

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025843.D
 Acq On : 16 Dec 2021 03:36
 Operator : JC/MD
 Sample : M5084-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C6

Quant Time: Dec 16 07:35:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

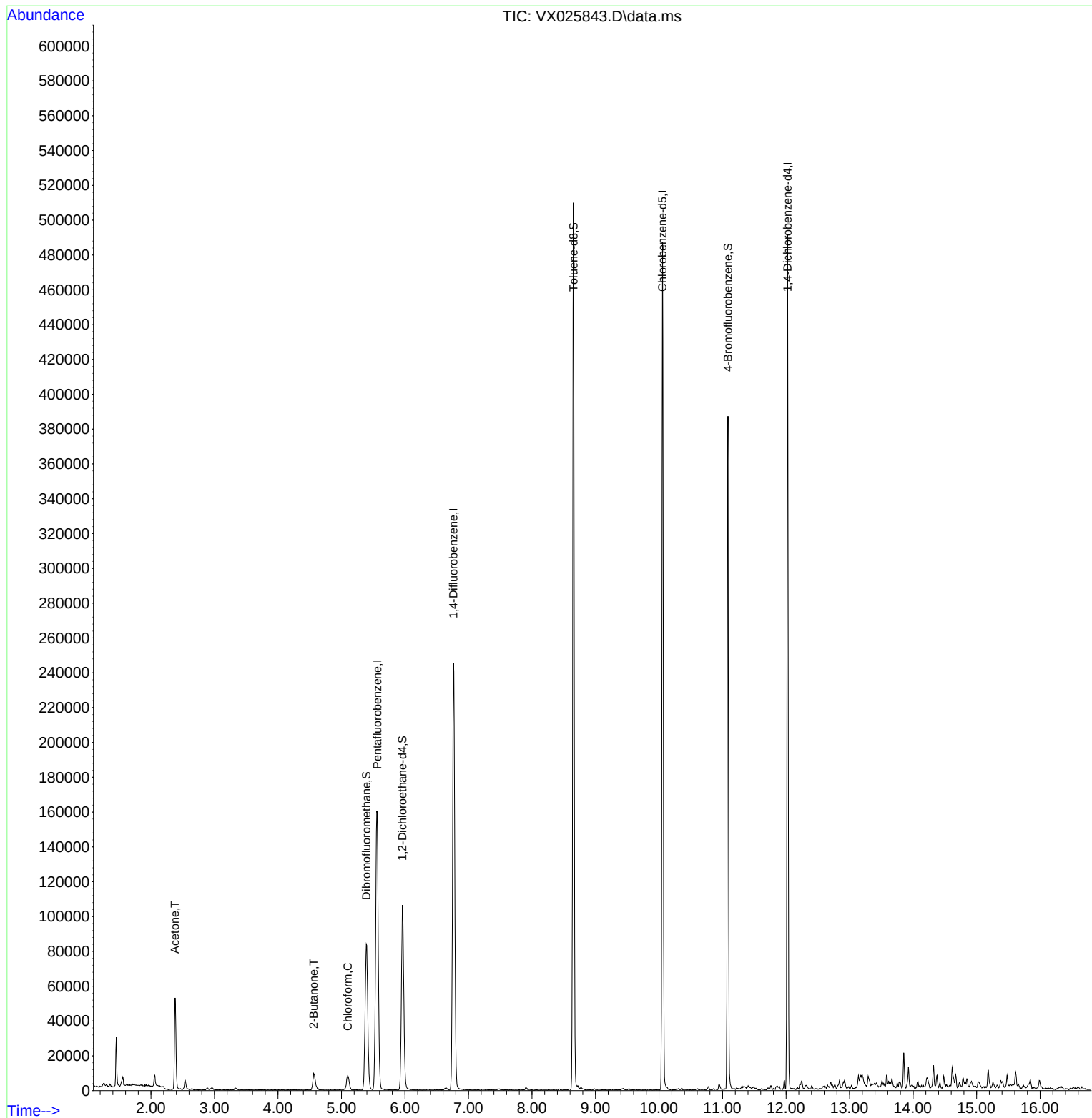
Internal Standards						
1) Pentafluorobenzene	5.562	168	154199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96750	43.608	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.220%
35) Dibromofluoromethane	5.391	113	73732	40.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.940%
50) Toluene-d8	8.653	98	300254	45.796	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.600%#
62) 4-Bromofluorobenzene	11.085	95	100565	40.379	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.760%#
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	54729	39.347	ug/l	98
25) 2-Butanone	4.562	43	16754	11.228	ug/l	91
30) Chloroform	5.099	83	9955	2.751	ug/l	98

