

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033046.D
 Acq On : 24 Nov 2022 07:59
 Operator : JC/MD
 Sample : N5741-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

Quant Time: Nov 25 06:38:24 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)

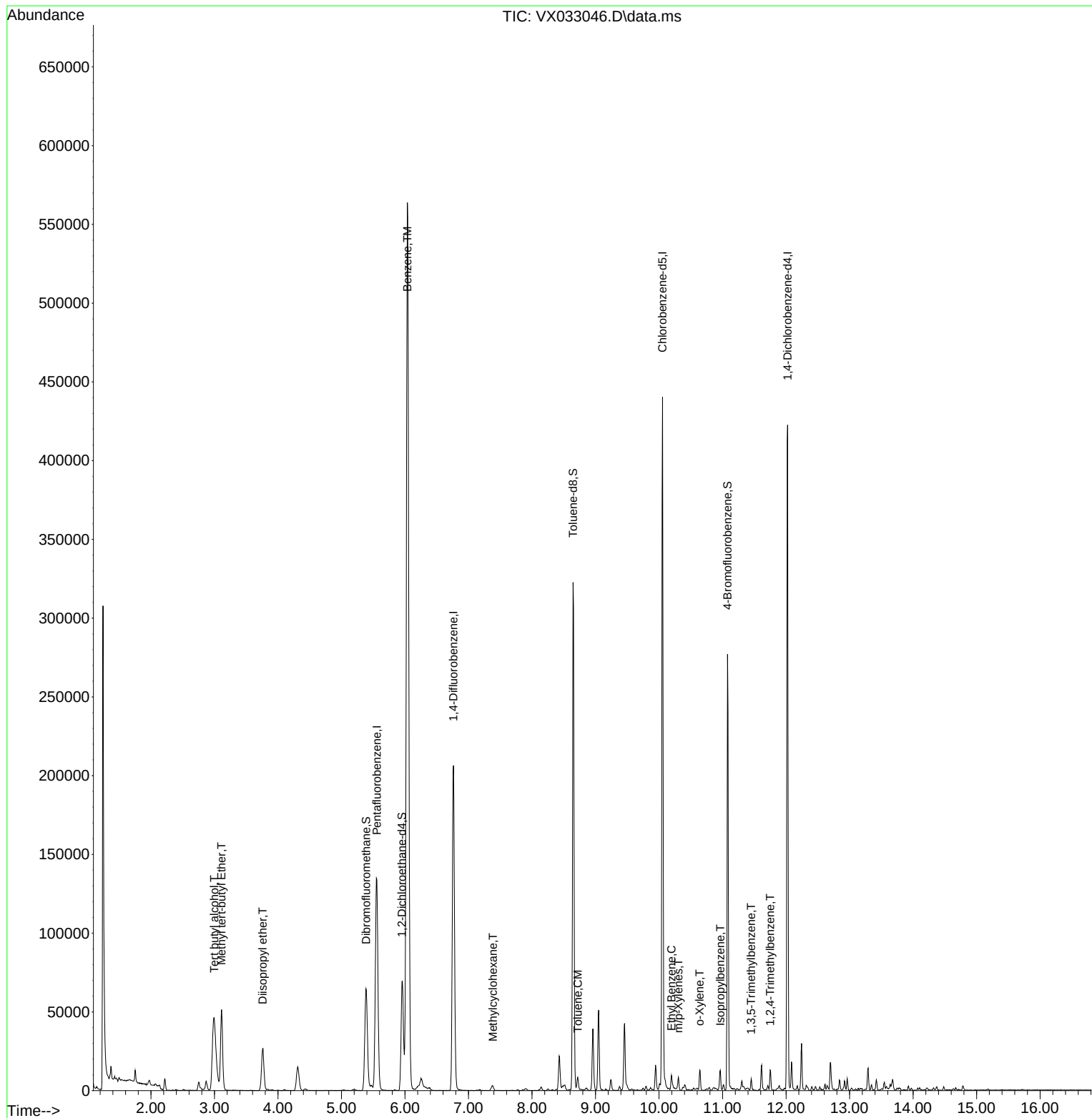
Internal Standards						
1) Pentafluorobenzene	5.556	168	129620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70553	56.085	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.160%			
35) Dibromofluoromethane	5.385	113	56861	47.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.840%			
50) Toluene-d8	8.647	98	193169	53.699	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.400%			
62) 4-Bromofluorobenzene	11.079	95	70314	44.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.280%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	97062	485.067	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	53483	13.633	ug/l #	90
22) Diisopropyl ether	3.757	45	27596	6.940	ug/l #	86
39) Methylcyclohexane	7.385	83	1506	0.688	ug/l	97
40) Benzene	6.037	78	672903	125.172	ug/l	100
52) Toluene	8.720	92	2547	0.720	ug/l	93
67) Ethyl Benzene	10.195	91	5998	0.894	ug/l	94
68) m/p-Xylenes	10.305	106	1809	0.688	ug/l	99
69) o-Xylene	10.640	106	2669	1.050	ug/l	95
73) Isopropylbenzene	10.963	105	6092	0.957	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3362	0.629	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	6060	1.137	ug/l	98

