

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033039.D
 Acq On : 24 Nov 2022 05:18
 Operator : JC/MD
 Sample : N5741-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31

Quant Time: Nov 25 06:36:59 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)

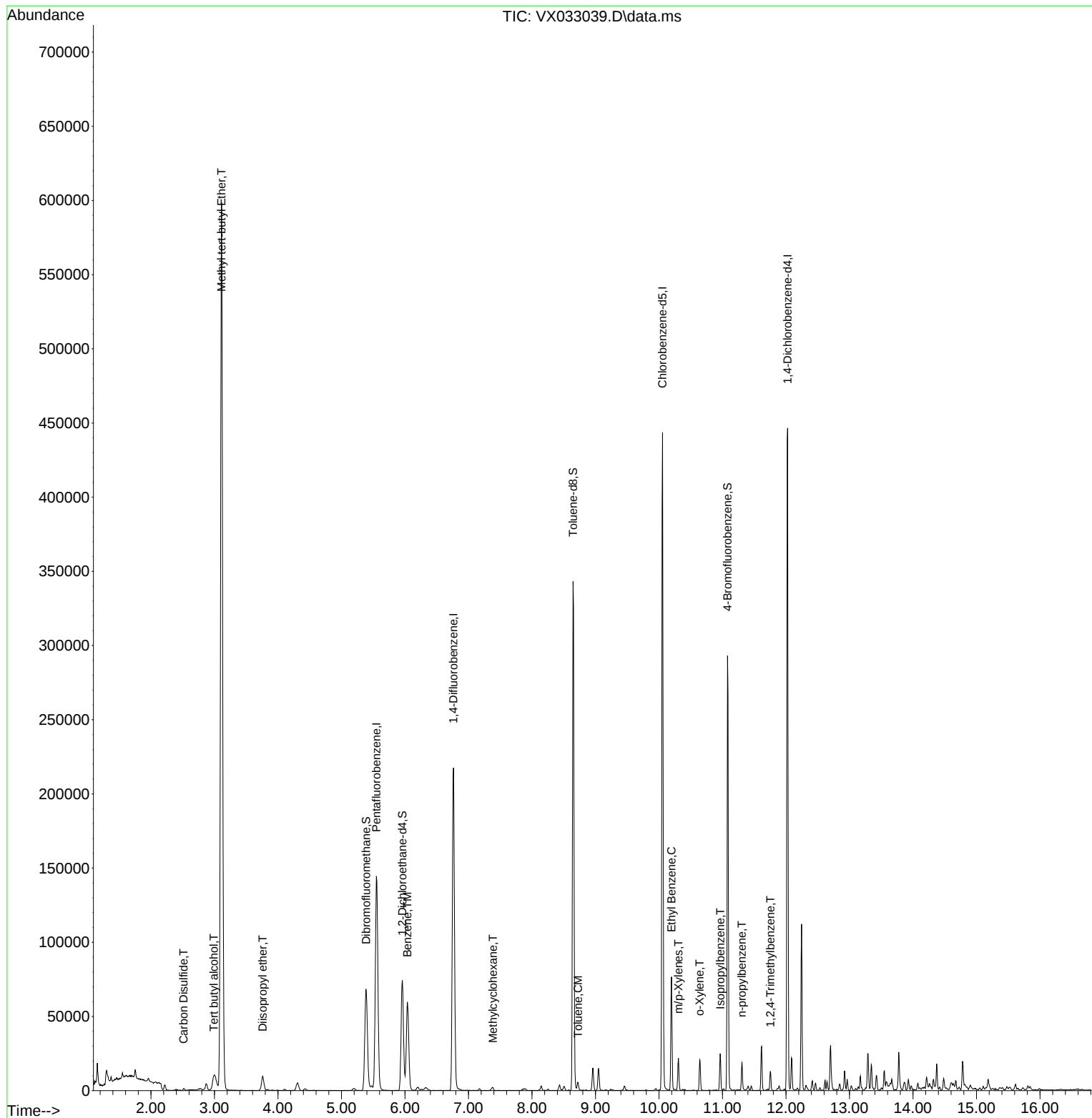
Internal Standards						
1) Pentafluorobenzene	5.550	168	136496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75702	57.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.420%	
35) Dibromofluoromethane	5.385	113	59945	48.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.120%	
50) Toluene-d8	8.647	98	204039	54.568	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	11.079	95	73965	45.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	22310	105.878	ug/l #	72
17) Carbon Disulfide	2.514	76	1858	0.565	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	654034	158.322	ug/l	99
22) Diisopropyl ether	3.757	45	10050	2.400	ug/l #	82
39) Methylcyclohexane	7.385	83	970	0.426	ug/l #	86
40) Benzene	6.038	78	72372	12.943	ug/l	99
52) Toluene	8.726	92	2173	0.591	ug/l	98
67) Ethyl Benzene	10.195	91	43360	6.189	ug/l	100
68) m/p-Xylenes	10.305	106	4828	1.760	ug/l	99
69) o-Xylene	10.640	106	4520	1.703	ug/l	96
73) Isopropylbenzene	10.964	105	12562	1.861	ug/l	95
78) n-propylbenzene	11.305	91	11064	1.434	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	6254	1.106	ug/l	97

