

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029681.D
 Acq On : 21 Jun 2022 22:46
 Operator : JC/MD
 Sample : N3286-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6D

Quant Time: Jun 22 01:14:11 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)

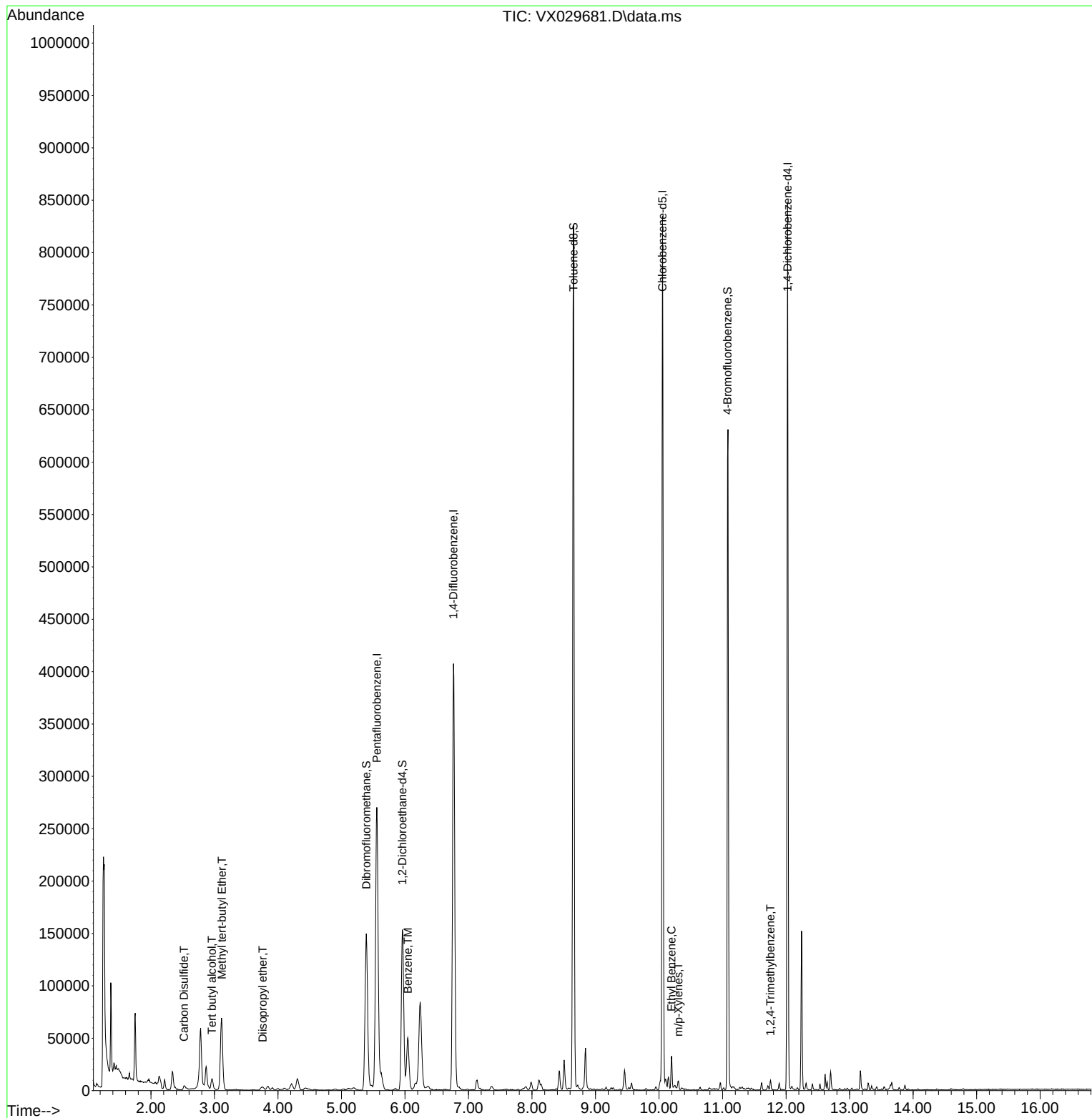
Internal Standards						
1) Pentafluorobenzene	5.556	168	260087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146428	42.531	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.060%
35) Dibromofluoromethane	5.391	113	131998	46.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.653	98	497781	47.568	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.140%
62) 4-Bromofluorobenzene	11.079	95	182537	46.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	12942	8.304	ug/l	97
17) Carbon Disulfide	2.520	76	9285	1.359	ug/l #	91
19) Methyl tert-butyl Ether	3.117	73	50948	5.569	ug/l #	44
22) Diisopropyl ether	3.757	45	2817	0.335	ug/l #	85
40) Benzene	6.043	78	63270	5.505	ug/l	96
67) Ethyl Benzene	10.195	91	18301	1.331	ug/l	97
68) m/p-Xylenes	10.305	106	1936	0.361	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	4475	0.411	ug/l	97

