

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033054.D
 Acq On : 24 Nov 2022 11:02
 Operator : JC/MD
 Sample : N5747-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

Quant Time: Nov 25 06:39:46 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)

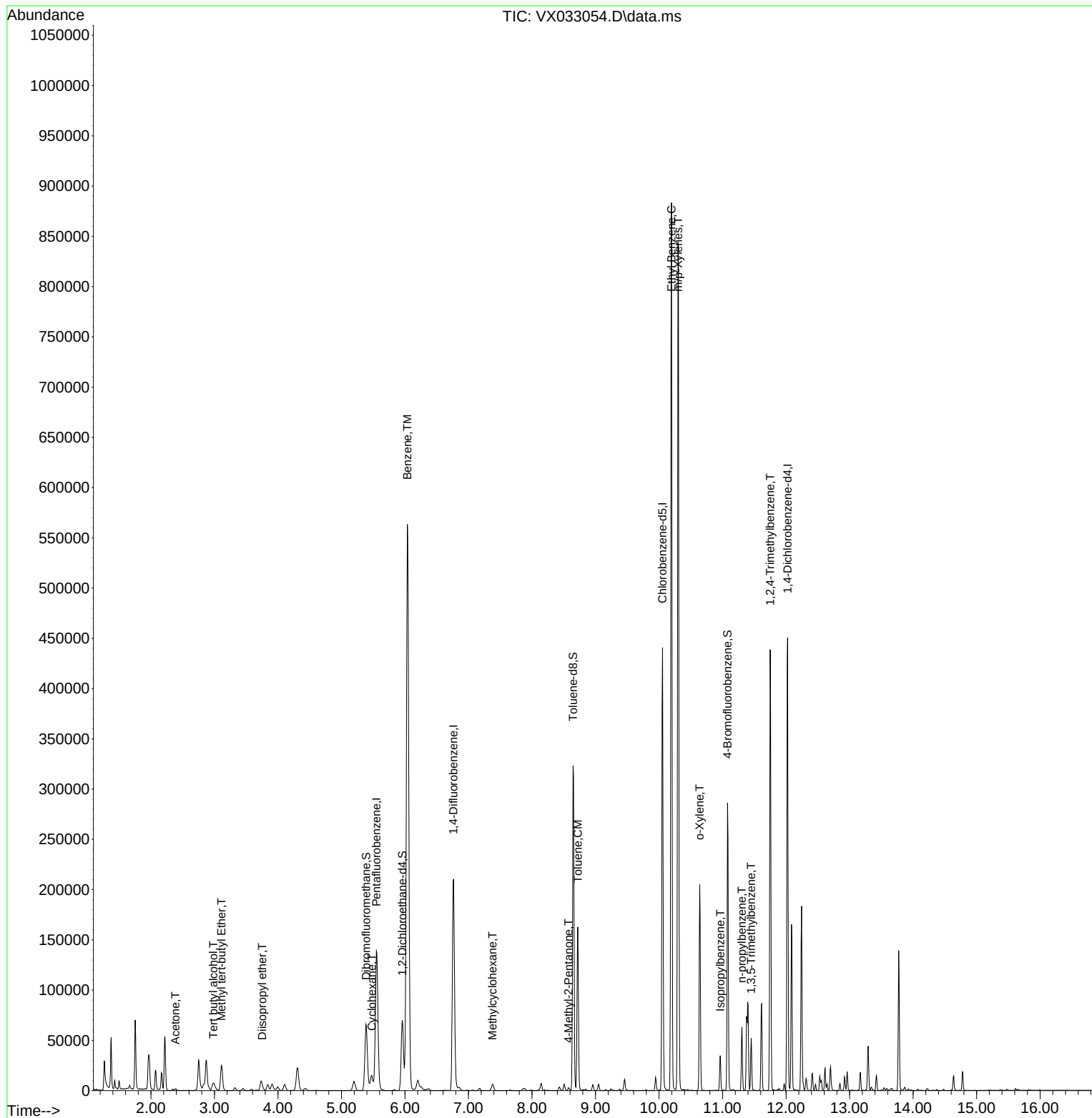
Internal Standards						
1) Pentafluorobenzene	5.549	168	130398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69859	55.149	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.300%			
35) Dibromofluoromethane	5.385	113	55389	45.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.780%			
50) Toluene-d8	8.646	98	191347	52.805	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.620%			
62) 4-Bromofluorobenzene	11.079	95	70884	44.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.400%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	13003	64.595	ug/l	97
16) Acetone	2.385	43	2277	3.839	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	21879	5.544	ug/l #	77
22) Diisopropyl ether	3.751	45	1861	0.465	ug/l #	81
31) Cyclohexane	5.476	56	10043	4.881	ug/l	97
39) Methylcyclohexane	7.378	83	2760	1.253	ug/l	90
40) Benzene	6.037	78	672563	124.282	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	1741	1.013	ug/l	90
52) Toluene	8.720	92	59114	16.604	ug/l	98
67) Ethyl Benzene	10.195	91	492317	72.539	ug/l	100
68) m/p-Xylenes	10.299	106	197872	74.452	ug/l	100
69) o-Xylene	10.640	106	43846	17.051	ug/l	98
73) Isopropylbenzene	10.963	105	17490	2.645	ug/l	100
78) n-propylbenzene	11.304	91	36341	4.806	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	22331	4.019	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	192732	34.790	ug/l	99

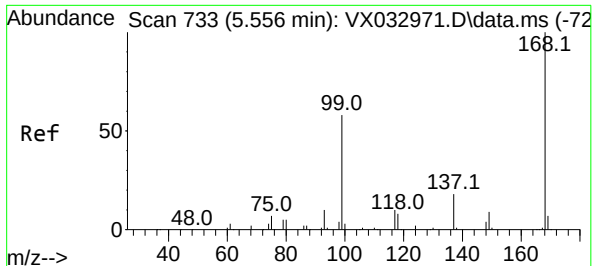
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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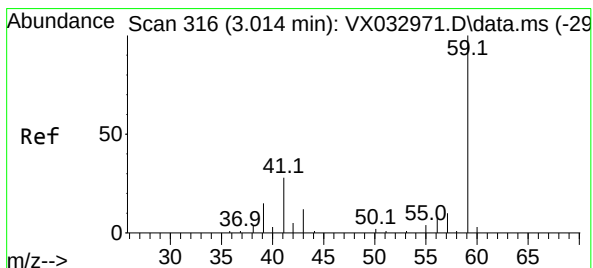
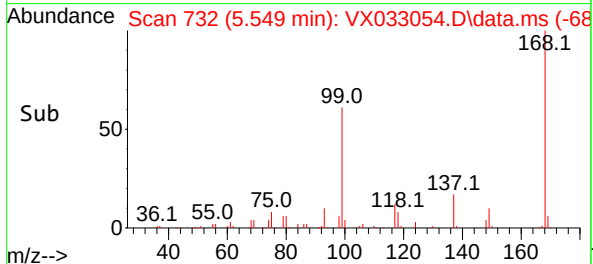
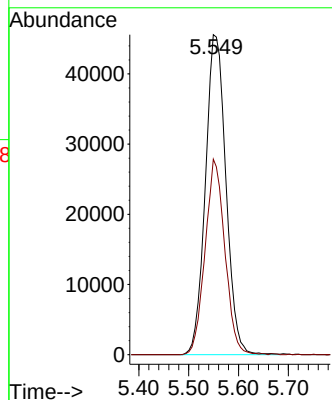
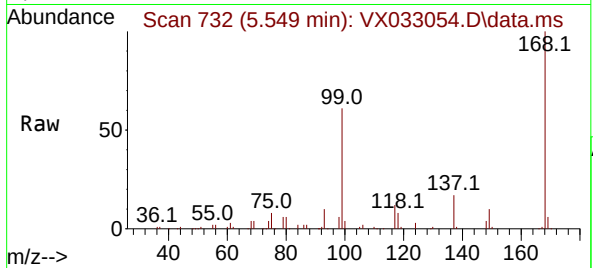




