

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030975.D
 Acq On : 31 Aug 2022 13:59
 Operator : JC/MD
 Sample : N4381-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Quant Time: Sep 01 00:56:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

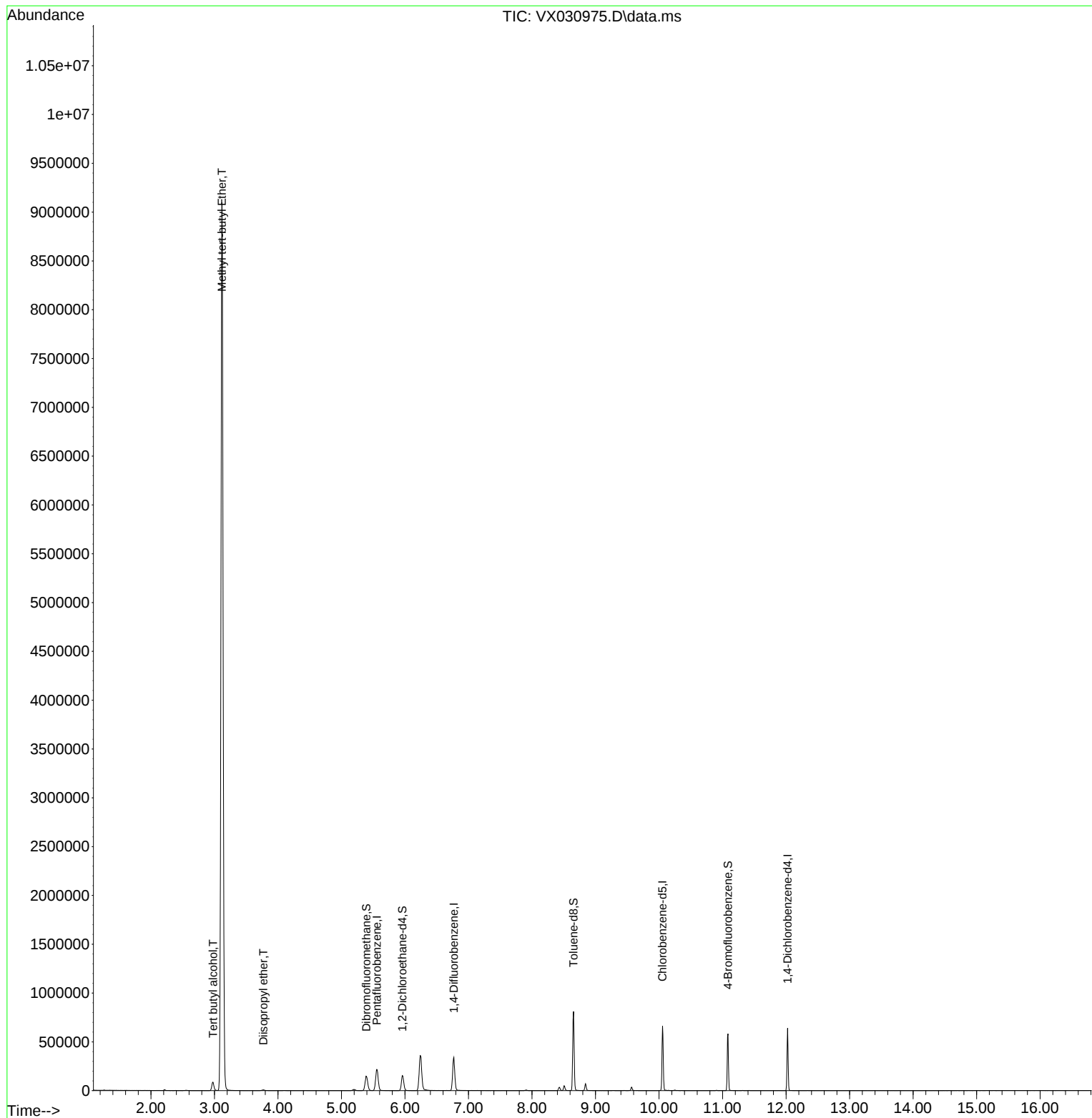
Internal Standards						
1) Pentafluorobenzene	5.556	168	214459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149200	48.505	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.020%
35) Dibromofluoromethane	5.391	113	135532	50.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	8.653	98	507982	51.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.560%
62) 4-Bromofluorobenzene	11.085	95	163090	46.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	110362	151.439	ug/l #	74
19) Methyl tert-butyl Ether	3.117	73	10832340	1276.036	ug/l	98
22) Diisopropyl ether	3.770	45	8132	0.933	ug/l #	72

