

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112922\
 Data File : VX033116.D
 Acq On : 29 Nov 2022 14:33
 Operator : JC/MD
 Sample : N5742-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Nov 30 01:03:17 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)

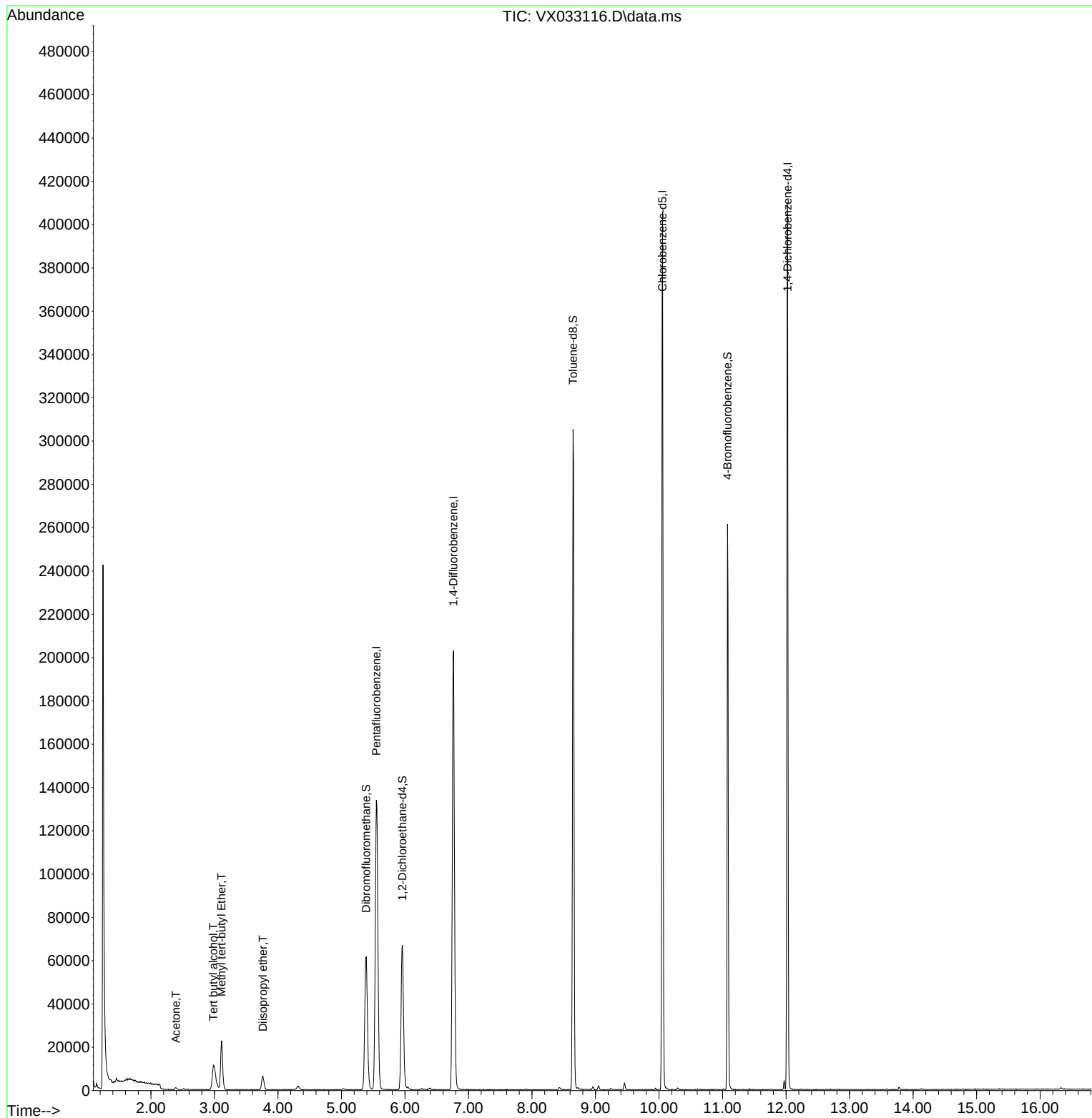
Internal Standards						
1) Pentafluorobenzene	5.550	168	128907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68080	54.319	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.640%
35) Dibromofluoromethane	5.385	113	54767	47.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	181667	52.112	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.220%
62) 4-Bromofluorobenzene	11.079	95	65881	43.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	22217	111.644	ug/l	99
16) Acetone	2.392	43	1269	2.165	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	23630	6.057	ug/l	100
22) Diisopropyl ether	3.764	45	6592	1.667	ug/l #	84