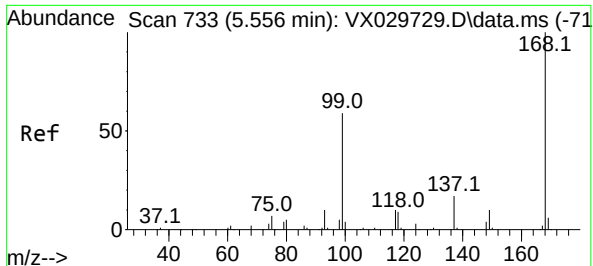
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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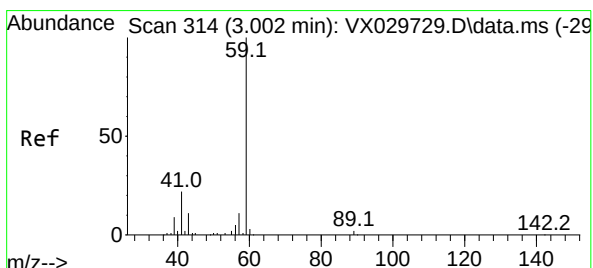
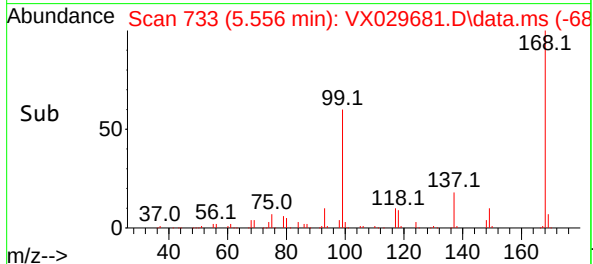
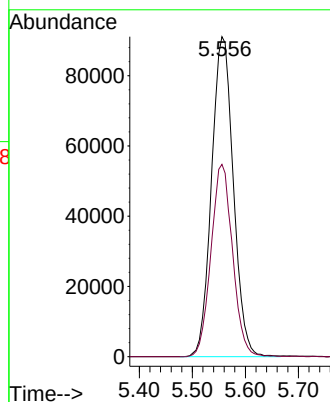
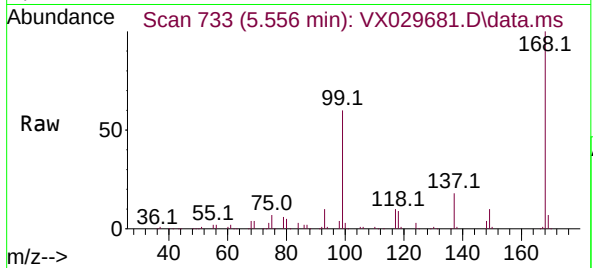




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

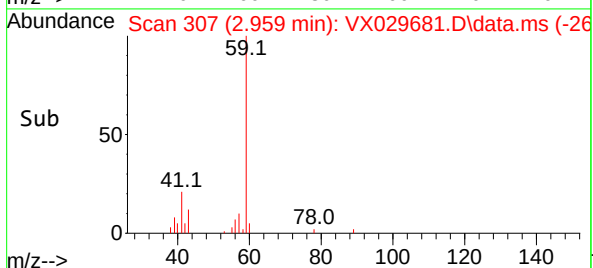
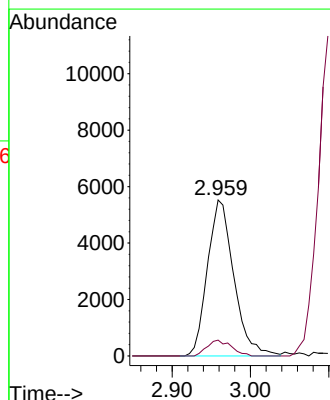
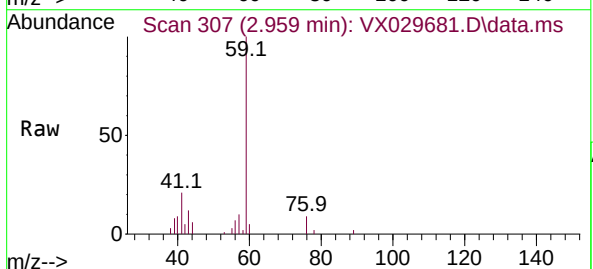
Instrument :
MSVOA_X
ClientSampleId :
MW-6D

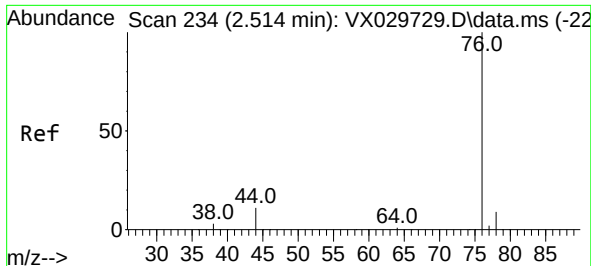
Tgt Ion:168 Resp: 260087
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#11
Tert butyl alcohol
Concen: 8.304 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

