

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031745.D
 Acq On : 28 Sep 2022 23:26
 Operator : JC/MD
 Sample : N4863-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Quant Time: Sep 29 04:35:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

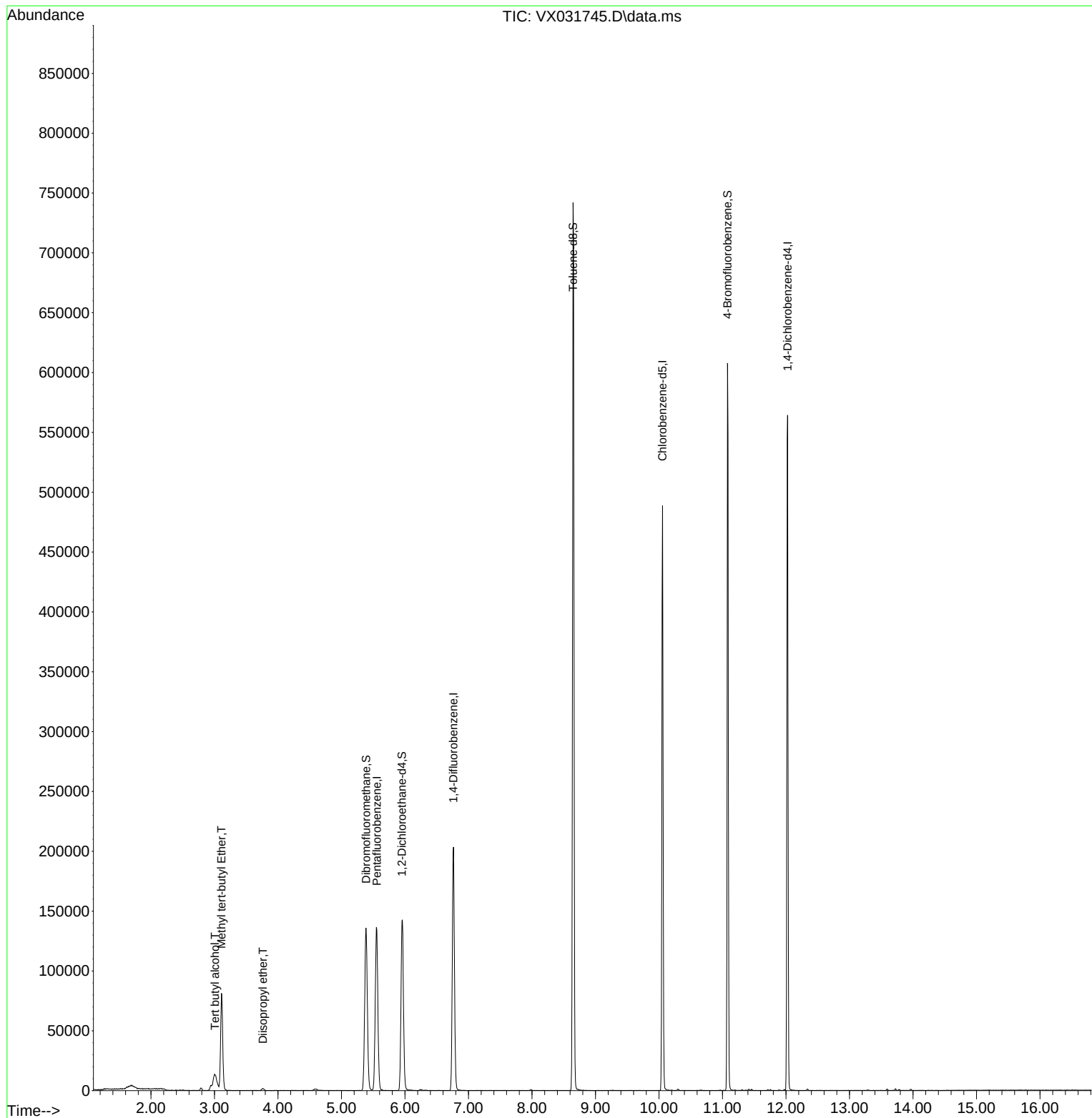
Internal Standards						
1) Pentafluorobenzene	5.556	168	129344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	138818	50.567	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.140%
35) Dibromofluoromethane	5.385	113	115054	45.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.700%
50) Toluene-d8	8.647	98	443616	48.231	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.079	95	151792	45.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.060%
Target Compounds						Qvalue
11) Tert butyl alcohol	3.008	59	30228	64.175	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	89899	14.723	ug/l	94
22) Diisopropyl ether	3.764	45	1726	0.296	ug/l	90

