

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029639.D
 Acq On : 21 Jun 2022 04:36
 Operator : JC/MD
 Sample : N3354-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-47

Quant Time: Jun 21 08:47:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

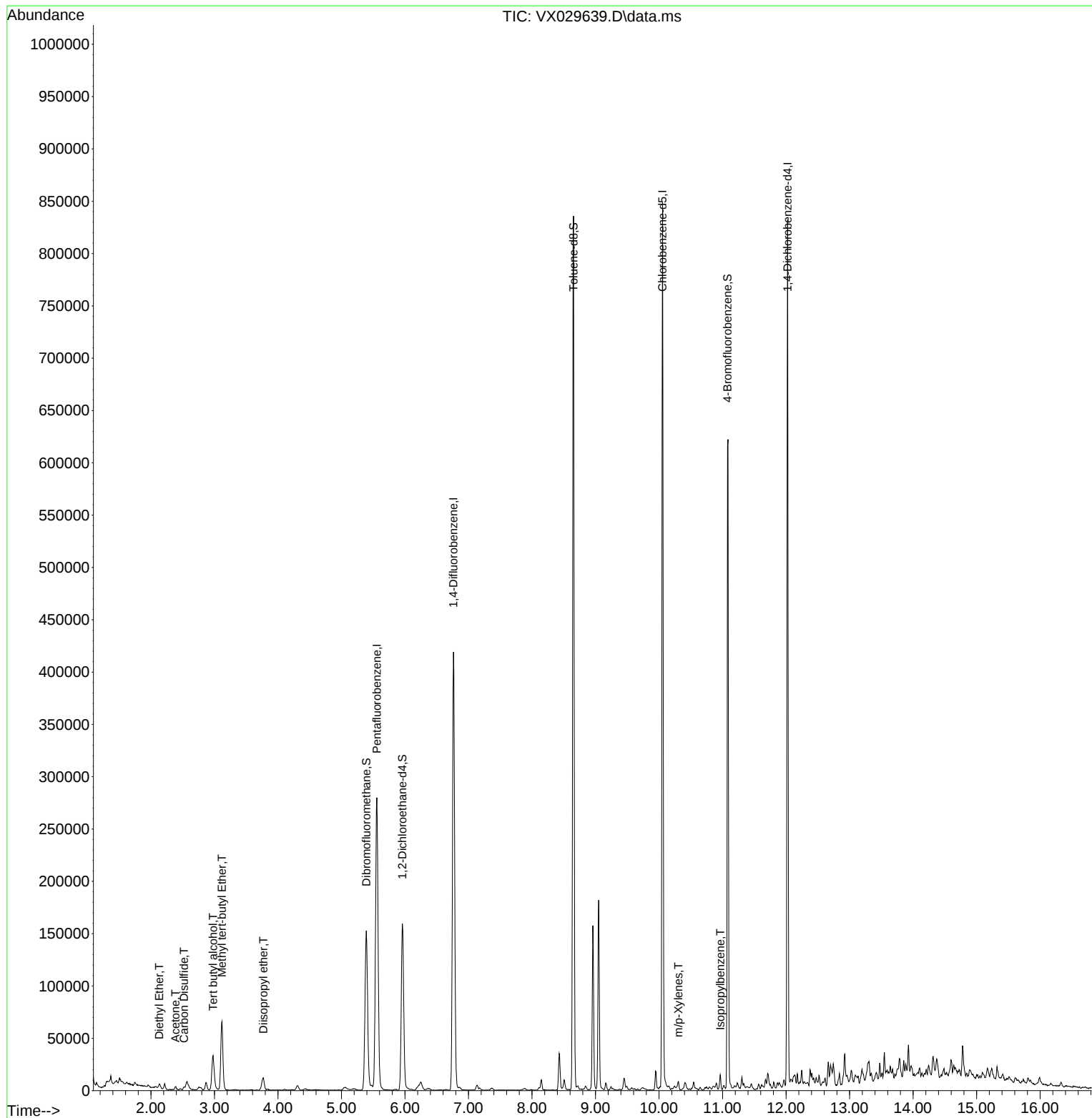
Internal Standards						
1) Pentafluorobenzene	5.556	168	265965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153439	43.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.160%		
35) Dibromofluoromethane	5.391	113	136910	46.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.360%		
50) Toluene-d8	8.653	98	510848	47.168	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.340%		
62) 4-Bromofluorobenzene	11.079	95	184388	45.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.300%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.130	74	1301	0.742	ug/l	62
11) Tert butyl alcohol	2.977	59	49526	57.424	ug/l	99
16) Acetone	2.386	43	3969	2.828	ug/l	93
17) Carbon Disulfide	2.520	76	4812	0.689	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	76553	8.184	ug/l	97
22) Diisopropyl ether	3.770	45	12839	1.492	ug/l	90
68) m/p-Xylenes	10.305	106	1844	0.348	ug/l	91
73) Isopropylbenzene	10.964	105	6355	0.499	ug/l	99