Tgt Ion: 59 Resp: 12942
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

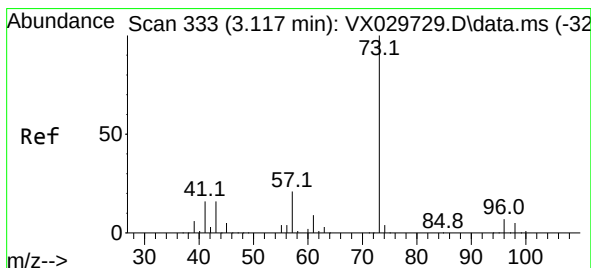
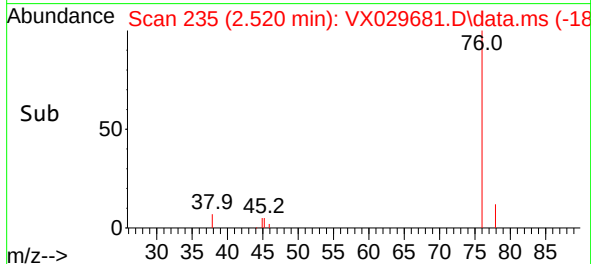
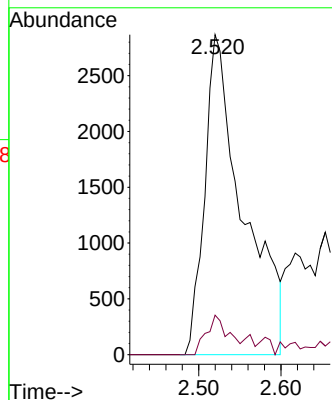
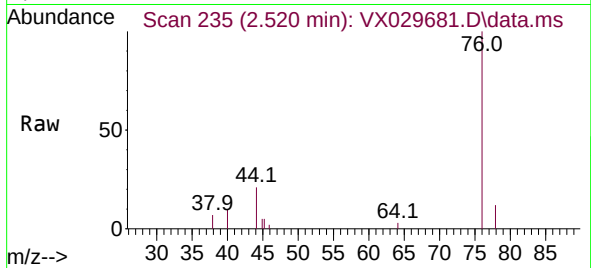




#17
Carbon Disulfide
Concen: 1.359 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

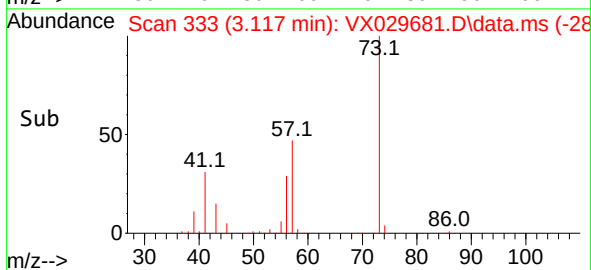
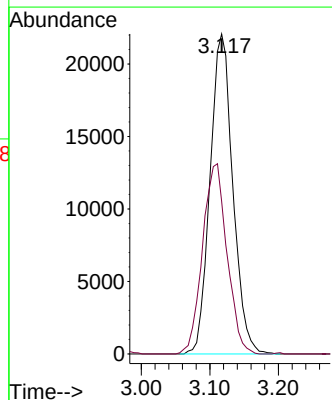
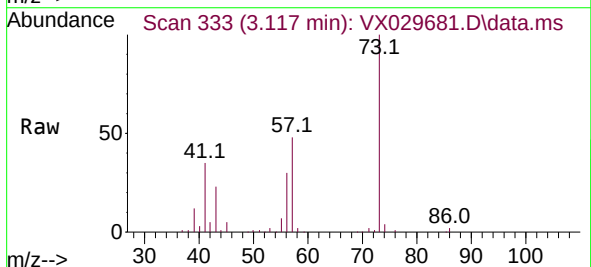
Instrument :
MSVOA_X
ClientSampleId :
MW-6D

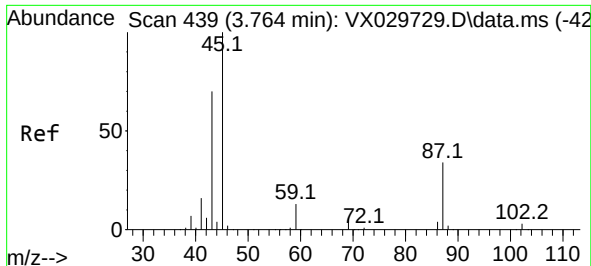
Tgt Ion: 76 Resp: 9285
Ion Ratio Lower Upper
76 100
78 12.3 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 5.569 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