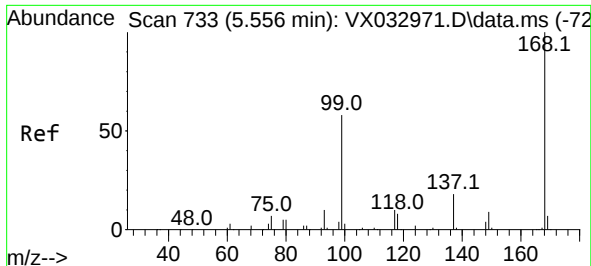
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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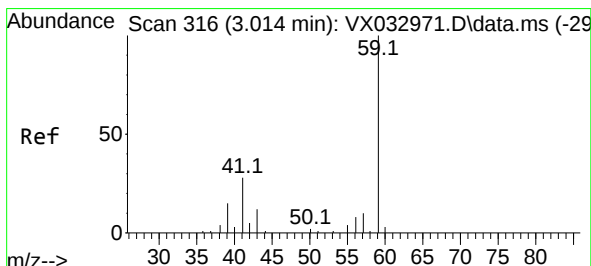
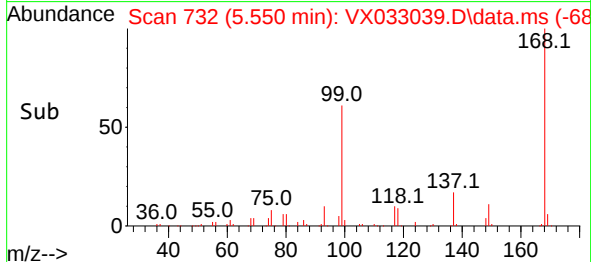
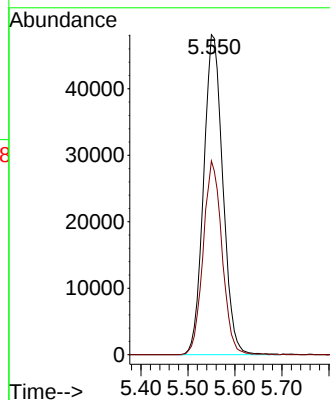
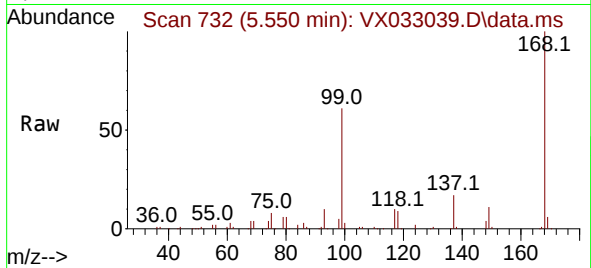




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

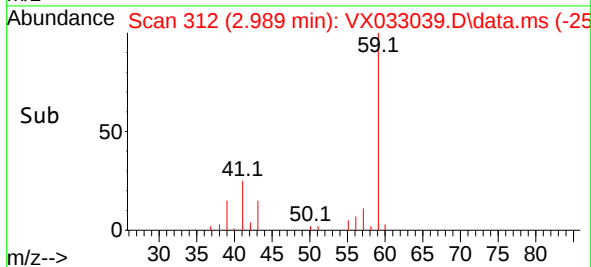
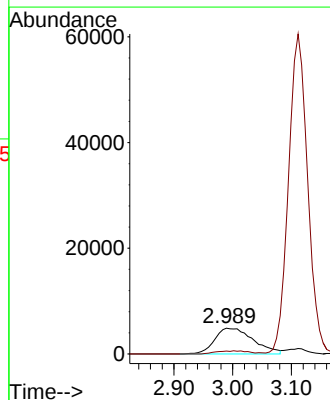
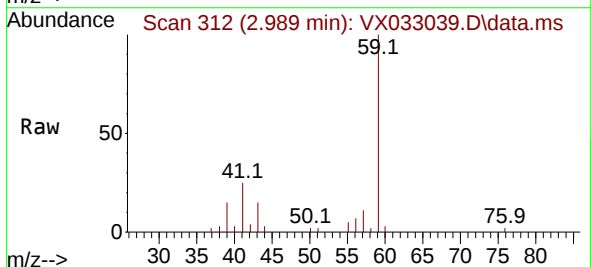
Instrument :
MSVOA_X
ClientSampleId :
MW-31

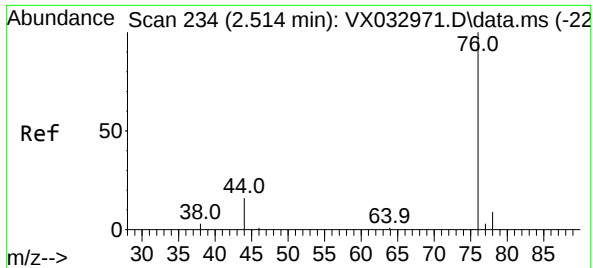
Tgt Ion:168 Resp: 136496
Ion Ratio Lower Upper
168 100
99 60.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 105.878 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

Tgt Ion: 59 Resp: 22310
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

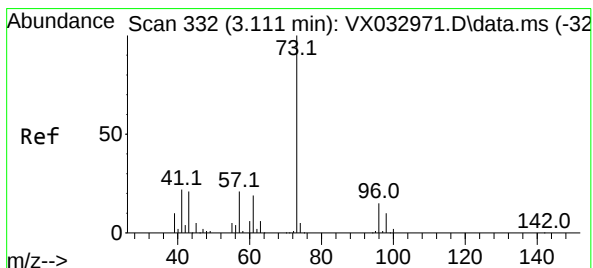
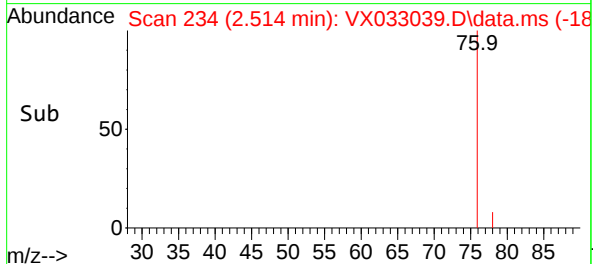
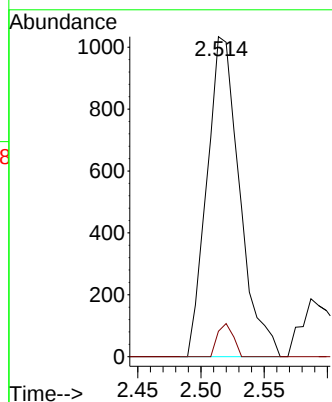
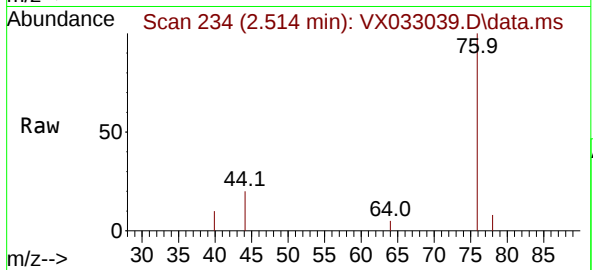




#17
Carbon Disulfide
Concen: 0.565 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