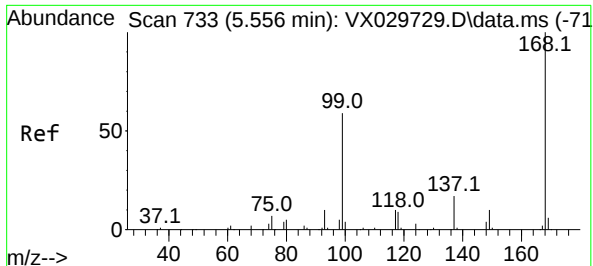
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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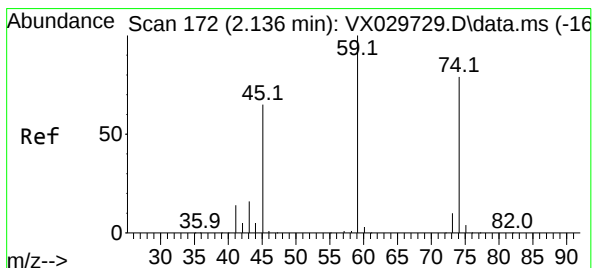
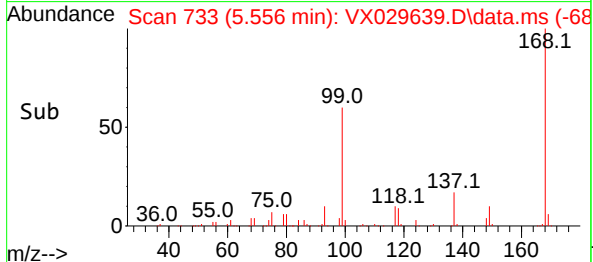
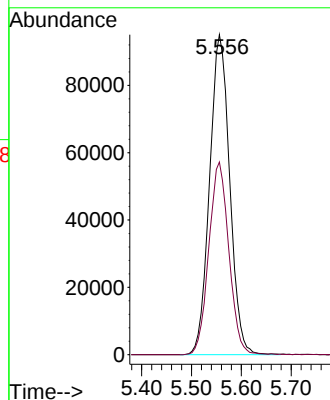
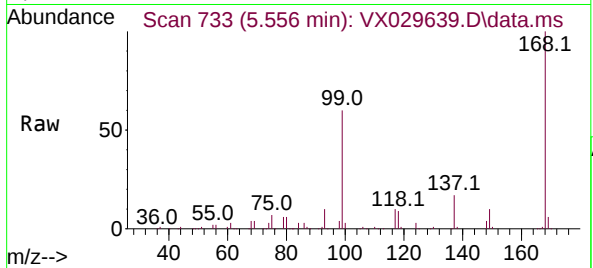




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

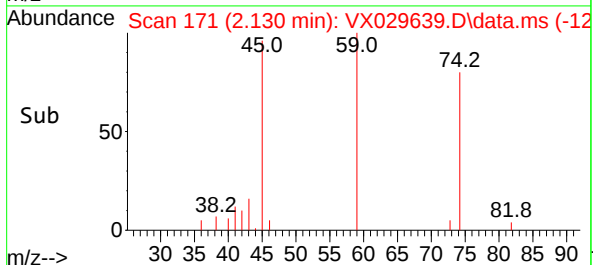
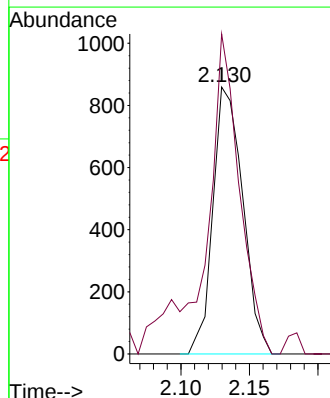
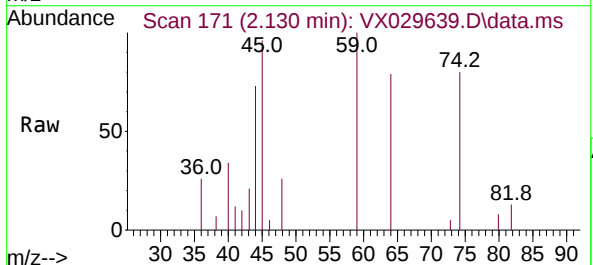
Instrument :
MSVOA_X
ClientSampleId :
MW-47

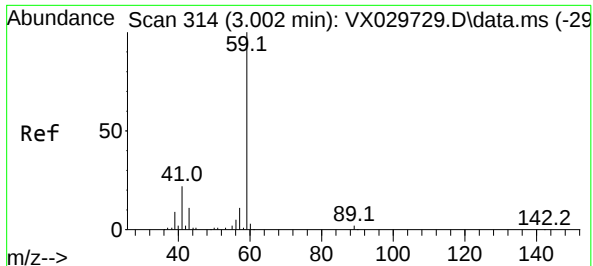
Tgt Ion:168 Resp: 265965
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#8
Diethyl Ether
Concen: 0.742 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

