

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032874.D
 Acq On : 16 Nov 2022 17:33
 Operator : JC/MD
 Sample : N5614-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Nov 17 05:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

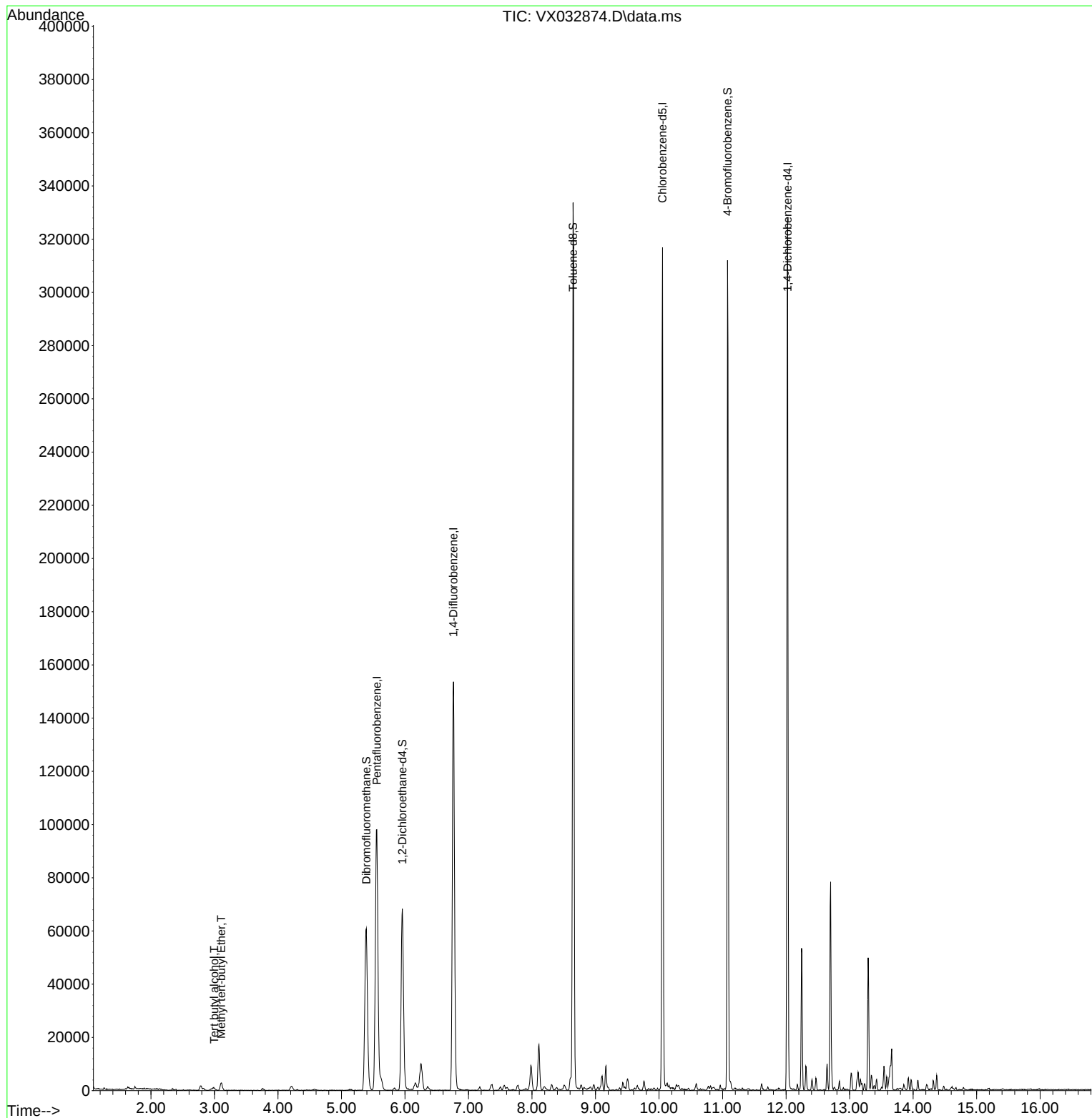
Internal Standards						
1) Pentafluorobenzene	5.556	168	93857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66747	51.182	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.360%	
35) Dibromofluoromethane	5.391	113	53409	47.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.980%	
50) Toluene-d8	8.647	98	195848	50.077	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	11.079	95	76591	50.135	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.260%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.995	59	2038	10.737	ug/l #	83
19) Methyl tert-butyl Ether	3.105	73	1056	0.319	ug/l #	1