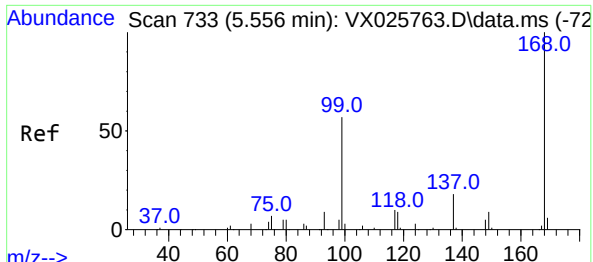
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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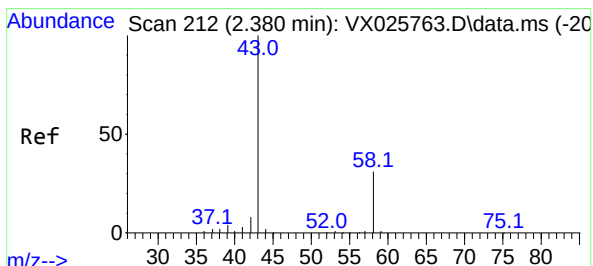
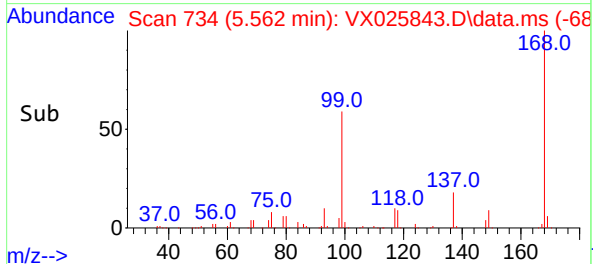
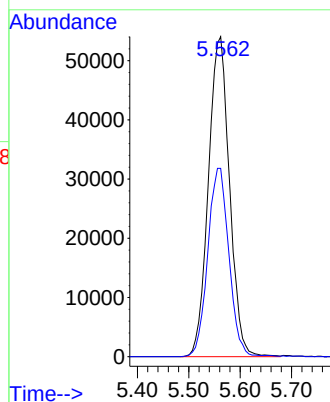
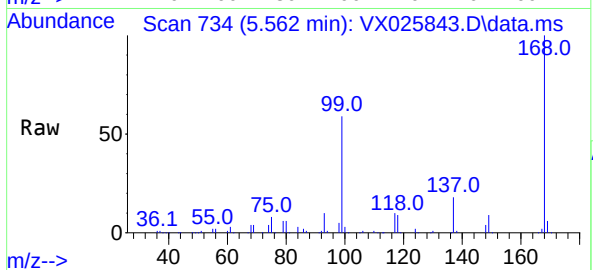




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025843.D
Acq: 16 Dec 2021 03:36

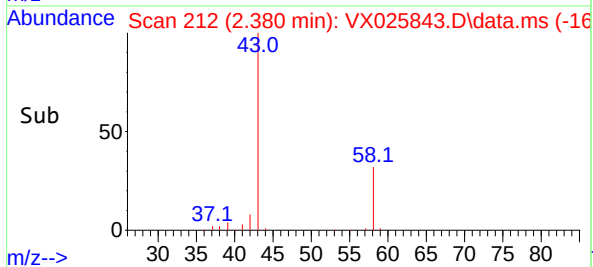
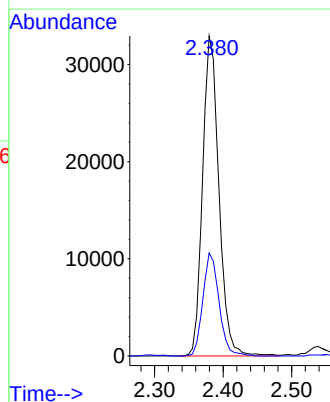
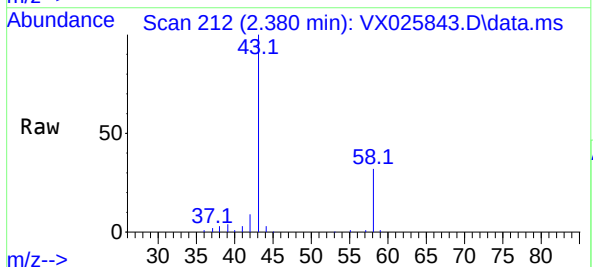
Instrument :
MSVOA_X
ClientSampleId :
C6