Tgt Ion: 74 Resp: 1301
Ion Ratio Lower Upper
74 100
45 118.2 42.0 126.0





#11

Tert butyl alcohol

Concen: 57.424 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX029639.D

Acq: 21 Jun 2022 04:36

Instrument :

MSVOA_X

ClientSampleId :

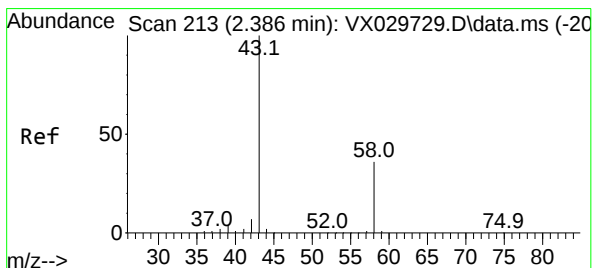
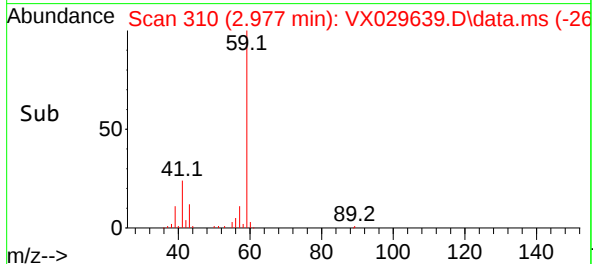
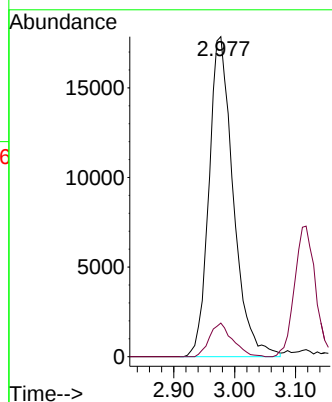
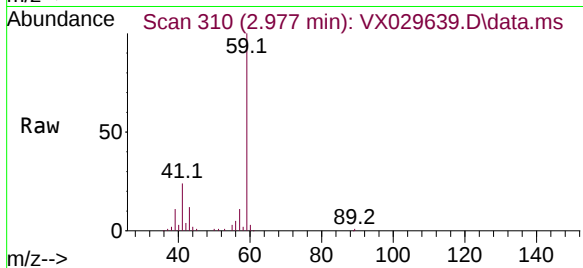
MW-47

Tgt Ion: 59 Resp: 49526

Ion Ratio Lower Upper

59 100

57 9.9 8.3 12.5



#16

Acetone

Concen: 2.828 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029639.D

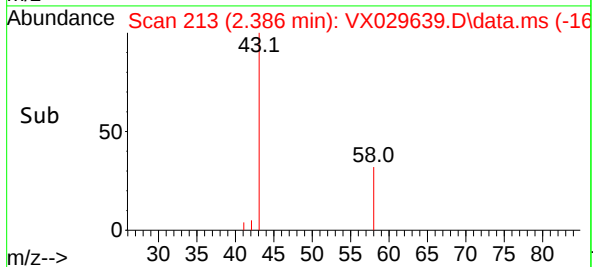
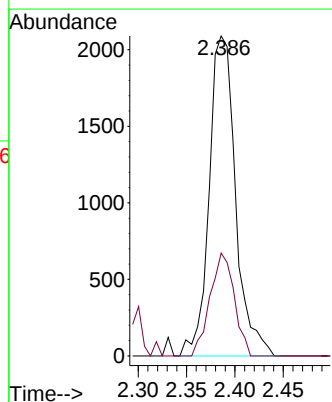
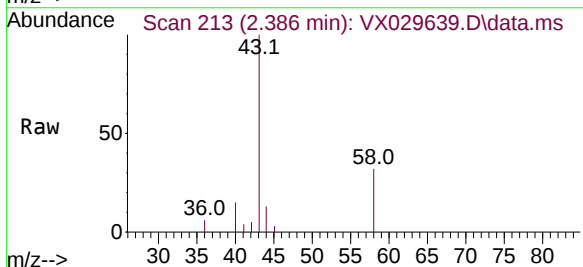
Acq: 21 Jun 2022 04:36

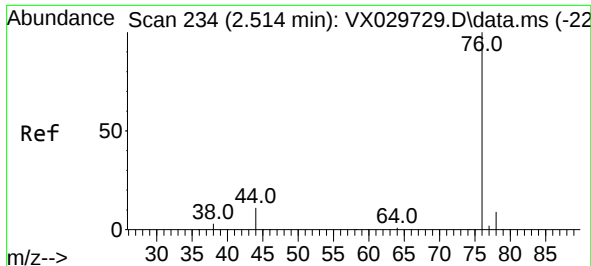
Tgt Ion: 43 Resp: 3969

Ion Ratio Lower Upper

43 100

58 32.2 28.8 43.2





#17

Carbon Disulfide

Concen: 0.689 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029639.D

Acq: 21 Jun 2022 04:36

Instrument :

MSVOA_X

ClientSampleId :