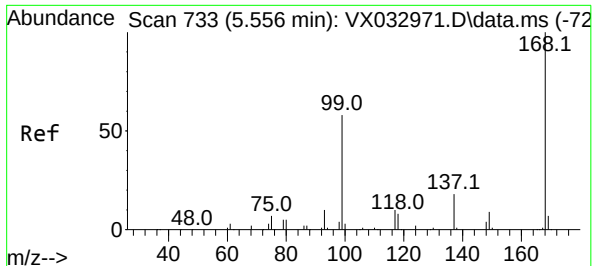
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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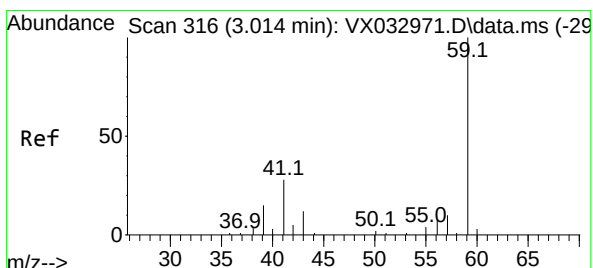
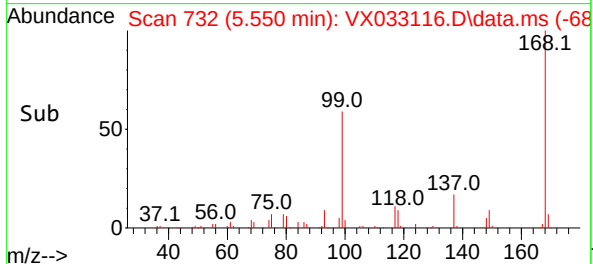
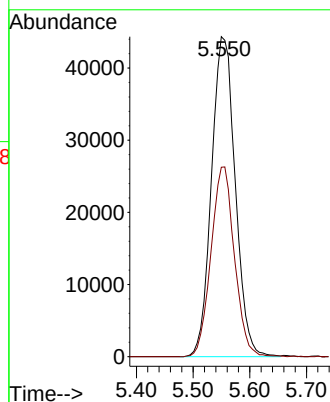
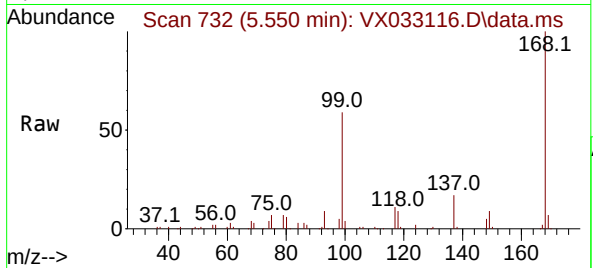




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

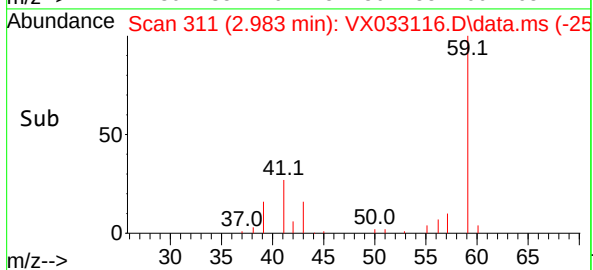
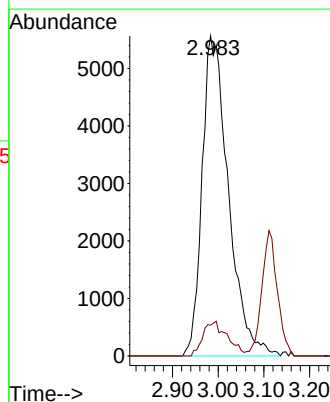
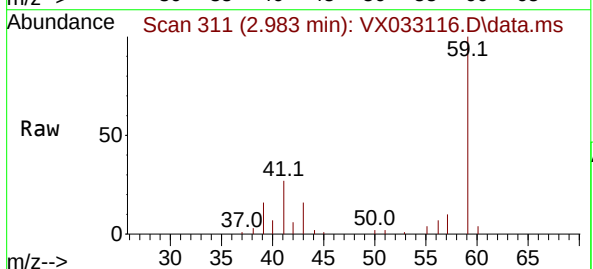
Instrument :
MSVOA_X
ClientSampleId :
MW-44