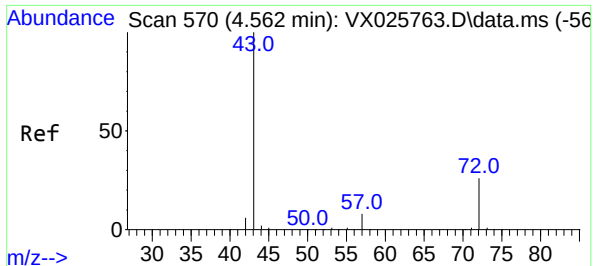
Tgt Ion:168 Resp: 154199
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.8



#16
Acetone
Concen: 39.347 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025843.D
Acq: 16 Dec 2021 03:36

Tgt Ion: 43 Resp: 54729
Ion Ratio Lower Upper
43 100
58 32.2 24.8 37.2





#25

2-Butanone

Concen: 11.228 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX025843.D

Acq: 16 Dec 2021 03:36

Instrument :

MSVOA_X

ClientSampleId :

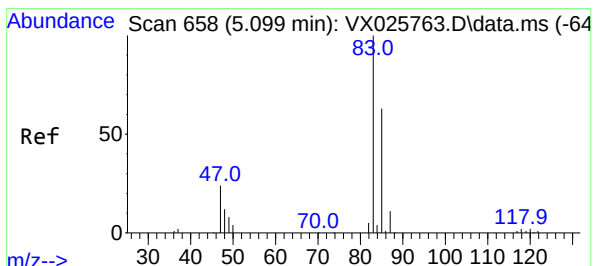
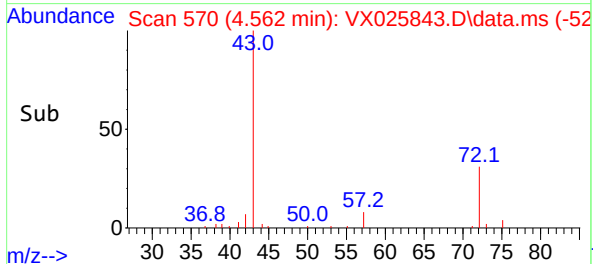
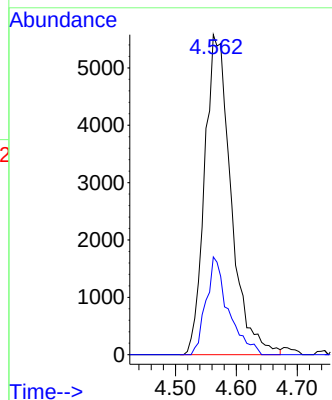
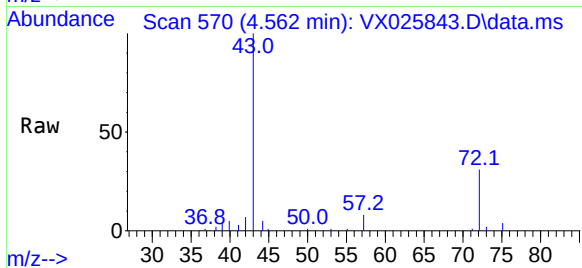
C6