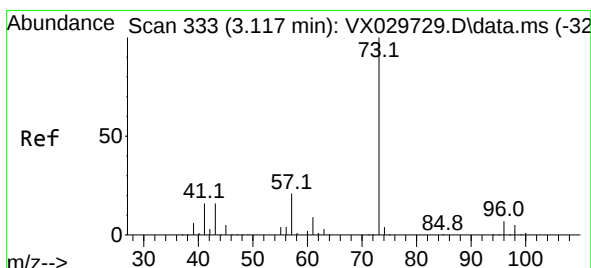
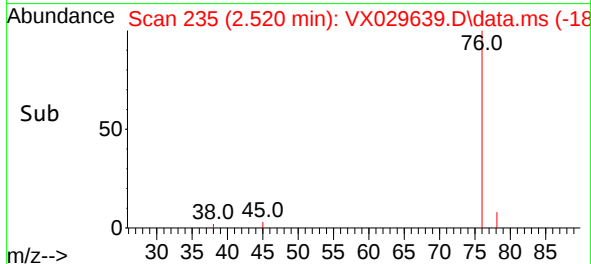
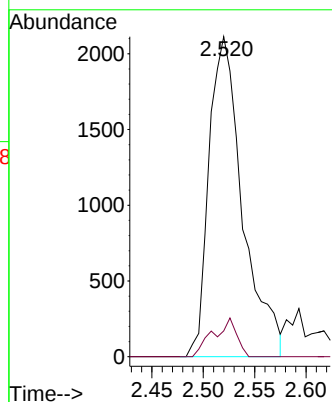
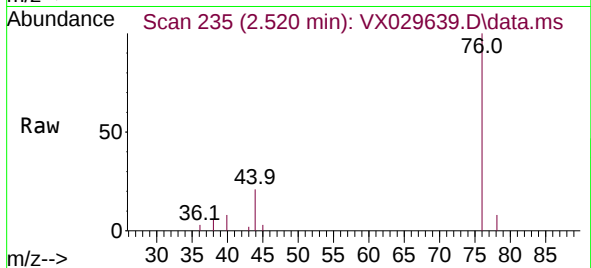
MW-47

Tgt Ion: 76 Resp: 4812

Ion Ratio Lower Upper

76 100

78 8.0 7.2 10.8



#19

Methyl tert-butyl Ether

Concen: 8.184 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX029639.D

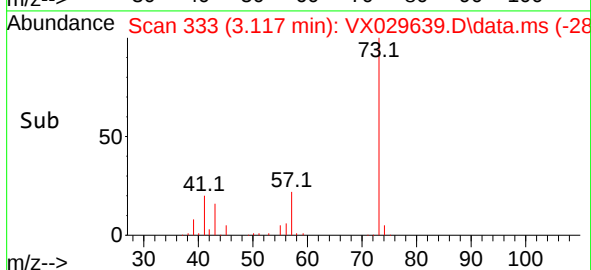
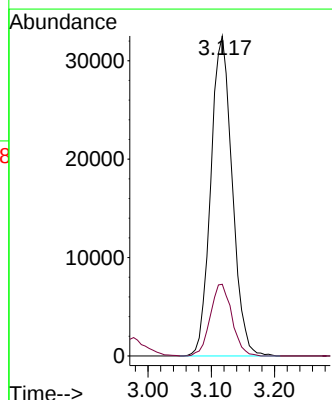
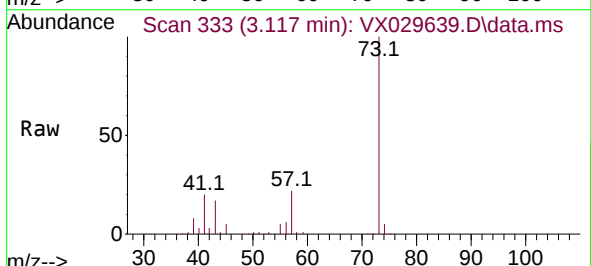
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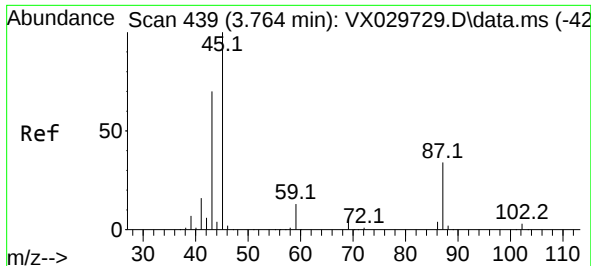
Tgt Ion: 73 Resp: 76553