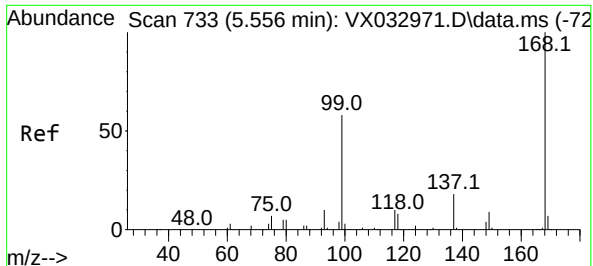
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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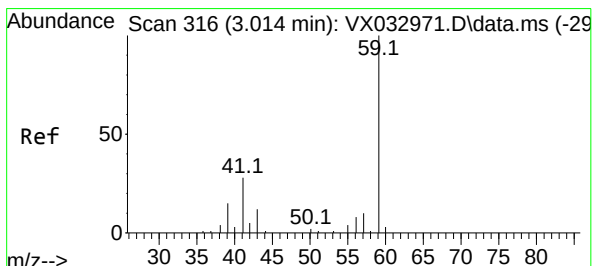
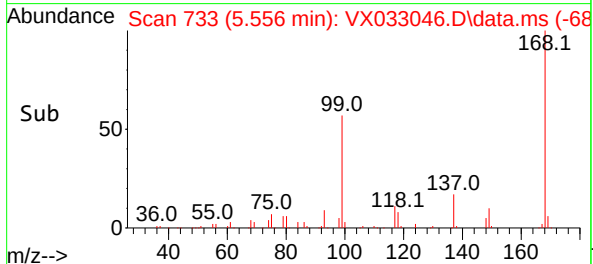
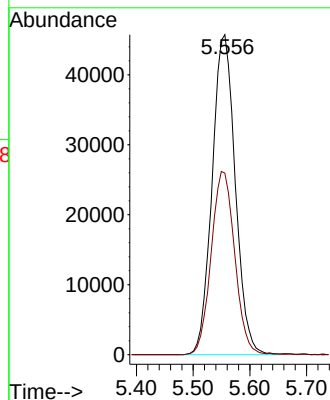
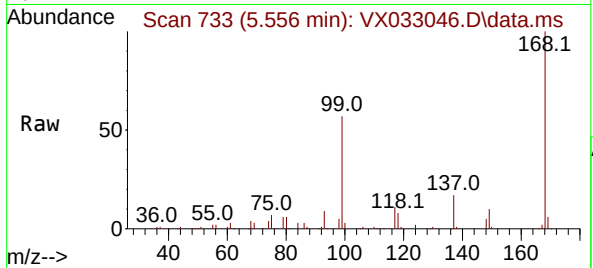




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

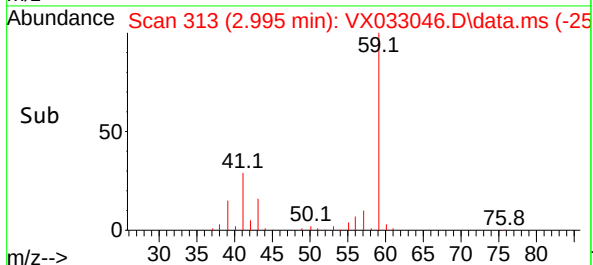
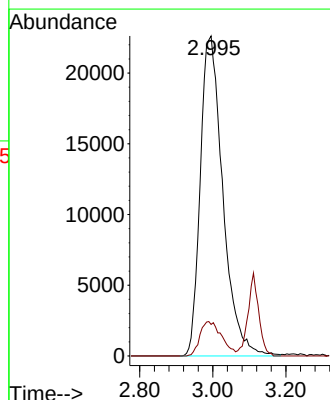
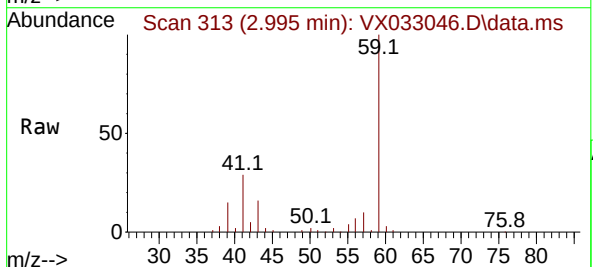
Instrument :
MSVOA_X
ClientSampleId :
MW-40

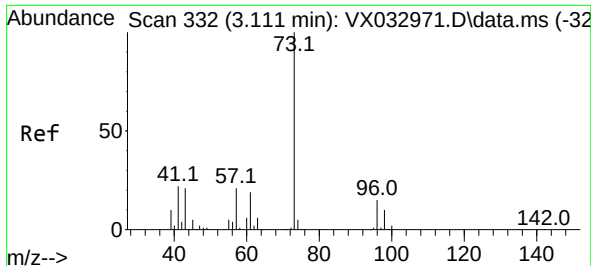
Tgt Ion:168 Resp: 129620
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 485.067 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

Tgt Ion: 59 Resp: 97062
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

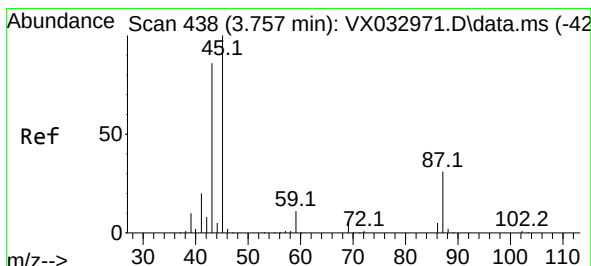
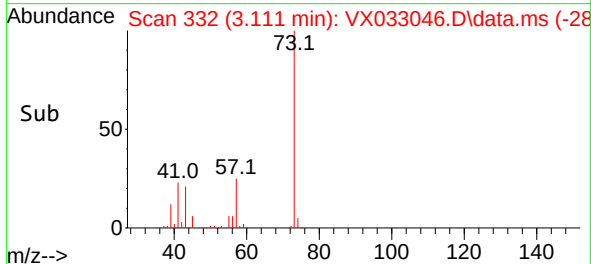
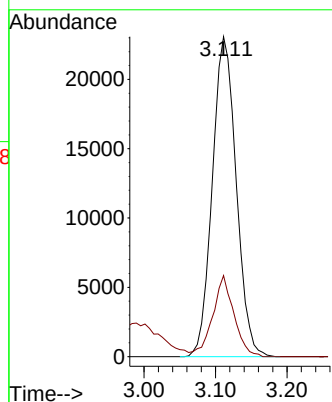
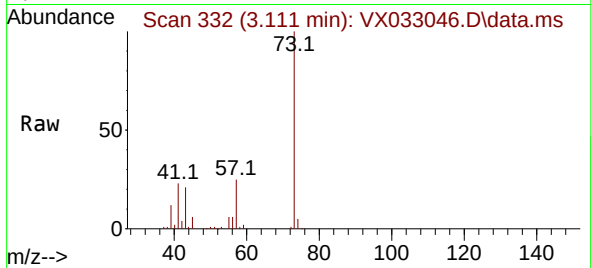




#19
Methyl tert-butyl Ether
Concen: 13.633 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