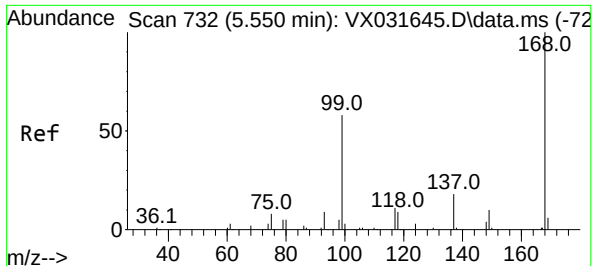
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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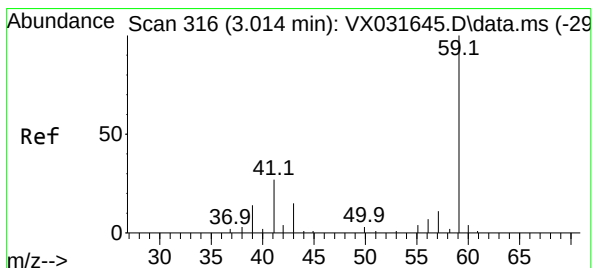
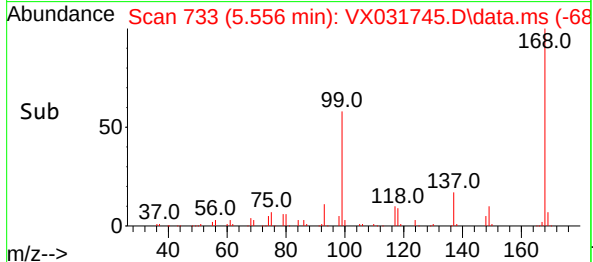
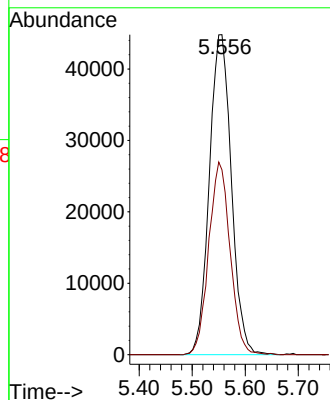
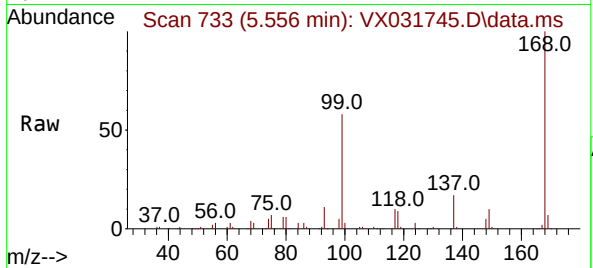




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031745.D
Acq: 28 Sep 2022 23:26

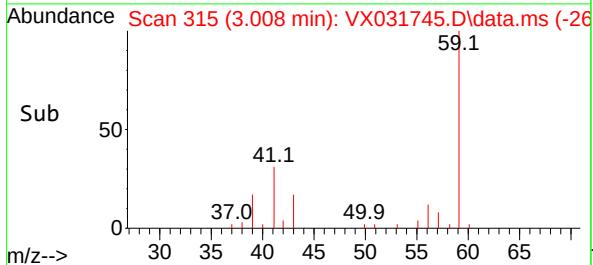
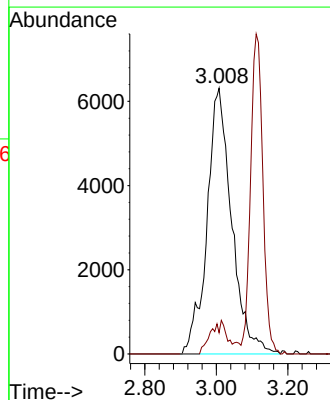
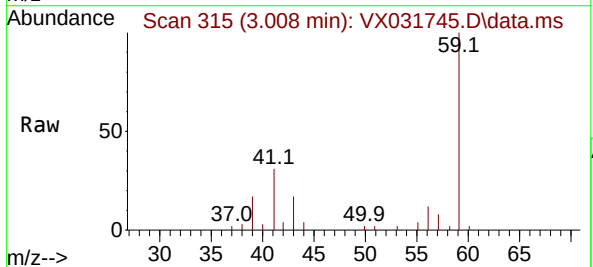
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