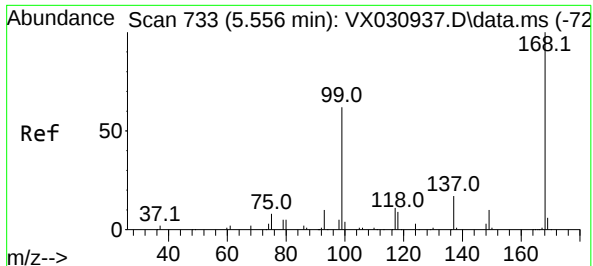
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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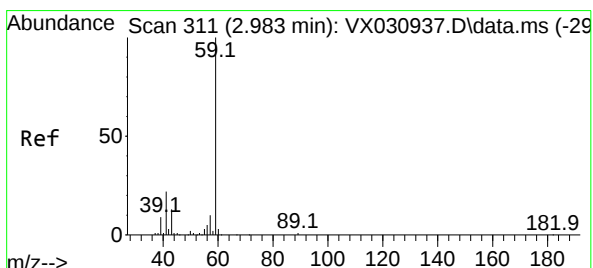
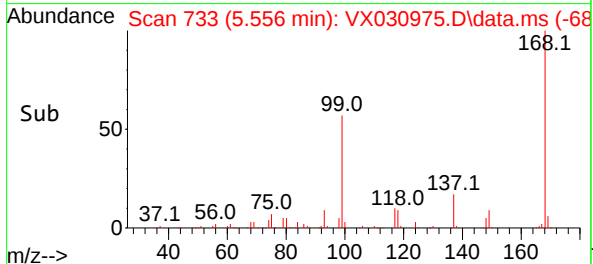
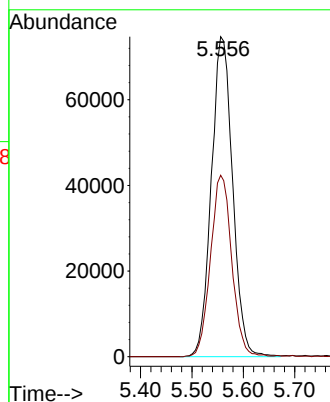
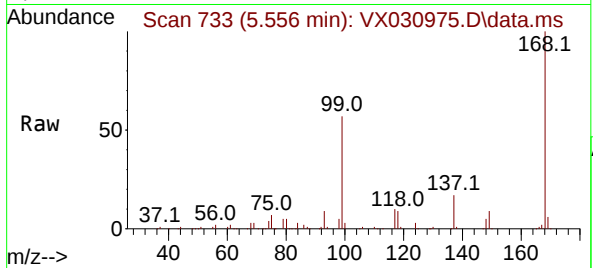




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030975.D
Acq: 31 Aug 2022 13:59

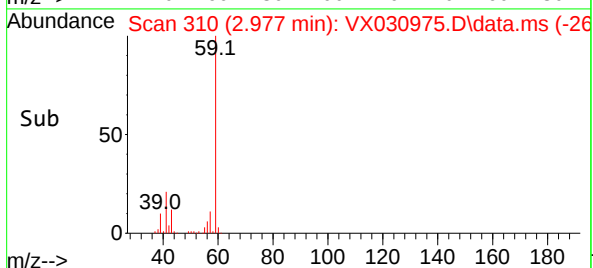
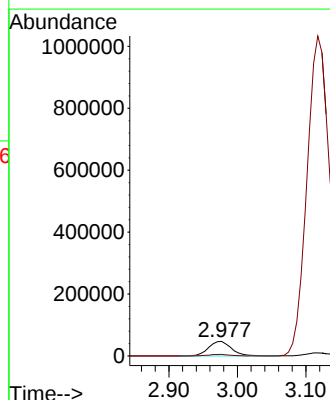
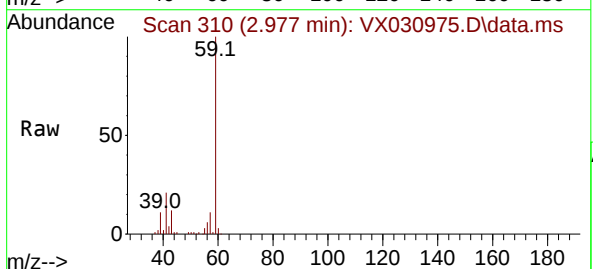
Instrument :
MSVOA_X
ClientSampleId :
MW-36

