

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033261.D
 Acq On : 06 Dec 2022 15:54
 Operator : JC/MD
 Sample : N5875-07DL 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41DL

Quant Time: Dec 07 01:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

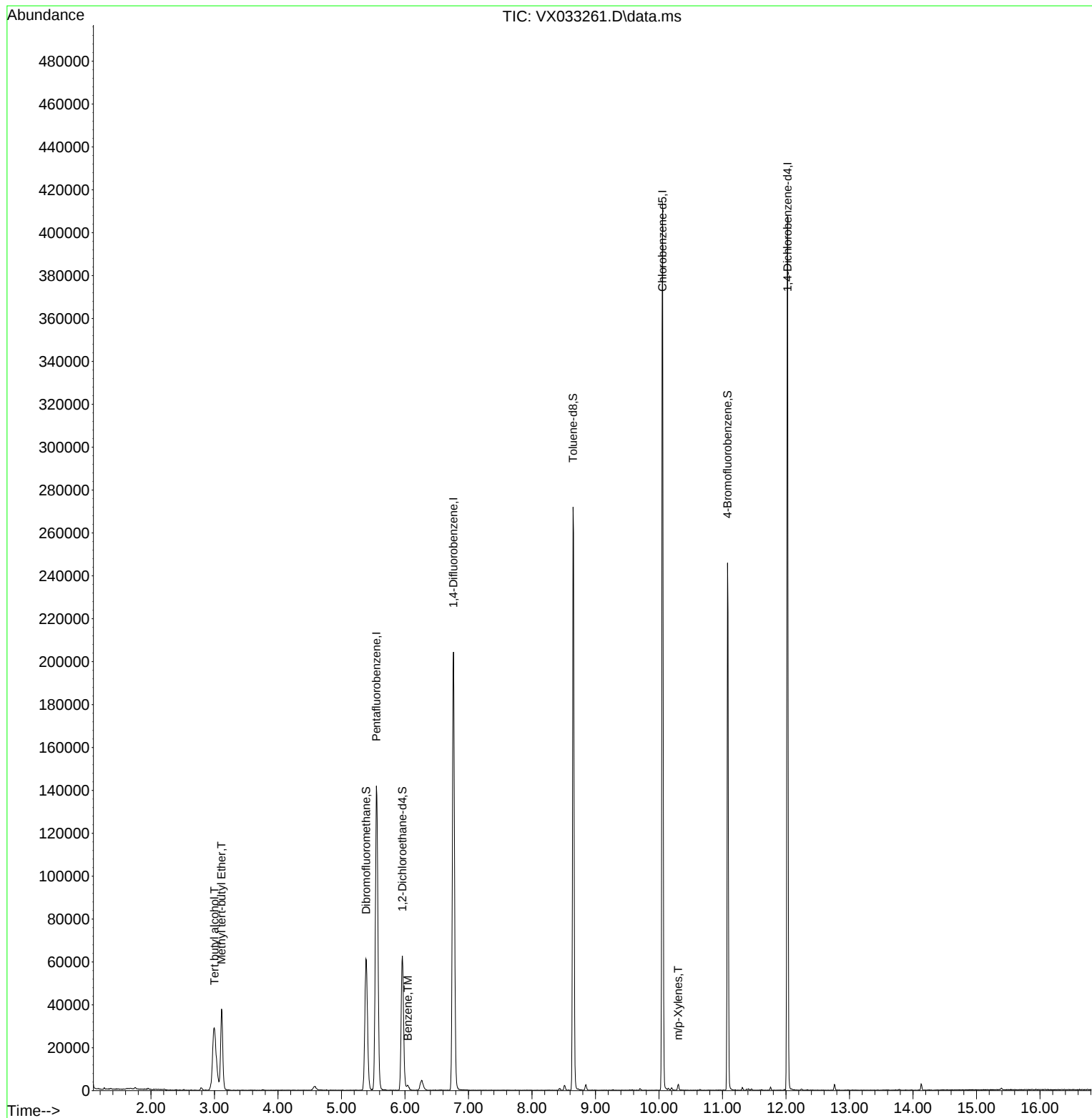
Internal Standards						
1) Pentafluorobenzene	5.550	168	136197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64375	48.262	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.520%
35) Dibromofluoromethane	5.385	113	53559	44.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.100%
50) Toluene-d8	8.647	98	165841	45.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.320%#
62) 4-Bromofluorobenzene	11.079	95	64370	40.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.520%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.002	59	62624	297.850	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	41065	9.962	ug/l	97
40) Benzene	6.044	78	2769	0.514	ug/l	97
68) m/p-Xylenes	10.299	106	729	0.282	ug/l	91