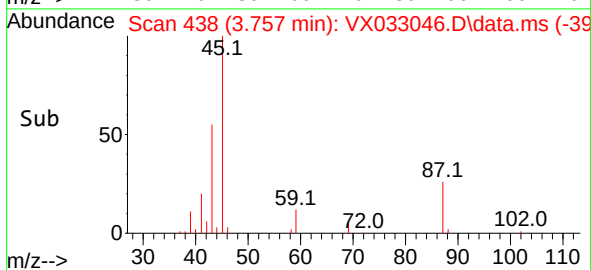
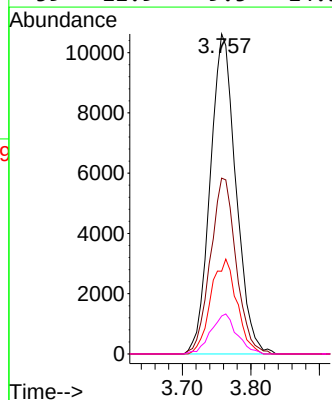
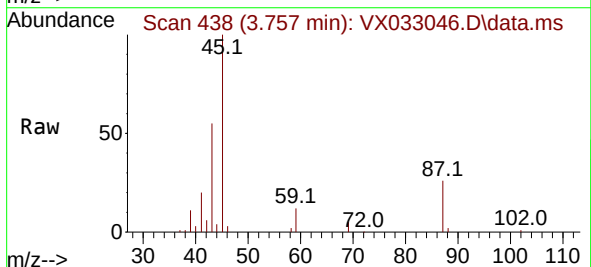
Instrument :
MSVOA_X
ClientSampleId :
MW-40

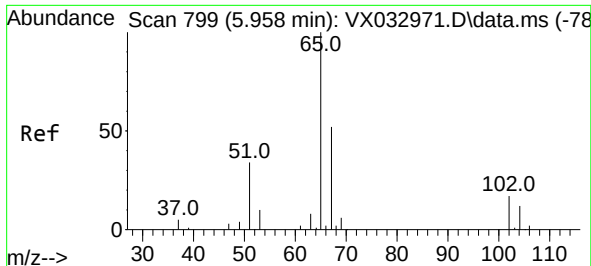
Tgt Ion: 73 Resp: 53483
Ion Ratio Lower Upper
73 100
57 25.4 16.6 25.0#



#22
Diisopropyl ether
Concen: 6.940 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

Tgt Ion: 45 Resp: 27596
Ion Ratio Lower Upper
45 100
43 54.9 56.4 84.6#
87 25.8 24.4 36.6
59 11.9 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 56.085 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033046.D

Acq: 24 Nov 2022 07:59

Instrument :

MSVOA_X

ClientSampleId :

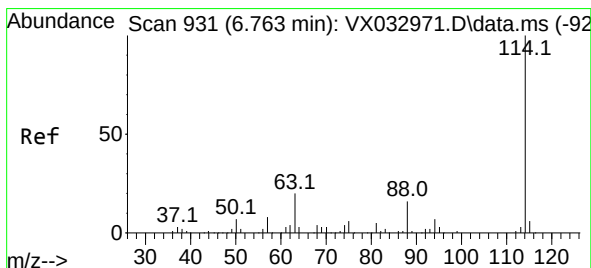
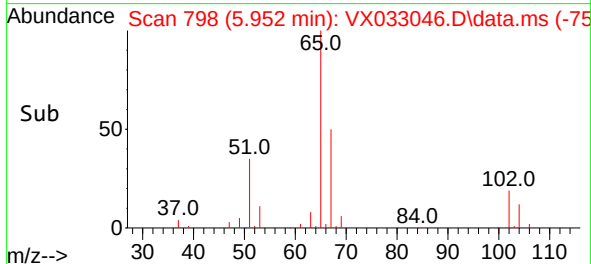
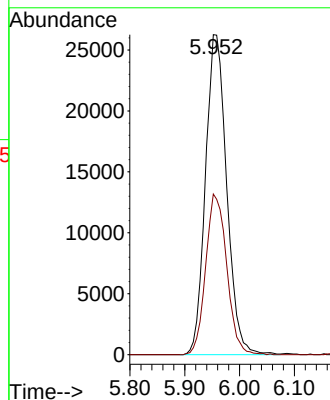
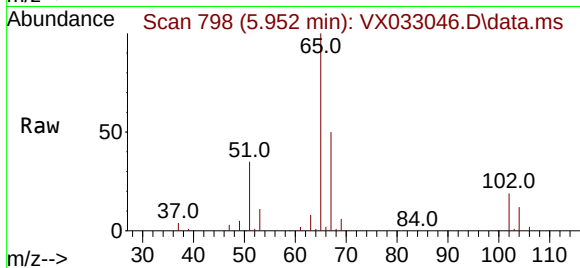
MW-40

Tgt Ion: 65 Resp: 70553

Ion Ratio Lower Upper

65 100

67 49.7 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: VX033046.D

Acq: 24 Nov 2022 07:59

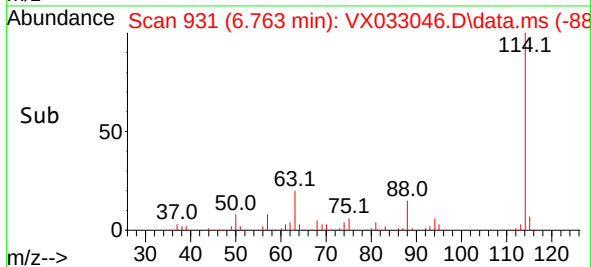
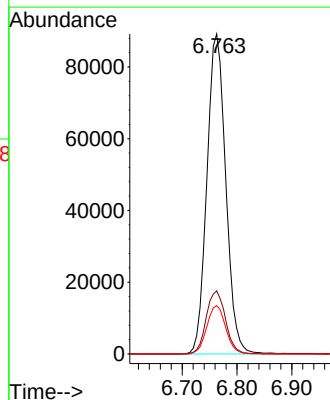
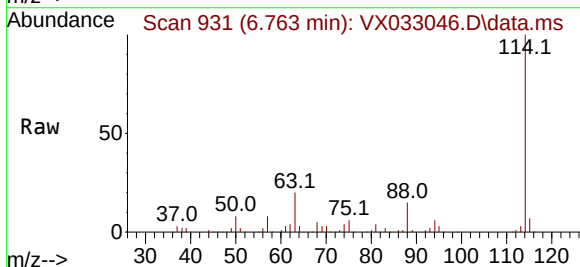
Tgt Ion: 114 Resp: 212701