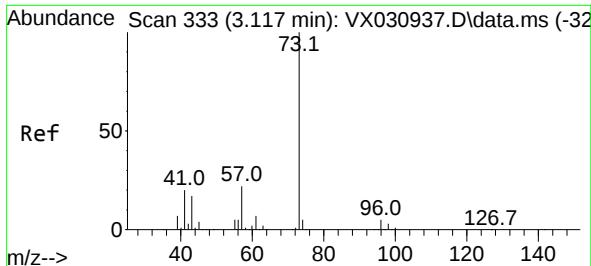
Tgt Ion:168 Resp: 214459
Ion Ratio Lower Upper
168 100
99 56.7 44.0 66.0



#11
Tert butyl alcohol
Concen: 151.439 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX030975.D
Acq: 31 Aug 2022 13:59

Tgt Ion: 59 Resp: 110362
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

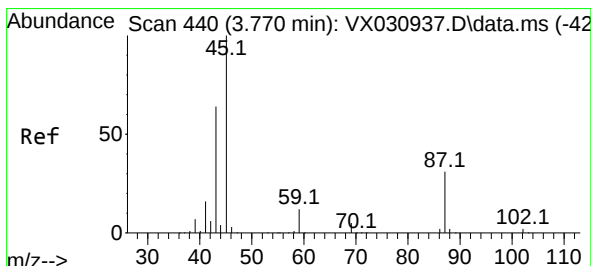
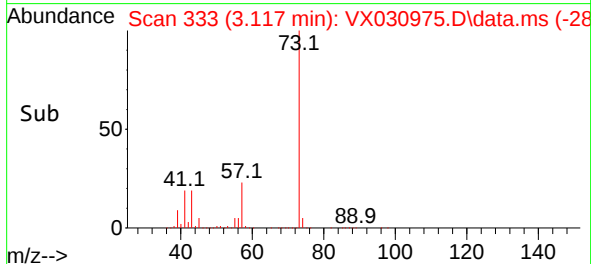
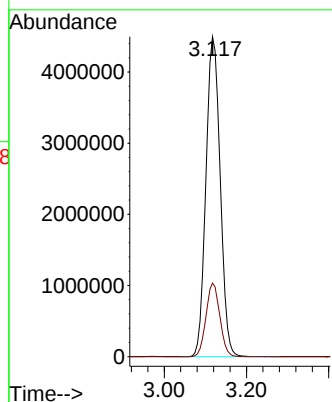
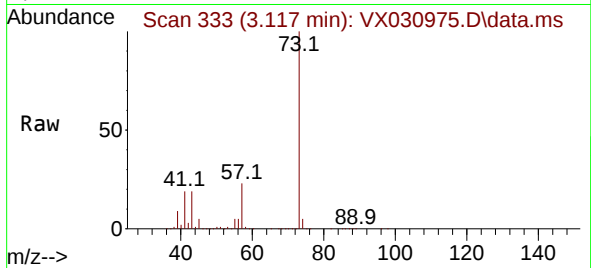




#19
Methyl tert-butyl Ether
Concen: 1276.036 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030975.D
Acq: 31 Aug 2022 13:59