Tgt Ion: 73 Resp: 50948
Ion Ratio Lower Upper
73 100
57 47.3 16.8 25.2#

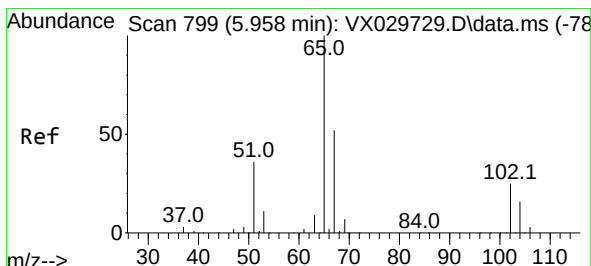
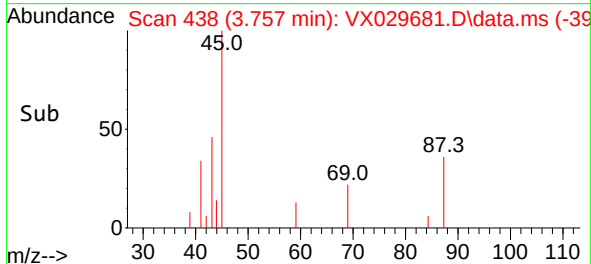
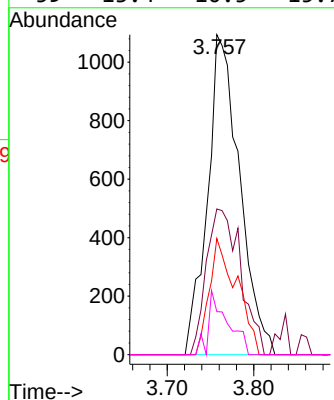
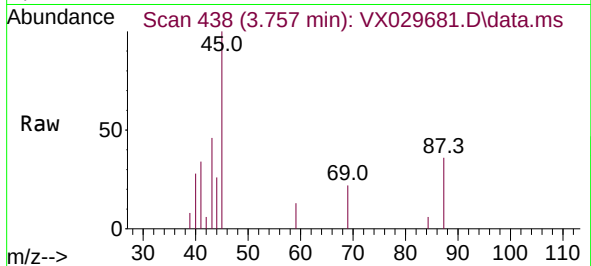




#22
Diisopropyl ether
Concen: 0.335 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

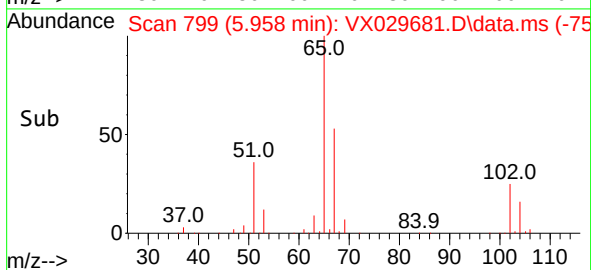
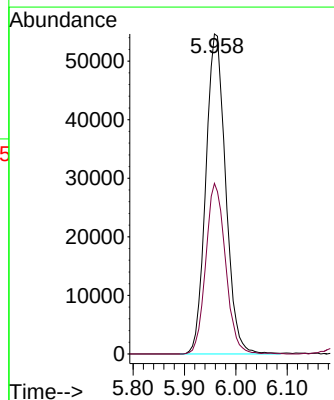
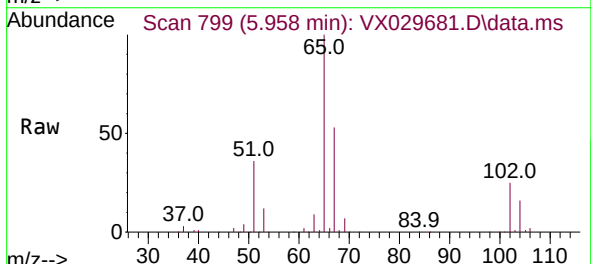
Instrument :
MSVOA_X
ClientSampleId :
MW-6D

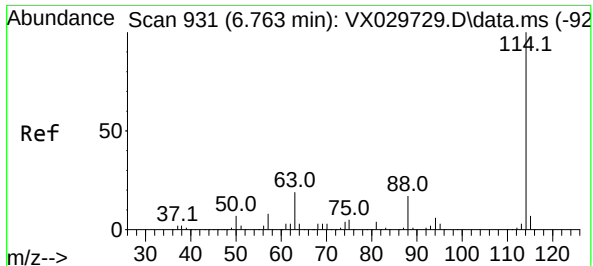
Tgt Ion: 45	Resp: 2817
Ion Ratio	Lower Upper
45 100	
43 45.5	50.8 76.2#
87 36.3	26.6 39.8
59 13.4	10.5 15.7



#33
1,2-Dichloroethane-d4
Concen: 42.531 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

