

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032040.D
 Acq On : 11 Oct 2022 16:32
 Operator : JC/MD
 Sample : N4937-12 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118D

Quant Time: Oct 12 05:14:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

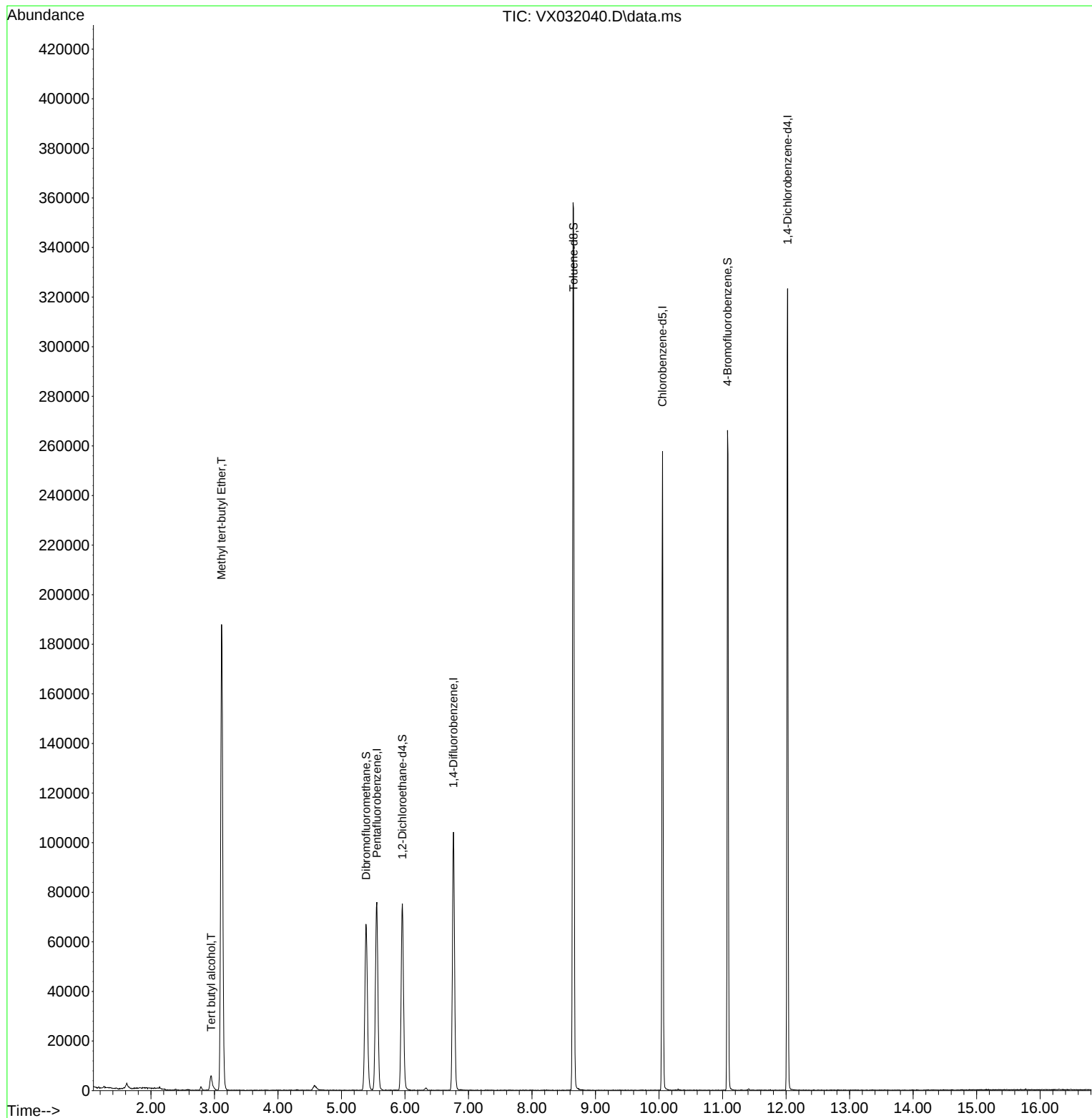
Internal Standards						
1) Pentafluorobenzene	5.556	168	69652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70404	48.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.880%
35) Dibromofluoromethane	5.385	113	57330	48.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	8.653	98	210315	49.546	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	68000	45.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	5076	28.362	ug/l #	73
19) Methyl tert-butyl Ether	3.111	73	201131	56.494	ug/l	100