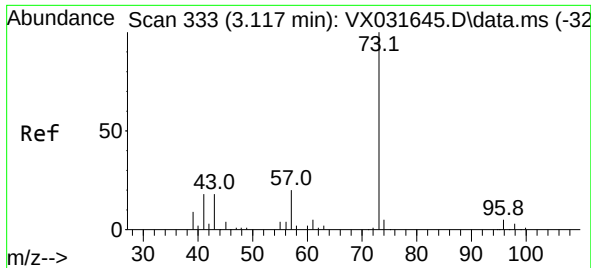
Tgt Ion:168 Resp: 129344
Ion Ratio Lower Upper
168 100
99 57.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 64.175 ug/l
RT: 3.008 min Scan# 315
Delta R.T. 0.019 min
Lab File: VX031745.D
Acq: 28 Sep 2022 23:26

Tgt Ion: 59 Resp: 30228
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.2

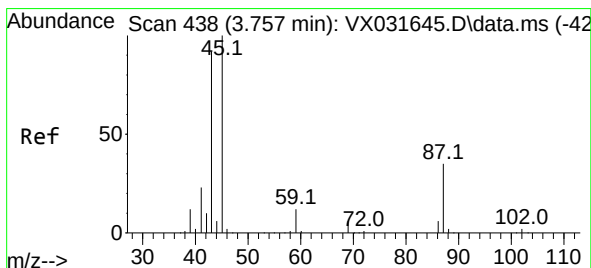
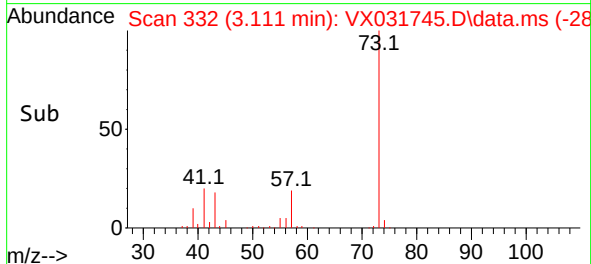
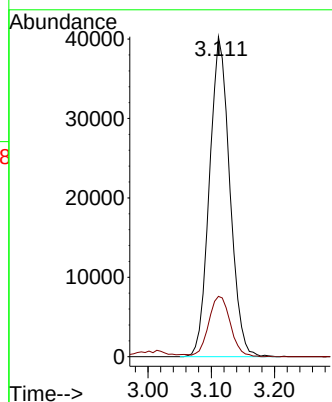
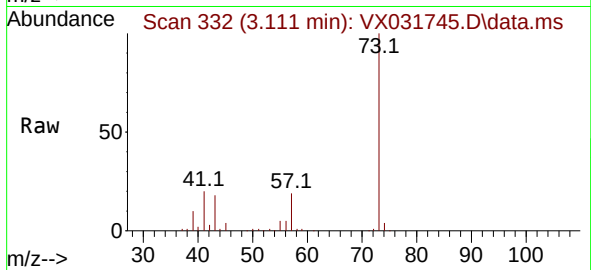




#19
Methyl tert-butyl Ether
Concen: 14.723 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031745.D
Acq: 28 Sep 2022 23:26