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

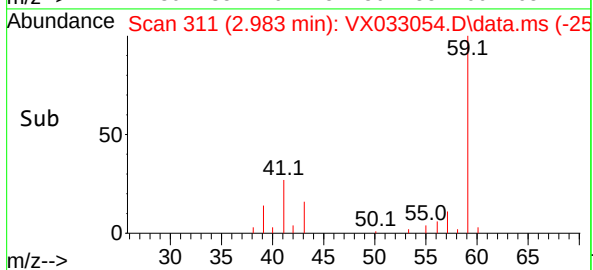
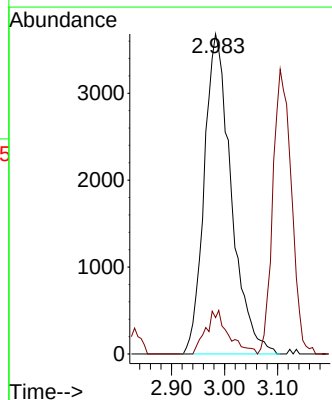
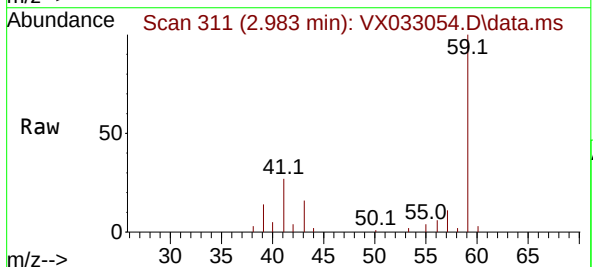
Instrument :
MSVOA_X
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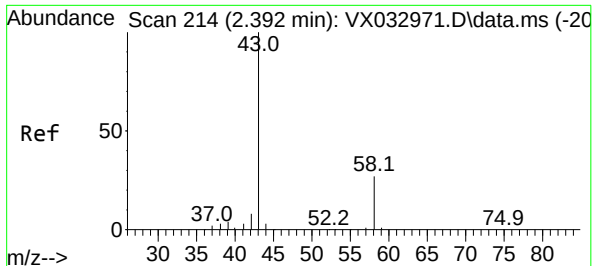
Tgt Ion:168 Resp: 130398
Ion Ratio Lower Upper
168 100
99 61.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 64.595 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

Tgt Ion: 59 Resp: 13003
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4

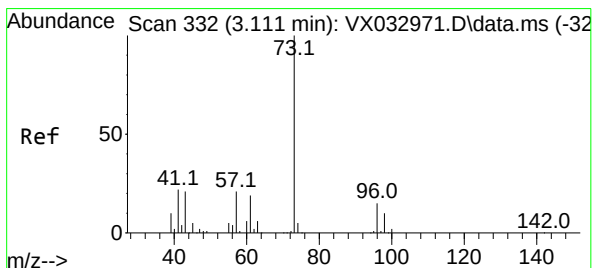
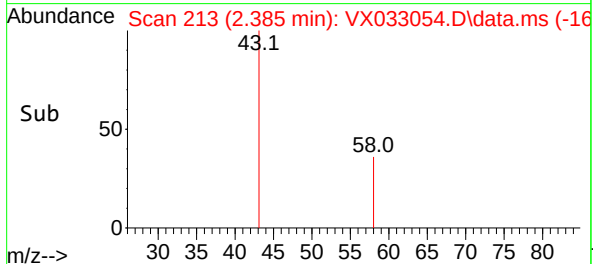
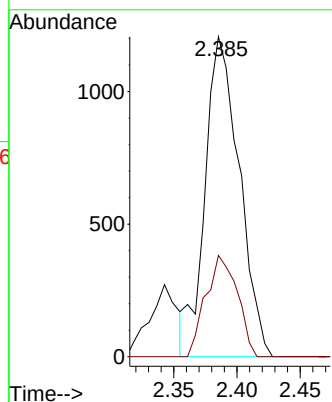
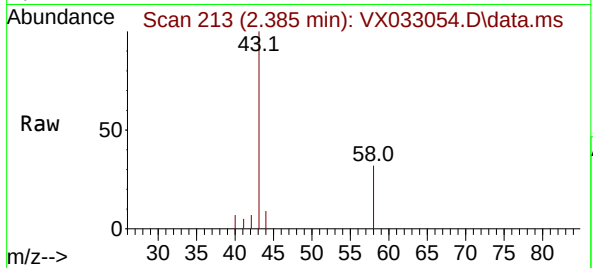




#16
Acetone
Concen: 3.839 ug/l
RT: 2.385 min Scan# 214
Delta R.T. 0.005 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

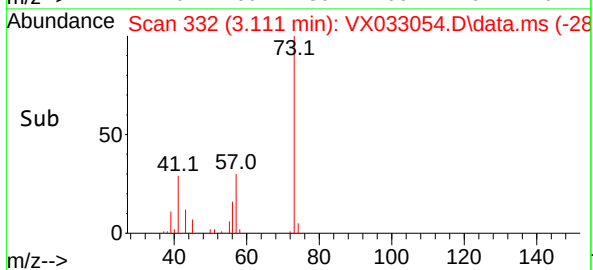
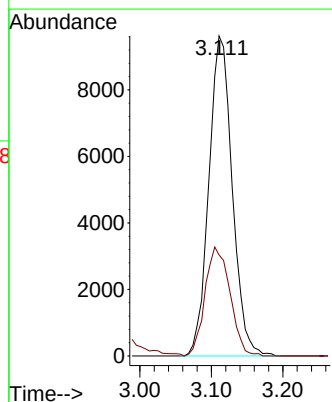
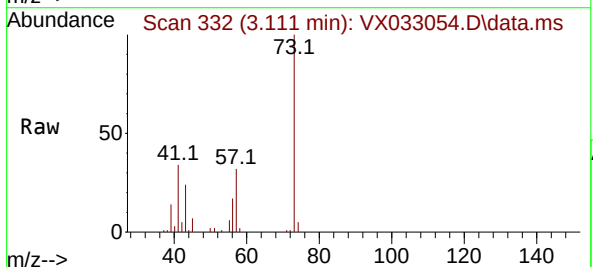
Instrument :
MSVOA_X
ClientSampleId :
MW-29

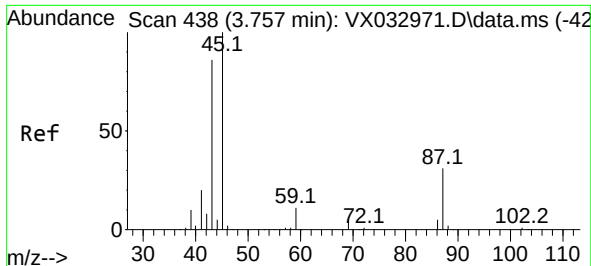
Tgt Ion: 43 Resp: 2277
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 5.544 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