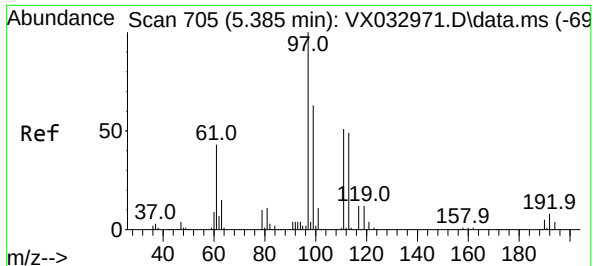
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.1 0.0 33.4

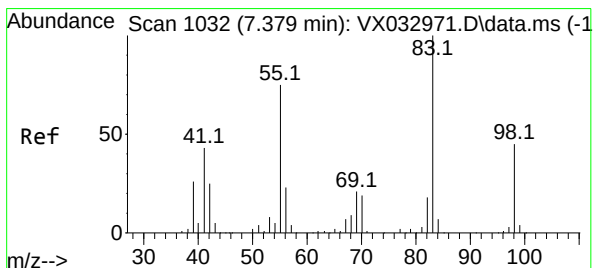
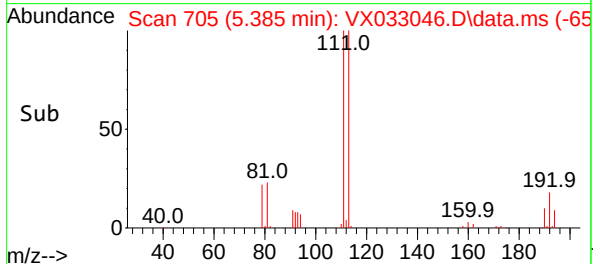
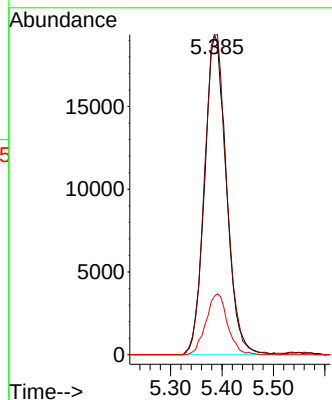
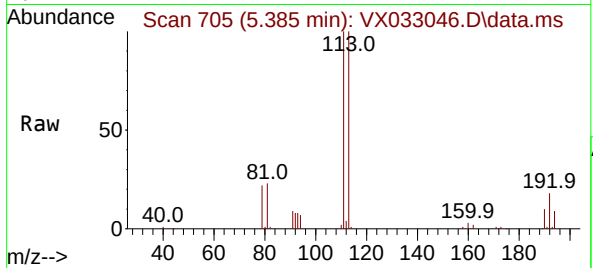




#35
Dibromofluoromethane
Concen: 47.419 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

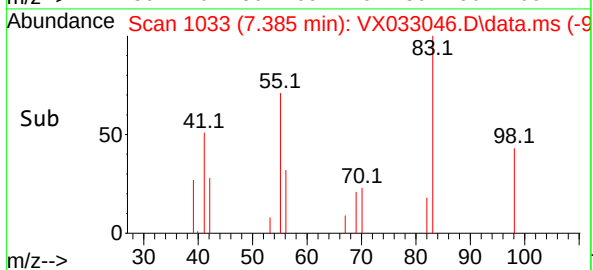
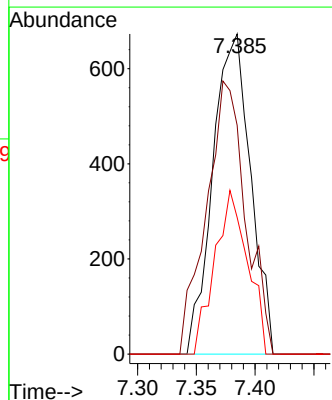
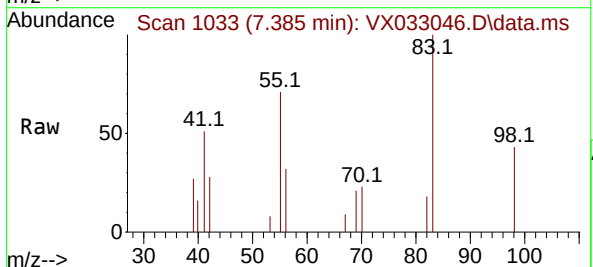
Instrument :
MSVOA_X
ClientSampleId :
MW-40

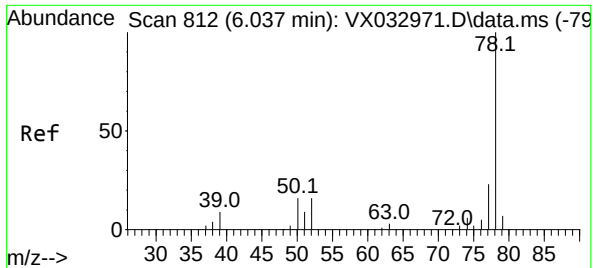
Tgt Ion:113 Resp: 56861
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 18.8 15.4 23.2



#39
Methylcyclohexane
Concen: 0.688 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

Tgt Ion: 83 Resp: 1506
Ion Ratio Lower Upper
83 100
55 71.5 58.4 87.6
98 42.6 37.2 55.8