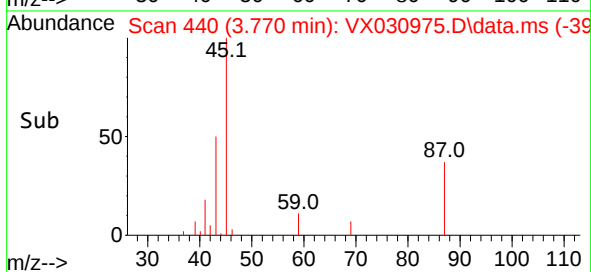
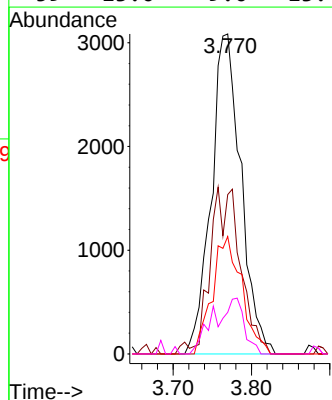
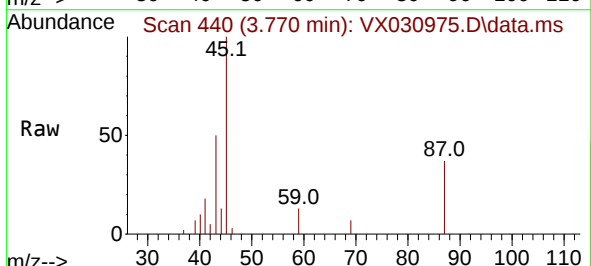
Instrument :
MSVOA_X
ClientSampleId :
MW-36

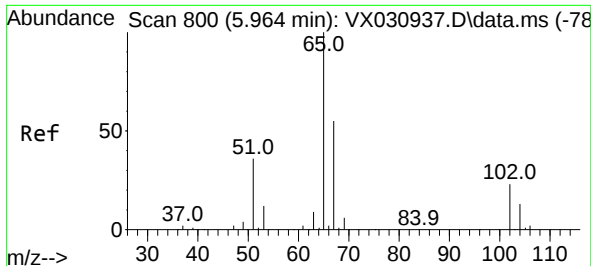
Tgt Ion: 73 Resp:10832340
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6



#22
Diisopropyl ether
Concen: 0.933 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX030975.D
Acq: 31 Aug 2022 13:59

Tgt Ion: 45 Resp: 8132
Ion Ratio Lower Upper
45 100
43 49.8 65.4 98.0#
87 36.7 22.3 33.5#
59 13.0 9.0 13.4

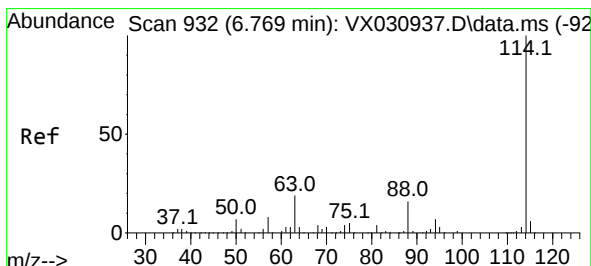
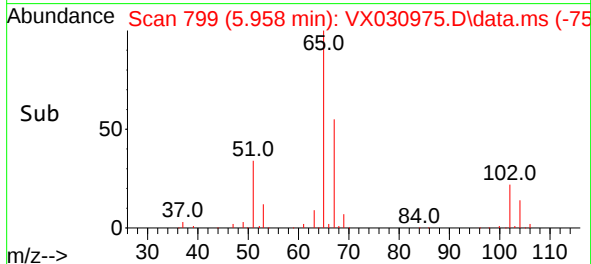
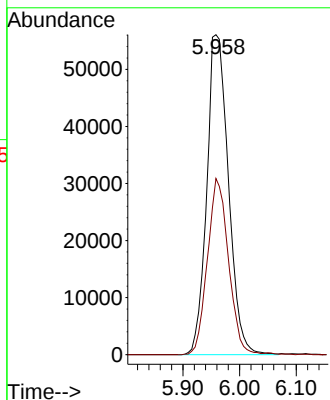
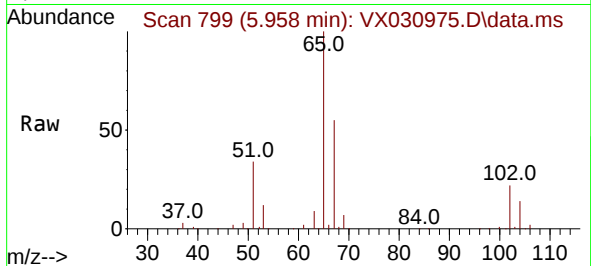