Ion Ratio Lower Upper

73 100

57 22.4 16.8 25.2

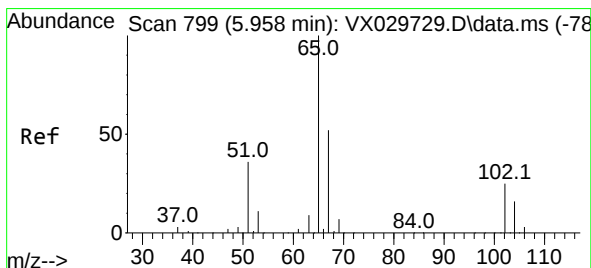
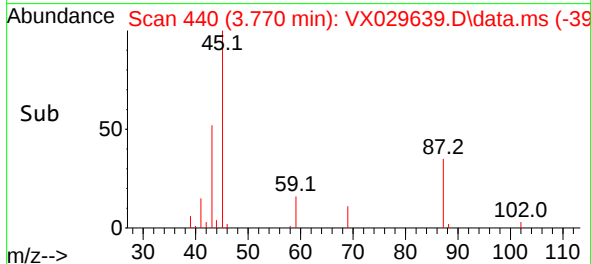
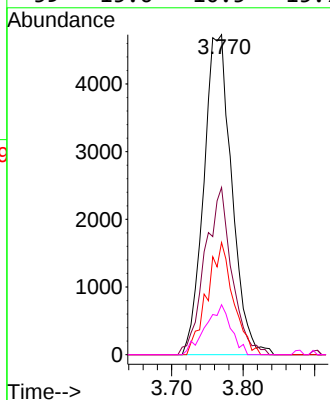
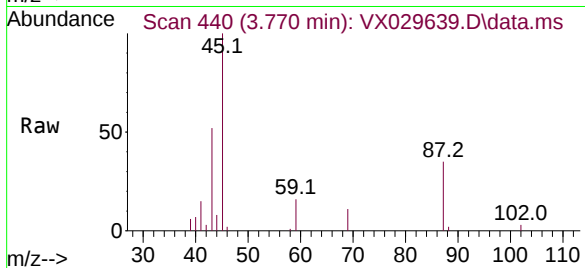




#22
Diisopropyl ether
Concen: 1.492 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

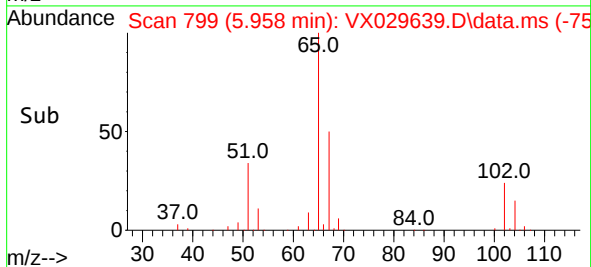
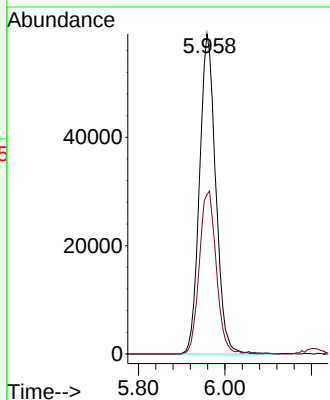
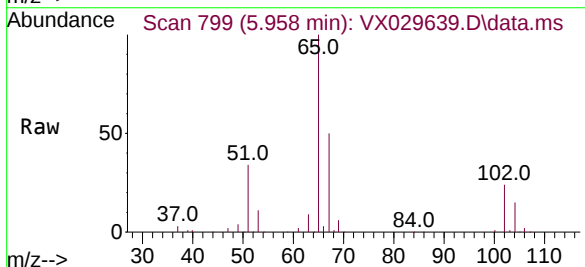
Instrument :
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ClientSampleId :
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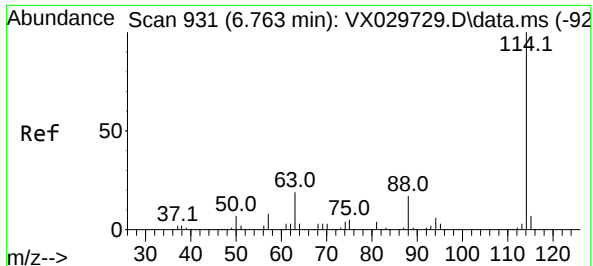
Tgt Ion: 45	Resp: 12839
Ion Ratio	Lower Upper
45 100	
43 52.2	50.8 76.2
87 35.0	26.6 39.8
59 15.6	10.5 15.7



#33
1,2-Dichloroethane-d4
Concen: 43.583 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