Tgt Ion: 73 Resp: 21879
Ion Ratio Lower Upper
73 100
57 31.6 16.6 25.0#

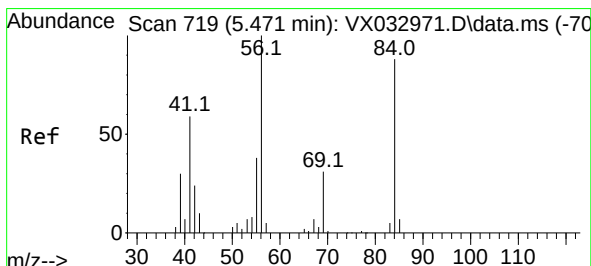
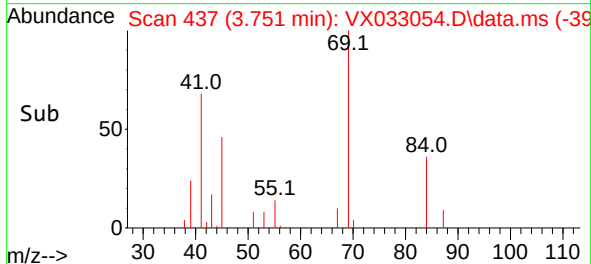
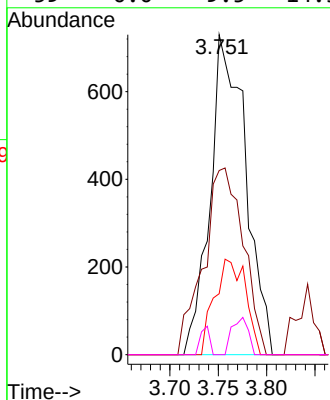
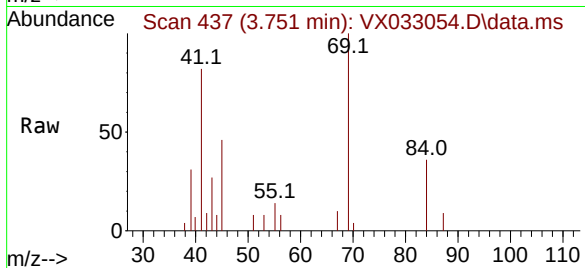




#22
Diisopropyl ether
Concen: 0.465 ug/l
RT: 3.751 min Scan# 41
Delta R.T. -0.012 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

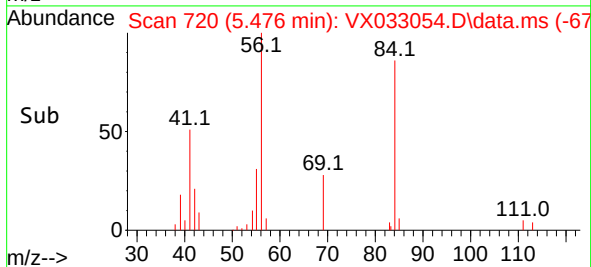
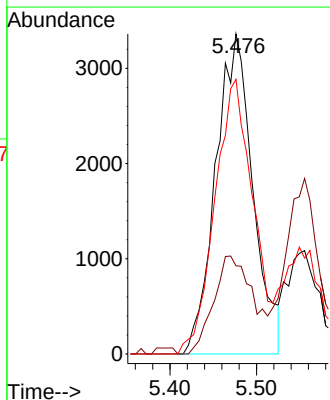
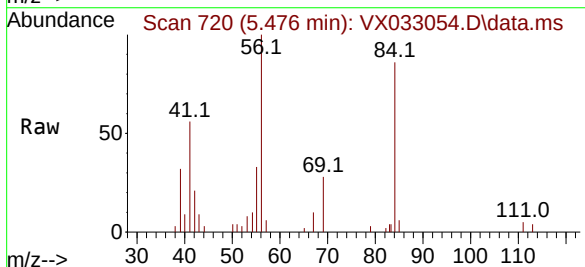
Instrument :
MSVOA_X
ClientSampleId :
MW-29

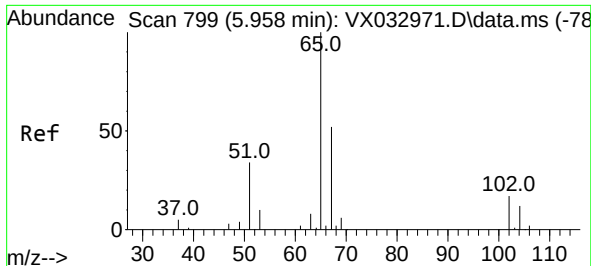
Tgt Ion:	45	Resp:	1861
Ion	Ratio	Lower	Upper
45	100		
43	57.5	56.4	84.6
87	19.0	24.4	36.6#
59	0.0	9.5	14.3#



#31
Cyclohexane
Concen: 4.881 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

Tgt Ion:	56	Resp:	10043
Ion	Ratio	Lower	Upper
56	100		
69	27.6	24.1	36.1
84	85.8	66.9	100.3

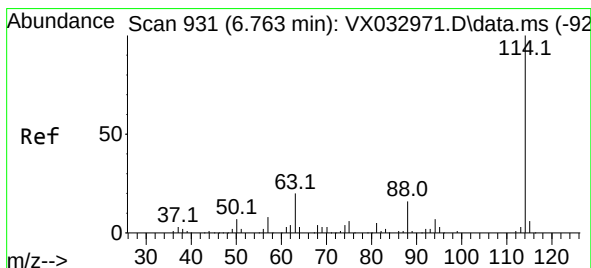
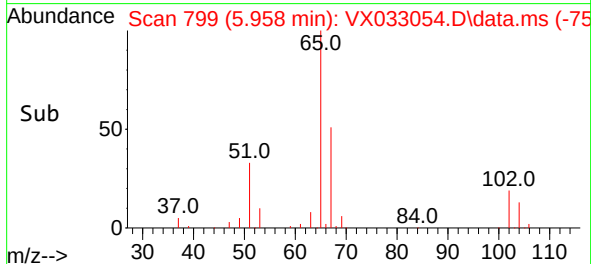
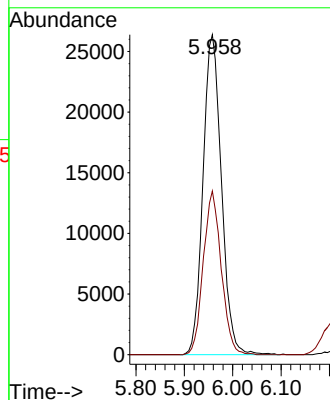
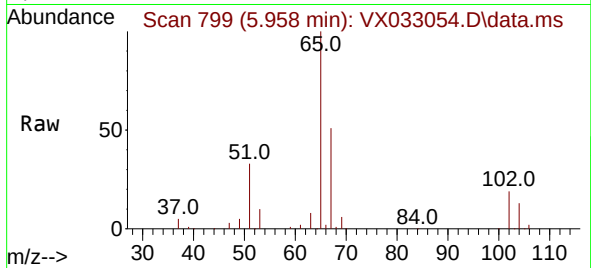