Tgt Ion: 43 Resp: 16754

Ion Ratio Lower Upper

43 100

72 30.6 21.0 31.4



#30

Chloroform

Concen: 2.751 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX025843.D

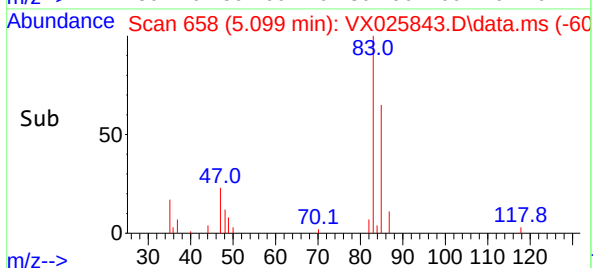
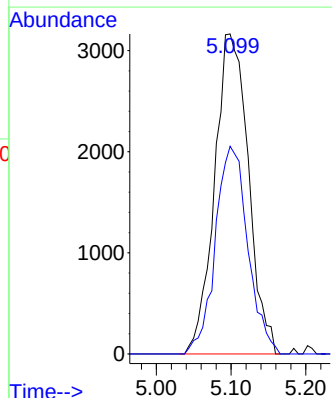
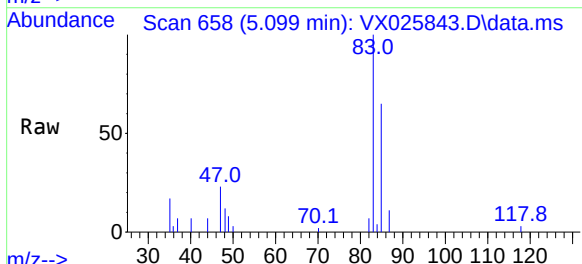
Acq: 16 Dec 2021 03:36

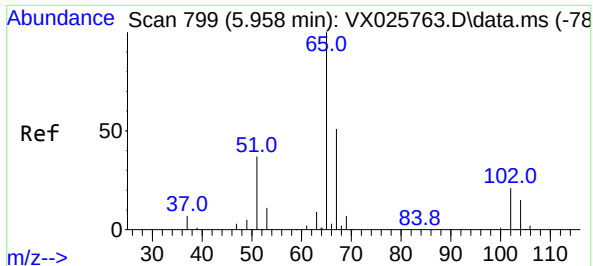
Tgt Ion: 83 Resp: 9955

Ion Ratio Lower Upper

83 100

85 64.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 43.608 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025843.D

Acq: 16 Dec 2021 03:36

Instrument :

MSVOA_X

ClientSampleId :

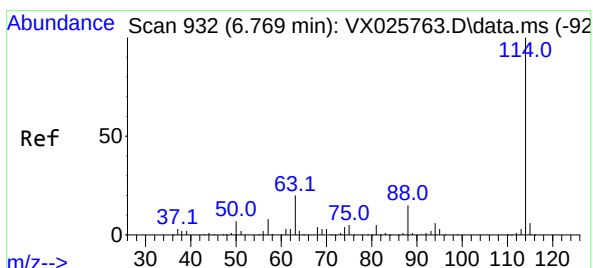
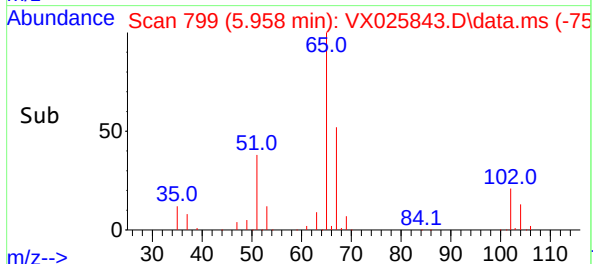
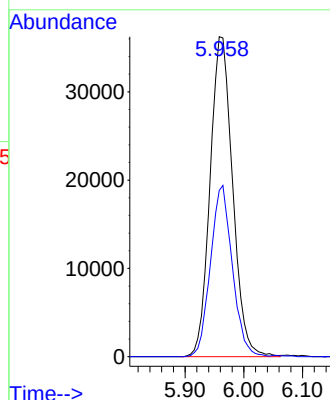
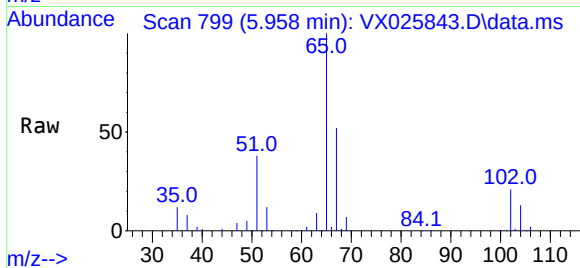
C6