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

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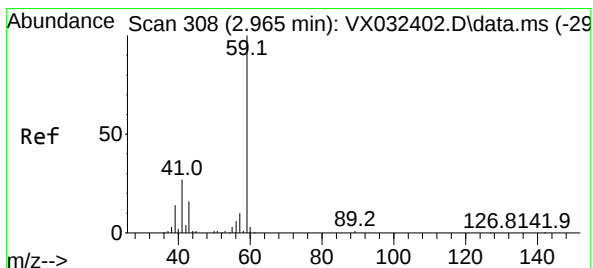
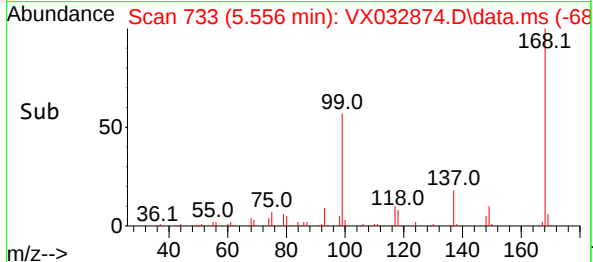
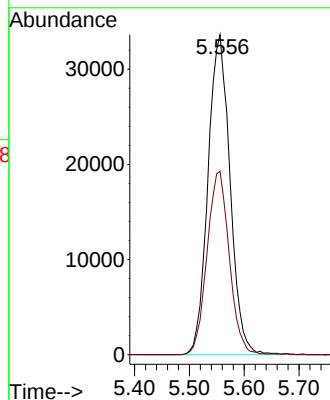
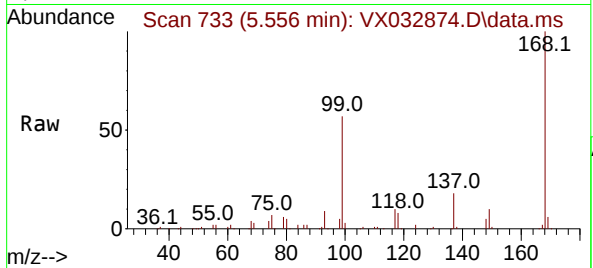




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032874.D
Acq: 16 Nov 2022 17:33

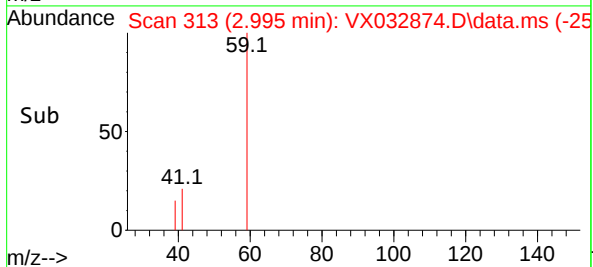
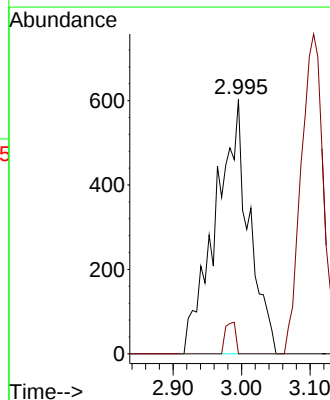
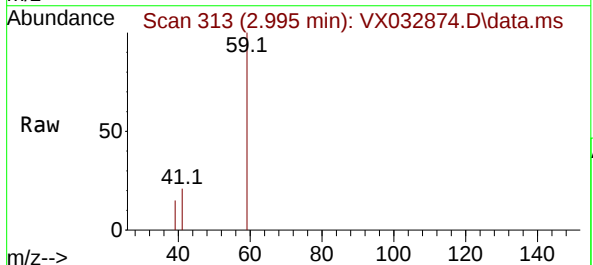
Instrument :
MSVOA_X
ClientSampleId :
MW-28