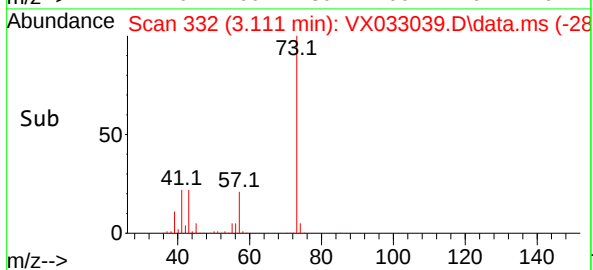
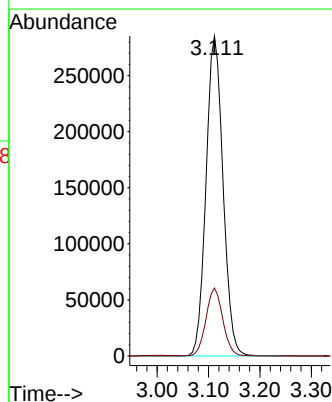
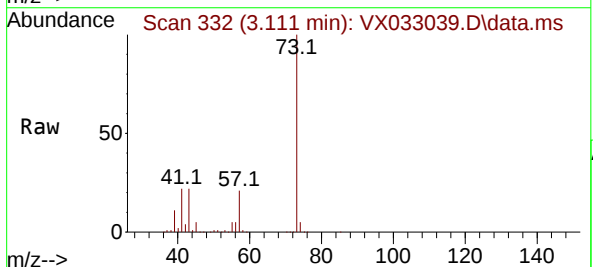
Instrument :
MSVOA_X
ClientSampleId :
MW-31

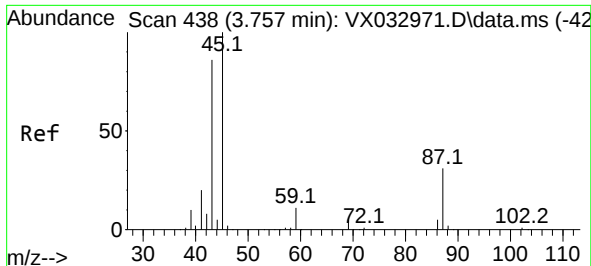
Tgt Ion: 76 Resp: 1858
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#19
Methyl tert-butyl Ether
Concen: 158.322 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

Tgt Ion: 73 Resp: 654034
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

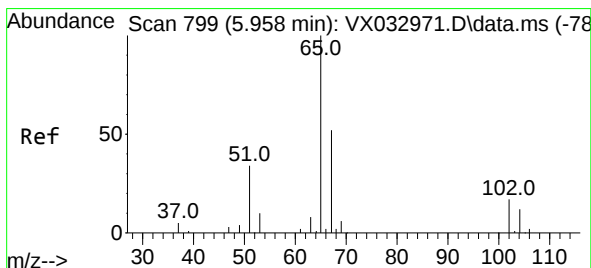
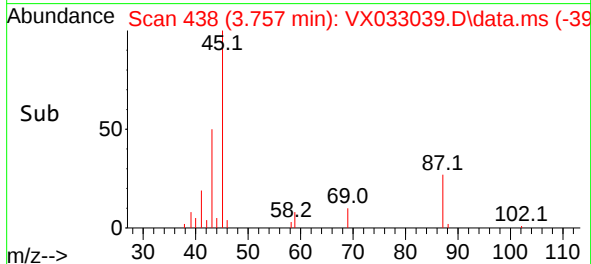
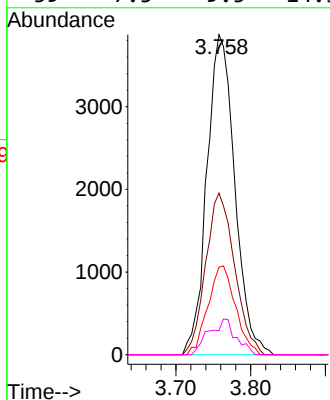
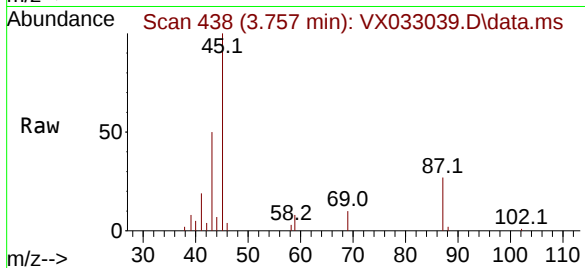




#22
Diisopropyl ether
Concen: 2.400 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

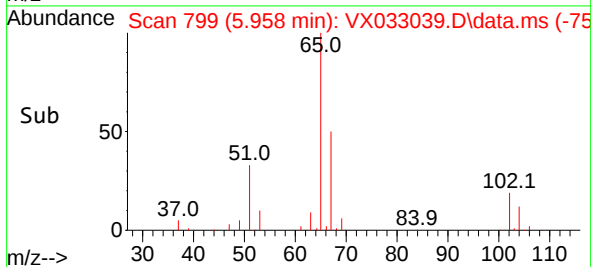
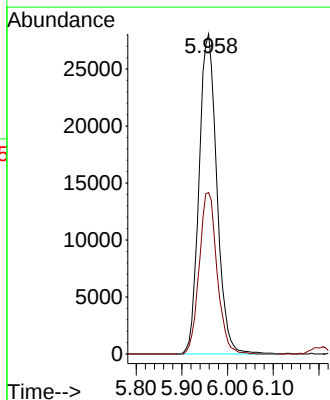
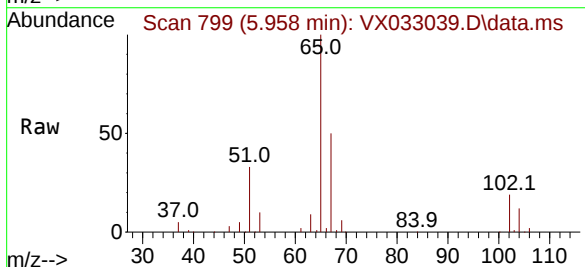
Instrument :
MSVOA_X
ClientSampleId :
MW-31

Tgt Ion:	45	Resp:	10050
Ion	Ratio	Lower	Upper
45	100		
43	50.4	56.4	84.6#
87	27.4	24.4	36.6
59	7.5	9.5	14.3#



#33
1,2-Dichloroethane-d4
Concen: 57.210 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