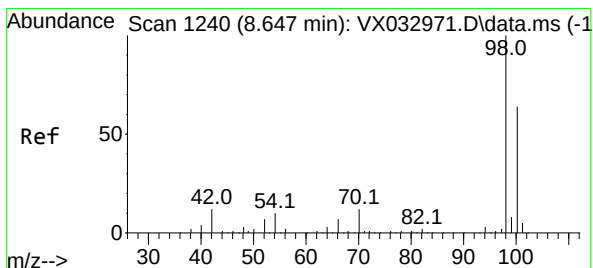
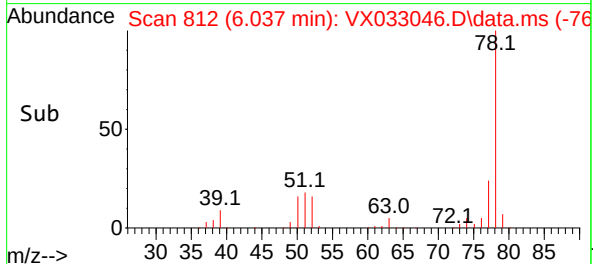
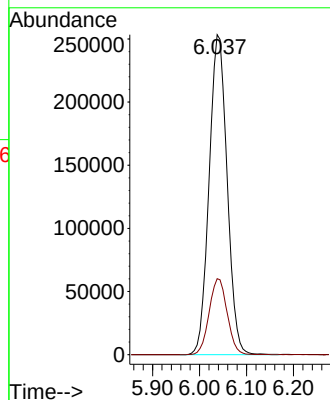
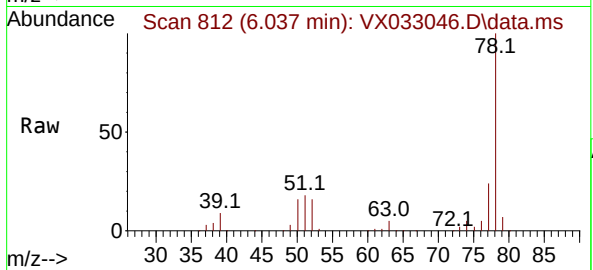




#40
Benzene
Concen: 125.172 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

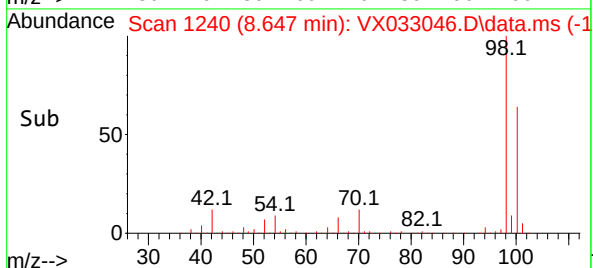
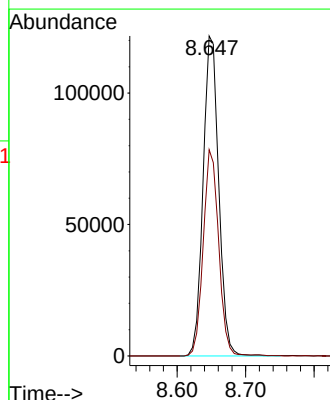
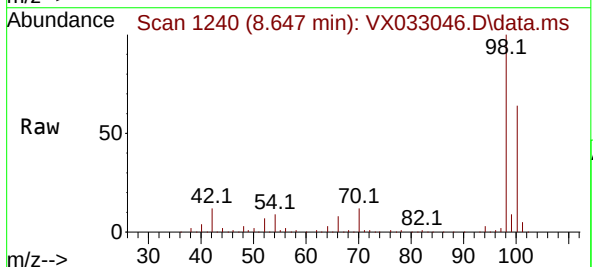
Instrument :
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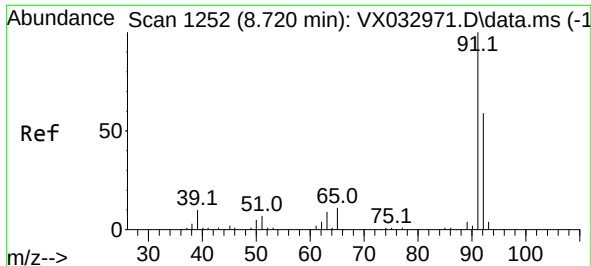
Tgt Ion: 78 Resp: 672903
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



#50
Toluene-d8
Concen: 53.699 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

Tgt Ion: 98 Resp: 193169
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

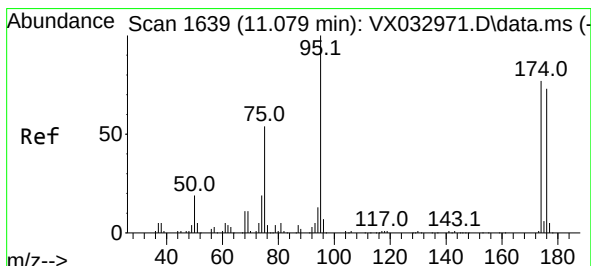
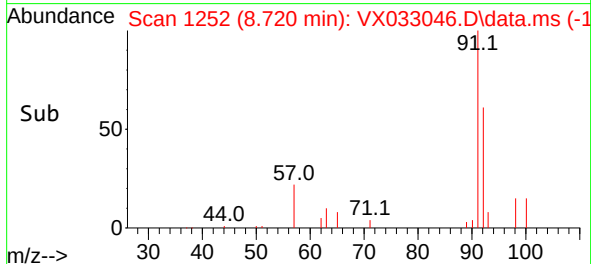
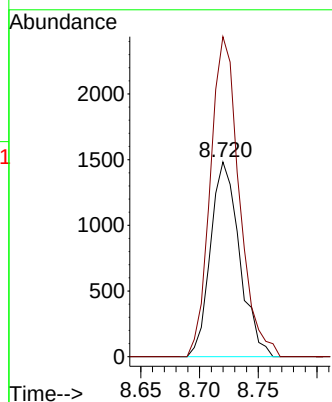
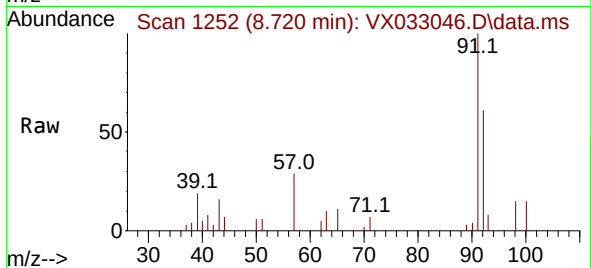




