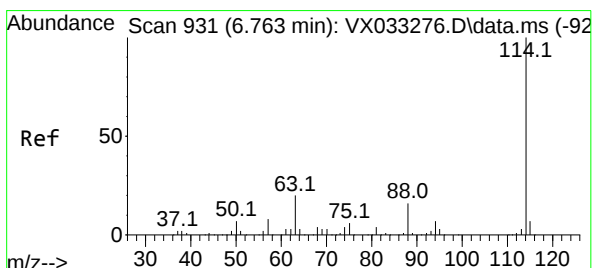
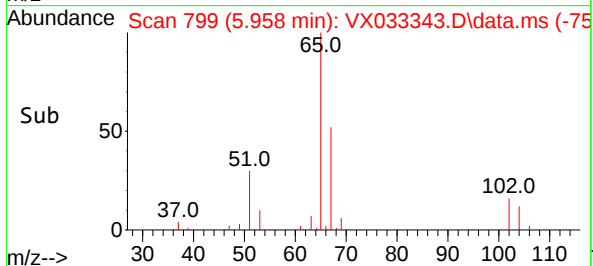
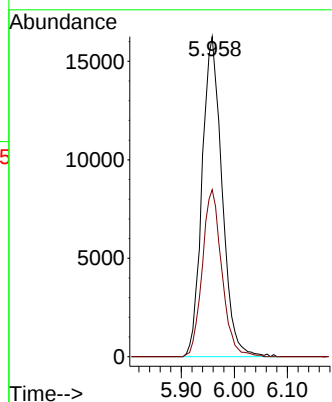
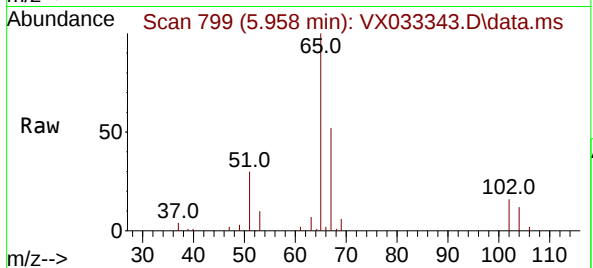




#33
1,2-Dichloroethane-d4
Concen: 45.009 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

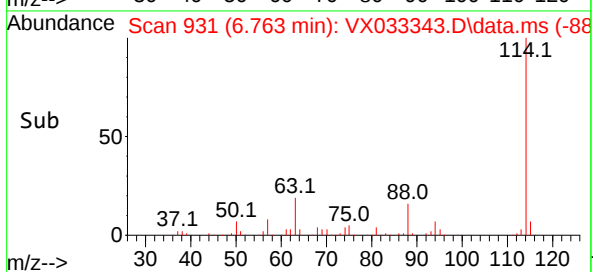
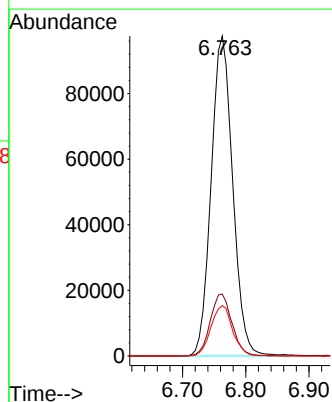
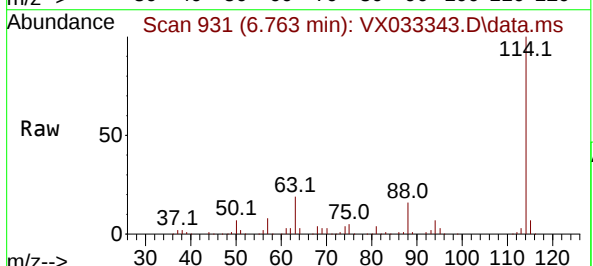
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-95-105-120722

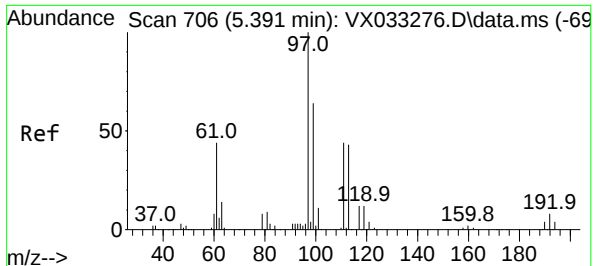
Tgt Ion: 65 Resp: 42492
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

Tgt Ion: 114 Resp: 231068
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.8 0.0 33.4