Tgt Ion:	65	Resp:	75702
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.8

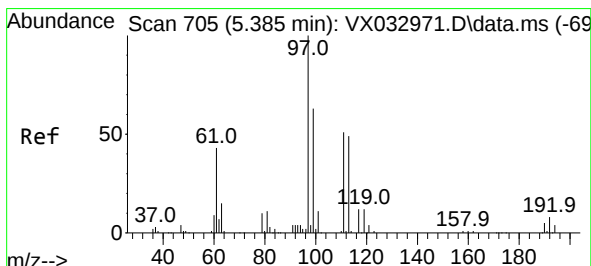
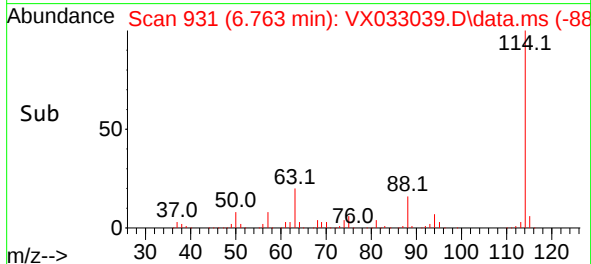
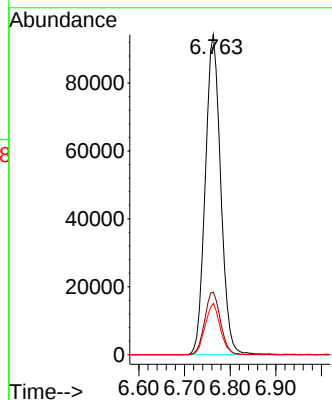
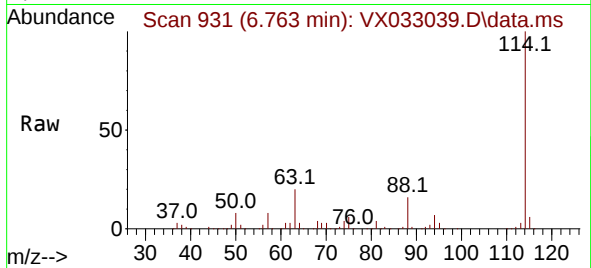




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

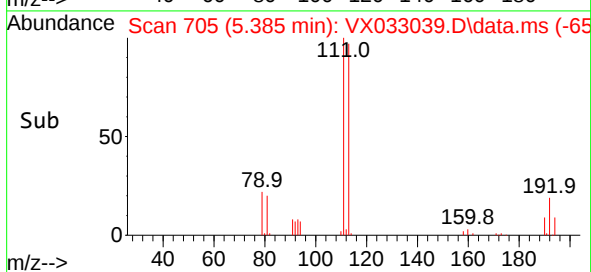
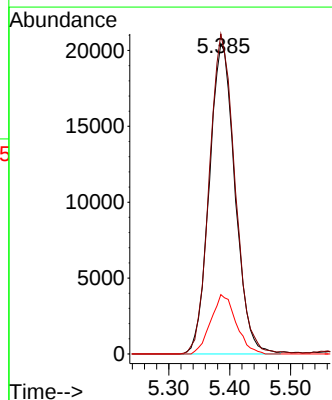
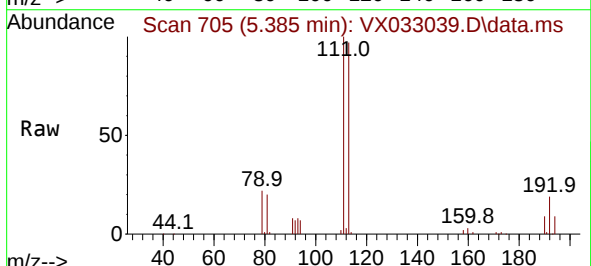
Instrument :
MSVOA_X
ClientSampleId :
MW-31

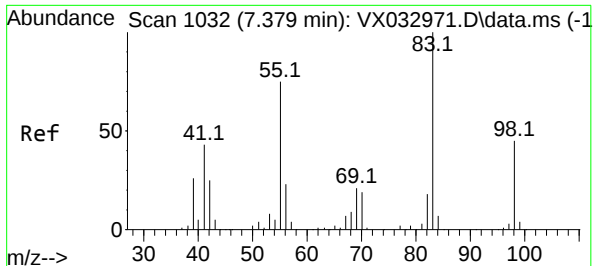
Tgt Ion:114 Resp: 221235
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.062 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

Tgt Ion:113 Resp: 59945
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.8 15.4 23.2





#39

Methylcyclohexane

Concen: 0.426 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX033039.D

Acq: 24 Nov 2022 05:18

Instrument :

MSVOA_X

ClientSampleId :

MW-31

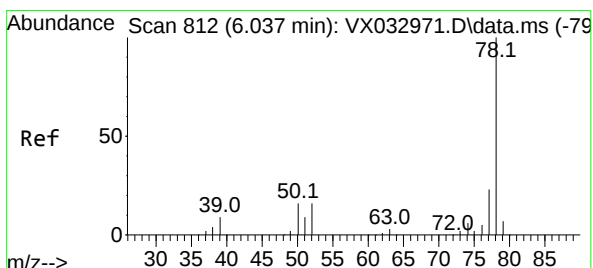
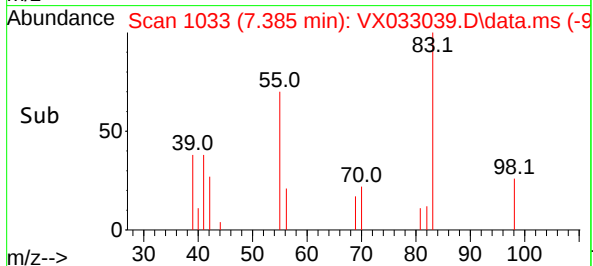
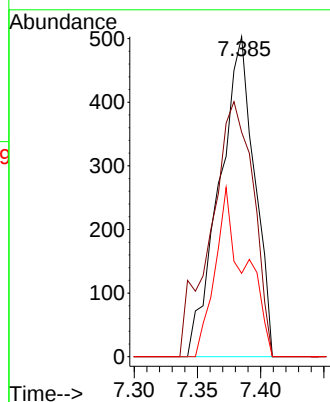
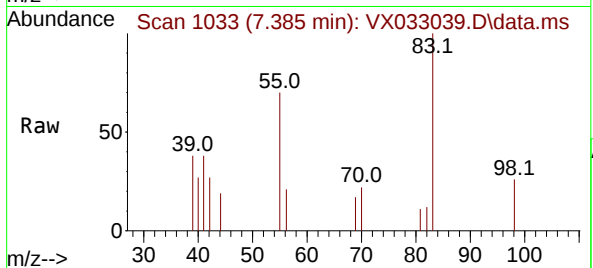
Tgt Ion: 83 Resp: 970