#33
 1,2-Dichloroethane-d4
 Concen: 55.149 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033054.D
 Acq: 24 Nov 2022 11:02

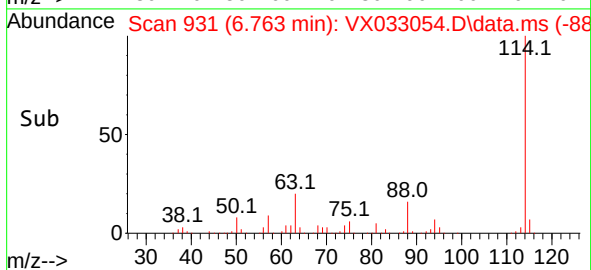
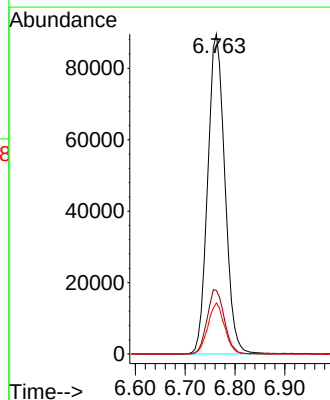
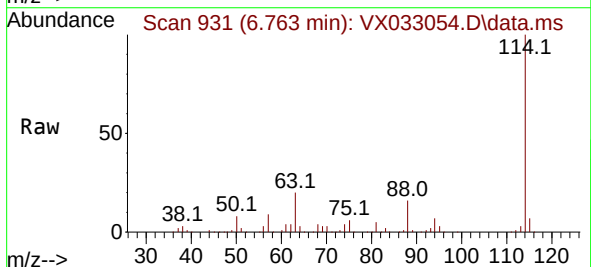
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

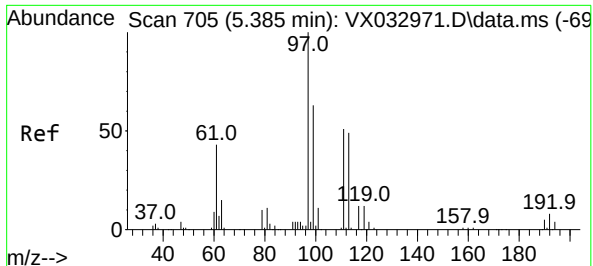
Tgt Ion: 65 Resp: 69859
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033054.D
 Acq: 24 Nov 2022 11:02

Tgt Ion: 114 Resp: 214116
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.886 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033054.D

Acq: 24 Nov 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

MW-29

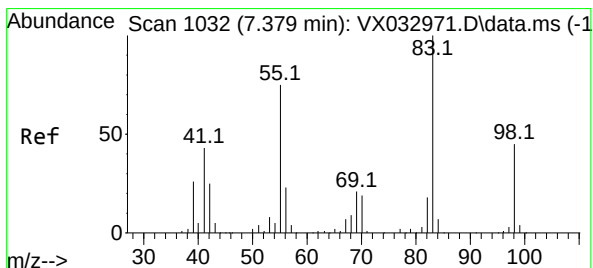
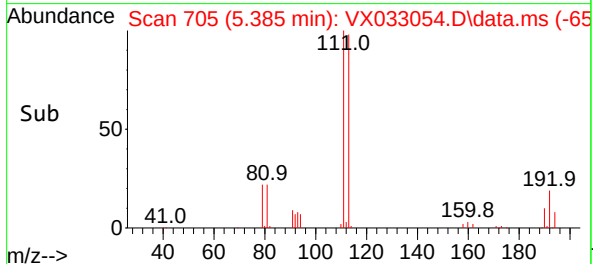
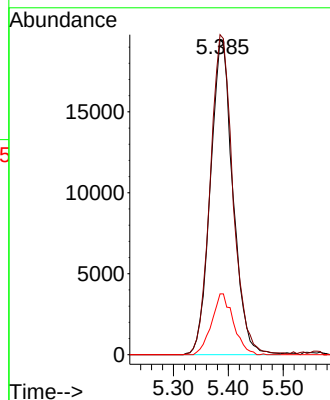
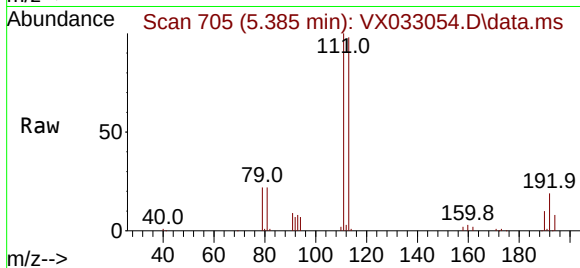
Tgt Ion:113 Resp: 55389

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 18.7 15.4 23.2



#39

Methylcyclohexane

Concen: 1.253 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.007 min

Lab File: VX033054.D

Acq: 24 Nov 2022 11:02

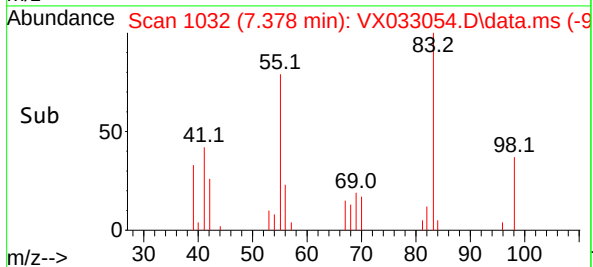
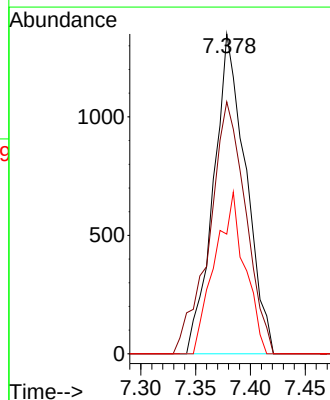
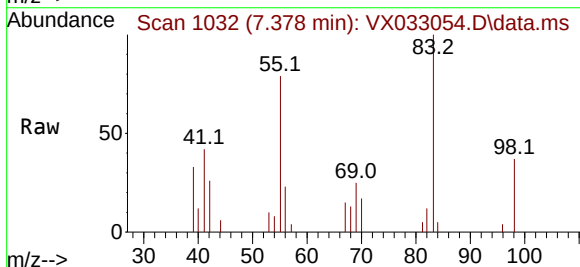
Tgt Ion: 83 Resp: 2760