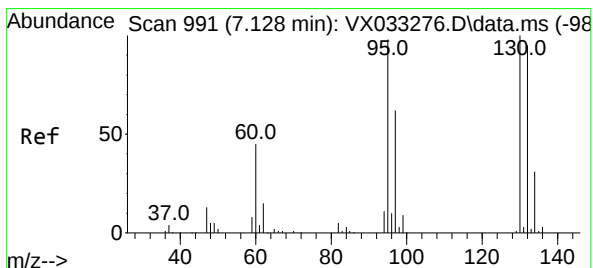
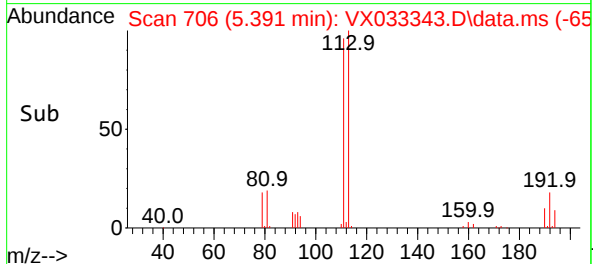
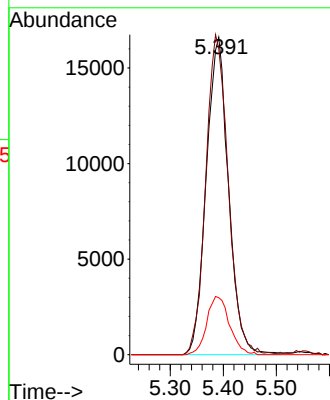
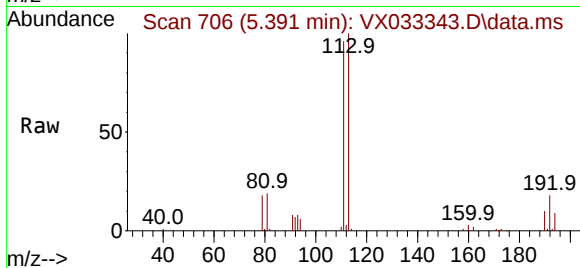




#35
Dibromofluoromethane
Concen: 46.522 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

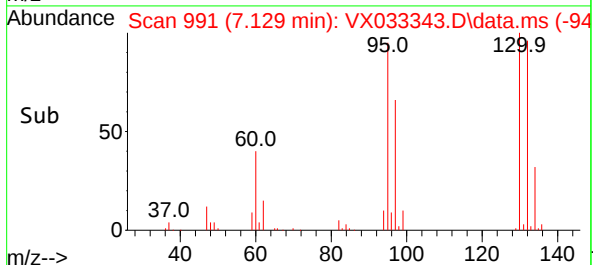
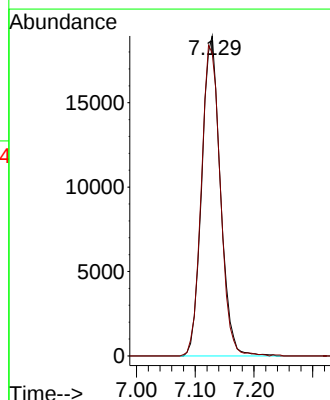
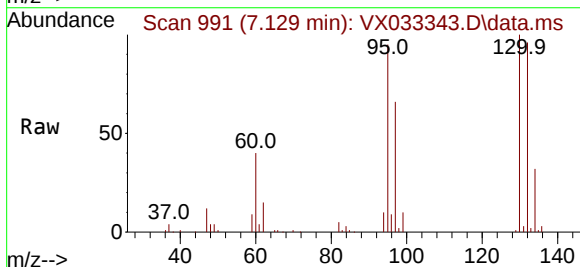
Instrument :
MSVOA_X
ClientSampleId :
GW-BR-04-95-105-120722

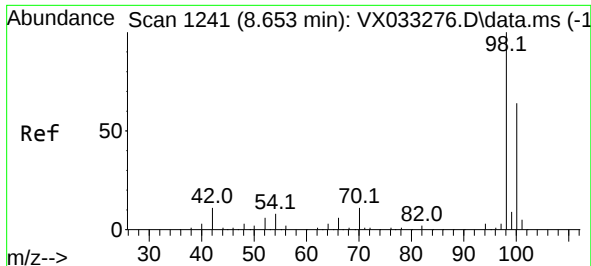
Tgt Ion:113 Resp: 48350
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 18.8 15.4 23.2



#44
Trichloroethene
Concen: 25.580 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