Ion Ratio Lower Upper

83 100

55 70.2 58.4 87.6

98 26.0 37.2 55.8#



#40

Benzene

Concen: 12.943 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX033039.D

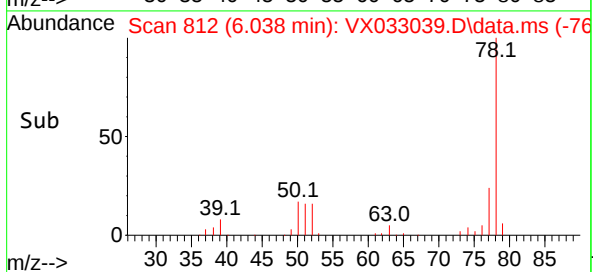
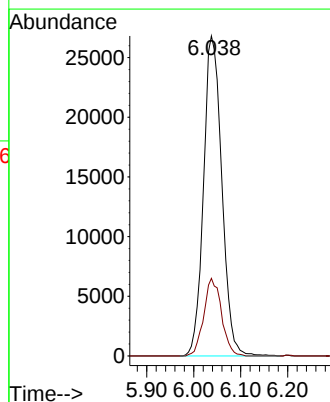
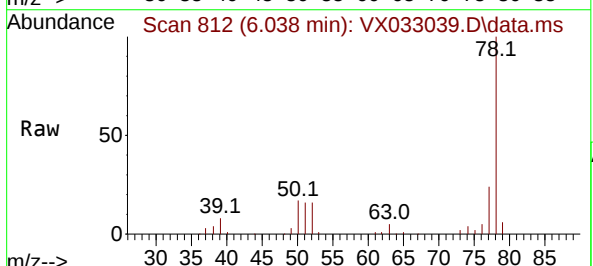
Acq: 24 Nov 2022 05:18

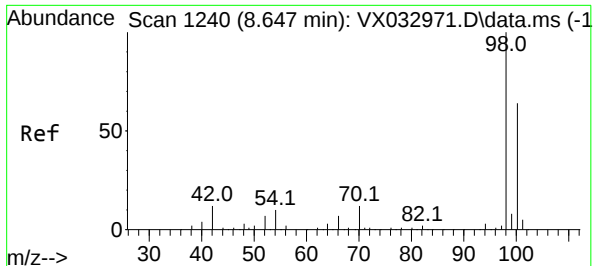
Tgt Ion: 78 Resp: 72372

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4





#50

Toluene-d8

Concen: 54.568 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033039.D

Acq: 24 Nov 2022 05:18

Instrument :

MSVOA_X

ClientSampleId :

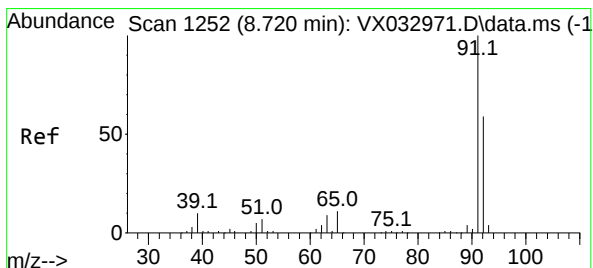
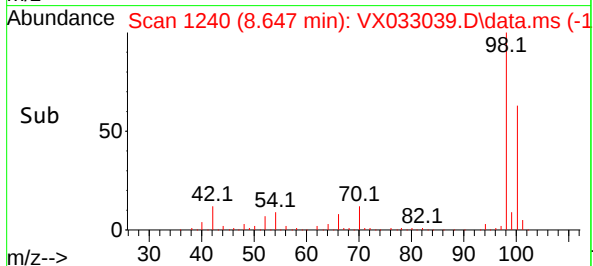
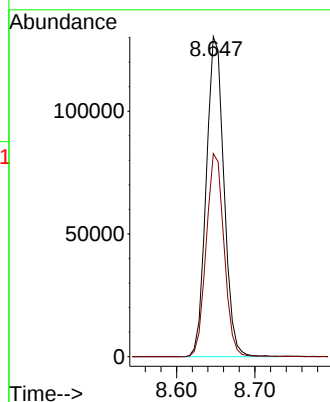
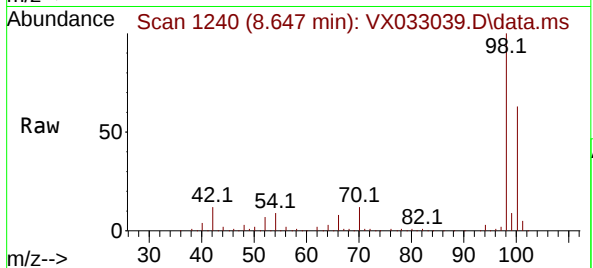
MW-31

Tgt Ion: 98 Resp: 204039

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#52

Toluene

Concen: 0.591 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX033039.D

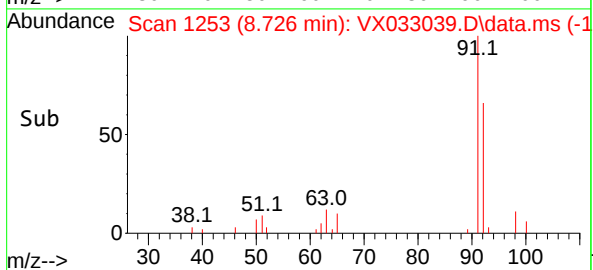
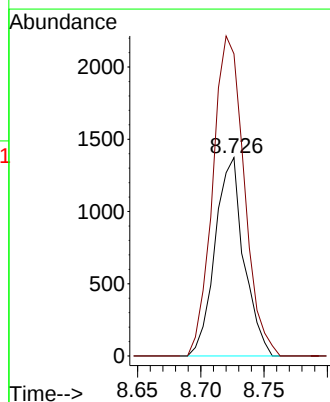
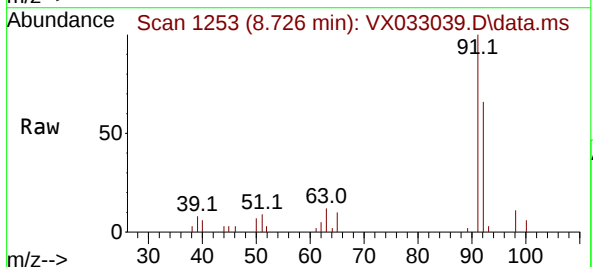
Acq: 24 Nov 2022 05:18