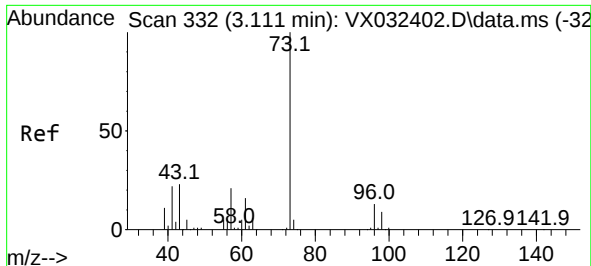
Tgt Ion:168 Resp: 93857
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 10.737 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX032874.D
Acq: 16 Nov 2022 17:33

Tgt Ion: 59 Resp: 2038
Ion Ratio Lower Upper
59 100
57 3.8 8.2 12.4#





#19

Methyl tert-butyl Ether

Concen: 0.319 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX032874.D

Acq: 16 Nov 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

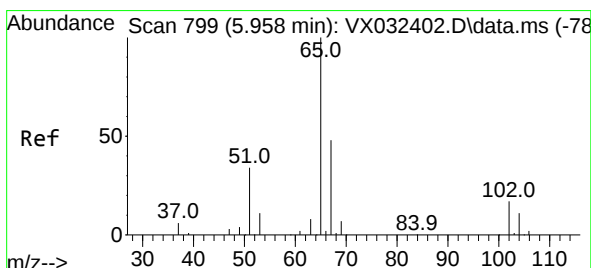
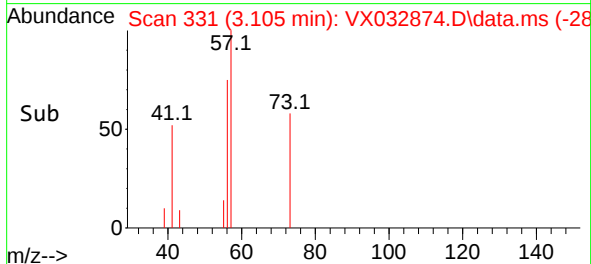
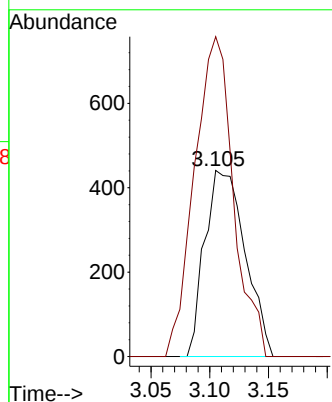
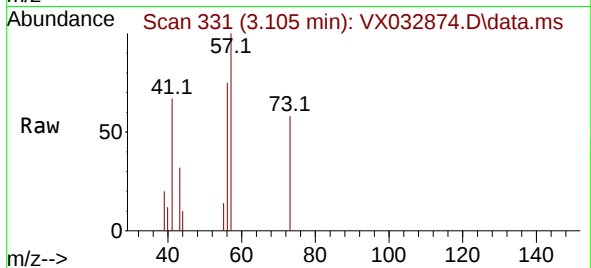
MW-28