Tgt Ion:130 Resp: 41667
Ion Ratio Lower Upper
130 100
95 94.7 0.0 195.2

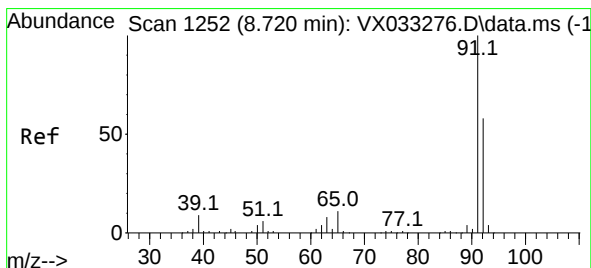
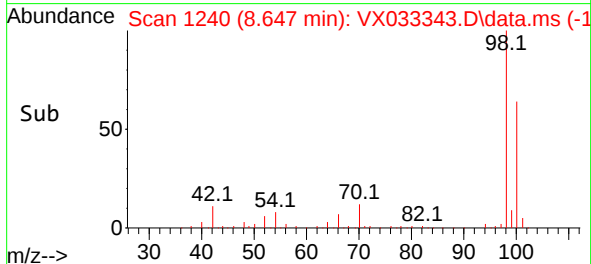
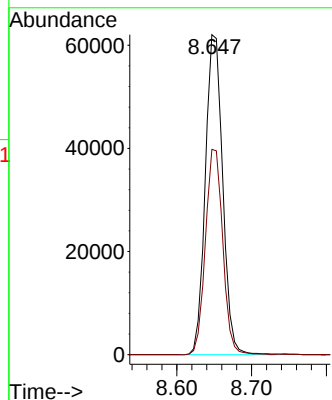
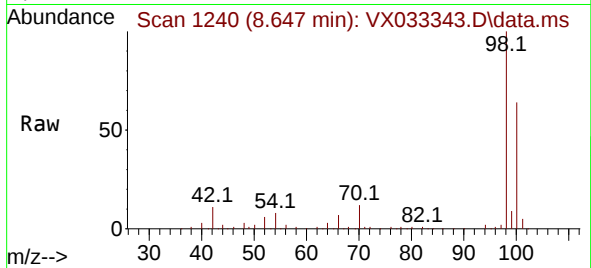




#50
Toluene-d8
Concen: 46.081 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

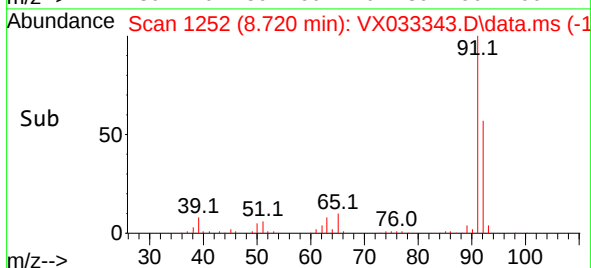
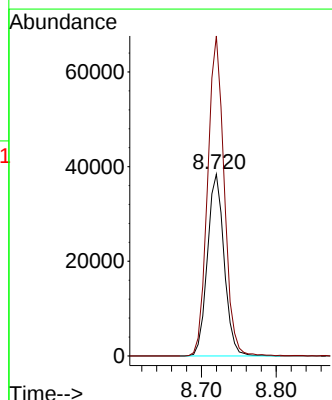
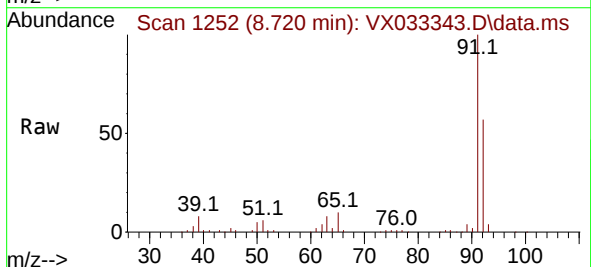
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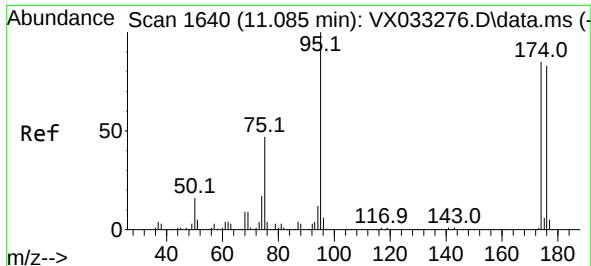
Tgt Ion: 98 Resp: 100188
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#52
Toluene
Concen: 15.596 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