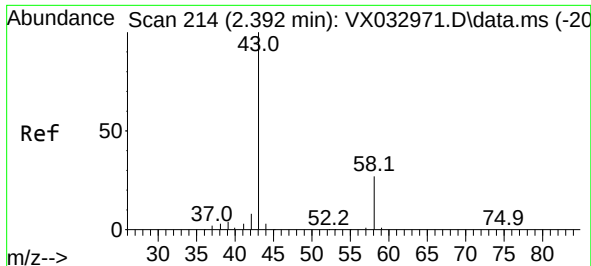
Tgt Ion:168 Resp: 128907
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 111.644 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

Tgt Ion: 59 Resp: 22217
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

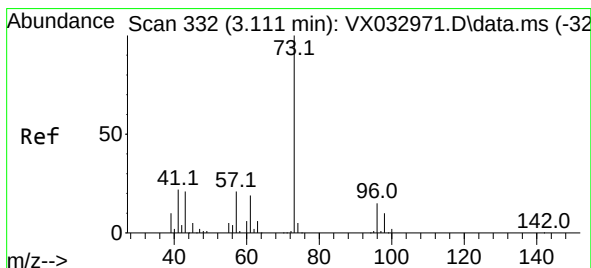
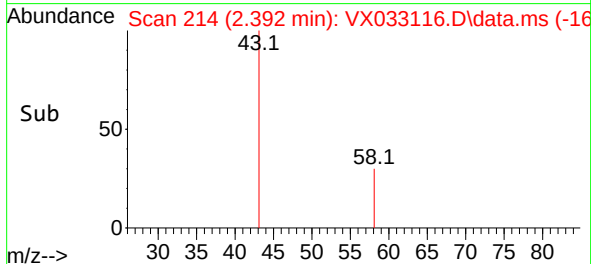
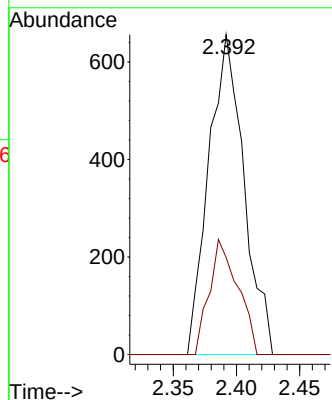
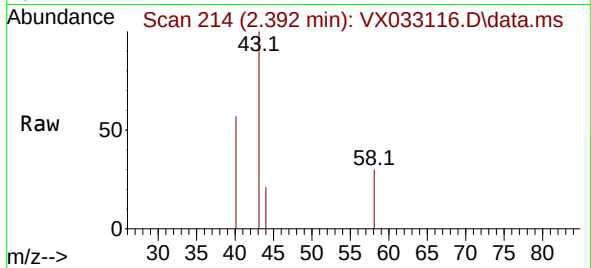




#16
Acetone
Concen: 2.165 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

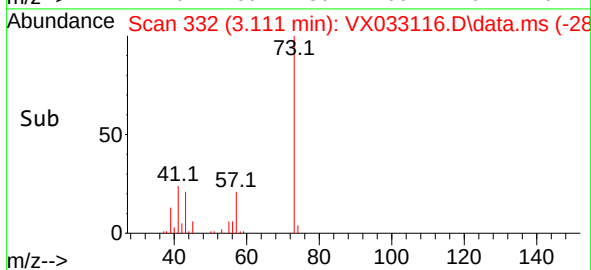
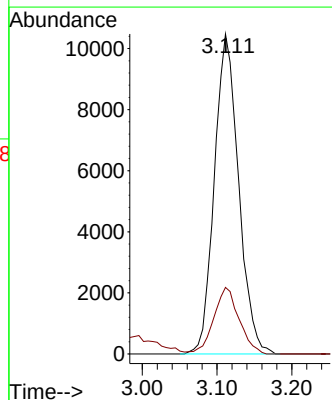
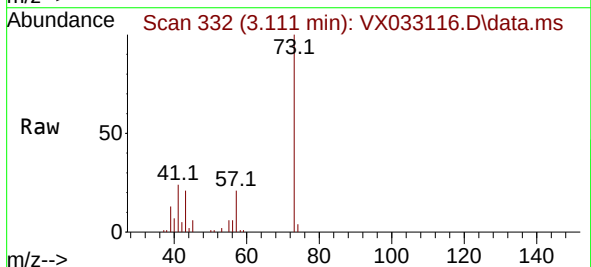
Instrument :
MSVOA_X
ClientSampleId :
MW-44