#52
Toluene
Concen: 0.720 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

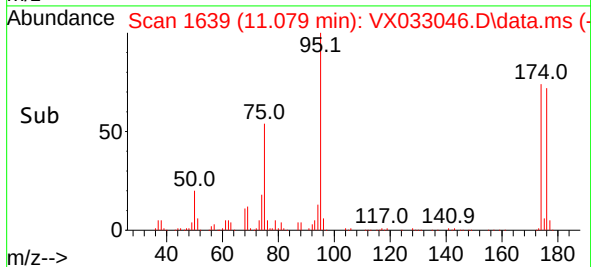
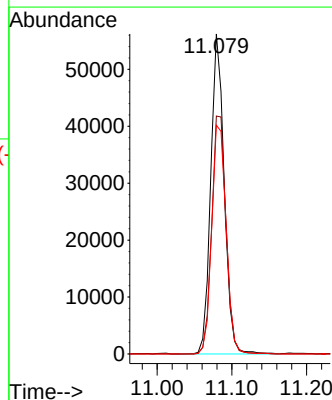
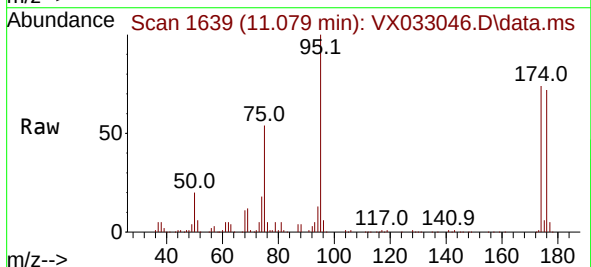
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MSVOA_X
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MW-40

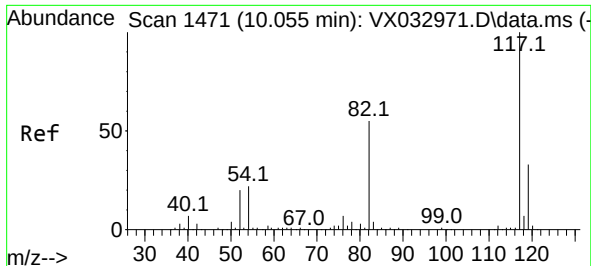
Tgt Ion: 92 Resp: 2547
Ion Ratio Lower Upper
92 100
91 163.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 44.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

Tgt Ion: 95 Resp: 70314
Ion Ratio Lower Upper
95 100
174 79.6 0.0 164.0
176 76.5 0.0 154.4

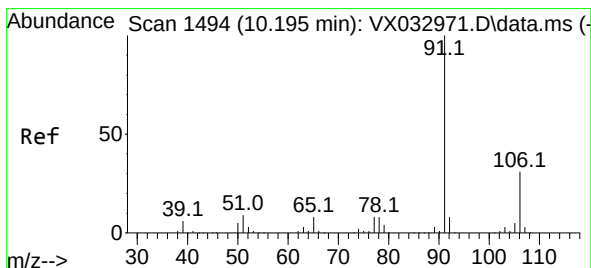
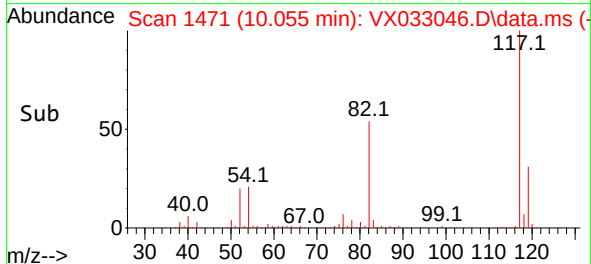
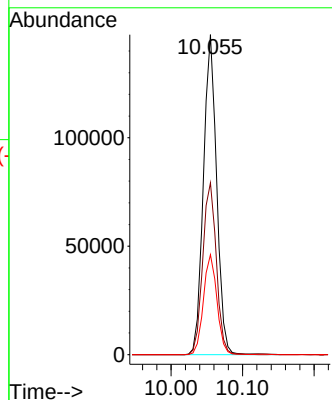
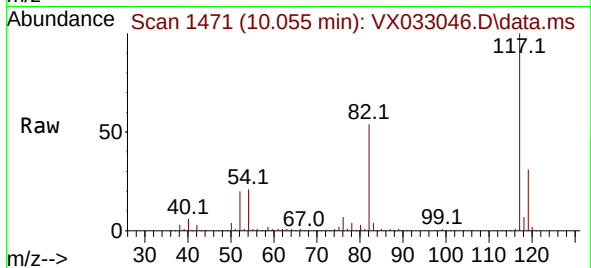




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

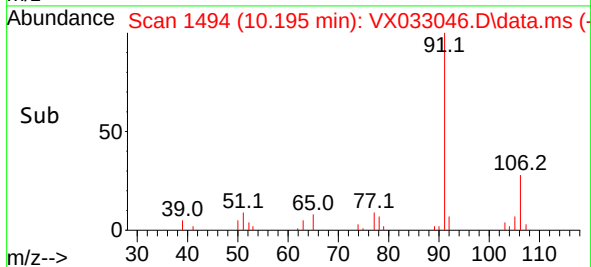
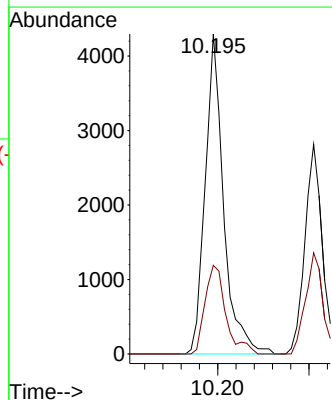
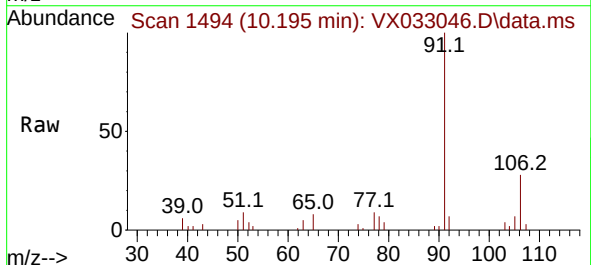
Instrument :
MSVOA_X
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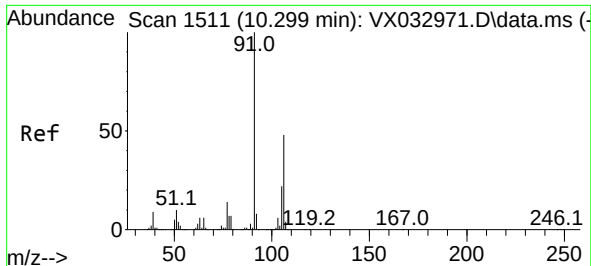
Tgt Ion:117 Resp: 189738
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 31.3 25.7 38.5