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

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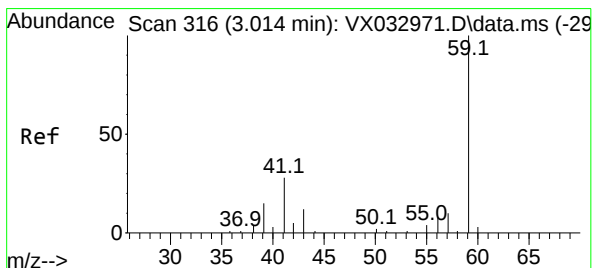
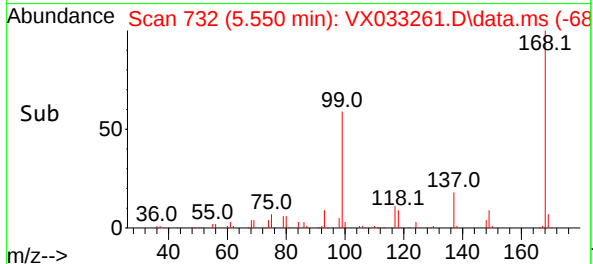
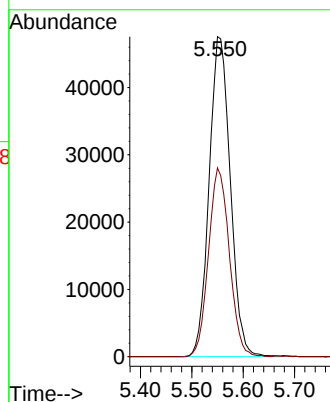
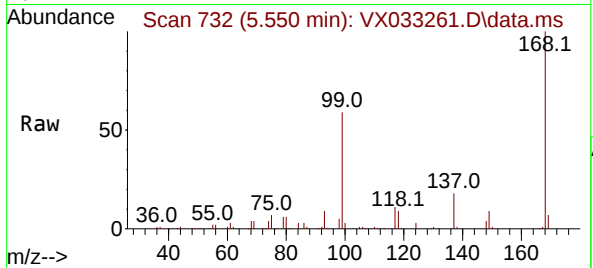




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

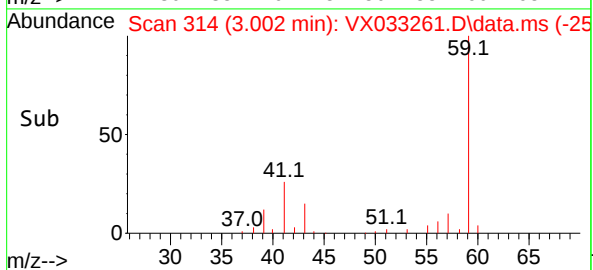
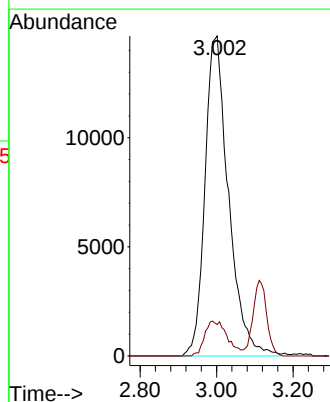
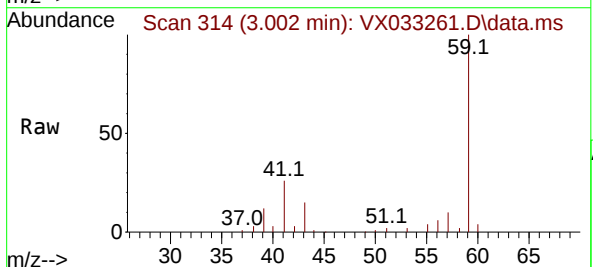
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