Tgt Ion: 65 Resp: 96750

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025843.D

Acq: 16 Dec 2021 03:36

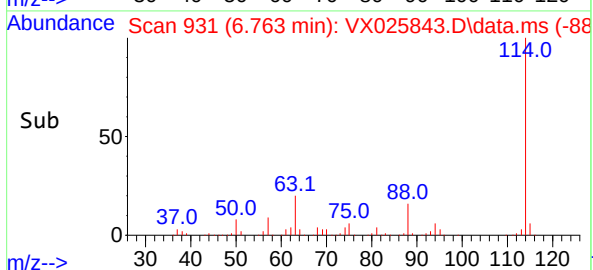
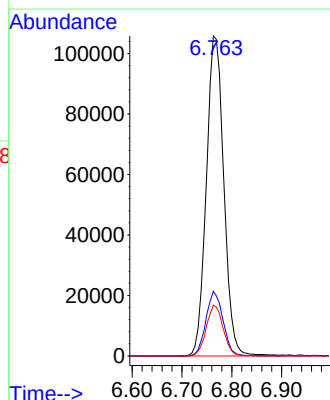
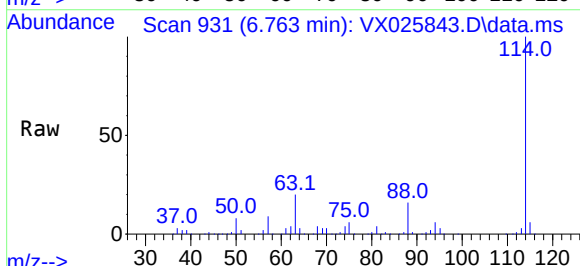
Tgt Ion: 114 Resp: 258018

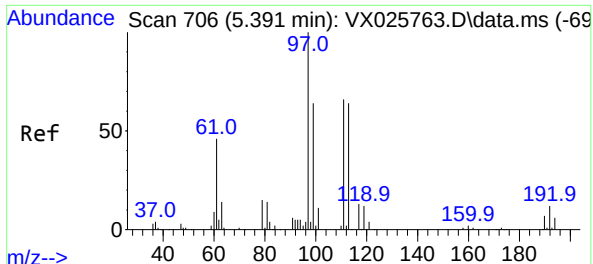
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.9 0.0 30.6

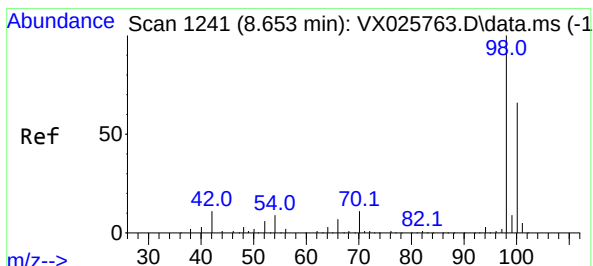
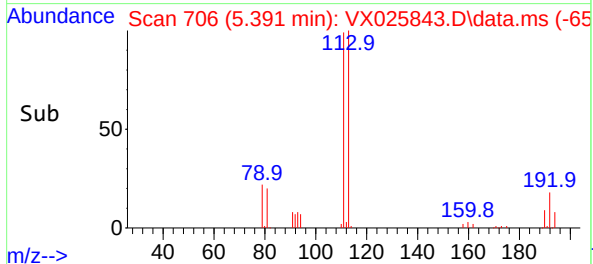
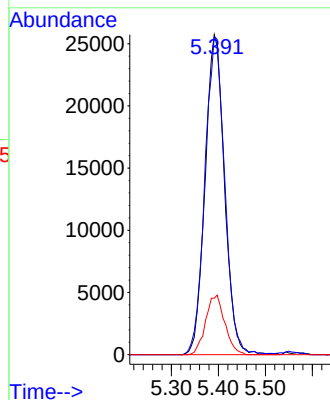
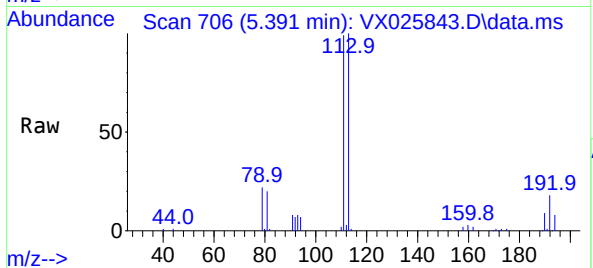