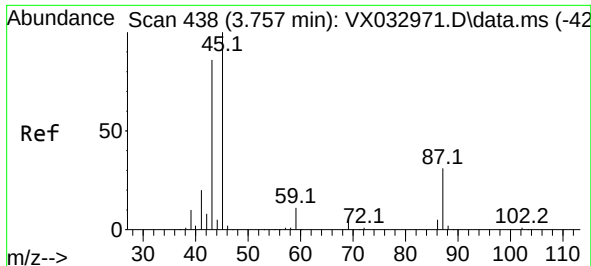
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 6.057 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

Tgt Ion: 73 Resp: 23630
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0

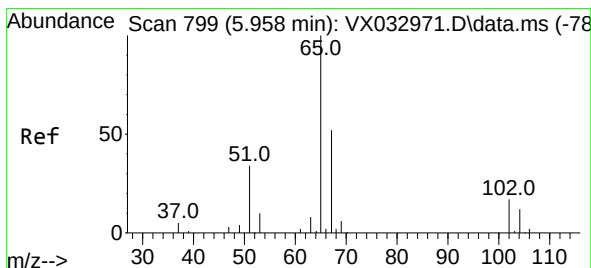
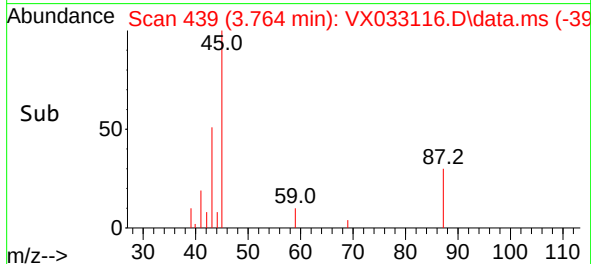
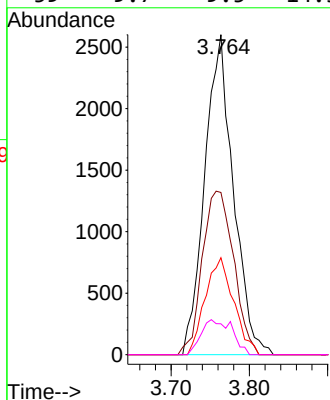
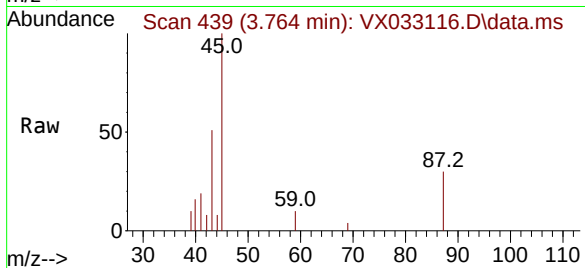




#22
Diisopropyl ether
Concen: 1.667 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

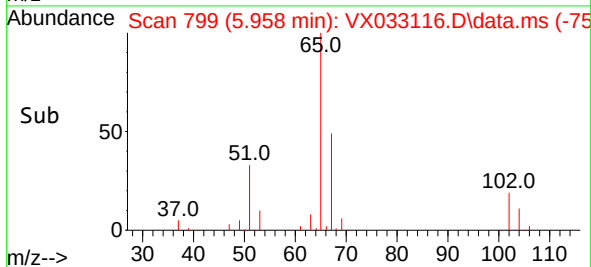
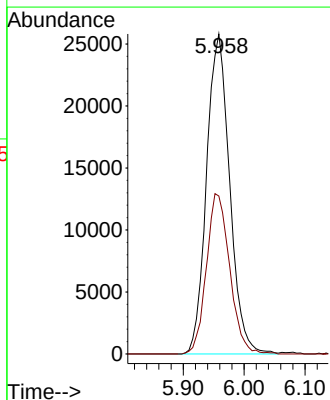
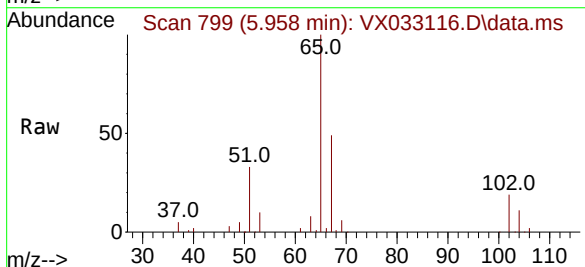
Instrument :
MSVOA_X
ClientSampleId :
MW-44