Tgt Ion: 73 Resp: 1056

Ion Ratio Lower Upper

73 100

57 171.9 16.6 25.0#



#33

1,2-Dichloroethane-d4

Concen: 51.182 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032874.D

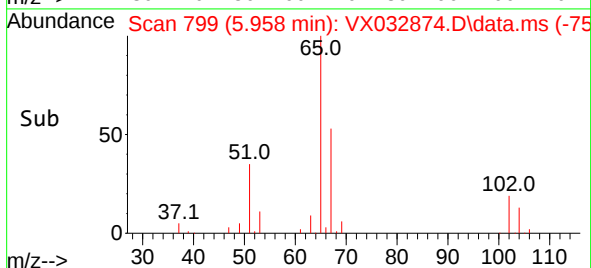
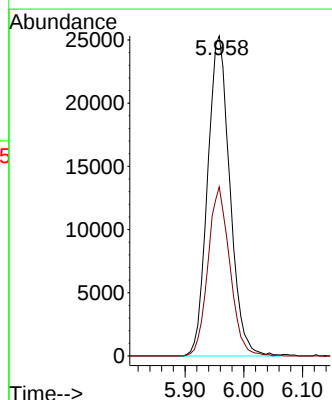
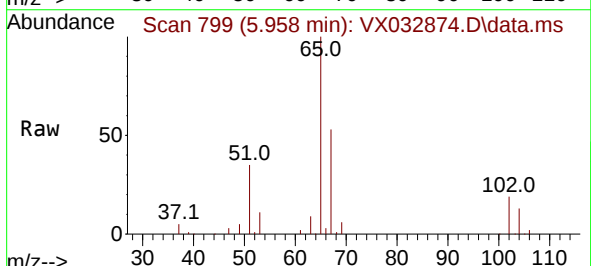
Acq: 16 Nov 2022 17:33

Tgt Ion: 65 Resp: 66747

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8

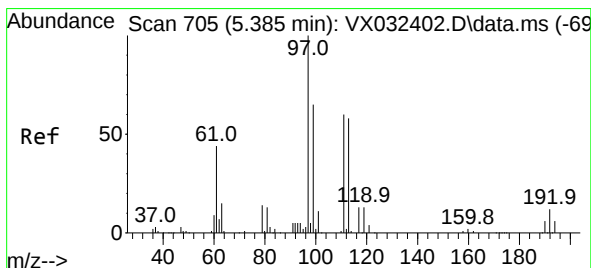
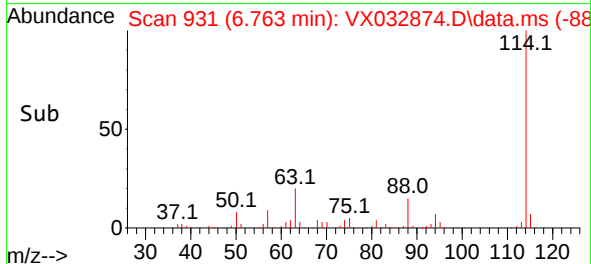
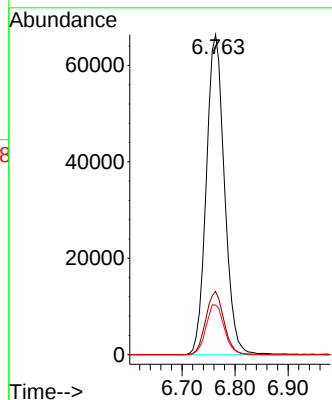
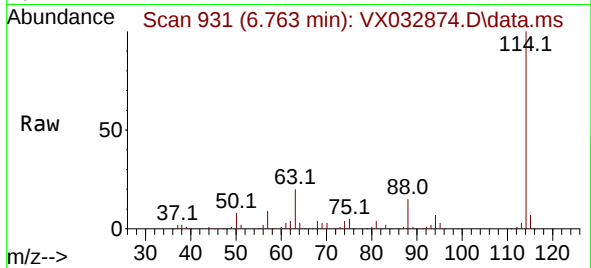




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032874.D
Acq: 16 Nov 2022 17:33