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

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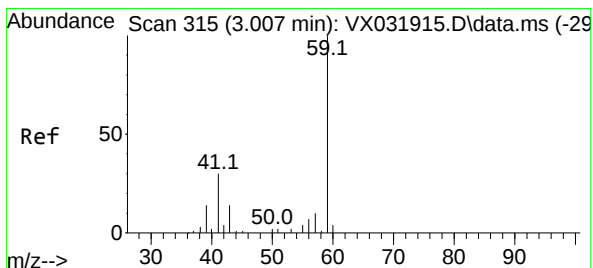
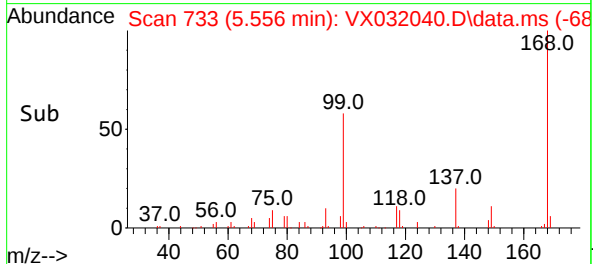
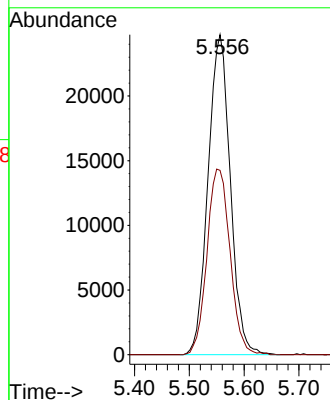
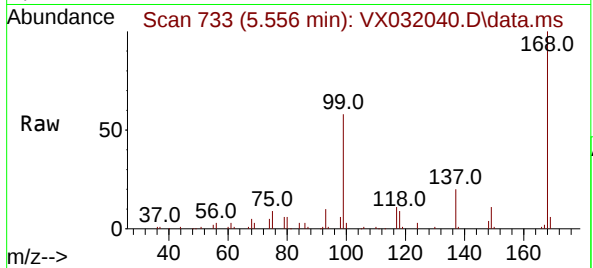




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

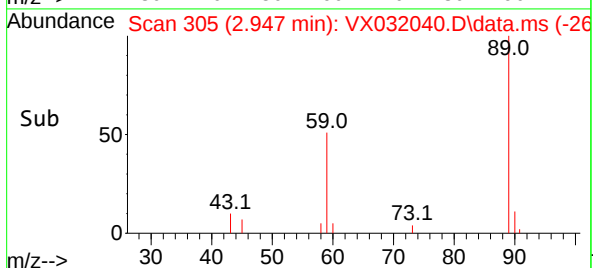
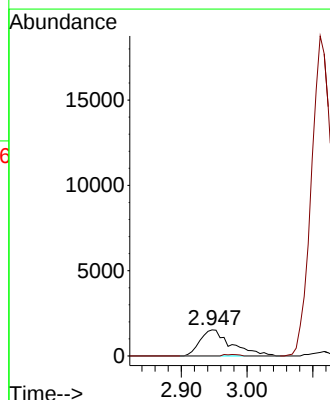
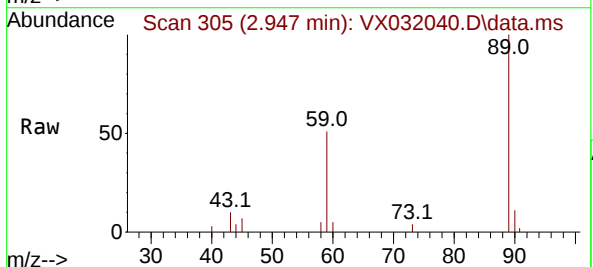
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