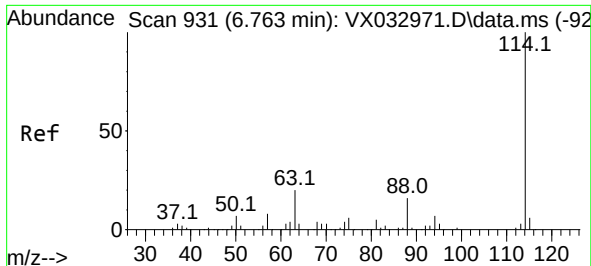
Tgt Ion: 45	Resp: 6592
Ion Ratio	Lower Upper
45 100	
43 50.7	56.4 84.6#
87 30.3	24.4 36.6
59 9.7	9.5 14.3



#33
1,2-Dichloroethane-d4
Concen: 54.319 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

Tgt Ion: 65	Resp: 68080
Ion Ratio	Lower Upper
65 100	
67 50.5	0.0 101.8

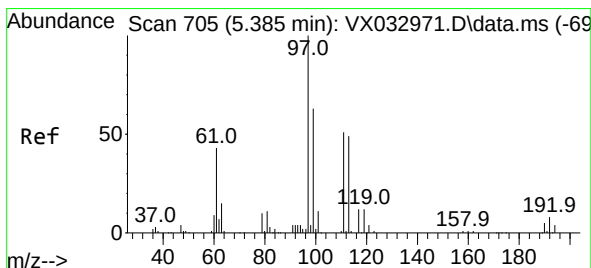
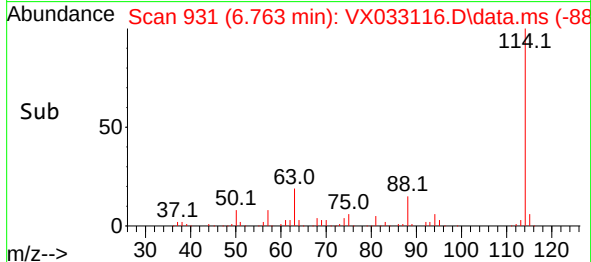
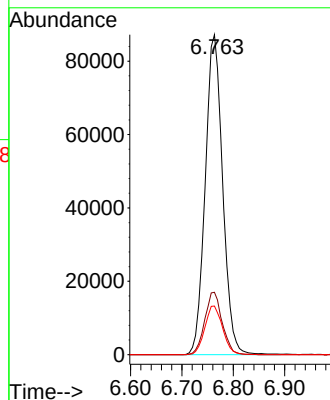
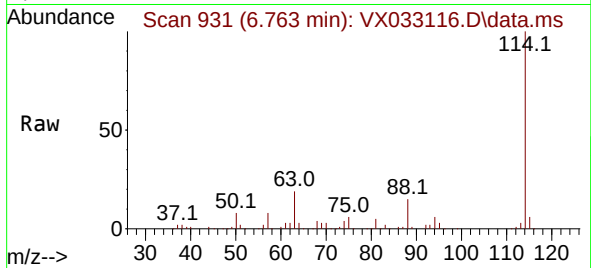