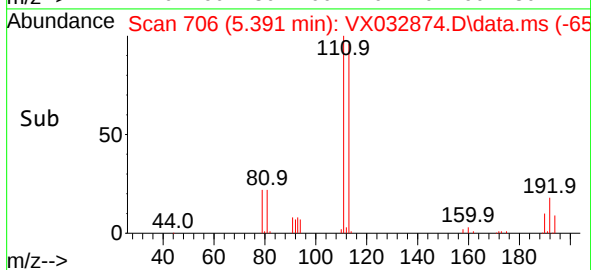
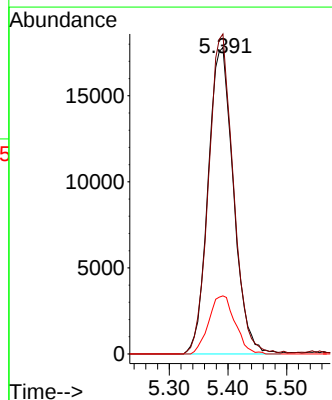
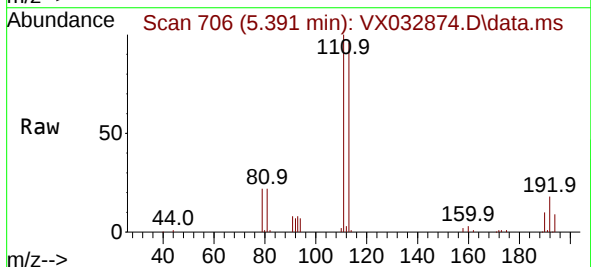
Instrument :
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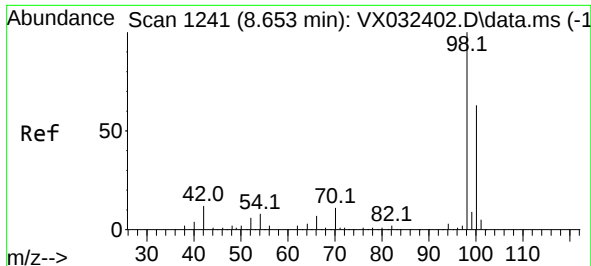
Tgt Ion:114 Resp: 157678
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.486 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032874.D
Acq: 16 Nov 2022 17:33

Tgt Ion:113 Resp: 53409
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 19.6 15.4 23.2

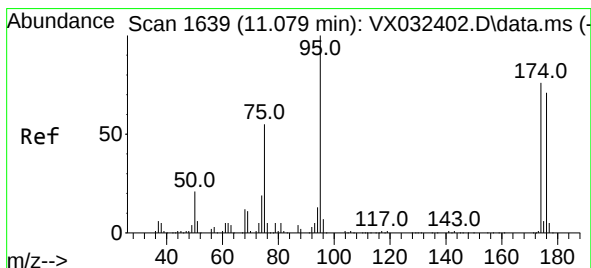
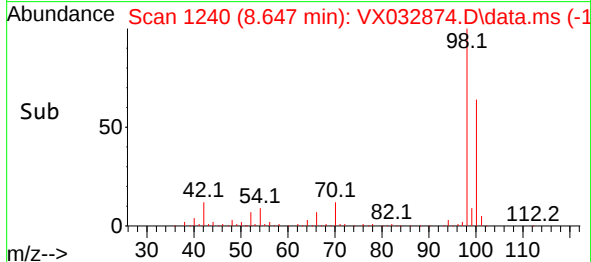
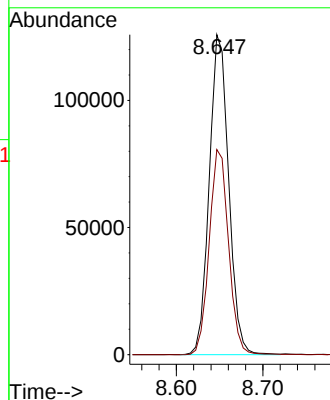
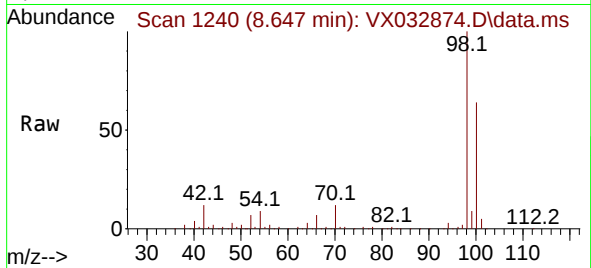




#50
Toluene-d8
Concen: 50.077 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032874.D
Acq: 16 Nov 2022 17:33