#33
 1,2-Dichloroethane-d4
 Concen: 48.505 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX030975.D
 Acq: 31 Aug 2022 13:59

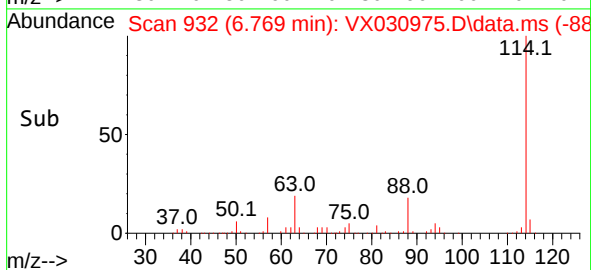
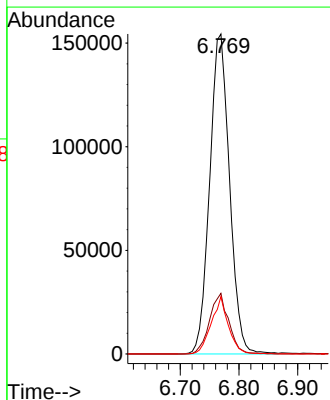
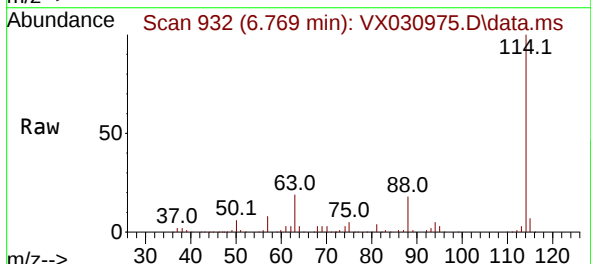
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

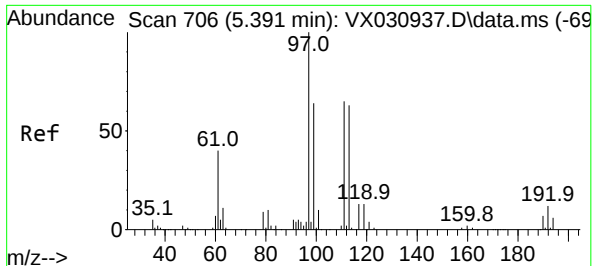
Tgt Ion: 65 Resp: 149200
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030975.D
 Acq: 31 Aug 2022 13:59

Tgt Ion: 114 Resp: 362869
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 17.9 0.0 31.8

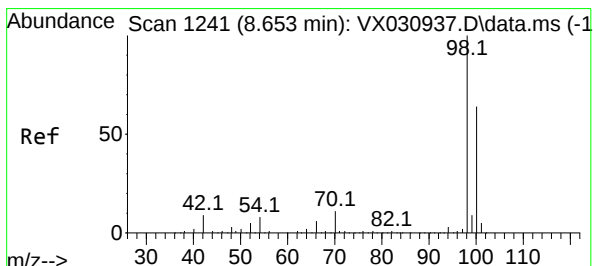
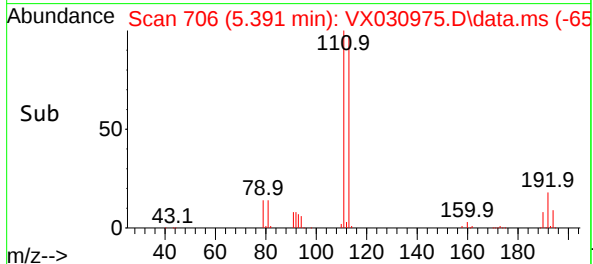
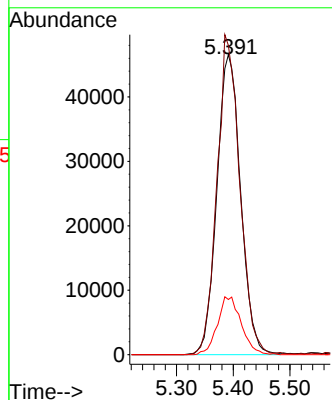
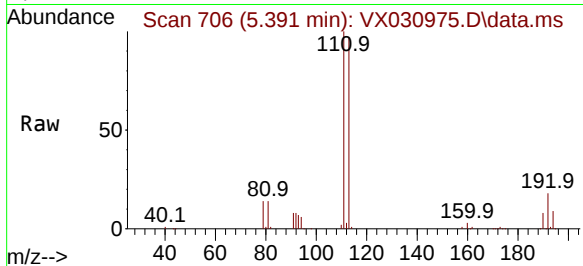