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

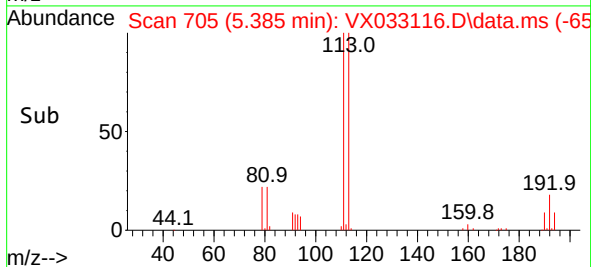
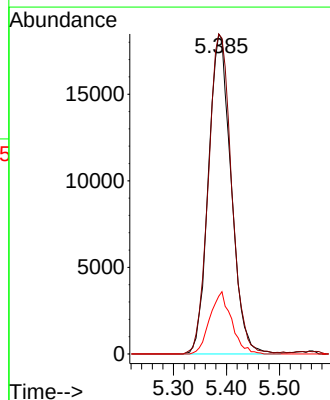
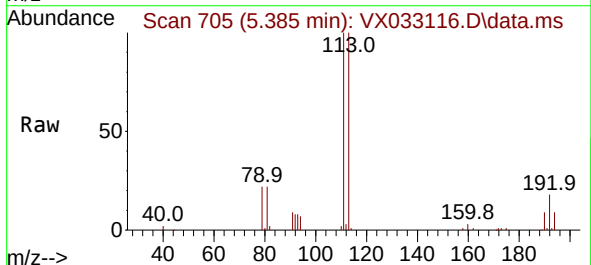
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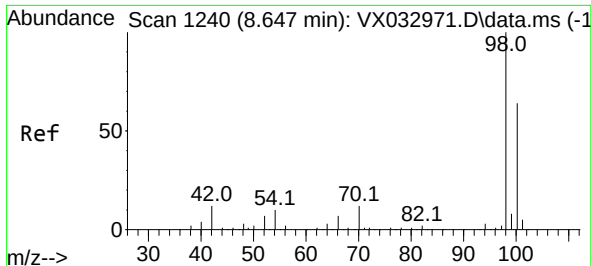
Tgt Ion:114 Resp: 205875
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.187 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

Tgt Ion:113 Resp: 54767
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.7 15.4 23.2

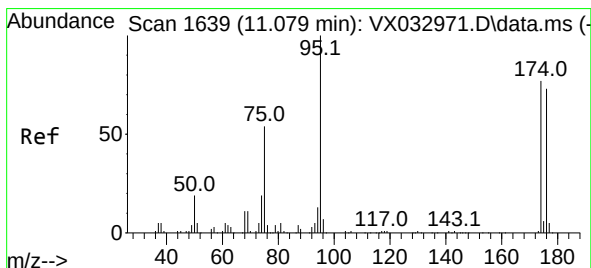
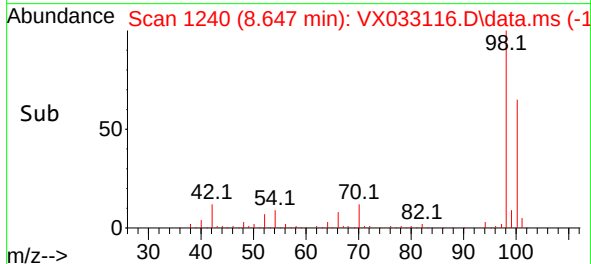
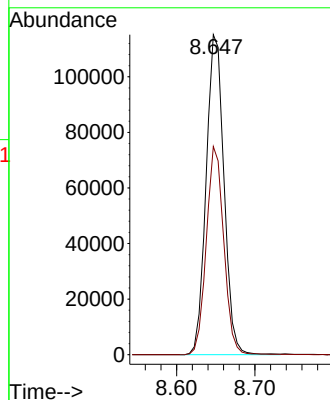
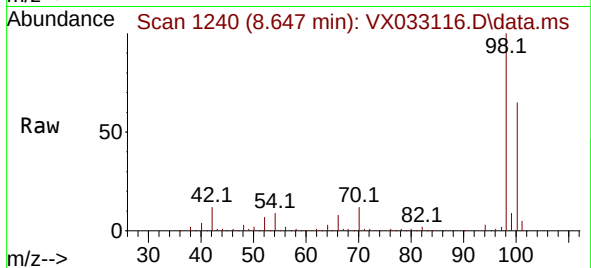




#50
Toluene-d8
Concen: 52.112 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