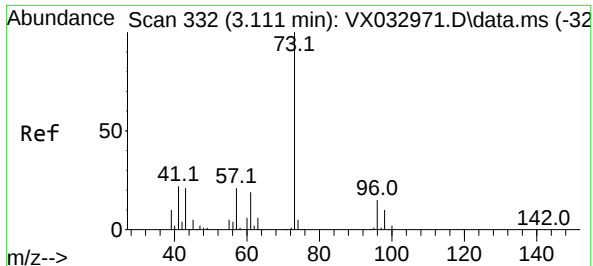
Tgt Ion:168 Resp: 136197
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 297.850 ug/l
RT: 3.002 min Scan# 314
Delta R.T. 0.037 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 59 Resp: 62624
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

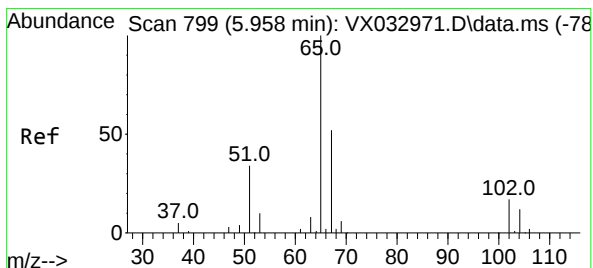
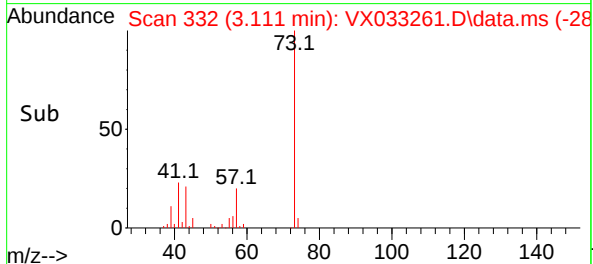
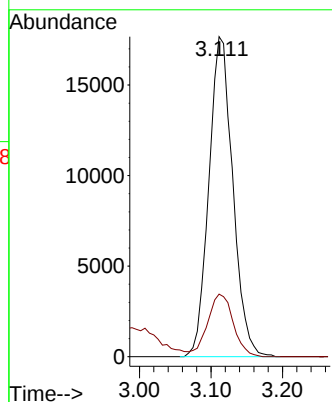
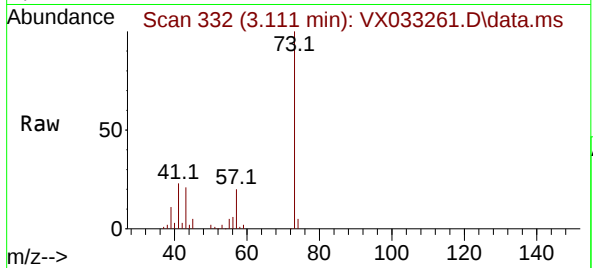




#19
Methyl tert-butyl Ether
Concen: 9.962 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

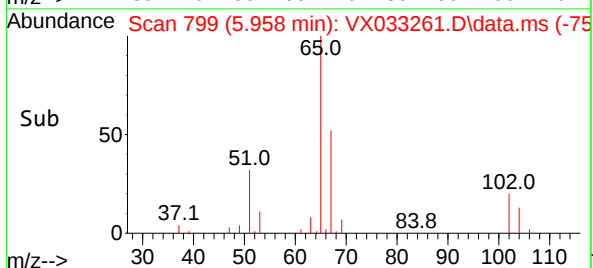
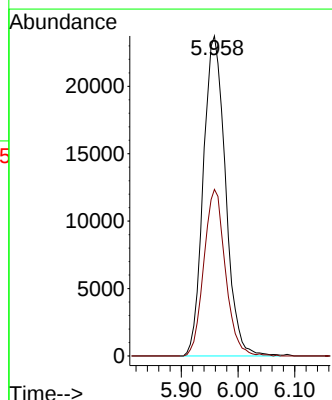
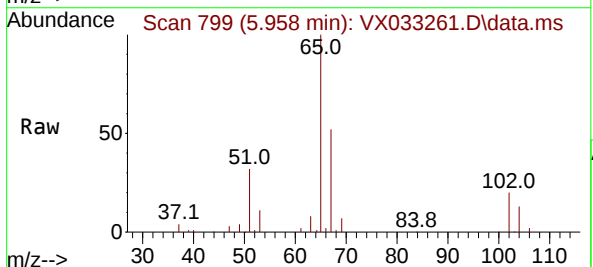
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