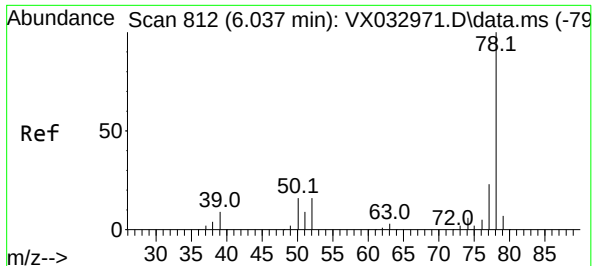
Ion Ratio Lower Upper

83 100

55 78.8 58.4 87.6

98 37.4 37.2 55.8

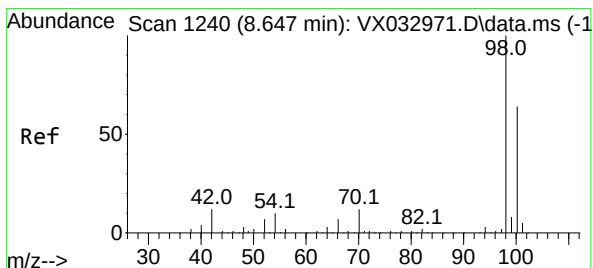
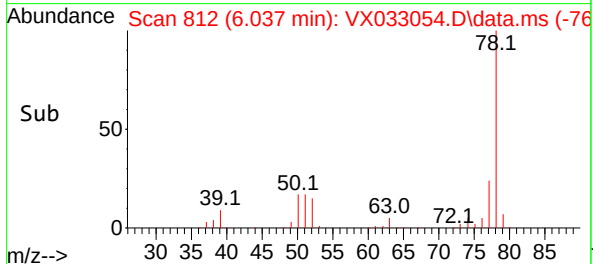
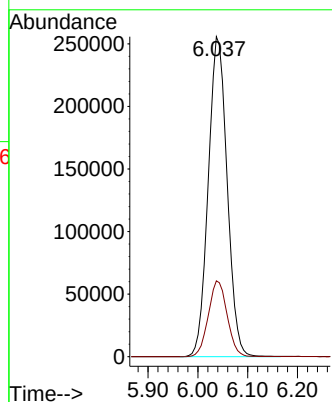
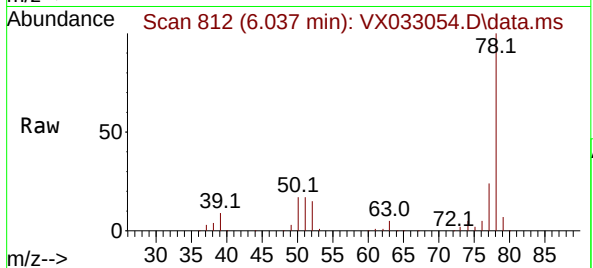




#40
Benzene
Concen: 124.282 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

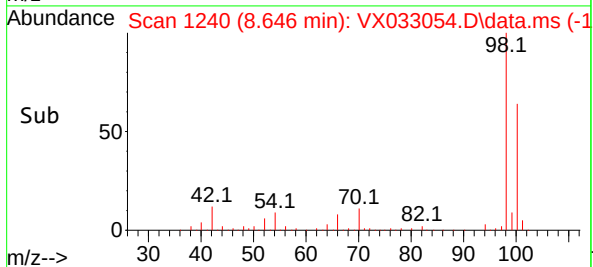
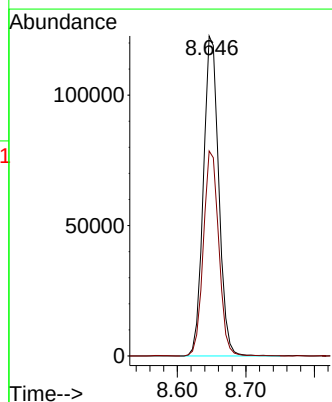
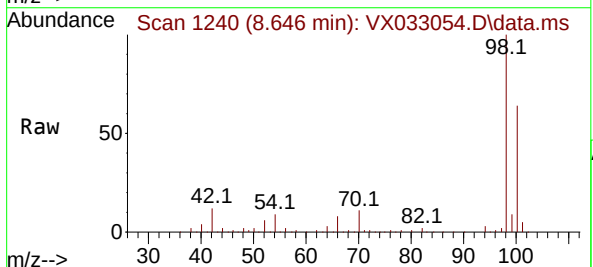
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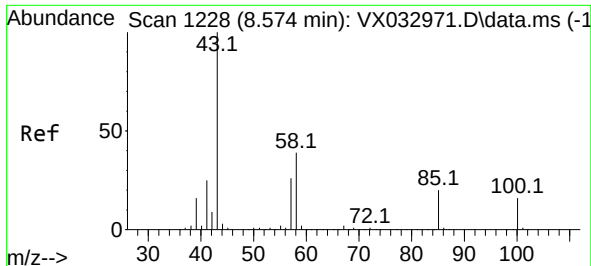
Tgt Ion: 78 Resp: 672563
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



#50
Toluene-d8
Concen: 52.805 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

Tgt Ion: 98 Resp: 191347
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

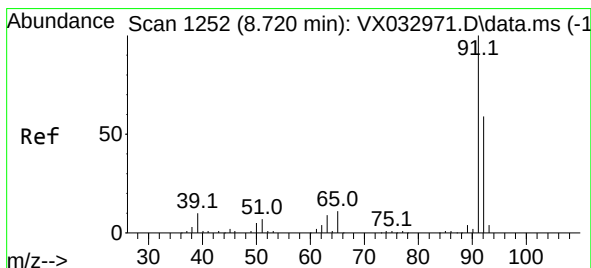
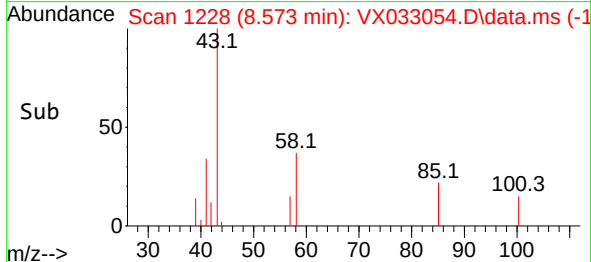
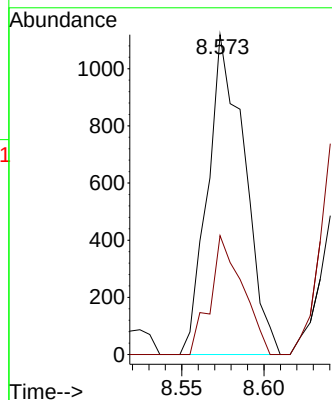
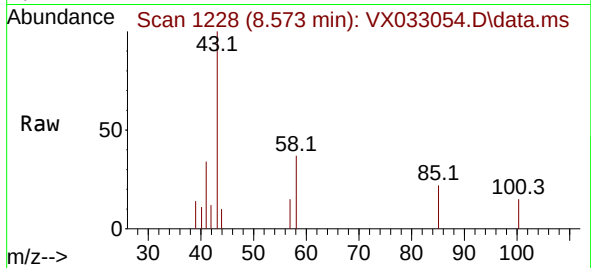




#51
4-Methyl-2-Pentanone
Concen: 1.013 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