Tgt Ion: 65	Resp: 153439
Ion Ratio	Lower Upper
65 100	
67 53.3	0.0 107.4

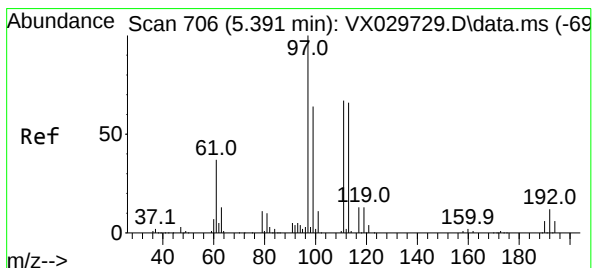
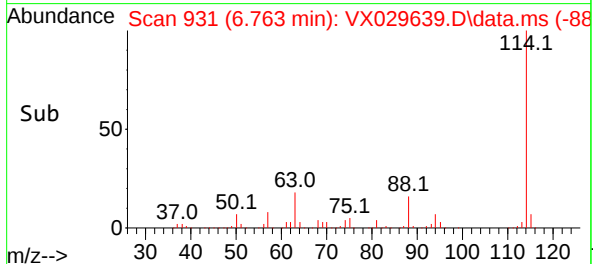
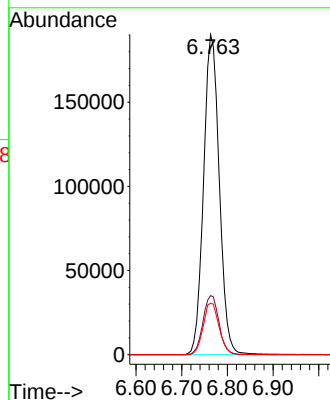
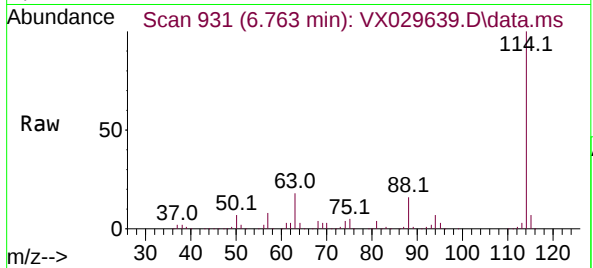




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

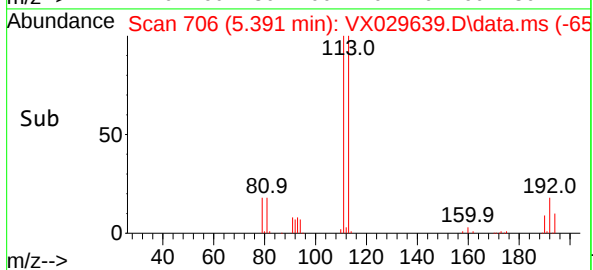
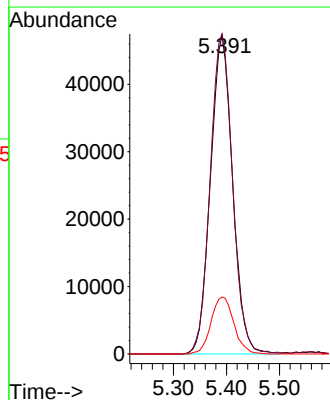
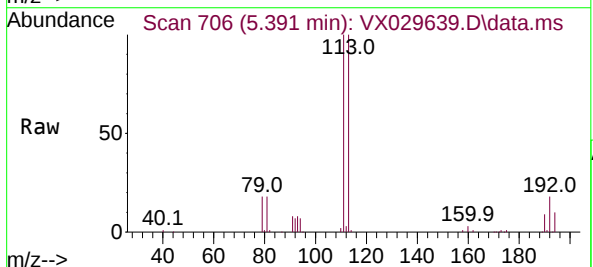
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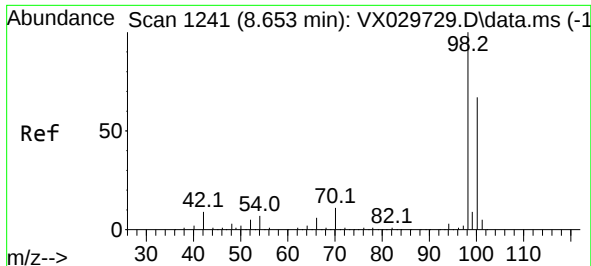
Tgt Ion:114 Resp: 454923
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.181 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

Tgt Ion:113 Resp: 136910
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.4 16.9 25.3

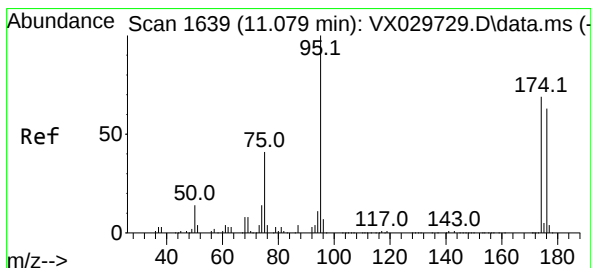
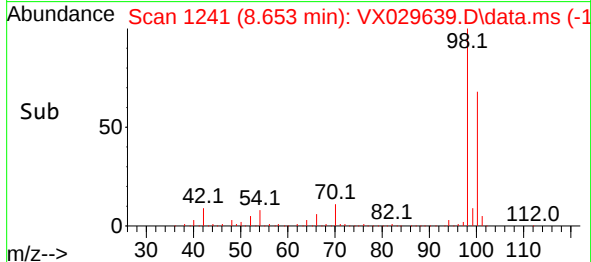
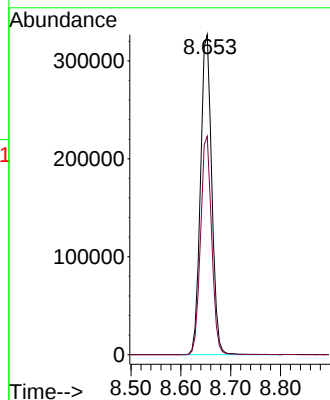
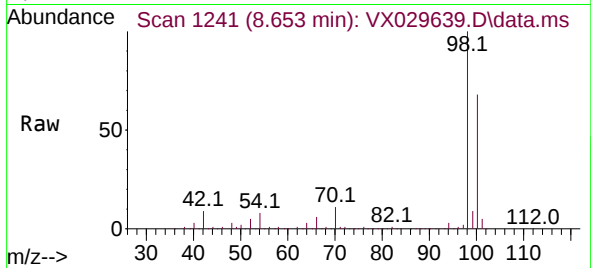