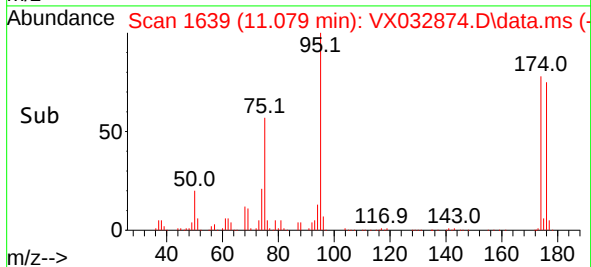
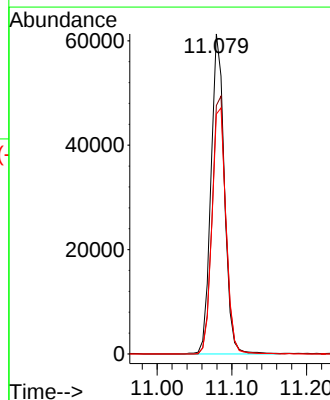
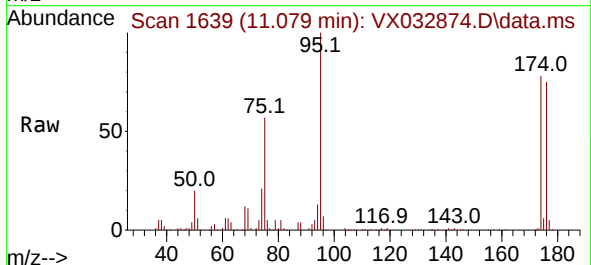
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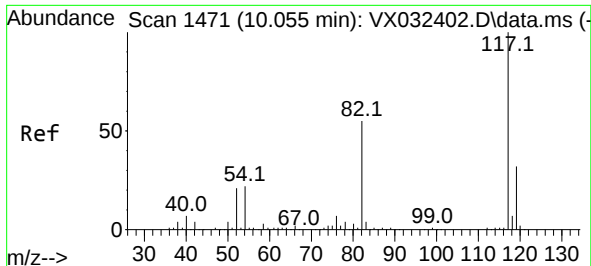
Tgt Ion: 98 Resp: 195848
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.135 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032874.D
Acq: 16 Nov 2022 17:33

Tgt Ion: 95 Resp: 76591
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 80.3 0.0 154.4

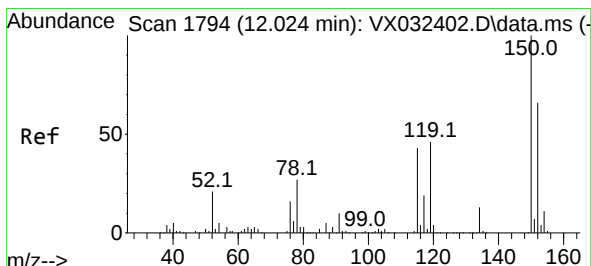
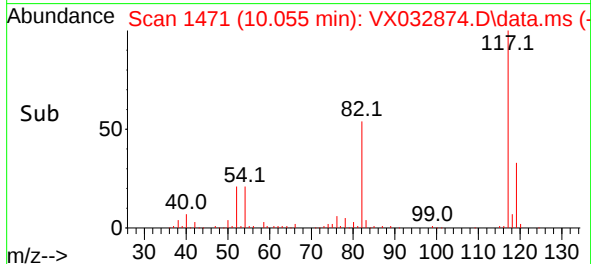
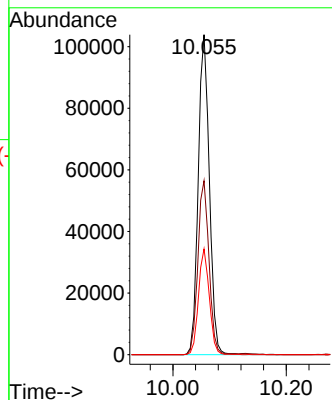
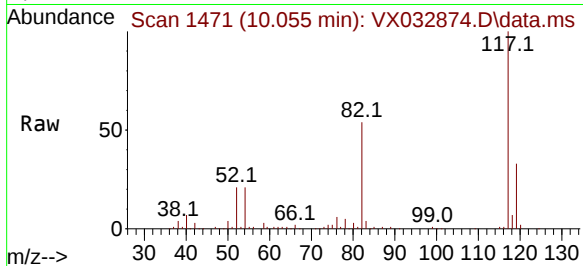




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032874.D
Acq: 16 Nov 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :
MW-28

Tgt Ion:117 Resp: 141424
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 33.0 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: VX032874.D
Acq: 16 Nov 2022 17:33

Tgt Ion:152 Resp: 67238
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 156.6 0.0 351.8