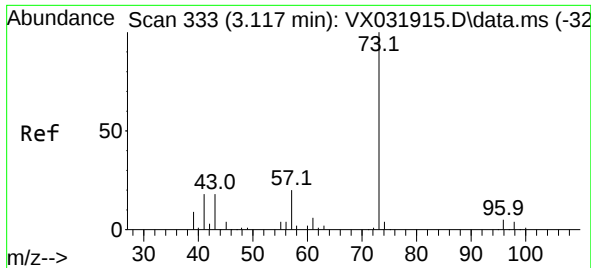
Tgt Ion:168 Resp: 69652
Ion Ratio Lower Upper
168 100
99 57.6 48.8 73.2



#11
Tert butyl alcohol
Concen: 28.362 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 59 Resp: 5076
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

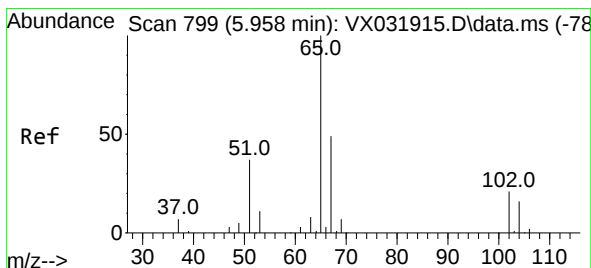
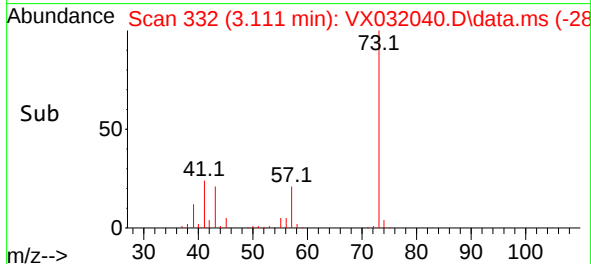
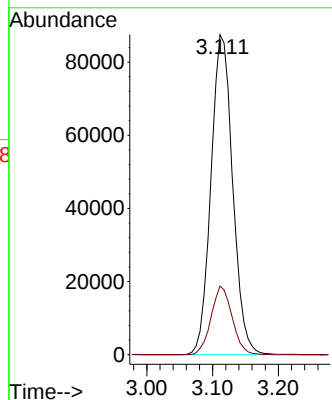
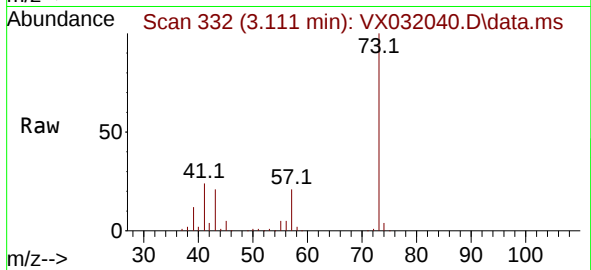




#19
Methyl tert-butyl Ether
Concen: 56.494 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

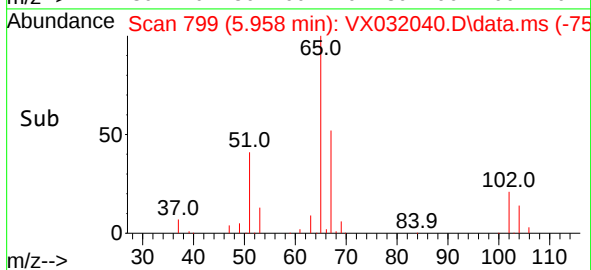
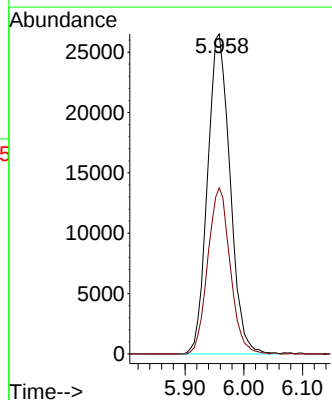
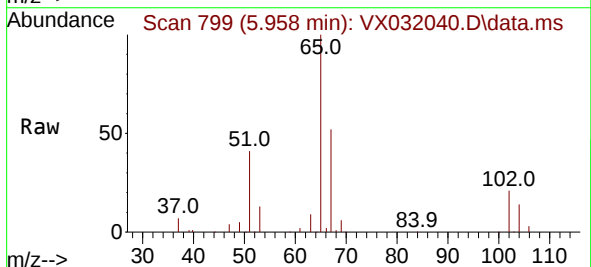
Instrument :
MSVOA_X
ClientSampleId :
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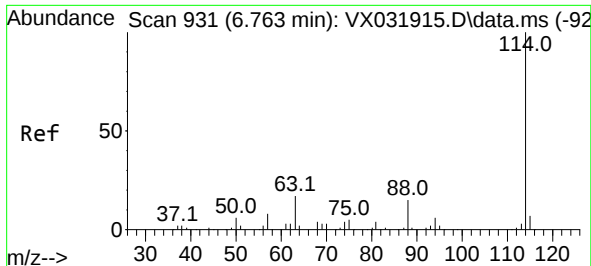
Tgt Ion: 73 Resp: 201131
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8