Tgt Ion: 92 Resp: 59573
Ion Ratio Lower Upper
92 100
91 174.6 138.3 207.5

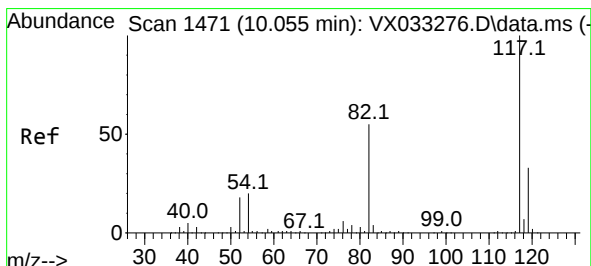
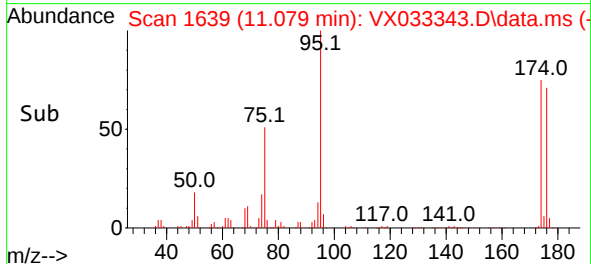
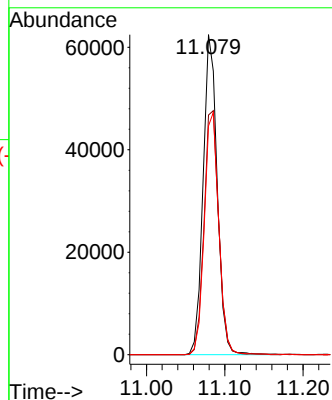
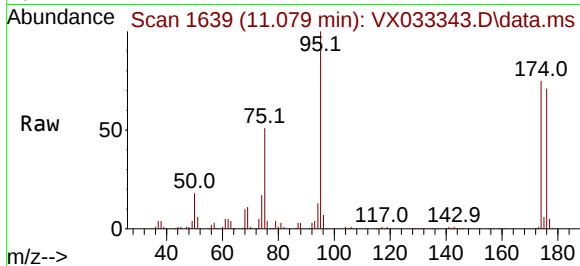




#62
4-Bromofluorobenzene
Concen: 46.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

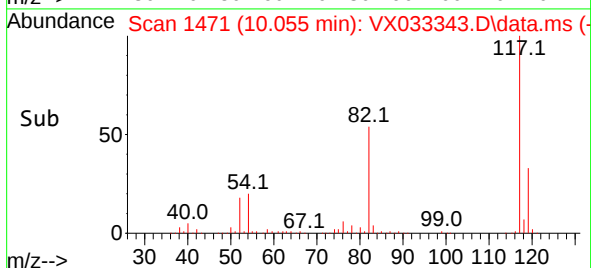
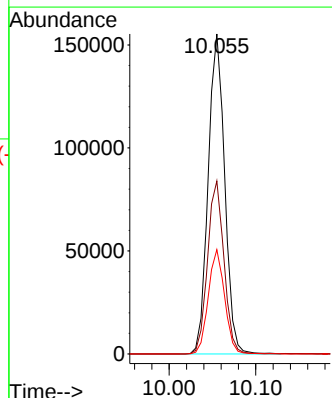
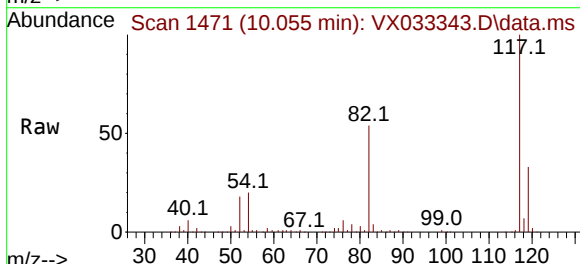
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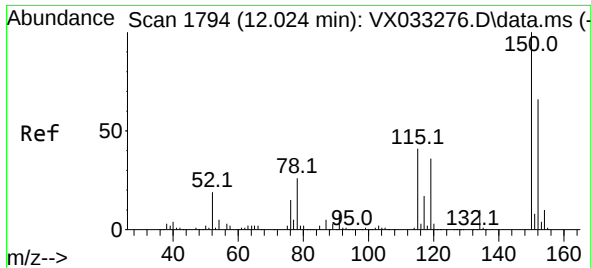
Tgt Ion: 95 Resp: 78012
Ion Ratio Lower Upper
95 100
174 79.5 0.0 164.0
176 77.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033343.D
Acq: 09 Dec 2022 13:31

Tgt Ion: 117 Resp: 205817
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033343.D

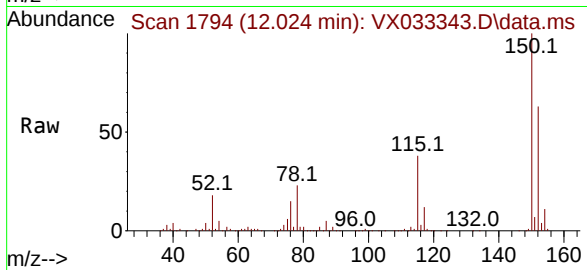
Acq: 09 Dec 2022 13:31

Instrument :

MSVOA_X

ClientSampleId :

GW-BR-04-95-105-120722



Tgt Ion:152 Resp: 93255

Ion Ratio Lower Upper

152 100

115 60.4 44.0 132.0

150 156.9 0.0 351.8