Tgt Ion: 65	Resp: 146428
Ion Ratio	Lower Upper
65 100	
67 52.9	0.0 107.4

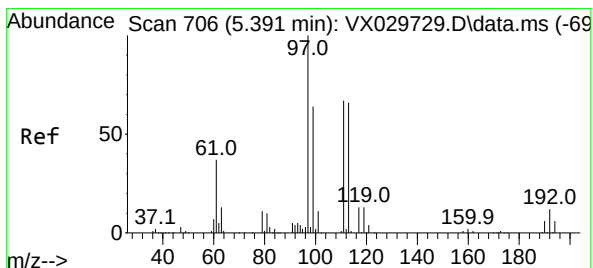
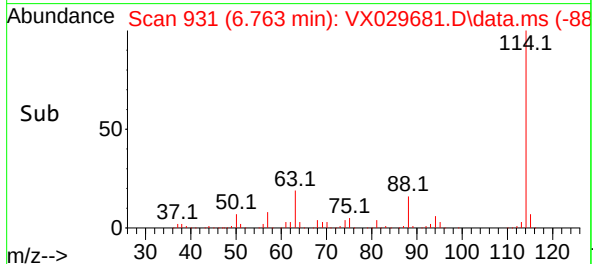
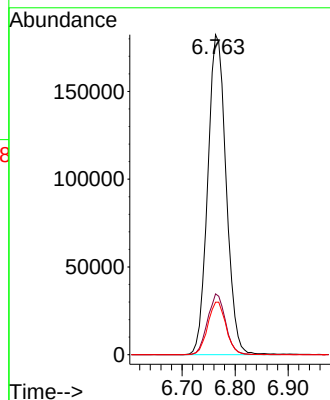
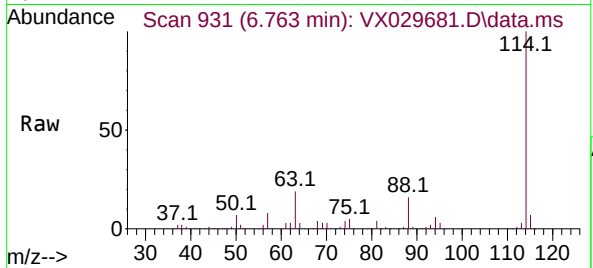




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

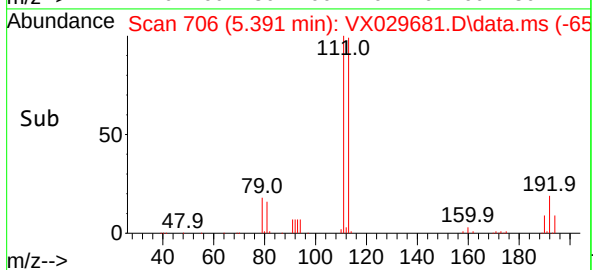
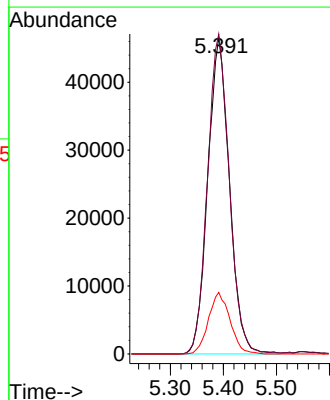
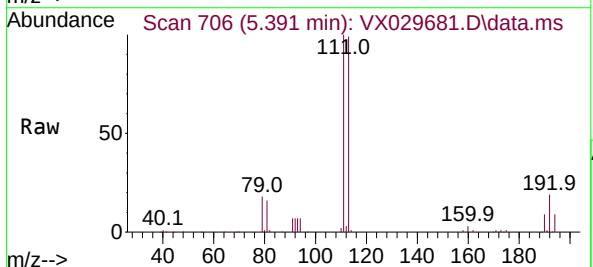
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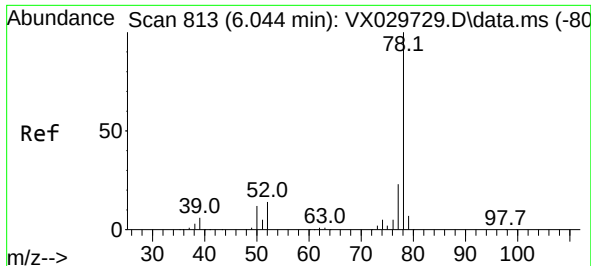
Tgt Ion:114 Resp: 439556
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.080 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

Tgt Ion:113 Resp: 131998
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 19.4 16.9 25.3