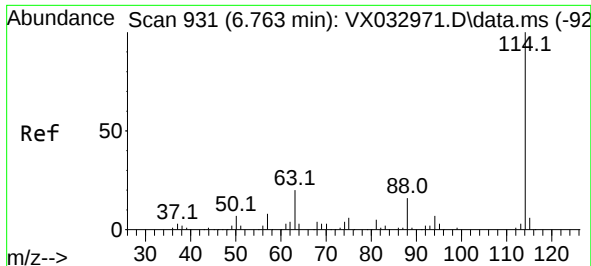
Tgt Ion: 73 Resp: 41065
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0



#33
1,2-Dichloroethane-d4
Concen: 48.262 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 65 Resp: 64375
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

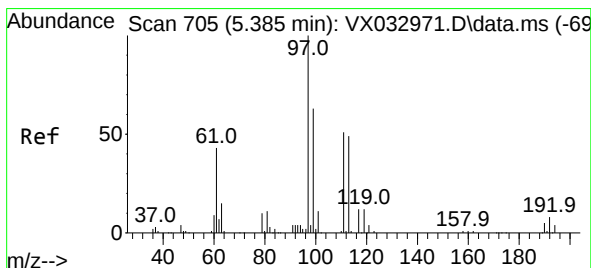
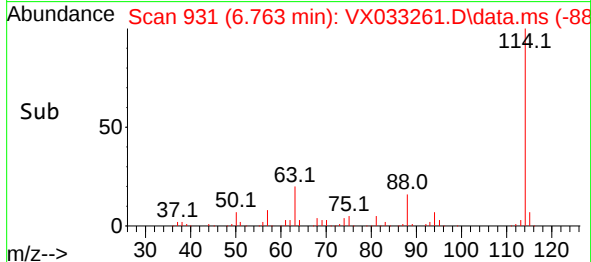
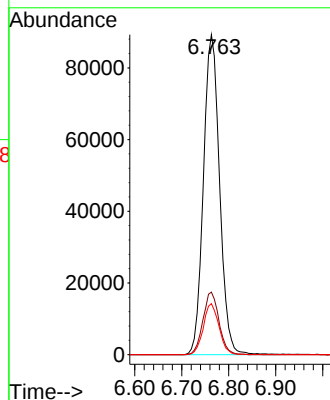
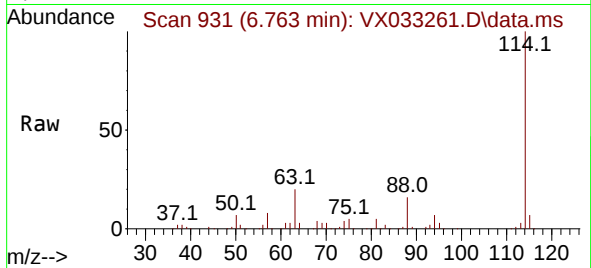




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

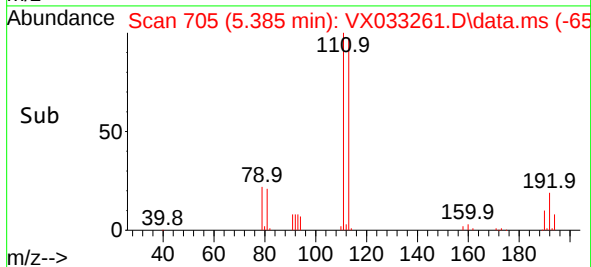
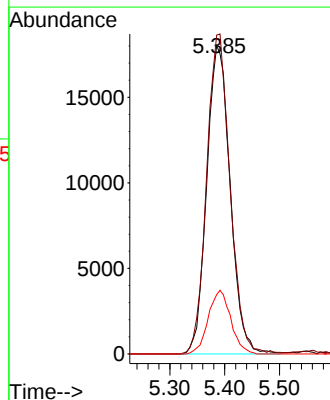
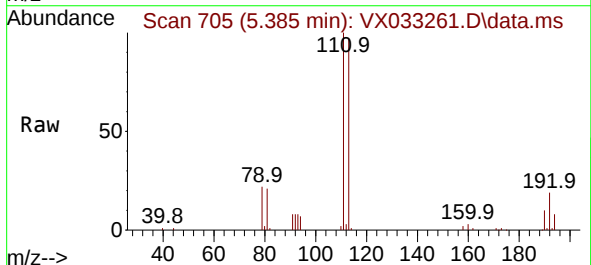
Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