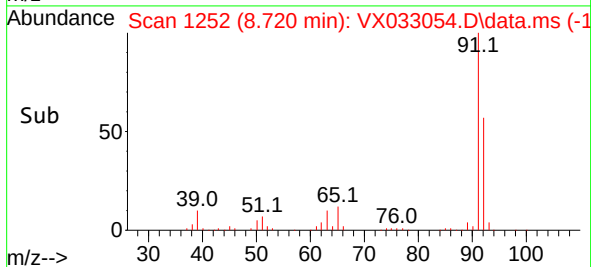
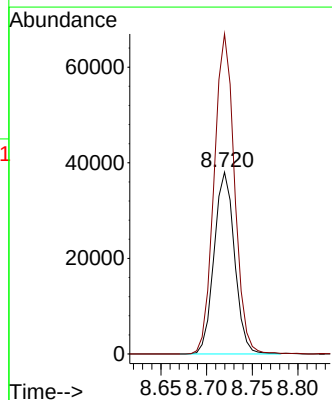
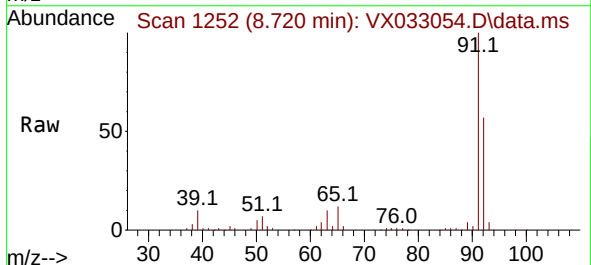
Instrument :
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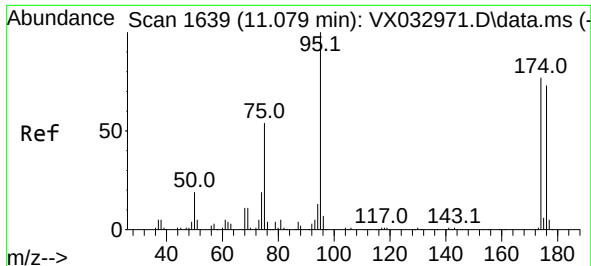
Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
58 32.7 30.9 46.3



#52
Toluene
Concen: 16.604 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

Tgt Ion: 92 Resp: 59114
Ion Ratio Lower Upper
92 100
91 176.2 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 44.703 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033054.D

Acq: 24 Nov 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

MW-29

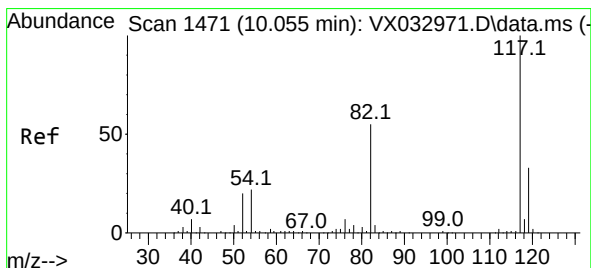
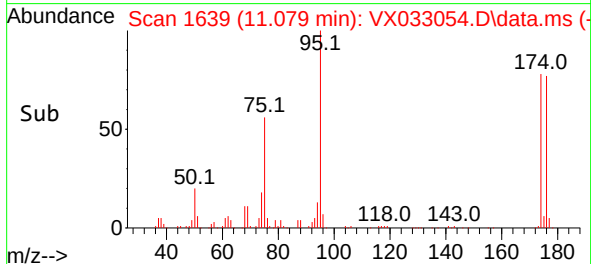
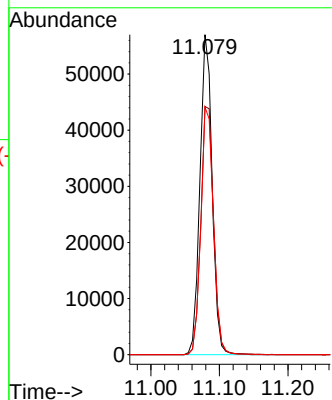
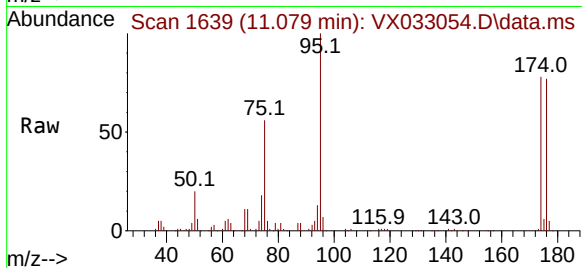
Tgt Ion: 95 Resp: 70884

Ion Ratio Lower Upper

95 100

174 81.2 0.0 164.0

176 79.9 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: VX033054.D

Acq: 24 Nov 2022 11:02

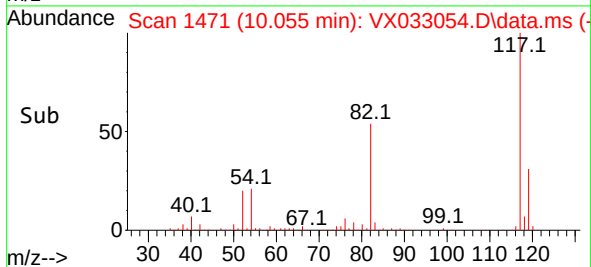
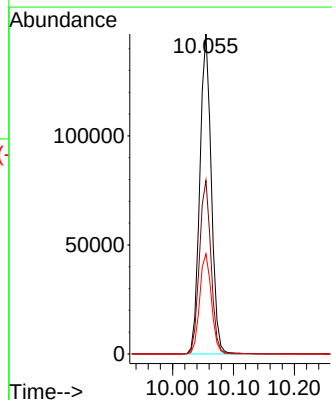
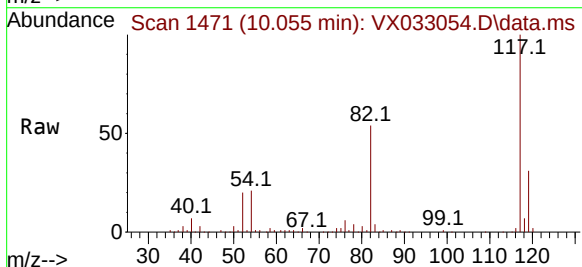
Tgt Ion: 117 Resp: 191904

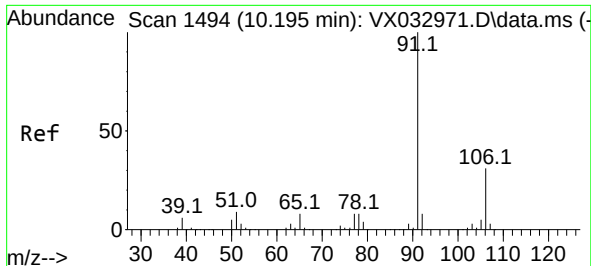
Ion Ratio Lower Upper

117 100

82 54.2 44.3 66.5

119 31.3 25.7 38.5





#67

Ethyl Benzene

Concen: 72.539 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033054.D

Acq: 24 Nov 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

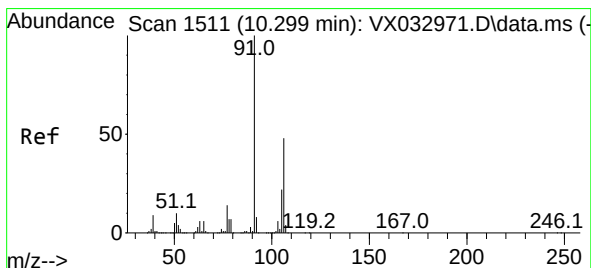
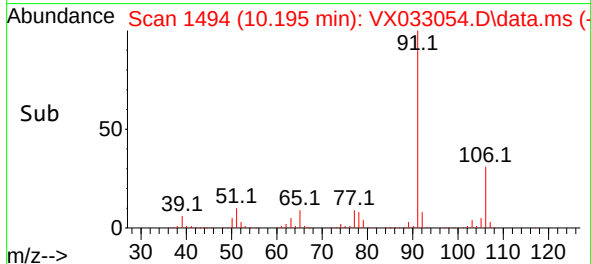
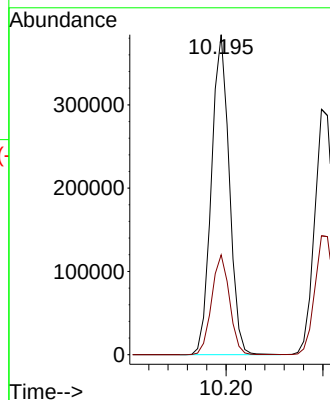
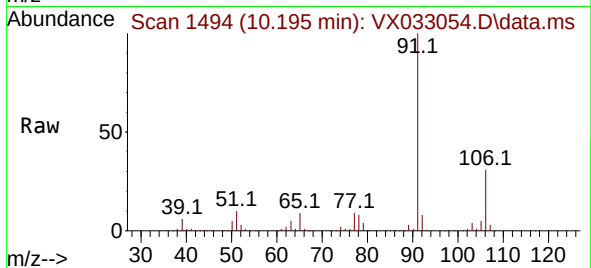
MW-29