#35
Dibromofluoromethane
Concen: 50.669 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030975.D
Acq: 31 Aug 2022 13:59

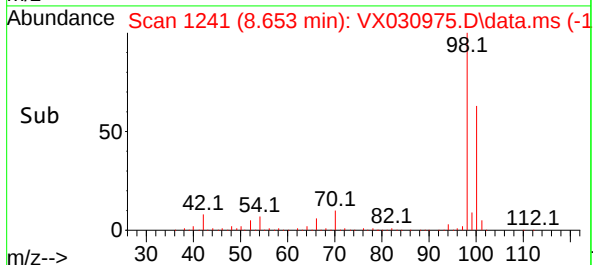
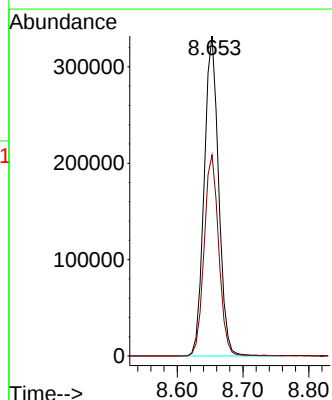
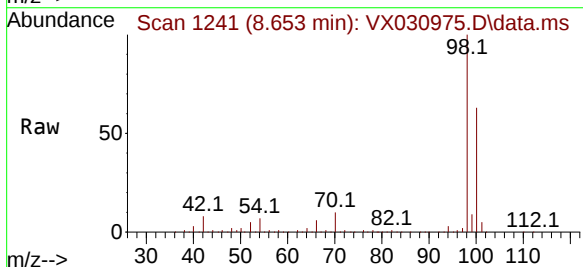
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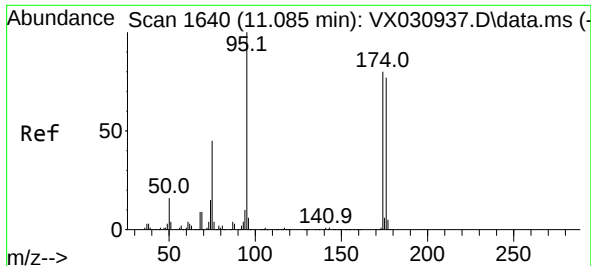
Tgt Ion:113 Resp: 135532
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 19.4 14.8 22.2



#50
Toluene-d8
Concen: 51.280 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030975.D
Acq: 31 Aug 2022 13:59

