

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032606.D
 Acq On : 05 Nov 2022 05:33
 Operator : JC/MD
 Sample : N5483-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10R

Quant Time: Nov 07 05:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	112443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77886	49.851	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.700%
35) Dibromofluoromethane	5.385	113	60274	45.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.220%
50) Toluene-d8	8.653	98	226273	48.703	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	90668	49.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.920%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.476	56	6523	3.443	ug/l #	84
39) Methylcyclohexane	7.385	83	8634	3.922	ug/l	89
40) Benzene	6.043	78	32986	6.265	ug/l	96
52) Toluene	8.726	92	3466	1.009	ug/l	93
67) Ethyl Benzene	10.195	91	960073	141.349	ug/l	100
68) m/p-Xylenes	10.305	106	17669	6.699	ug/l	98
69) o-Xylene	10.640	106	4248	1.657	ug/l	90
73) Isopropylbenzene	10.963	105	130362	20.232	ug/l	100
78) n-propylbenzene	11.305	91	290183	39.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	13747	2.496	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	34846	6.362	ug/l	98
85) sec-Butylbenzene	11.890	105	17728	2.680	ug/l	96
86) p-Isopropyltoluene	12.012	119	2790	0.497	ug/l #	72
89) n-Butylbenzene	12.335	91	21185	4.338	ug/l #	70
95) Naphthalene	13.774	128	588468	92.184	ug/l	100

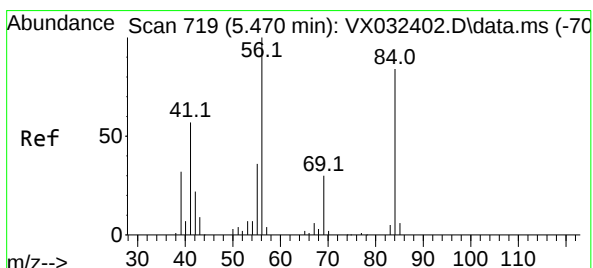
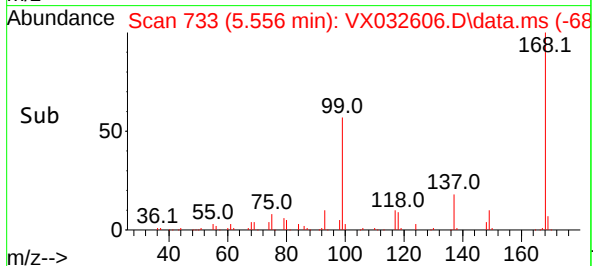
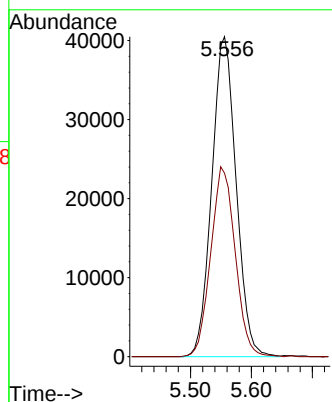
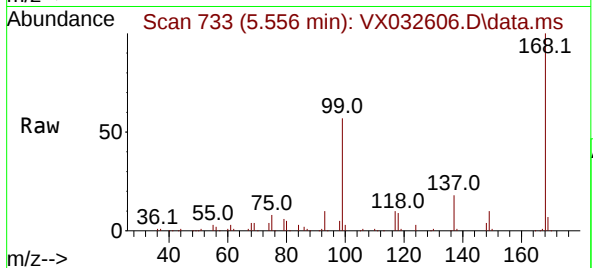
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

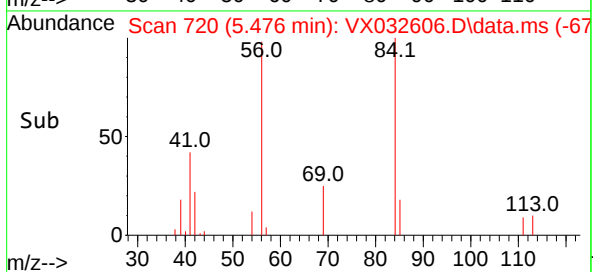
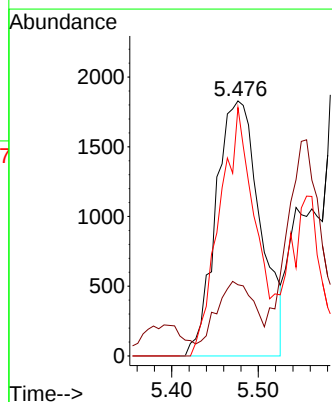
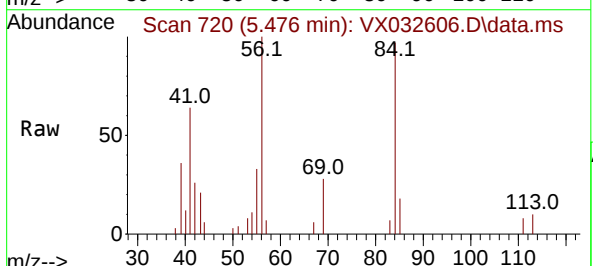
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

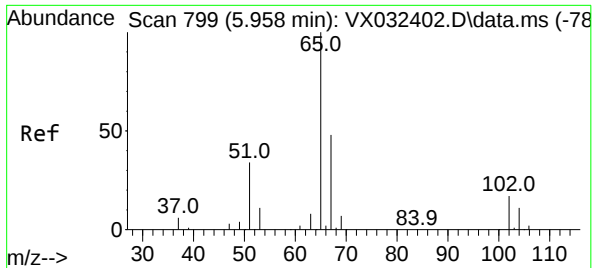
Tgt Ion:168 Resp: 112443
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#31
Cyclohexane
Concen: 3.443 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