Tgt Ion: 91 Resp: 492317

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 74.452 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX033054.D

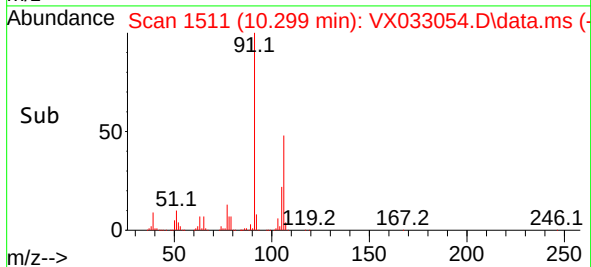
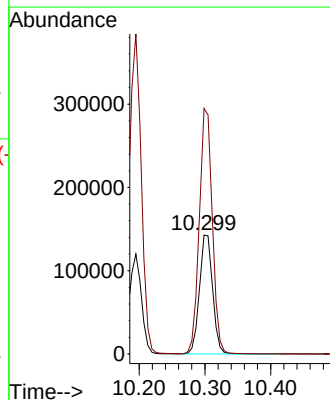
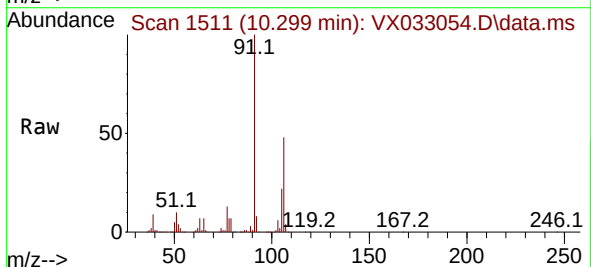
Acq: 24 Nov 2022 11:02

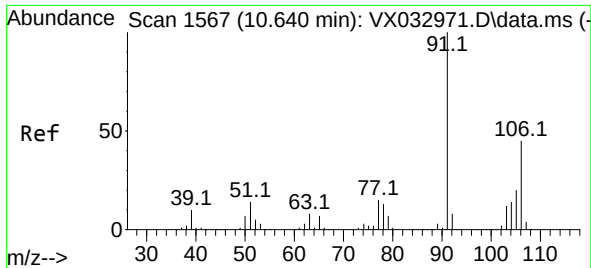
Tgt Ion: 106 Resp: 197872

Ion Ratio Lower Upper

106 100

91 204.9 164.5 246.7

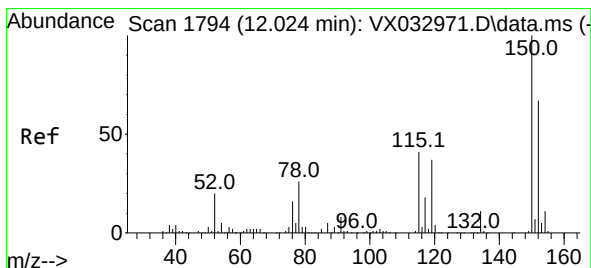
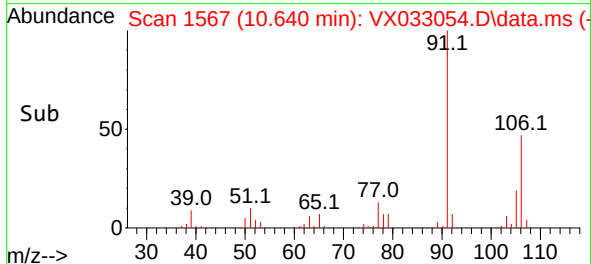
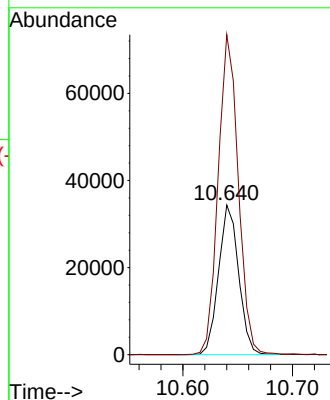
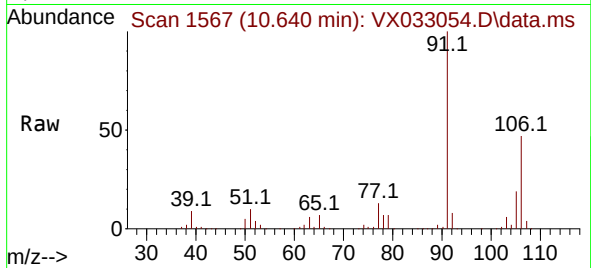




#69
o-Xylene
Concen: 17.051 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

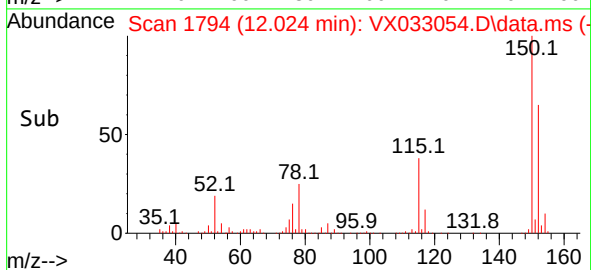
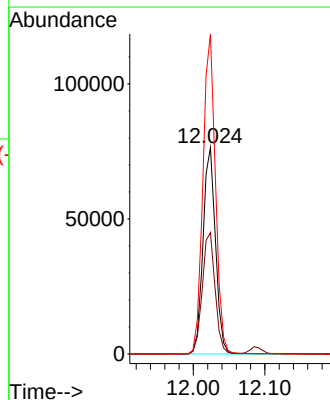
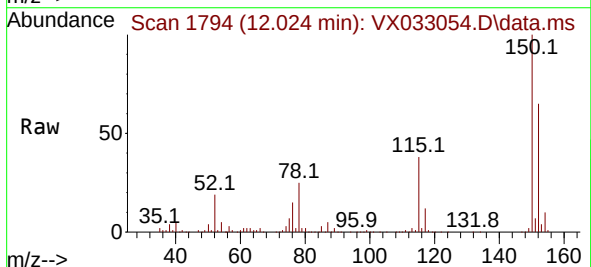
Instrument :
MSVOA_X
ClientSampleId :
MW-29

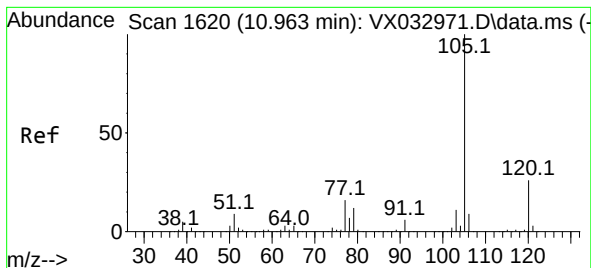
Tgt Ion:106 Resp: 43846
Ion Ratio Lower Upper
106 100
91 214.5 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