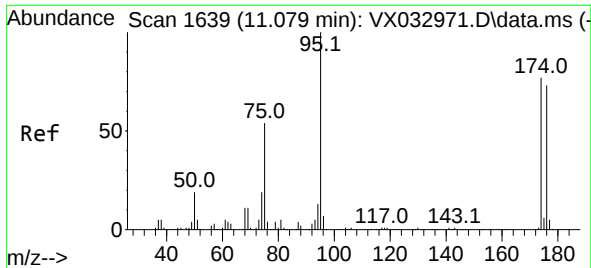
Tgt Ion: 92 Resp: 2173

Ion Ratio Lower Upper

92 100

91 176.2 138.3 207.5

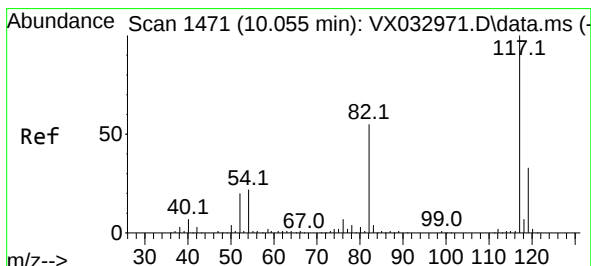
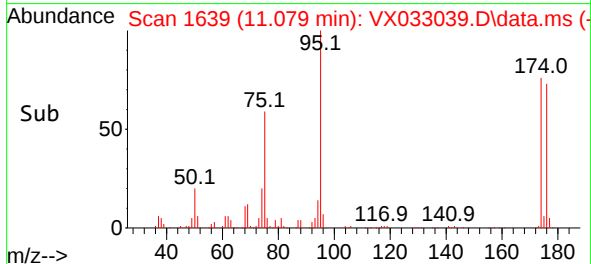
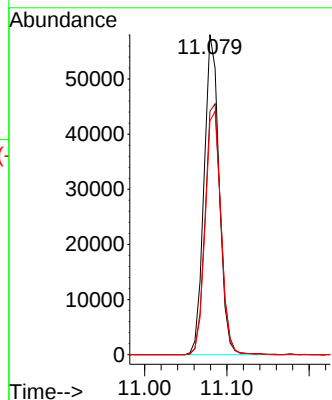
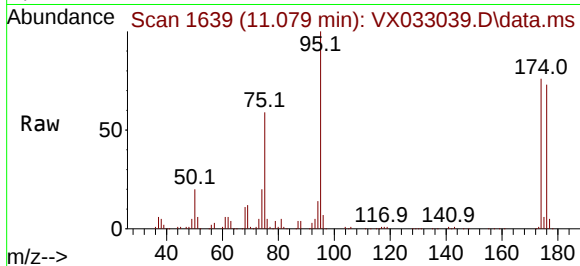




#62
4-Bromofluorobenzene
Concen: 45.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

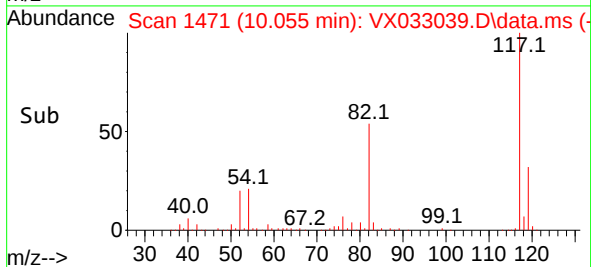
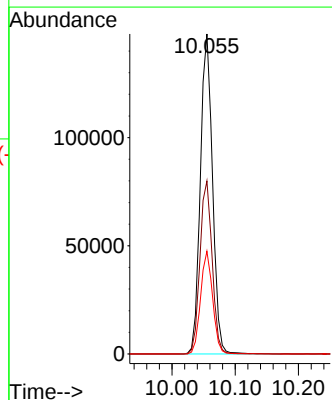
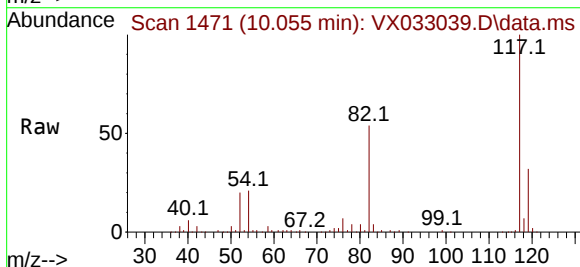
Instrument :
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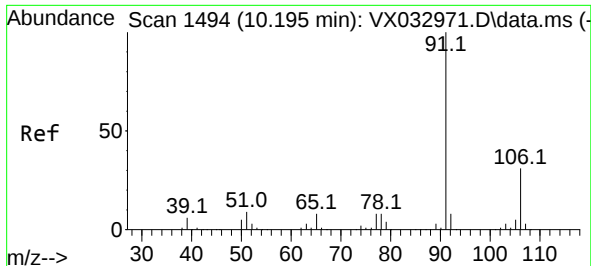
Tgt Ion: 95 Resp: 73965
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 79.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

Tgt Ion: 117 Resp: 198083
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.1 25.7 38.5

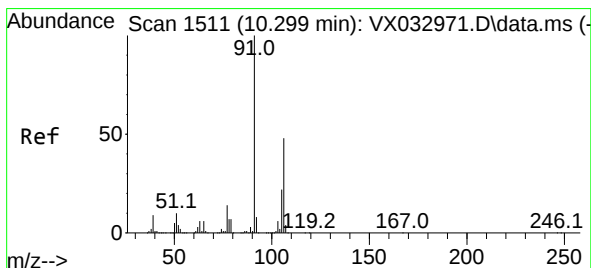
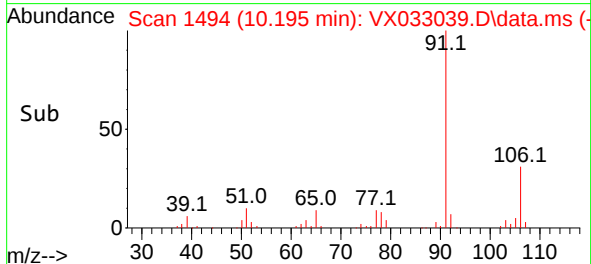
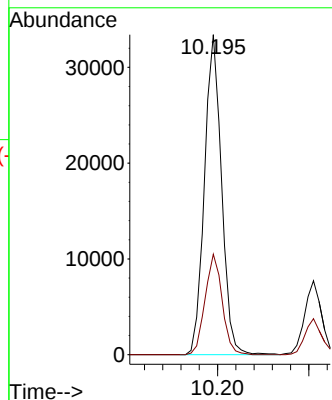
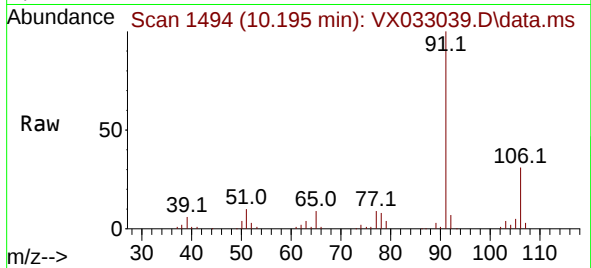