#67
Ethyl Benzene
Concen: 0.894 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

Tgt Ion: 91 Resp: 5998
Ion Ratio Lower Upper
91 100
106 27.7 25.0 37.6

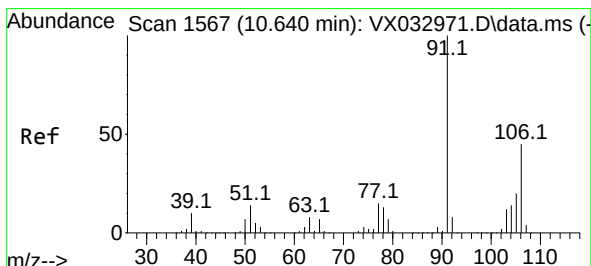
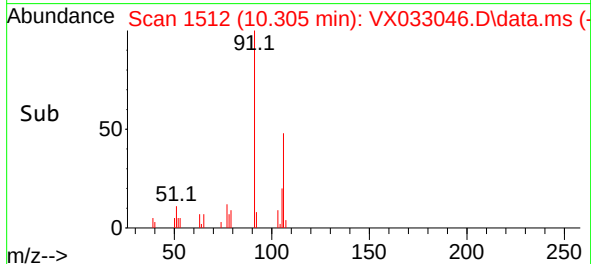
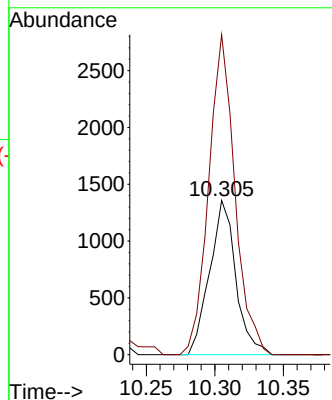
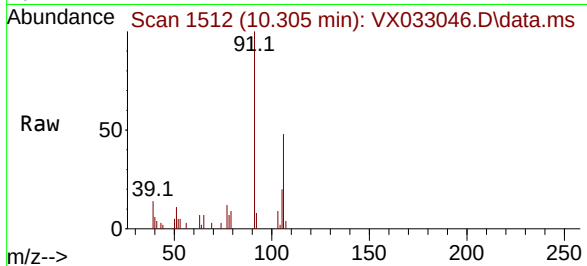




#68
m/p-Xylenes
Concen: 0.688 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

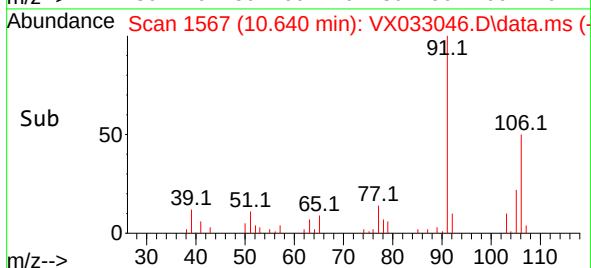
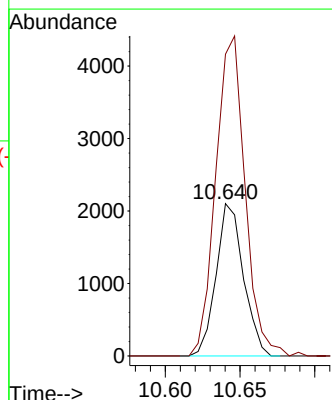
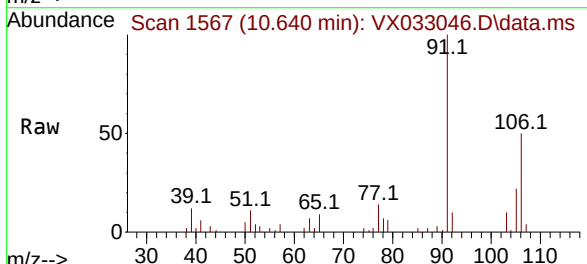
Instrument :
MSVOA_X
ClientSampleId :
MW-40

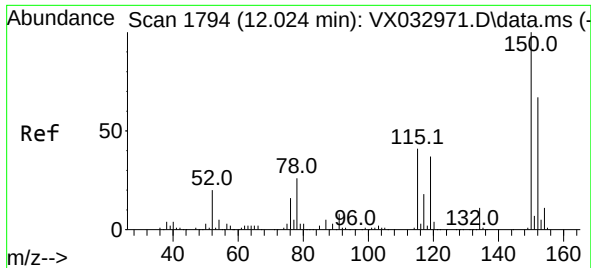
Tgt Ion:106 Resp: 1809
Ion Ratio Lower Upper
106 100
91 207.1 164.5 246.7