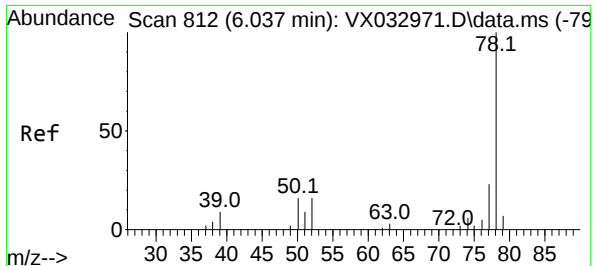
Tgt Ion:114 Resp: 213241
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 44.552 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion:113 Resp: 53559
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.8 15.4 23.2

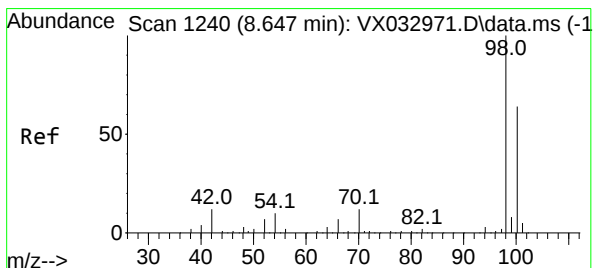
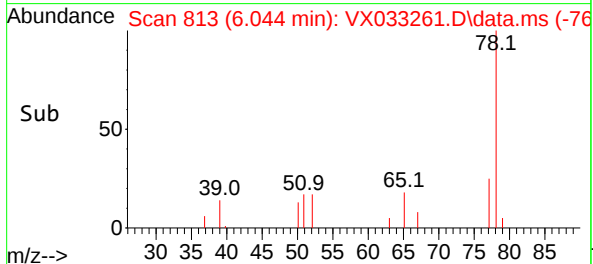
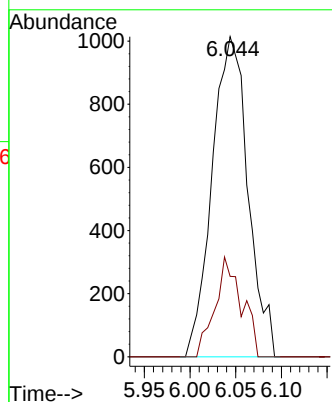
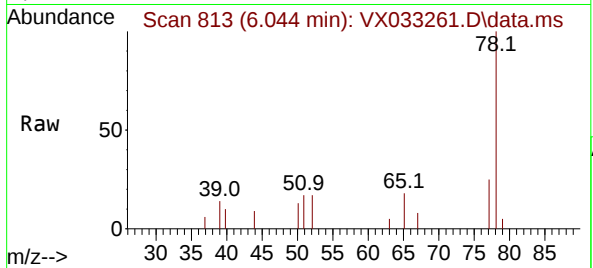