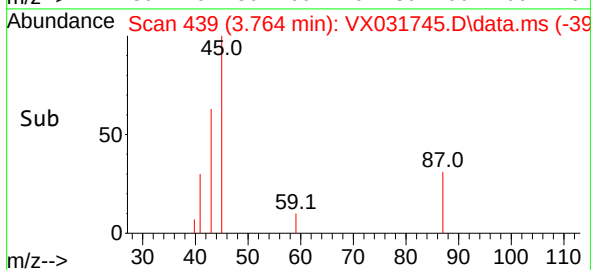
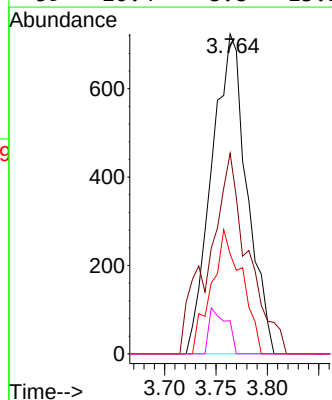
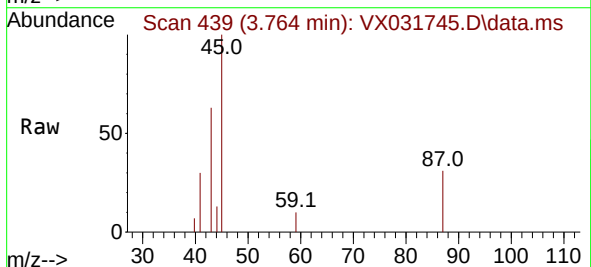
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

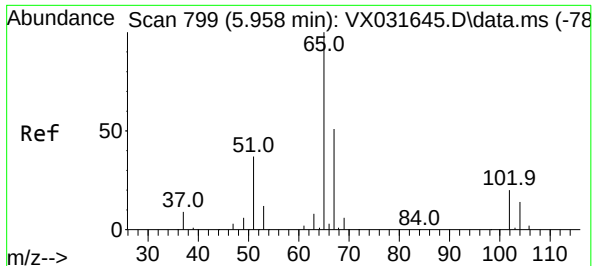
Tgt Ion: 73 Resp: 89899
Ion Ratio Lower Upper
73 100
57 18.9 17.2 25.8



#22
Diisopropyl ether
Concen: 0.296 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031745.D
Acq: 28 Sep 2022 23:26

Tgt Ion: 45 Resp: 1726
Ion Ratio Lower Upper
45 100
43 62.7 59.0 88.6
87 31.2 22.6 33.8
59 10.4 8.8 13.2





#33

1,2-Dichloroethane-d4

Concen: 50.567 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031745.D

Acq: 28 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

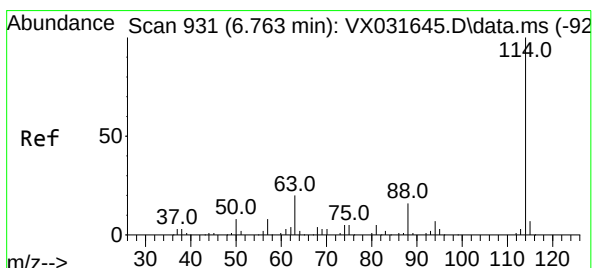
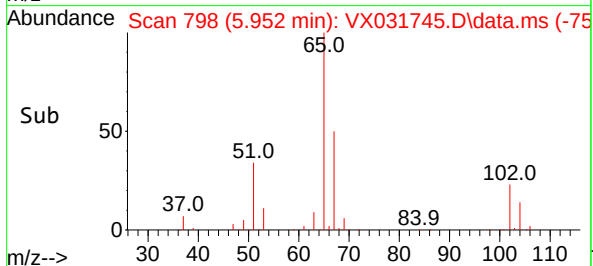
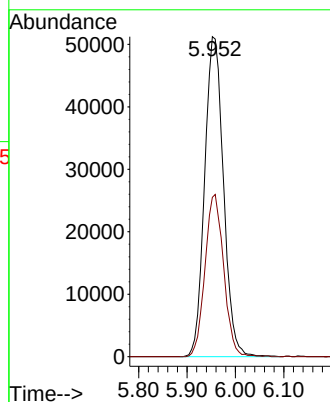
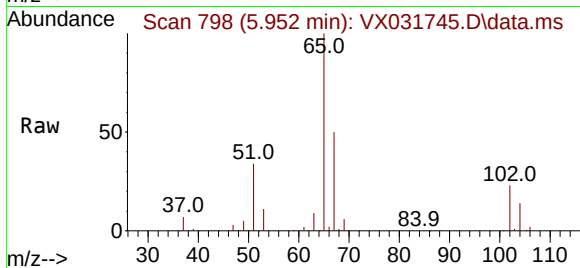
MW-7DL