#33
1,2-Dichloroethane-d4
Concen: 48.944 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 65 Resp: 70404
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

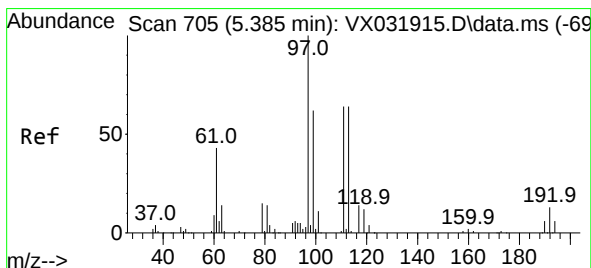
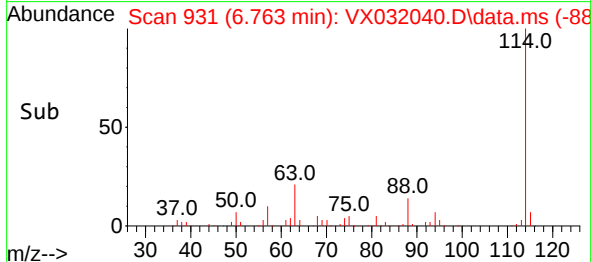
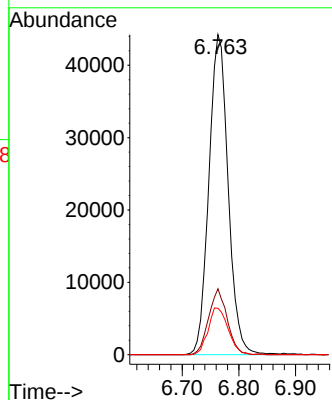
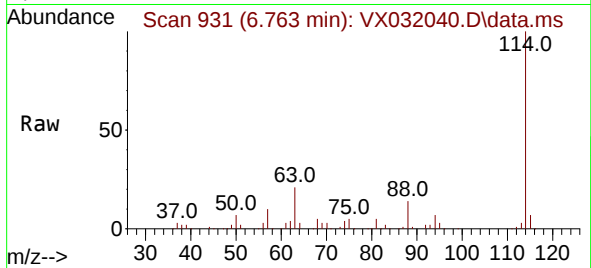