#40
Benzene
Concen: 0.514 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

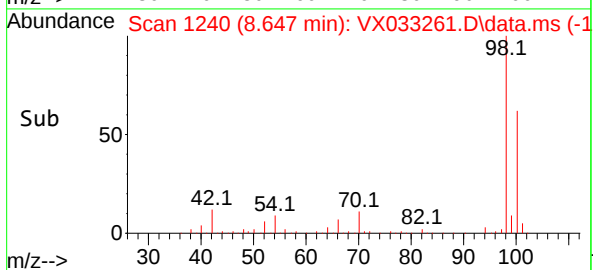
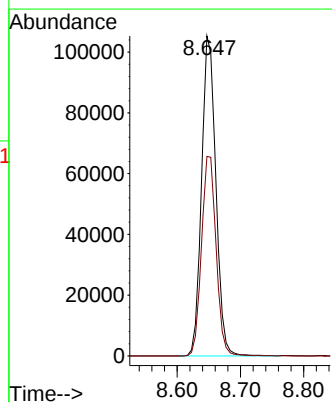
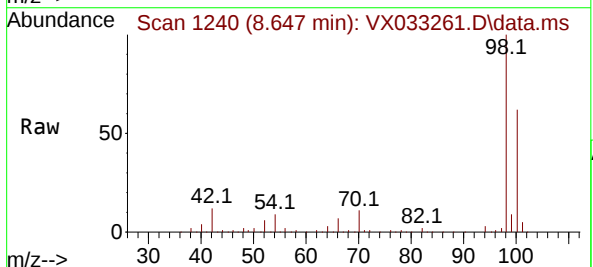
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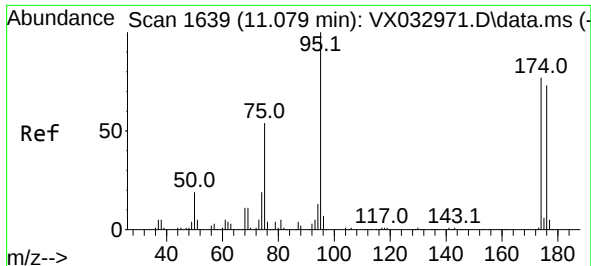
Tgt Ion: 78 Resp: 2769
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.4



#50
Toluene-d8
Concen: 45.662 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion: 98 Resp: 165841
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 40.762 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033261.D

Acq: 06 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

MW-41DL

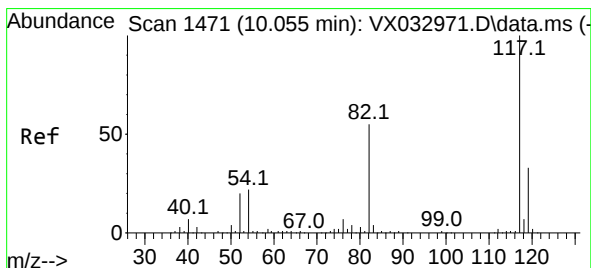
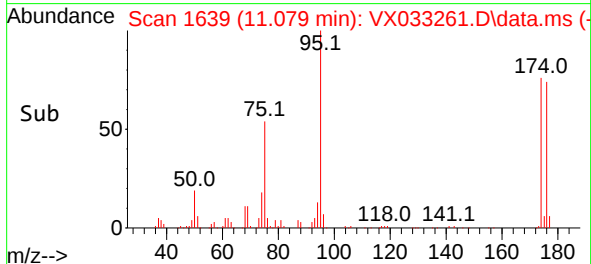
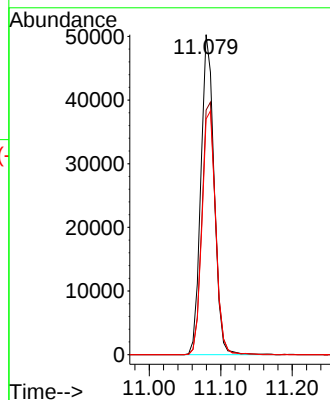
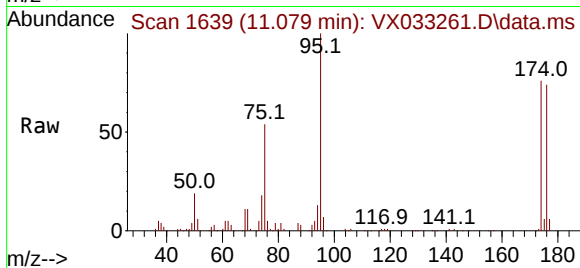
Tgt Ion: 95 Resp: 64370