#35
Dibromofluoromethane
Concen: 40.975 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025843.D
Acq: 16 Dec 2021 03:36

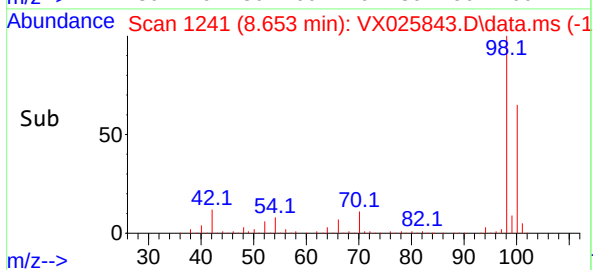
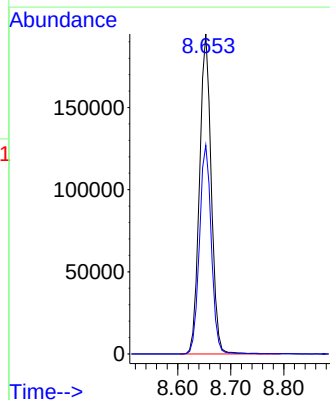
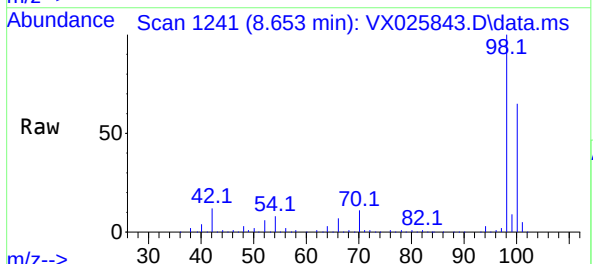
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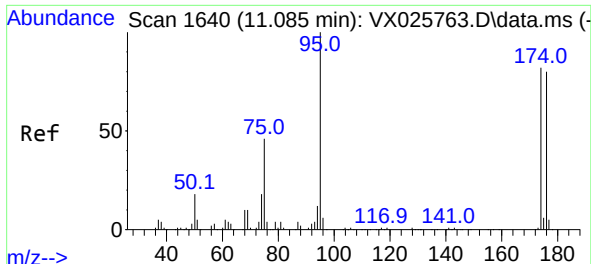
Tgt Ion:113 Resp: 73732
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 18.4 15.0 22.4



#50
Toluene-d8
Concen: 45.796 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025843.D
Acq: 16 Dec 2021 03:36

Tgt Ion: 98 Resp: 300254
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

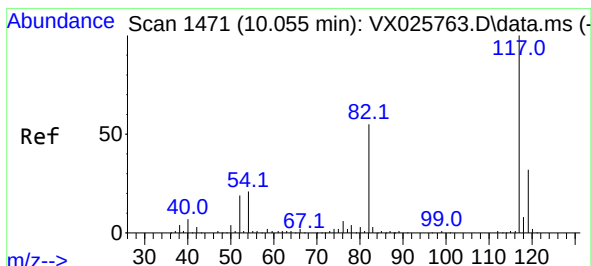
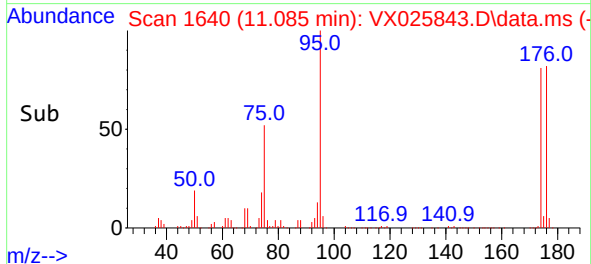
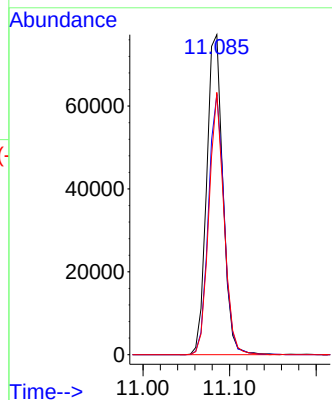
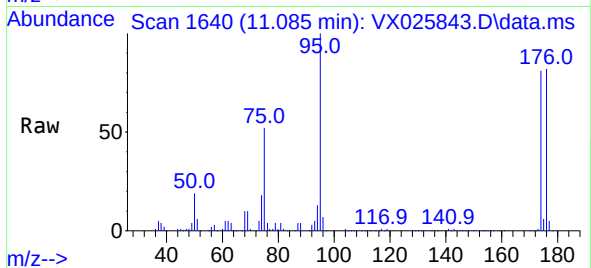