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

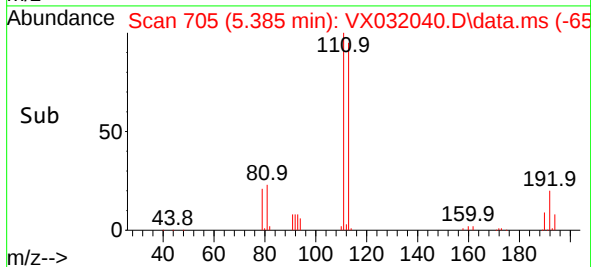
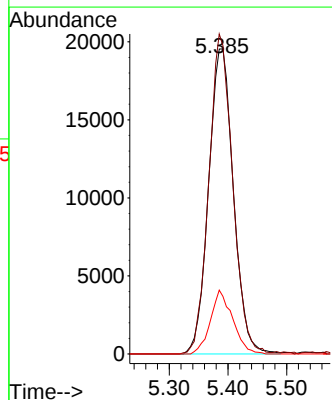
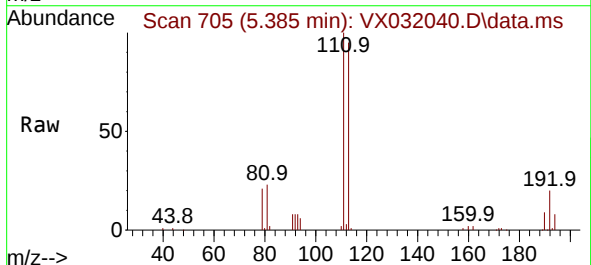
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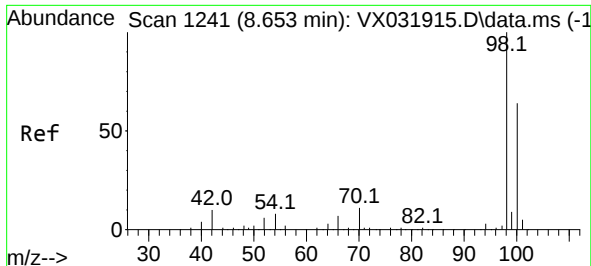
Tgt Ion:114 Resp: 104216
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 14.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.599 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion:113 Resp: 57330
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 18.7 14.1 21.1

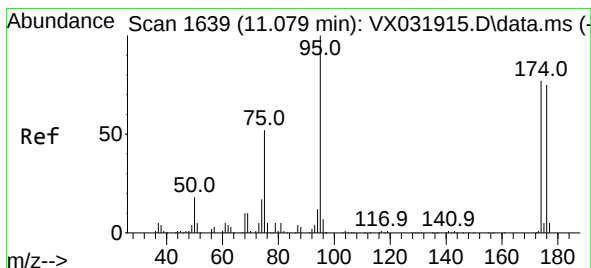
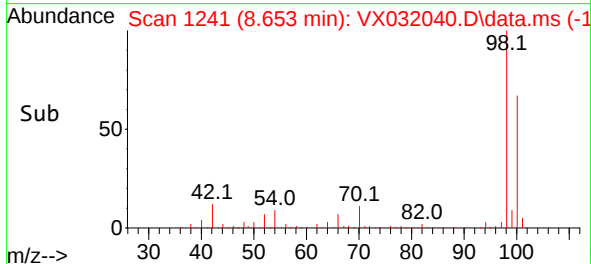
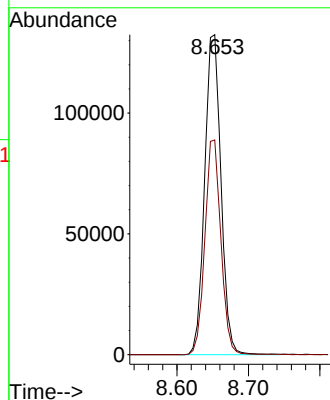
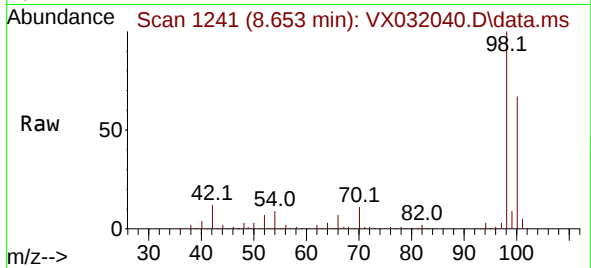