#67
Ethyl Benzene
Concen: 6.189 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

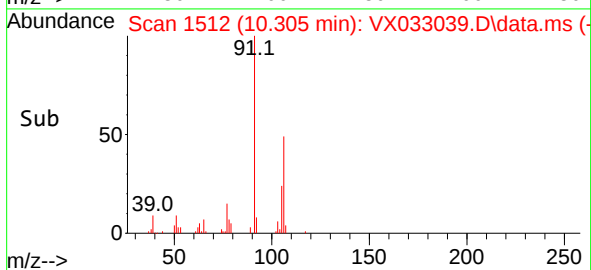
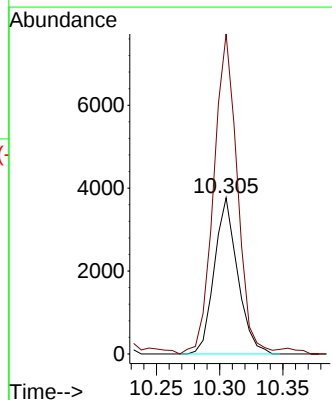
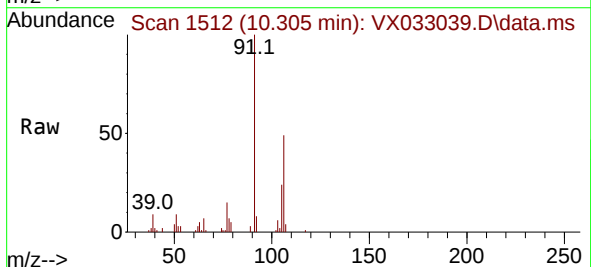
Instrument :
MSVOA_X
ClientSampleId :
MW-31

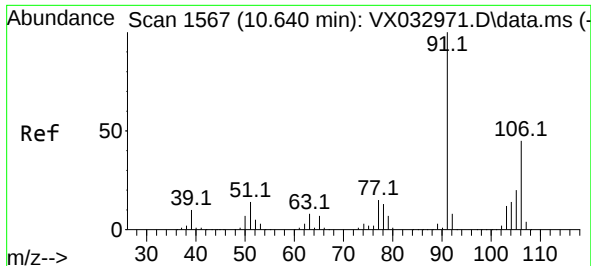
Tgt Ion: 91 Resp: 43360
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 1.760 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

Tgt Ion: 106 Resp: 4828
Ion Ratio Lower Upper
106 100
91 207.0 164.5 246.7

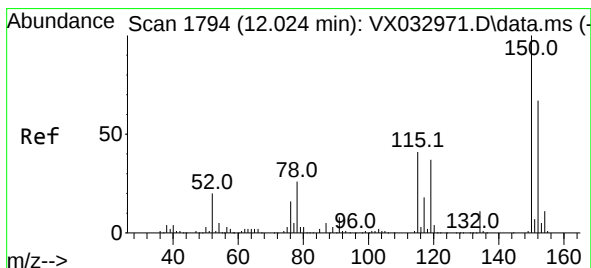
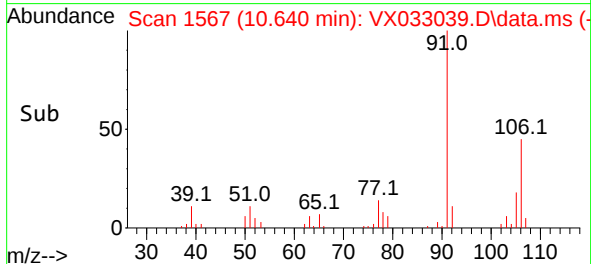
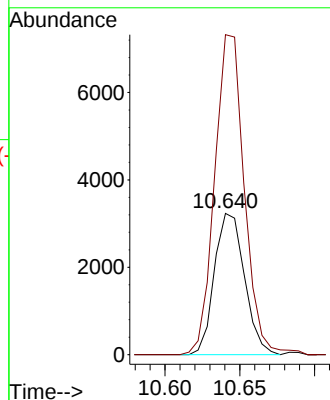
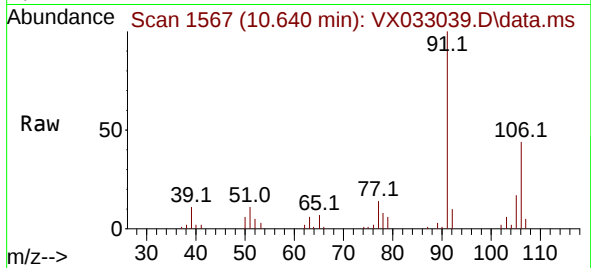




#69
o-Xylene
Concen: 1.703 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

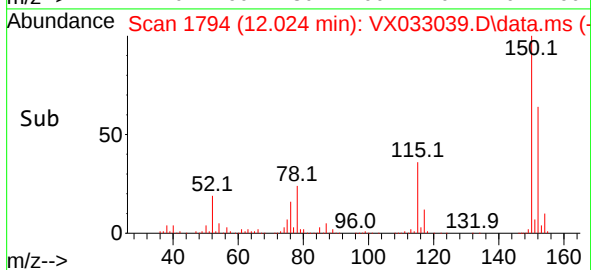
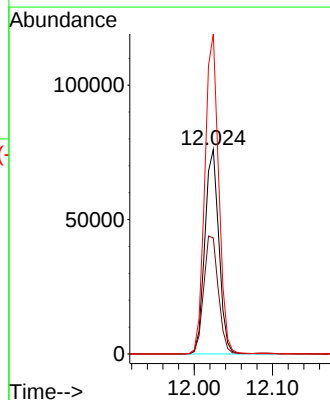
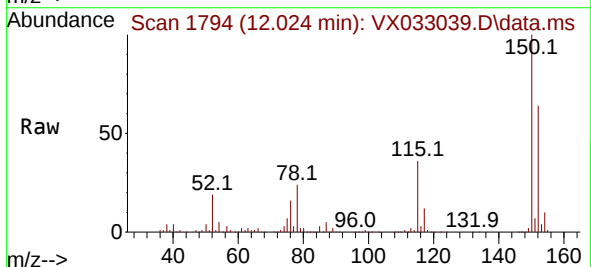
Instrument :
MSVOA_X
ClientSampleId :
MW-31