Tgt Ion: 65 Resp: 138818

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031745.D

Acq: 28 Sep 2022 23:26

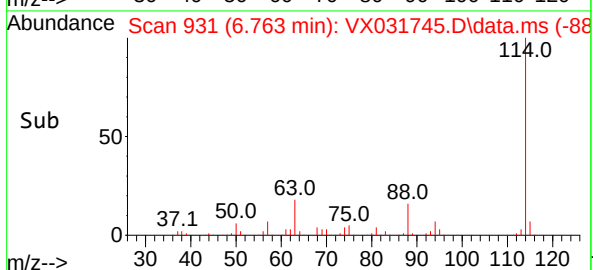
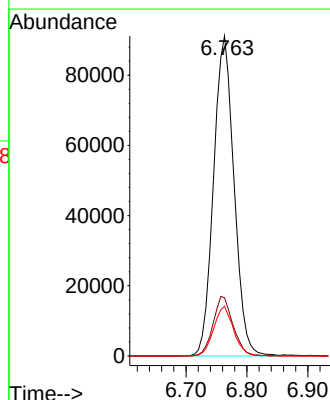
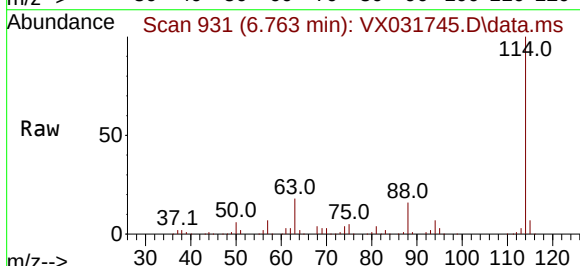
Tgt Ion: 114 Resp: 212924

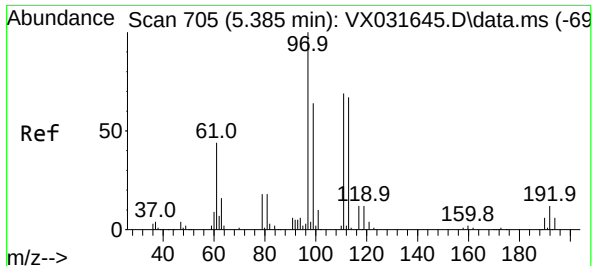
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

88 15.6 0.0 33.0

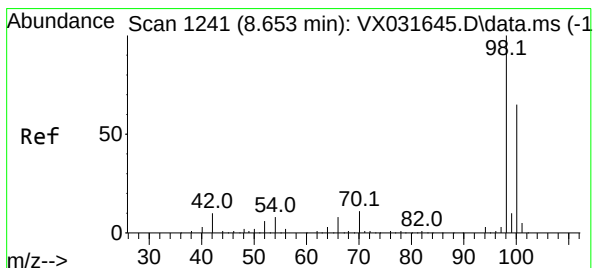
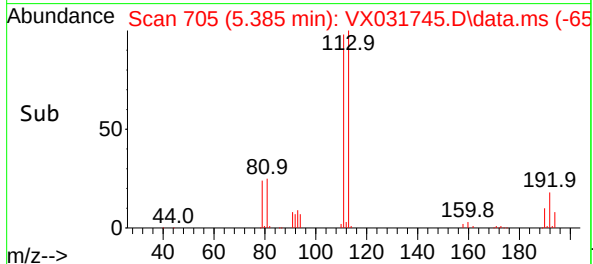
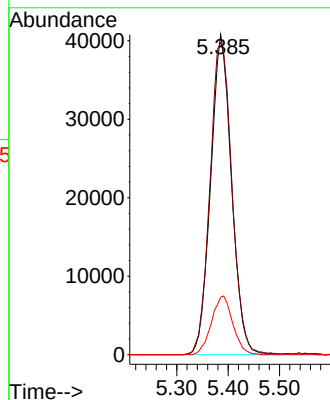
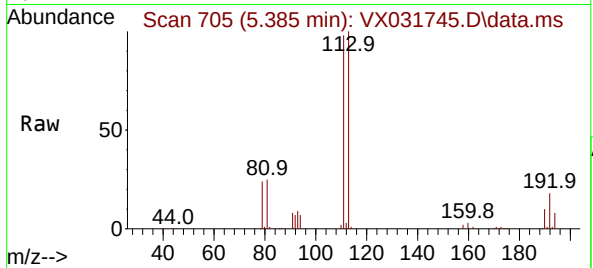