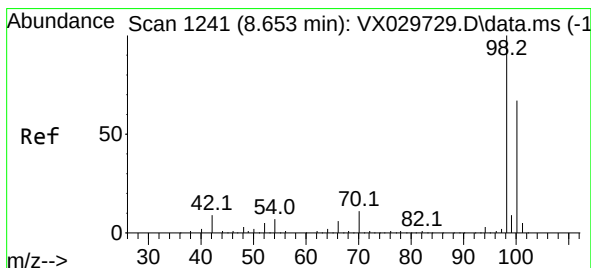
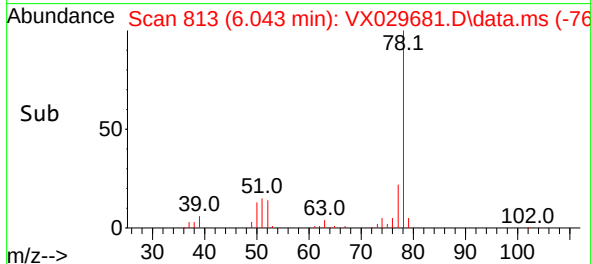
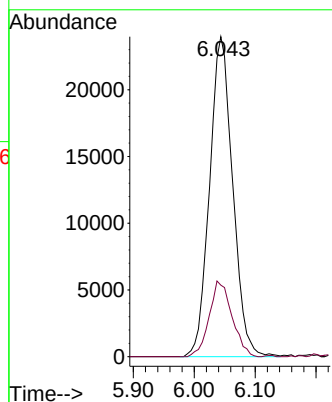
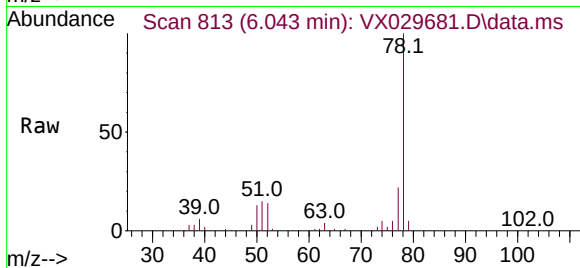




#40
Benzene
Concen: 5.505 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

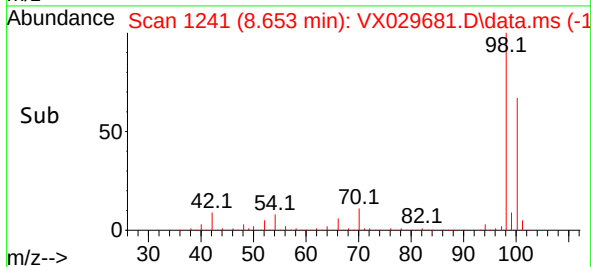
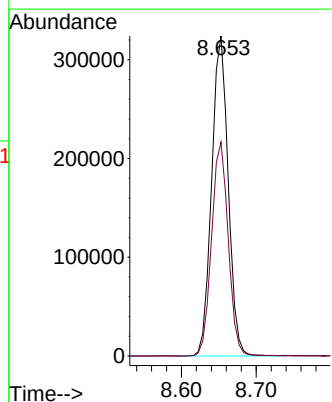
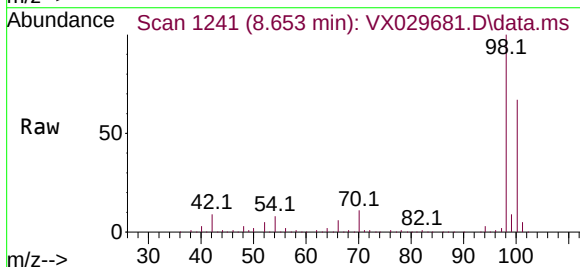
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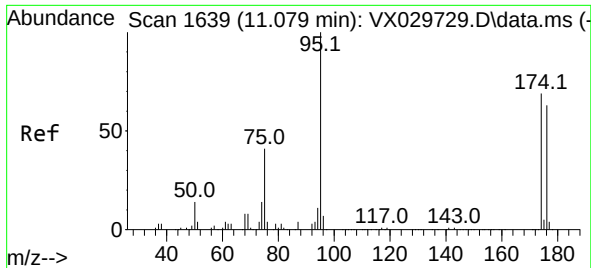
Tgt Ion: 78 Resp: 63270
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9



#50
Toluene-d8
Concen: 47.568 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

Tgt Ion: 98 Resp: 497781
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

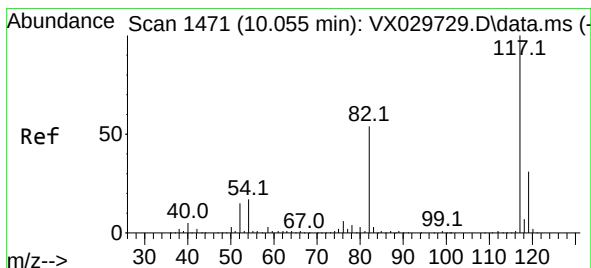
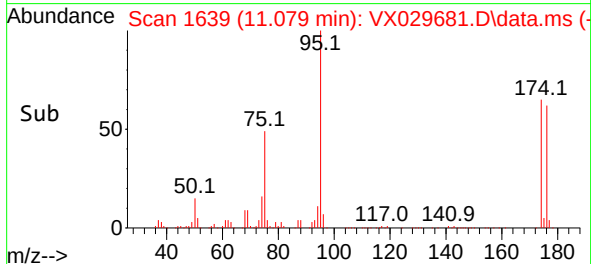
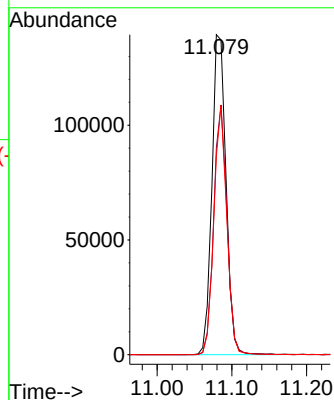
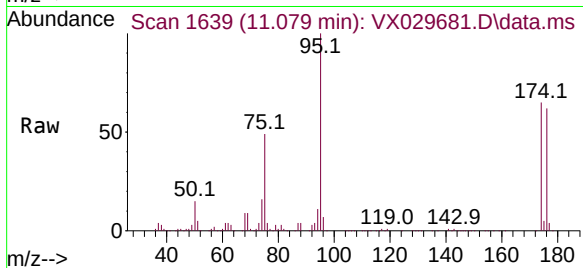