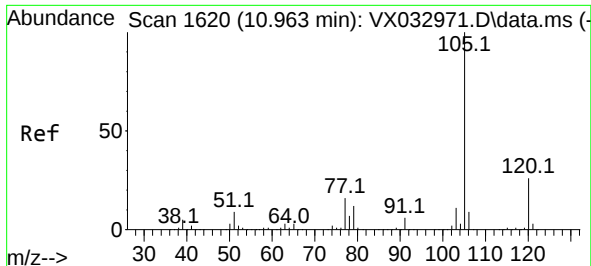
Tgt Ion:106 Resp: 4520
Ion Ratio Lower Upper
106 100
91 224.1 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

Tgt Ion:152 Resp: 94462
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 154.9 0.0 351.8

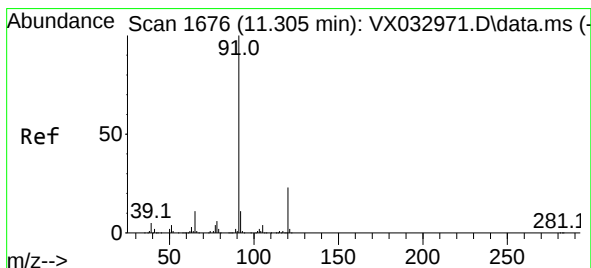
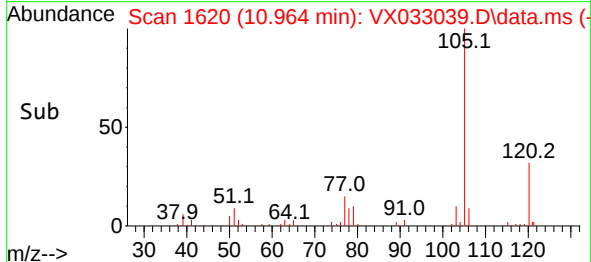
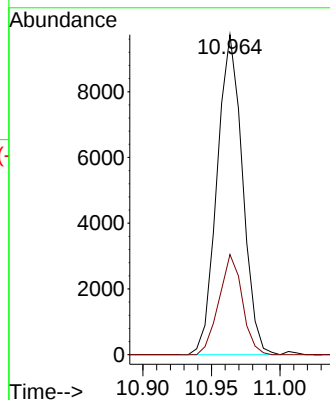
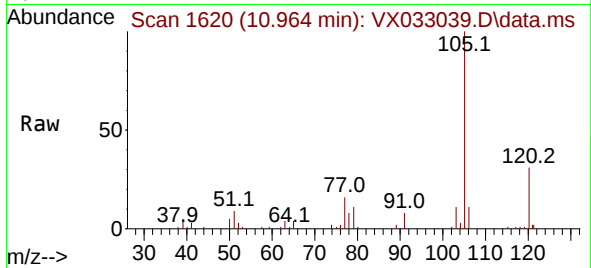




#73
Isopropylbenzene
Concen: 1.861 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

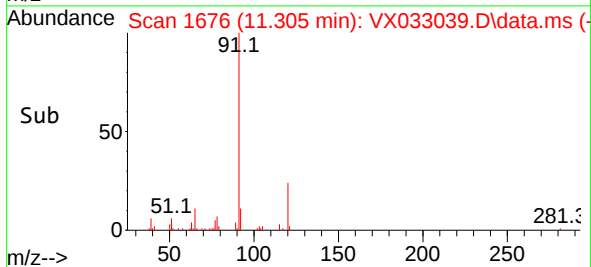
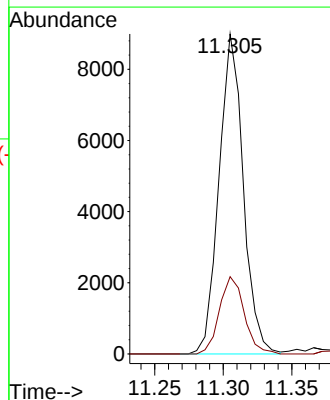
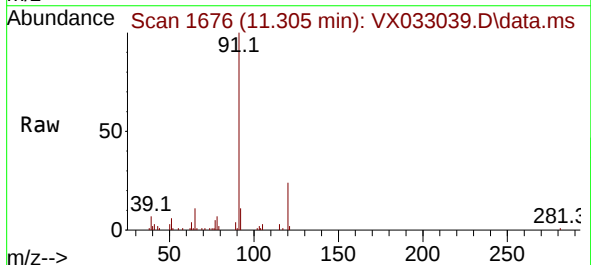
Instrument :
MSVOA_X
ClientSampleId :
MW-31

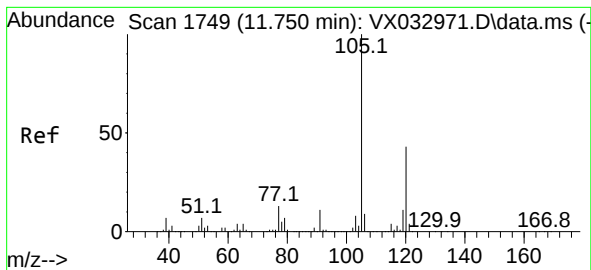
Tgt Ion:105 Resp: 12562
Ion Ratio Lower Upper
105 100
120 28.6 13.1 39.3



#78
n-propylbenzene
Concen: 1.434 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033039.D
Acq: 24 Nov 2022 05:18

Tgt Ion: 91 Resp: 11064
Ion Ratio Lower Upper
91 100
120 24.6 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 1.106 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033039.D

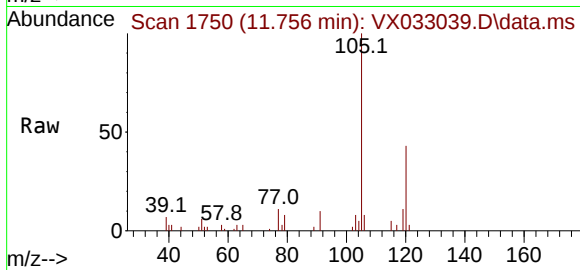
Acq: 24 Nov 2022 05:18

Instrument :

MSVOA_X

ClientSampleId :

MW-31



Tgt Ion:105 Resp: 6254

Ion Ratio Lower Upper

105 100

120 42.0 21.9 65.5