Tgt Ion: 98 Resp: 507982
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5

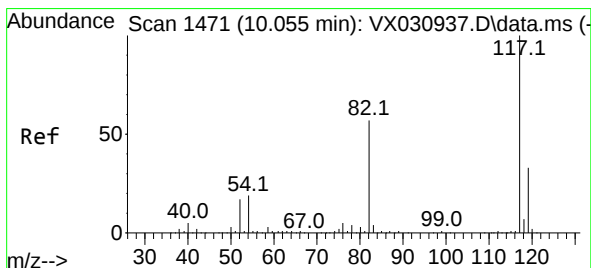
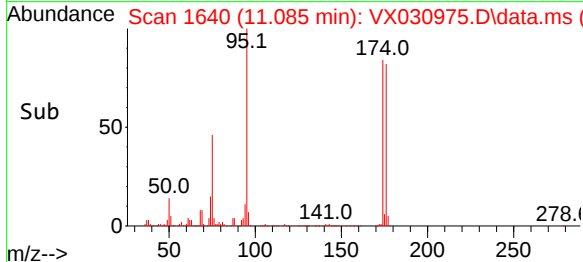
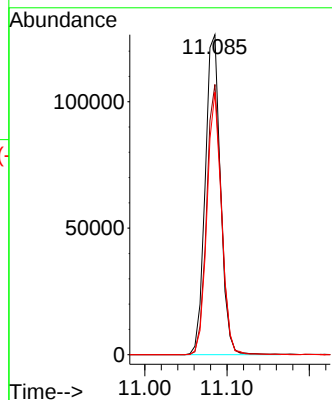
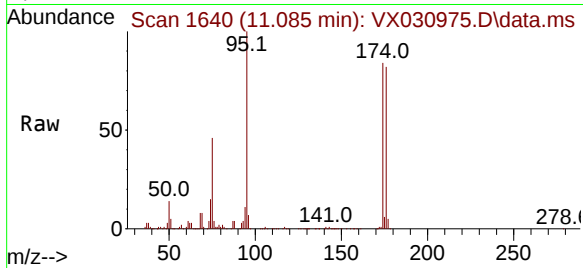




#62
4-Bromofluorobenzene
Concen: 46.233 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030975.D
Acq: 31 Aug 2022 13:59

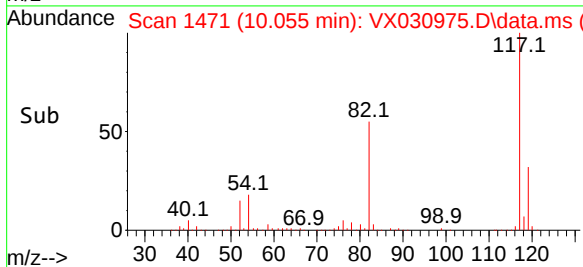
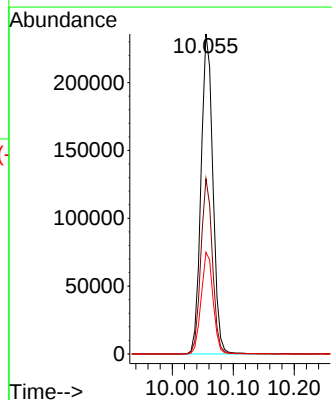
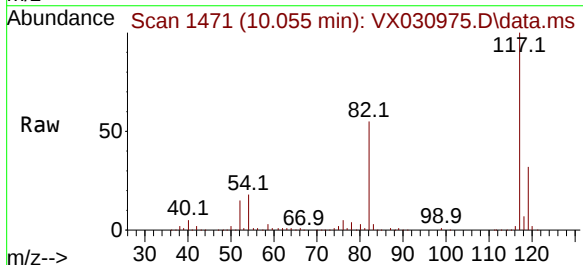
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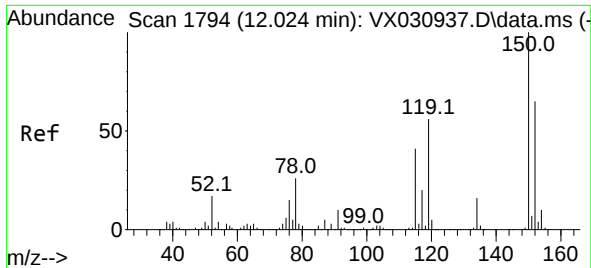
Tgt Ion: 95 Resp: 163090
Ion Ratio Lower Upper
95 100
174 82.2 0.0 149.0
176 78.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030975.D
Acq: 31 Aug 2022 13:59

Tgt Ion: 117 Resp: 319346
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030975.D

Acq: 31 Aug 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

MW-36

Tgt Ion:152 Resp: 132754

Ion Ratio Lower Upper

152 100

115 58.9 40.5 121.5

150 161.2 0.0 347.0