#50
Toluene-d8
Concen: 47.168 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

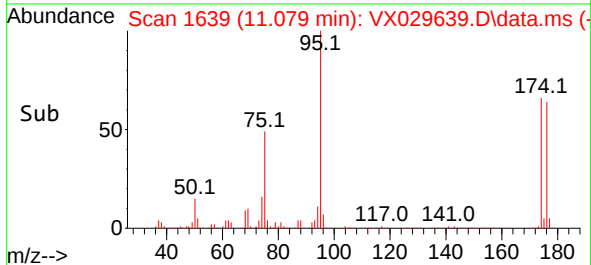
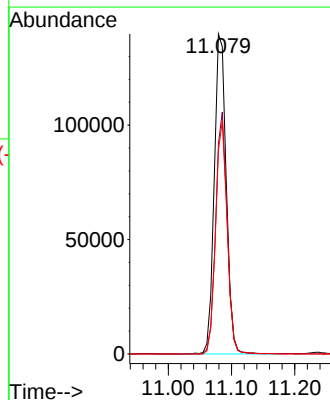
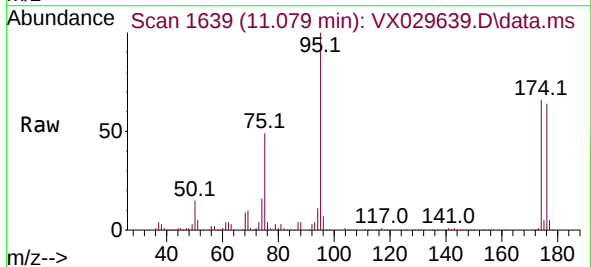
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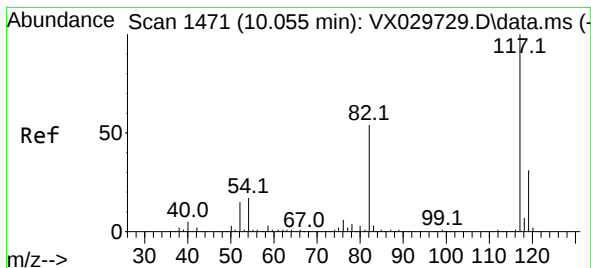
Tgt Ion: 98 Resp: 510848
Ion Ratio Lower Upper
98 100
100 67.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

Tgt Ion: 95 Resp: 184388
Ion Ratio Lower Upper
95 100
174 72.0 0.0 163.0
176 69.7 0.0 155.0

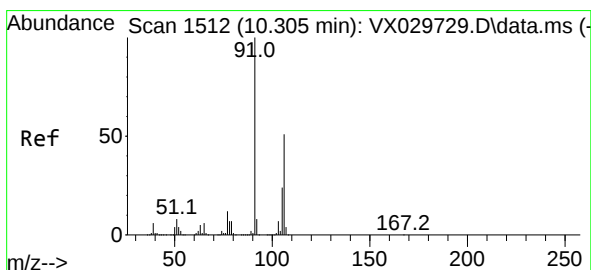
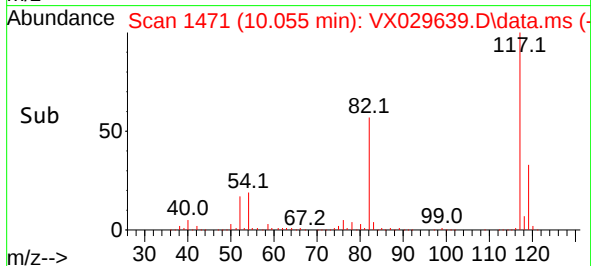
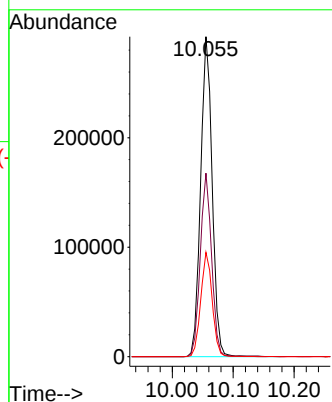
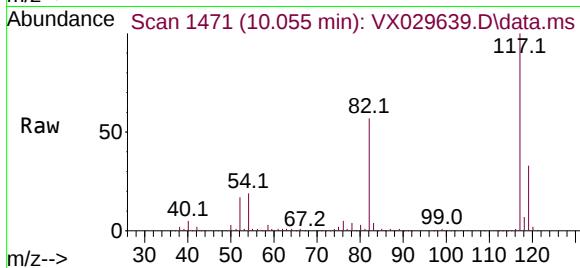