#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

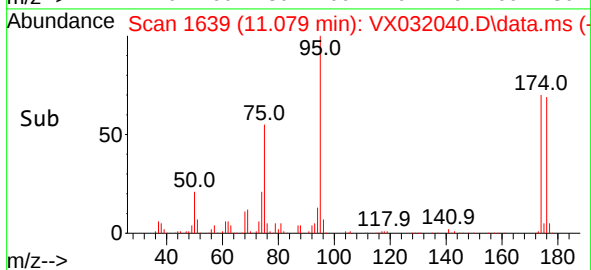
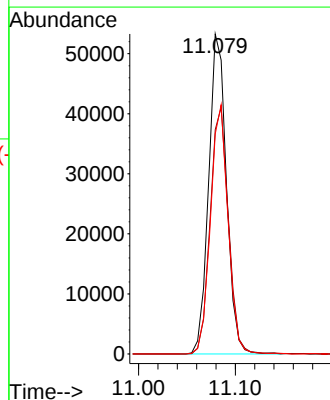
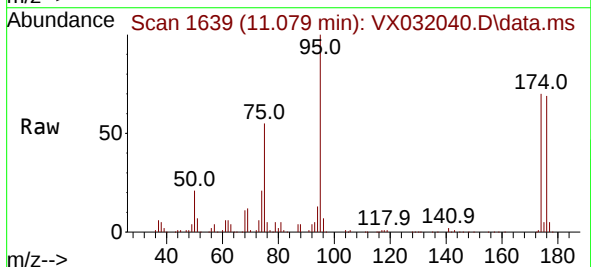
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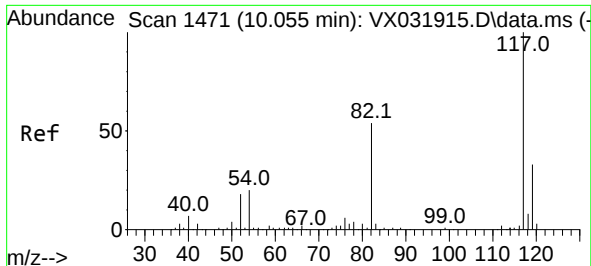
Tgt Ion: 98 Resp: 210315
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion: 95 Resp: 68000
Ion Ratio Lower Upper
95 100
174 79.0 0.0 153.2
176 77.4 0.0 144.0

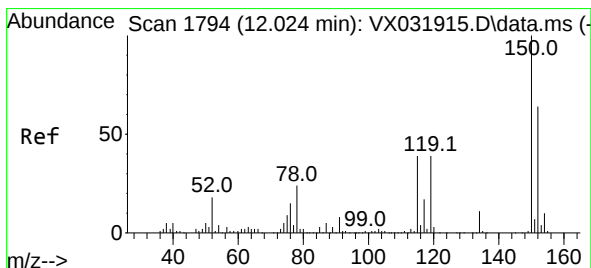
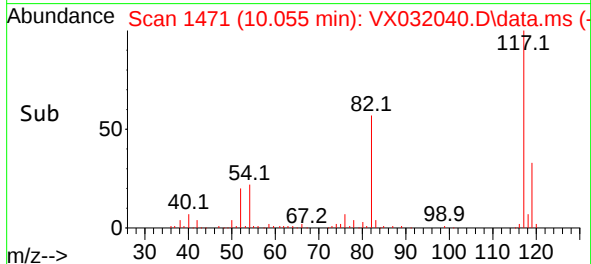
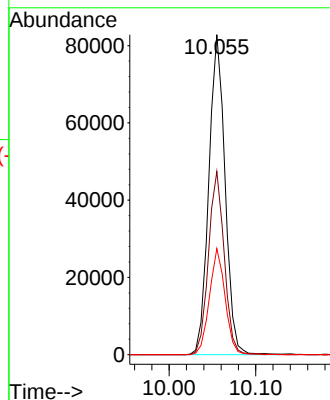
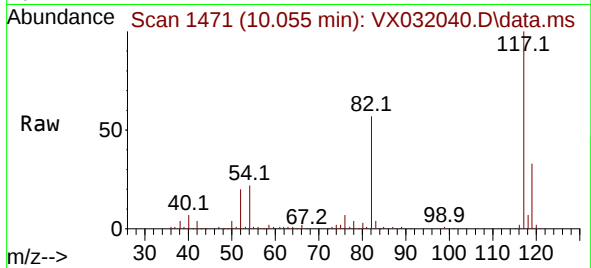




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 107855
Ion Ratio Lower Upper
117 100
82 57.2 46.8 70.2
119 33.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032040.D
Acq: 11 Oct 2022 16:32

Tgt Ion:152 Resp: 62217
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.1
150 161.1 0.0 346.8