#35
Dibromofluoromethane
Concen: 45.350 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031745.D
Acq: 28 Sep 2022 23:26

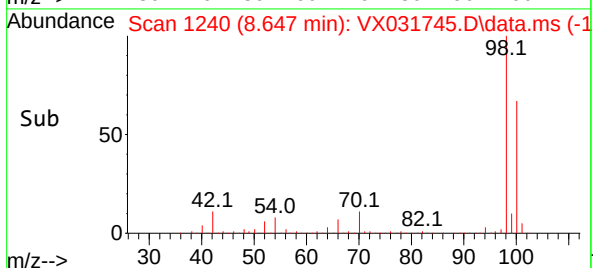
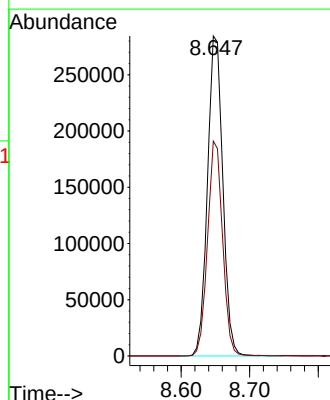
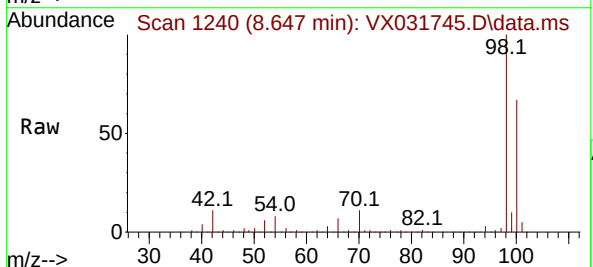
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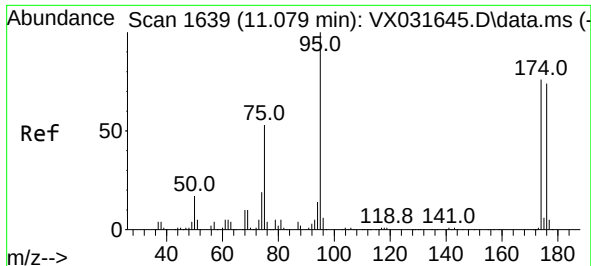
Tgt Ion:113 Resp: 115054
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.7 14.1 21.1



#50
Toluene-d8
Concen: 48.231 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031745.D
Acq: 28 Sep 2022 23:26

Tgt Ion: 98 Resp: 443616
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 45.027 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031745.D

Acq: 28 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

MW-7DL

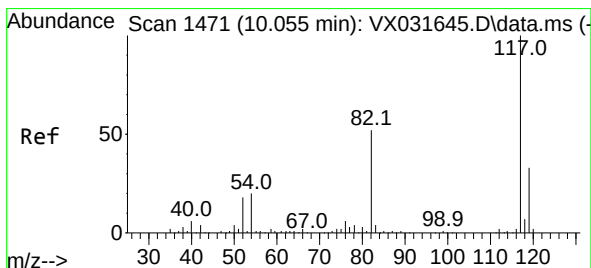
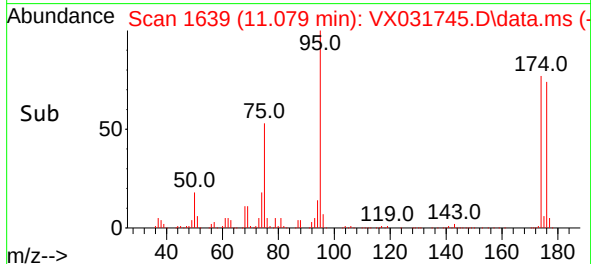
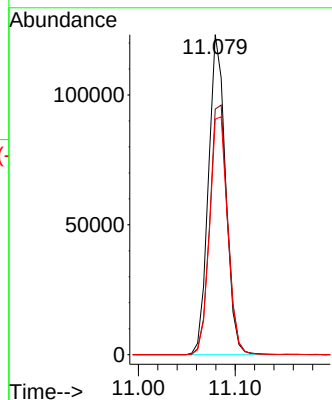
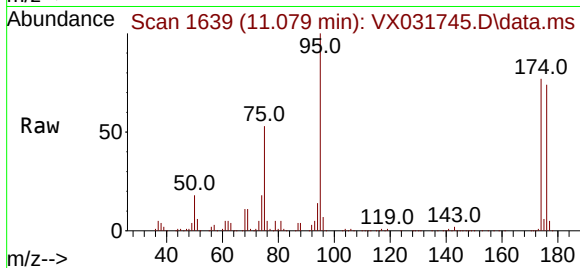
Tgt Ion: 95 Resp: 151792