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

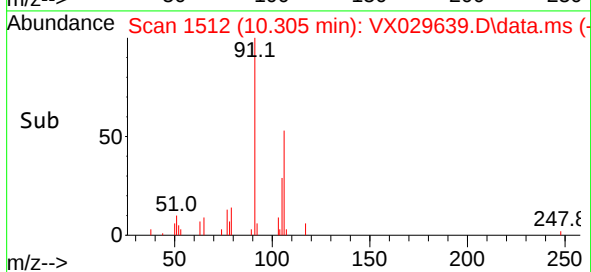
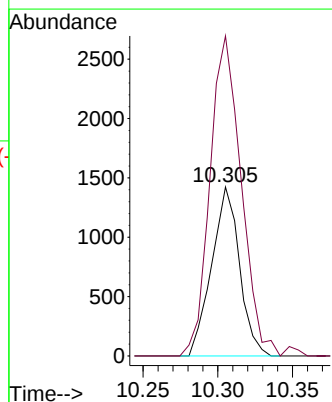
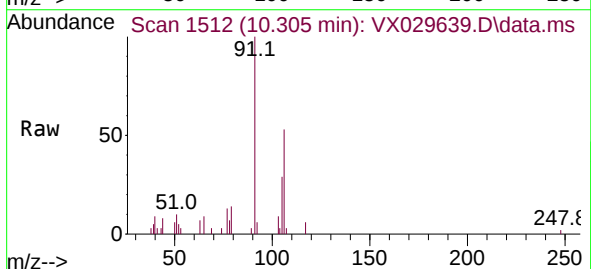
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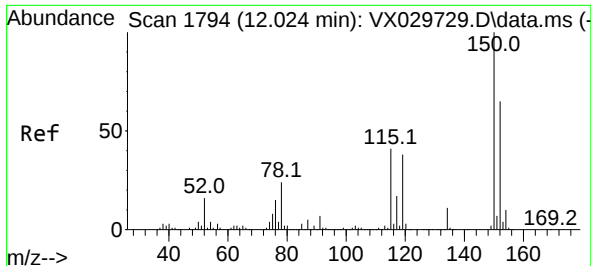
Tgt Ion:117 Resp: 385325
Ion Ratio Lower Upper
117 100
82 57.4 41.8 62.8
119 32.6 24.8 37.2



#68
m/p-Xylenes
Concen: 0.348 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

Tgt Ion:106 Resp: 1844
Ion Ratio Lower Upper
106 100
91 214.4 160.4 240.6

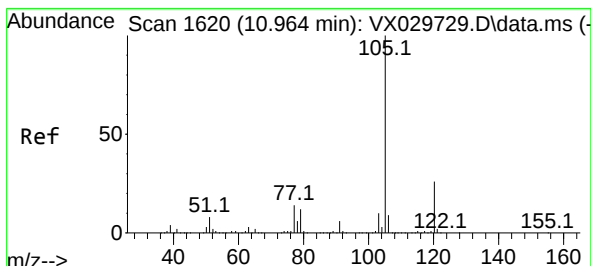
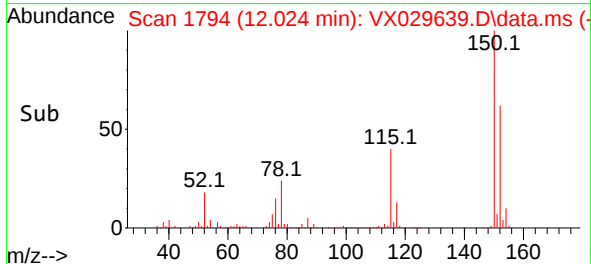
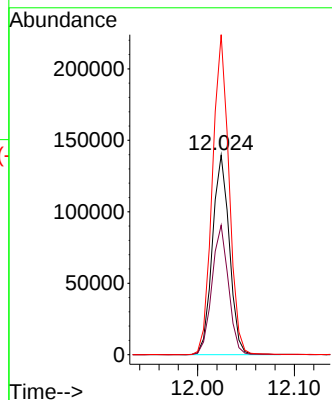
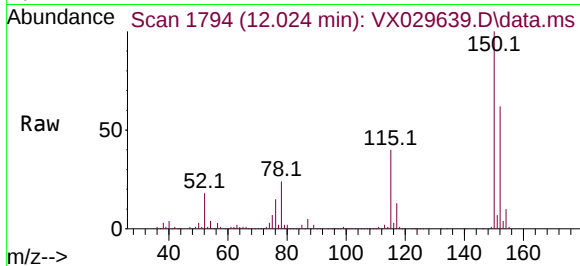




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

Instrument :
MSVOA_X
ClientSampleId :
MW-47

Tgt Ion:152 Resp: 169914
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 157.3 0.0 338.2



#73
Isopropylbenzene
Concen: 0.499 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029639.D
Acq: 21 Jun 2022 04:36

Tgt Ion:105 Resp: 6355
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5