#62
4-Bromofluorobenzene
Concen: 46.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

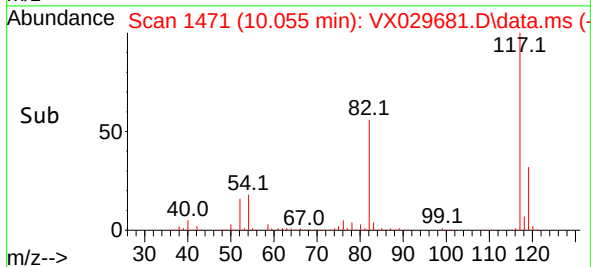
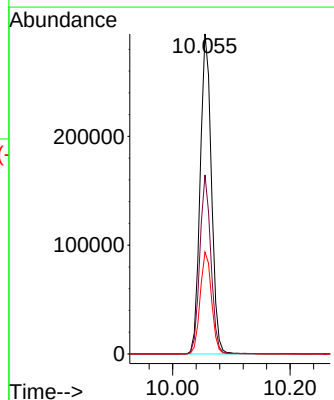
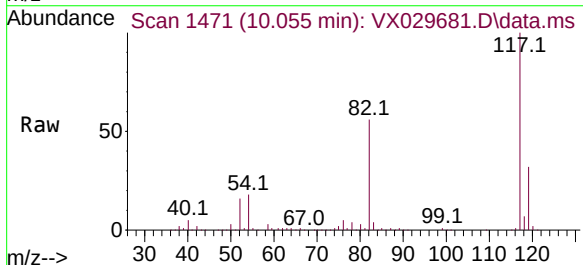
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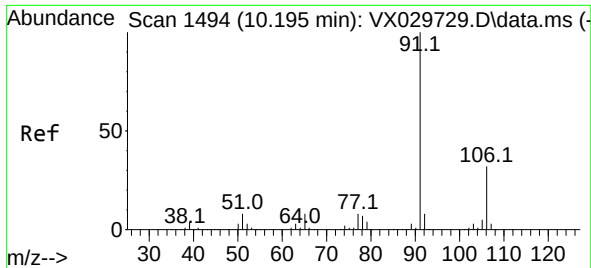
Tgt Ion: 95 Resp: 182537
Ion Ratio Lower Upper
95 100
174 73.7 0.0 163.0
176 71.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

Tgt Ion: 117 Resp: 389665
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 31.9 24.8 37.2

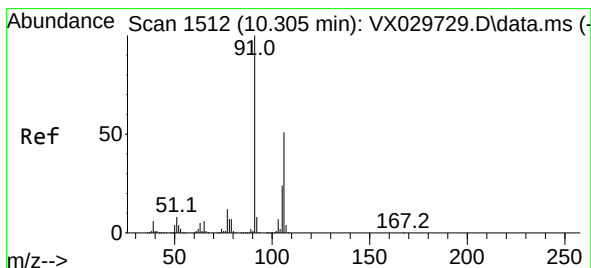
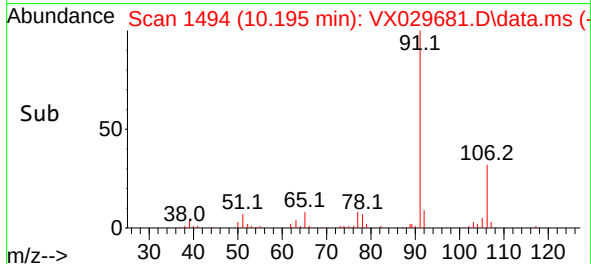
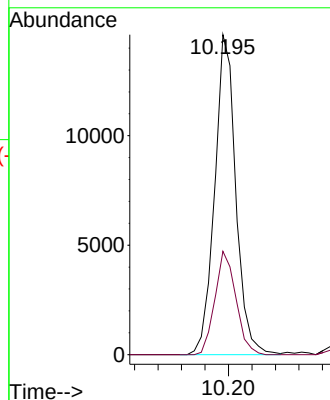
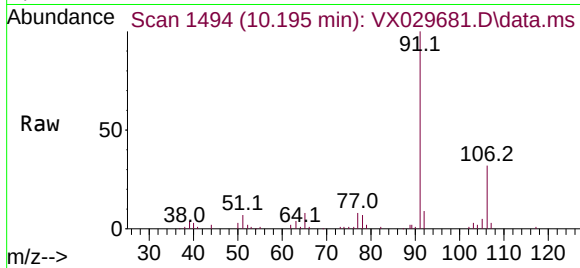