#62
4-Bromofluorobenzene
Concen: 40.379 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025843.D
Acq: 16 Dec 2021 03:36

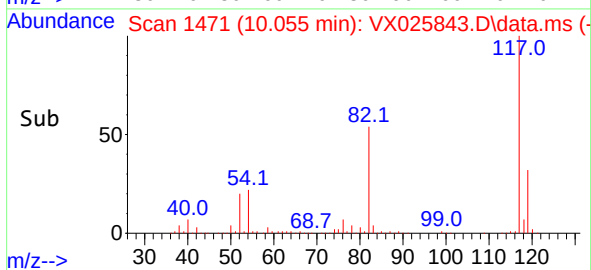
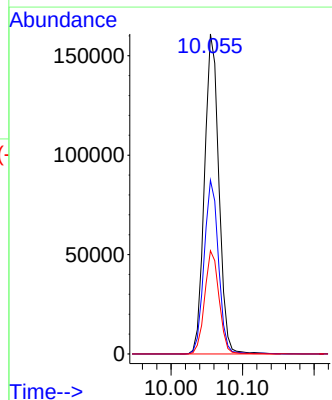
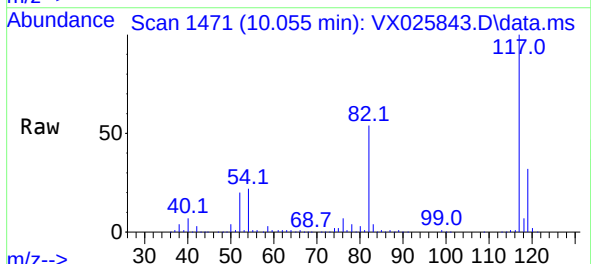
Instrument :
MSVOA_X
ClientSampleId :
C6

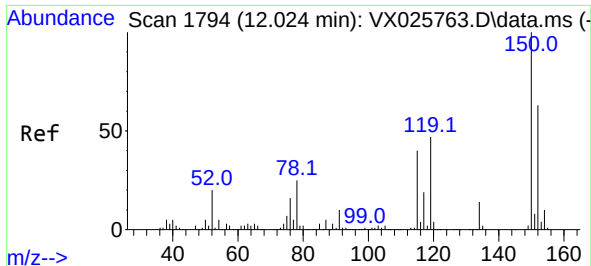
Tgt Ion: 95 Resp: 100565
Ion Ratio Lower Upper
95 100
174 78.7 0.0 157.4
176 76.3 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025843.D
Acq: 16 Dec 2021 03:36

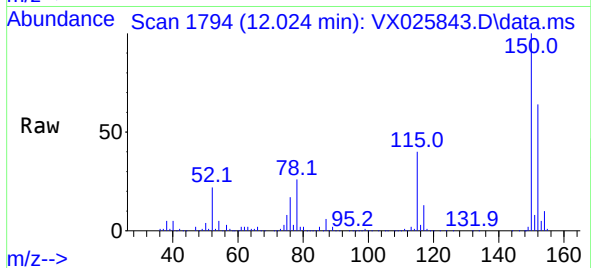
Tgt Ion: 117 Resp: 225233
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.6
119 32.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025843.D
 Acq: 16 Dec 2021 03:36

Instrument :
 MSVOA_X
 ClientSampleId :
 C6



Tgt Ion:	152	Resp:	96919
Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.3	123.9
150	156.6	0.0	351.8