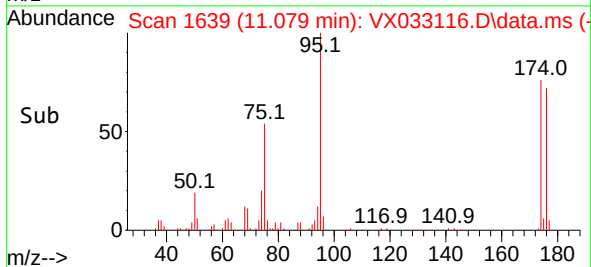
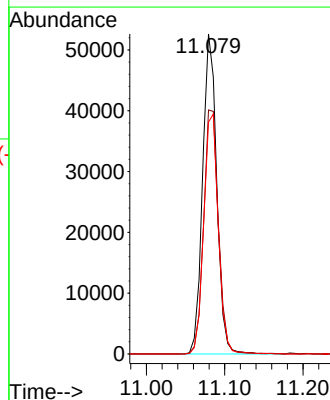
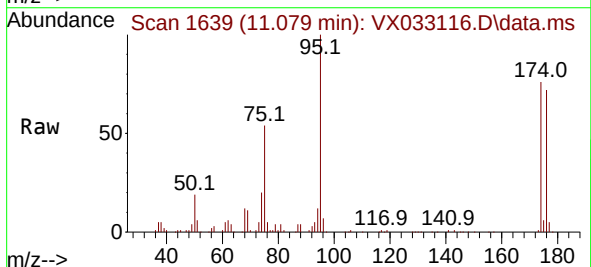
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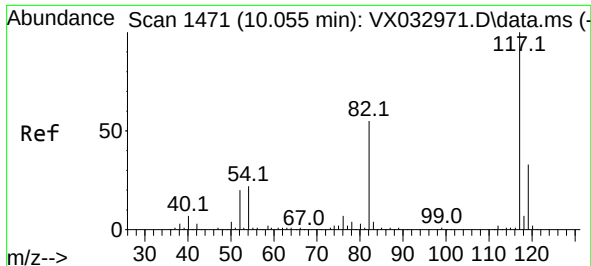
Tgt Ion: 98 Resp: 181667
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

Tgt Ion: 95 Resp: 65881
Ion Ratio Lower Upper
95 100
174 79.7 0.0 164.0
176 77.5 0.0 154.4

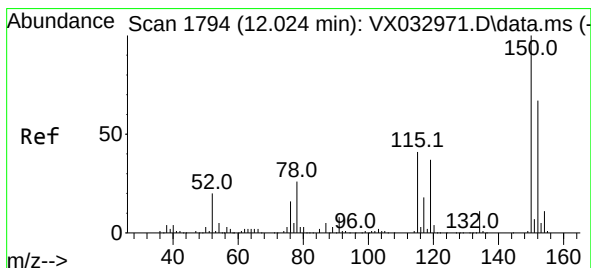
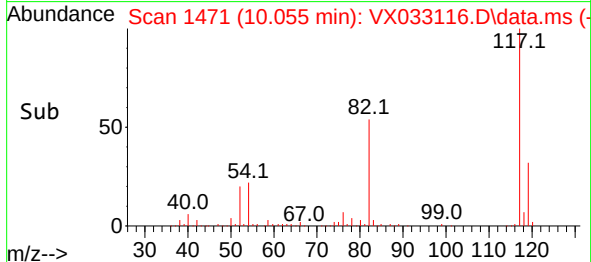
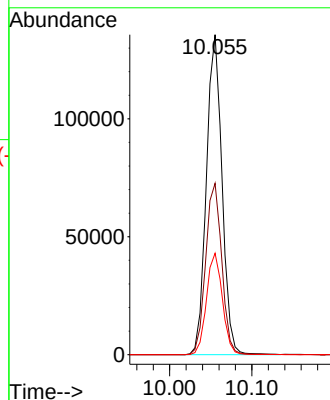
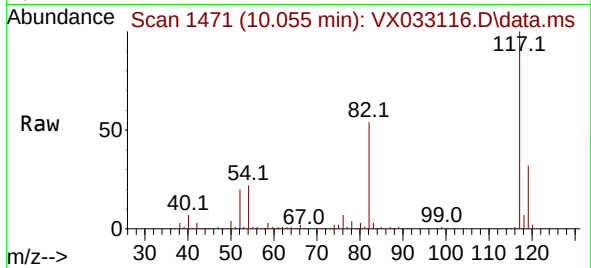




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Tgt Ion:117 Resp: 179366
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033116.D
Acq: 29 Nov 2022 14:33

Tgt Ion:152 Resp: 83264
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 157.9 0.0 351.8