Ion Ratio Lower Upper

95 100

174 81.8 0.0 153.2

176 78.4 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031745.D

Acq: 28 Sep 2022 23:26

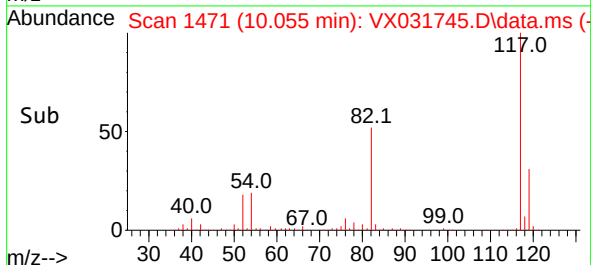
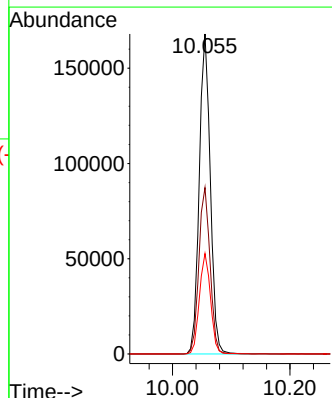
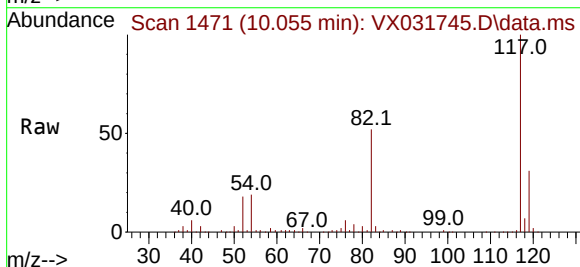
Tgt Ion: 117 Resp: 218770

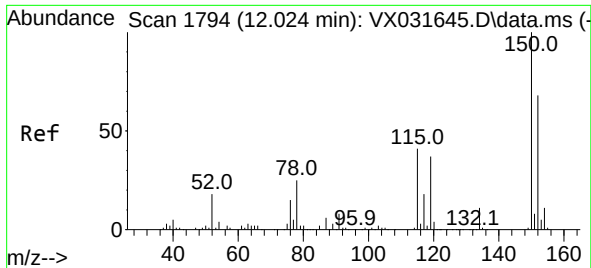
Ion Ratio Lower Upper

117 100

82 52.0 46.8 70.2

119 31.4 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031745.D

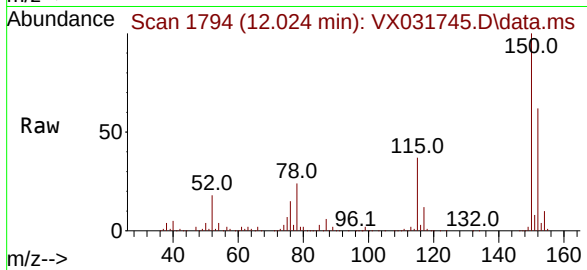
Acq: 28 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

MW-7DL



Tgt Ion:152 Resp: 117507

Ion Ratio Lower Upper

152 100

115 60.3 43.4 130.1

150 157.5 0.0 346.8