Ion Ratio Lower Upper

95 100

174 81.7 0.0 164.0

176 79.0 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: VX033261.D

Acq: 06 Dec 2022 15:54

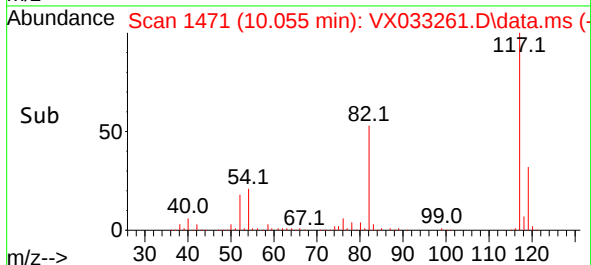
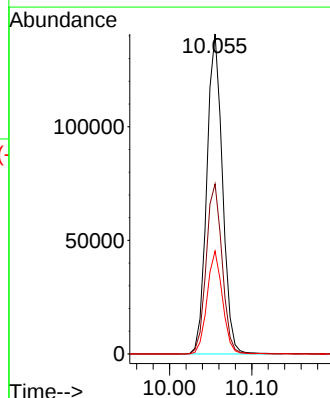
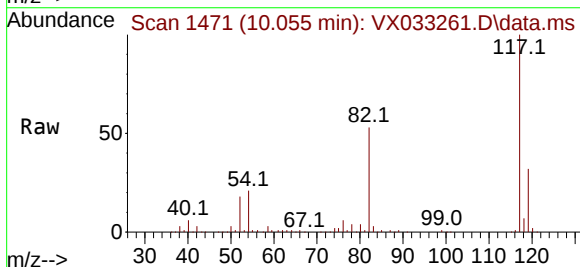
Tgt Ion: 117 Resp: 186418

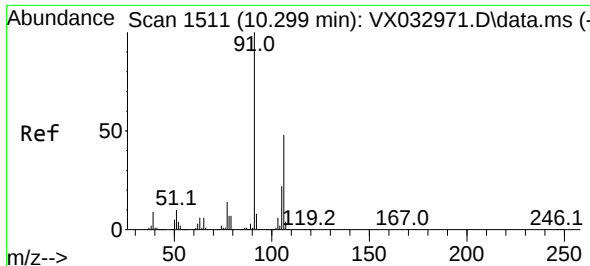
Ion Ratio Lower Upper

117 100

82 53.2 44.3 66.5

119 32.2 25.7 38.5

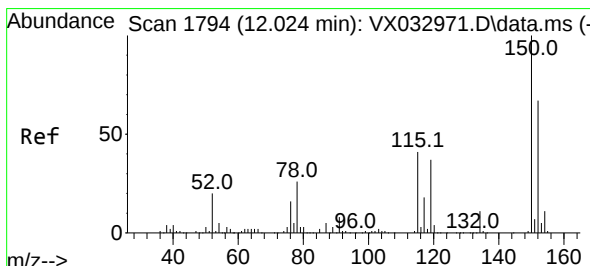
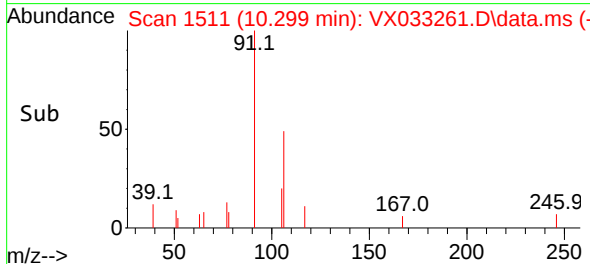
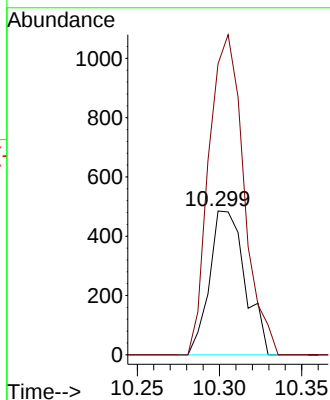
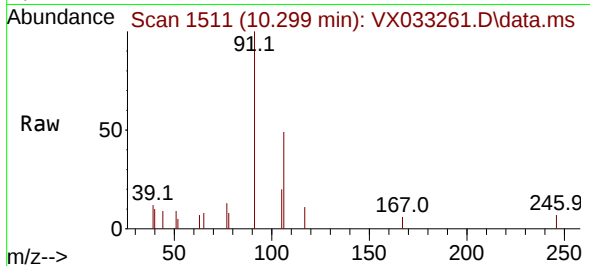




#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-41DL

Tgt Ion:106 Resp: 729
Ion Ratio Lower Upper
106 100
91 219.1 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033261.D
Acq: 06 Dec 2022 15:54

Tgt Ion:152 Resp: 86291
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 156.7 0.0 351.8