#67
Ethyl Benzene
Concen: 1.331 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

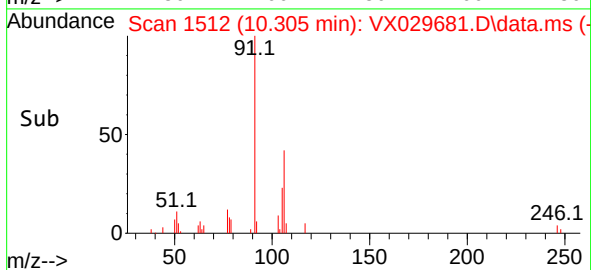
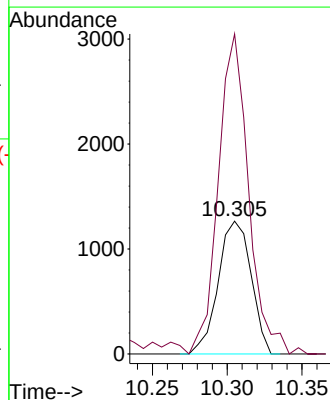
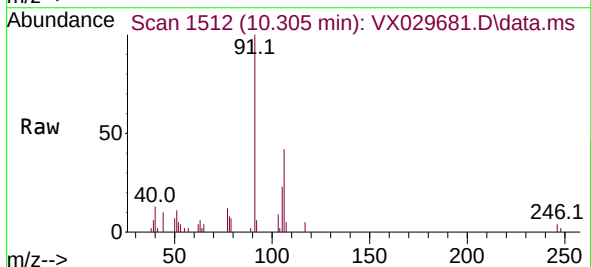
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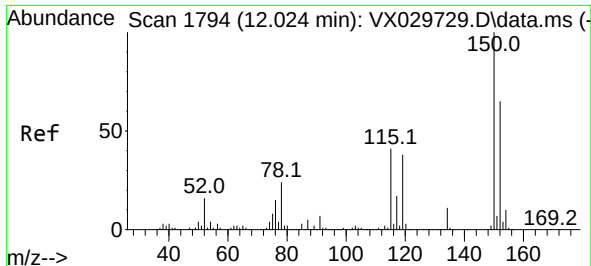
Tgt Ion: 91 Resp: 18301
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8



#68
m/p-Xylenes
Concen: 0.361 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029681.D
Acq: 21 Jun 2022 22:46

Tgt Ion: 106 Resp: 1936
Ion Ratio Lower Upper
106 100
91 221.6 160.4 240.6

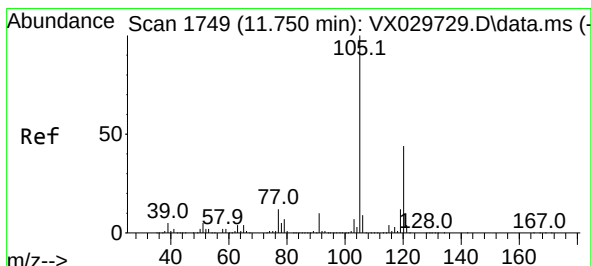
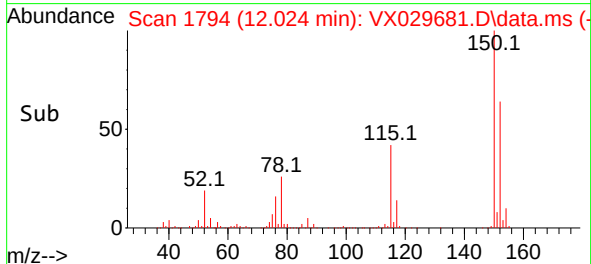
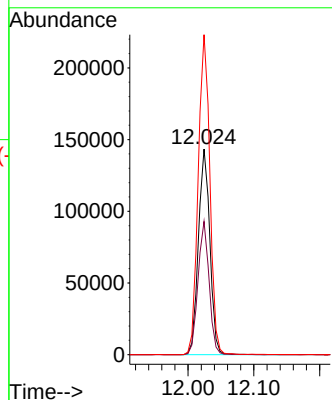
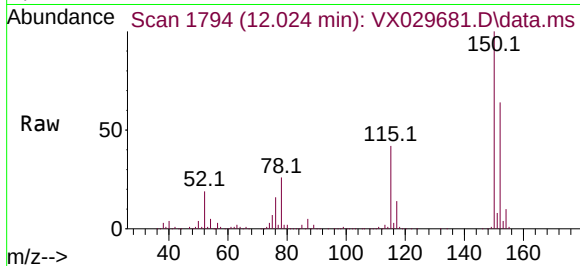




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029681.D
 Acq: 21 Jun 2022 22:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6D

Tgt Ion:152 Resp: 172965
 Ion Ratio Lower Upper
 152 100
 115 62.8 37.5 112.7
 150 158.0 0.0 338.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.411 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029681.D
 Acq: 21 Jun 2022 22:46

Tgt Ion:105 Resp: 4475
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.6 67.8