Tgt Ion:152 Resp: 92552
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 155.4 0.0 351.8





#73

Isopropylbenzene

Concen: 2.645 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033054.D

Acq: 24 Nov 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

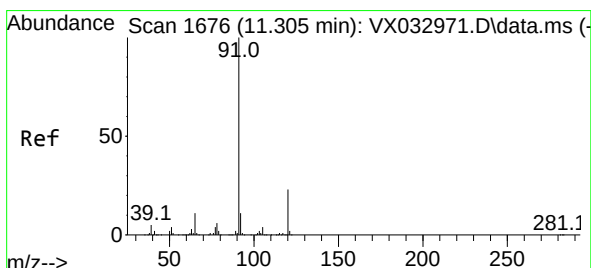
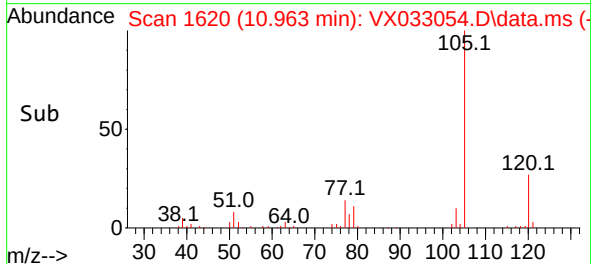
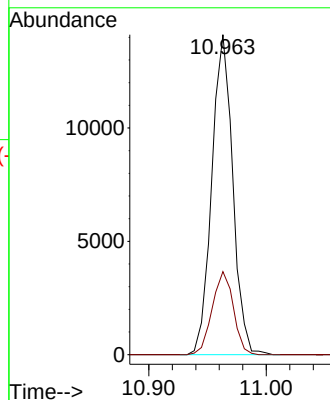
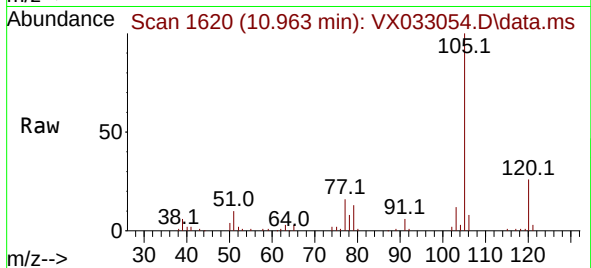
MW-29

Tgt Ion:105 Resp: 17490

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#78

n-propylbenzene

Concen: 4.806 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX033054.D

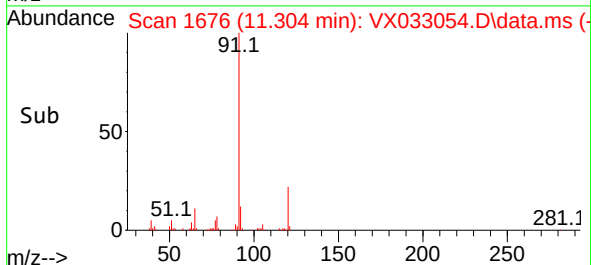
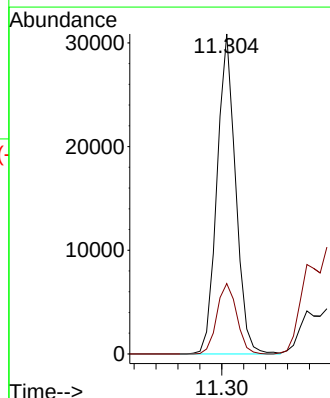
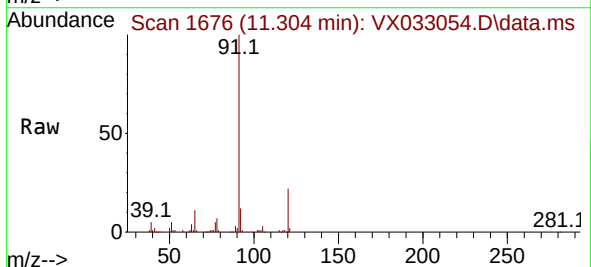
Acq: 24 Nov 2022 11:02

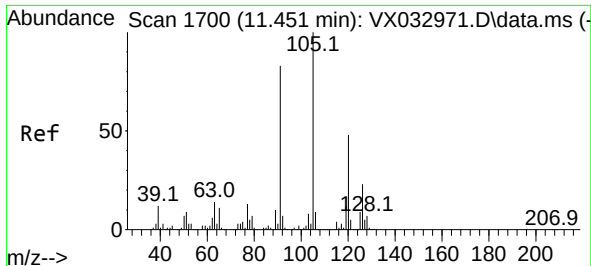
Tgt Ion: 91 Resp: 36341

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8

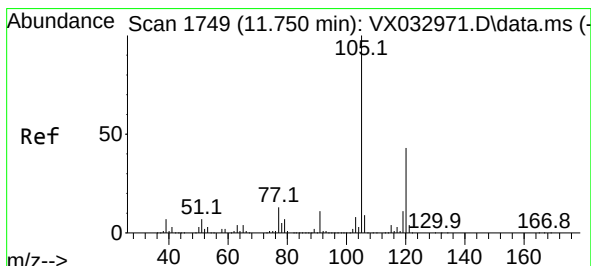
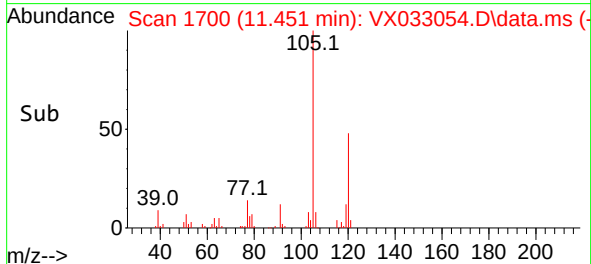
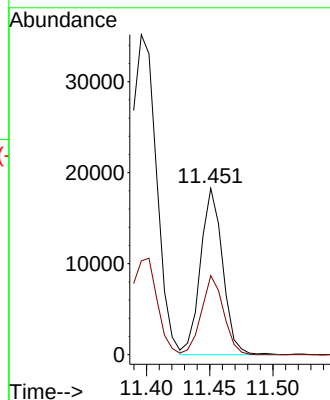
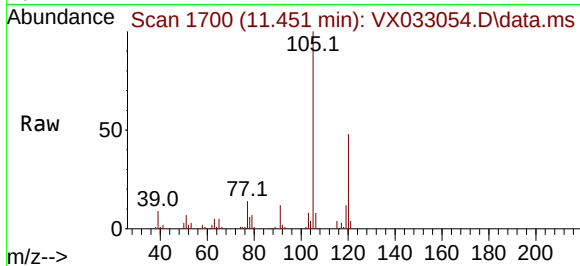




#80
1,3,5-Trimethylbenzene
Concen: 4.019 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion:105 Resp: 22331
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0



#84
1,2,4-Trimethylbenzene
Concen: 34.790 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VX033054.D
Acq: 24 Nov 2022 11:02

Tgt Ion:105 Resp: 192732
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.5