#69
o-Xylene
Concen: 1.050 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

Tgt Ion:106 Resp: 2669
Ion Ratio Lower Upper
106 100
91 225.9 109.2 327.6

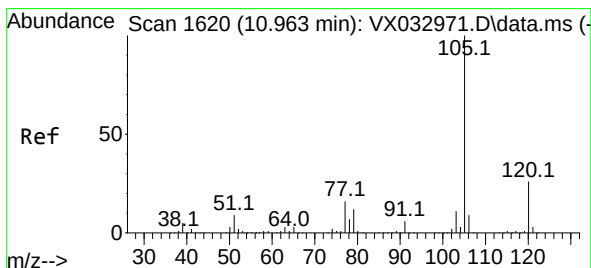
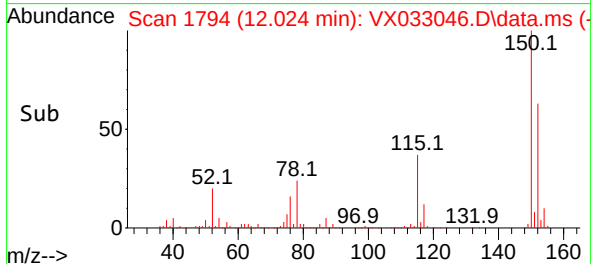
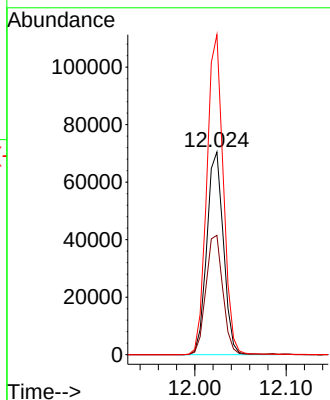
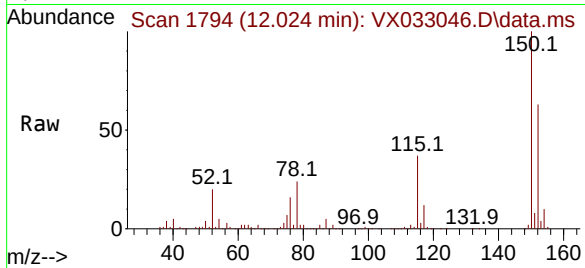




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

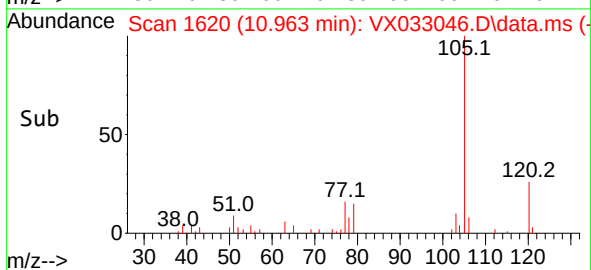
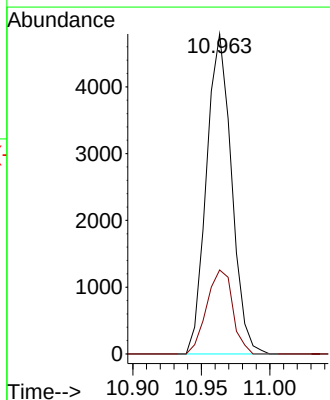
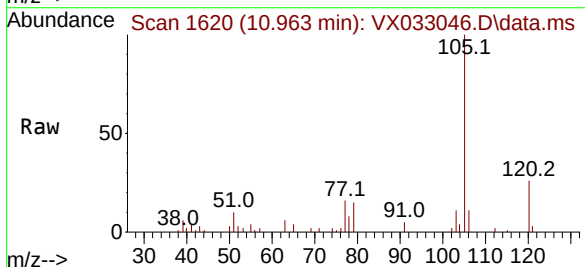
Instrument :
MSVOA_X
ClientSampleId :
MW-40

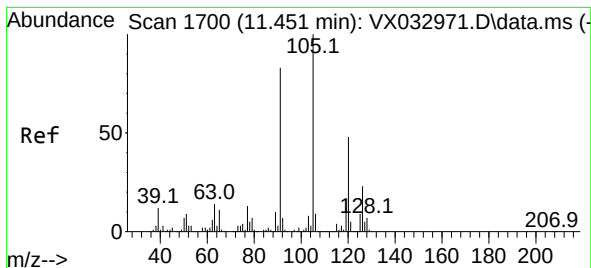
Tgt Ion:152 Resp: 89077
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 156.5 0.0 351.8



#73
Isopropylbenzene
Concen: 0.957 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033046.D
Acq: 24 Nov 2022 07:59

Tgt Ion:105 Resp: 6092
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.3





#80

1,3,5-Trimethylbenzene

Concen: 0.629 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033046.D

Acq: 24 Nov 2022 07:59

Instrument :

MSVOA_X

ClientSampleId :

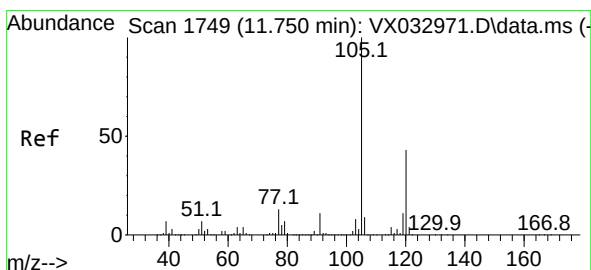
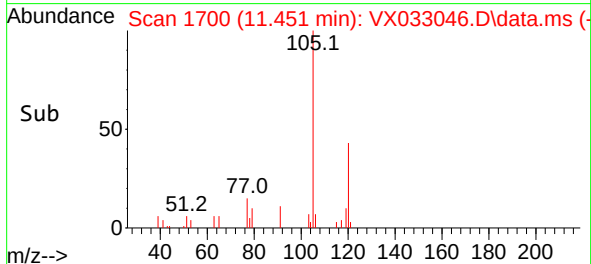
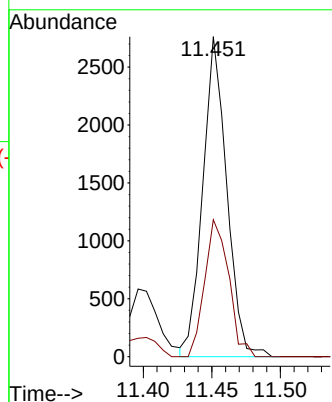
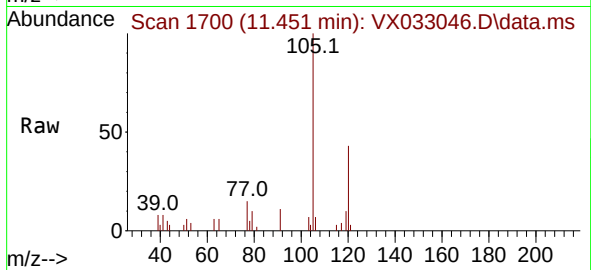
MW-40

Tgt Ion:105 Resp: 3362

Ion Ratio Lower Upper

105 100

120 43.0 23.6 71.0



#84

1,2,4-Trimethylbenzene

Concen: 1.137 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033046.D

Acq: 24 Nov 2022 07:59

Tgt Ion:105 Resp: 6060

Ion Ratio Lower Upper

105 100

120 42.1 21.9 65.5