Tgt Ion: 56 Resp: 6523
Ion Ratio Lower Upper
56 100
69 20.1 24.1 36.1#
84 97.4 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 49.851 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032606.D

Acq: 05 Nov 2022 05:33

Instrument :

MSVOA_X

ClientSampleId :

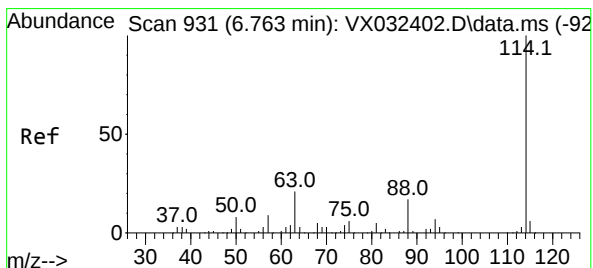
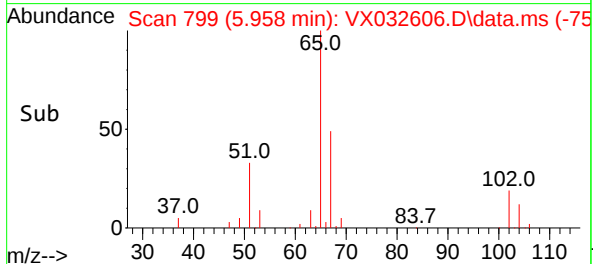
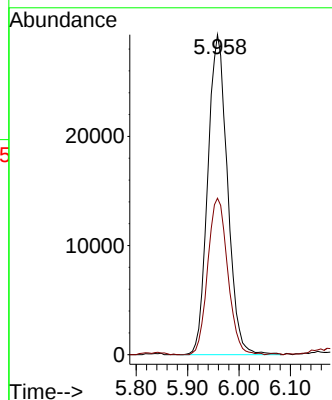
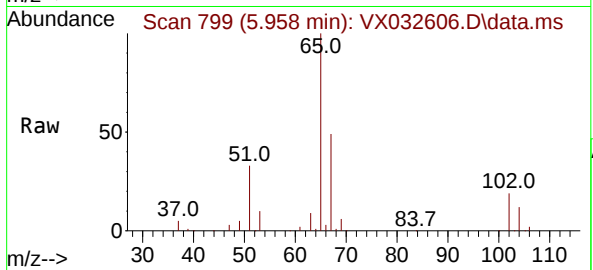
MW-10R

Tgt Ion: 65 Resp: 77886

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: VX032606.D

Acq: 05 Nov 2022 05:33

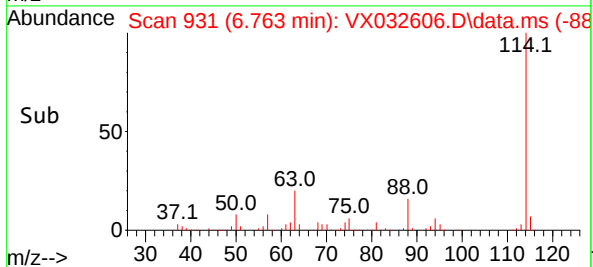
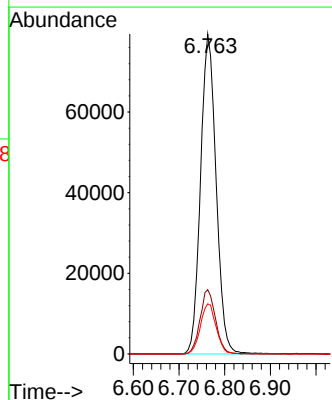
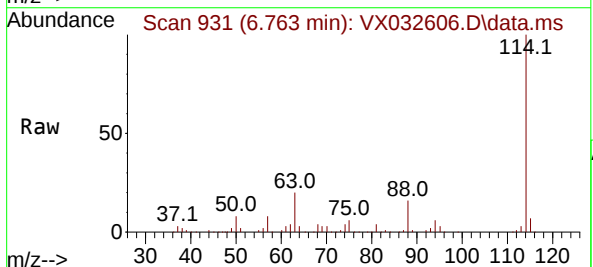
Tgt Ion: 114 Resp: 187313

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 15.7 0.0 33.4

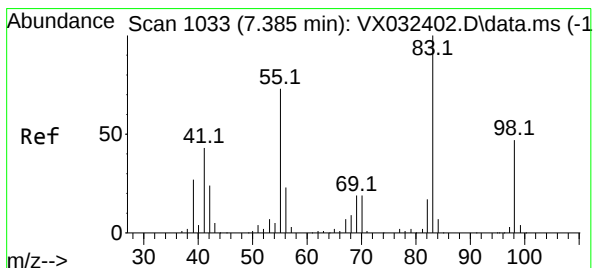
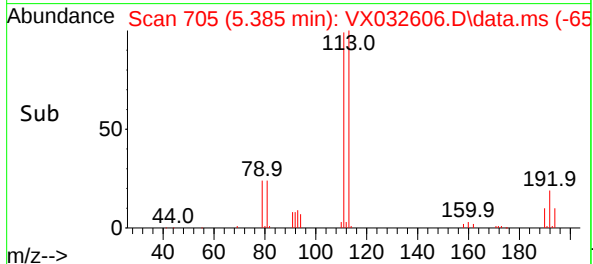
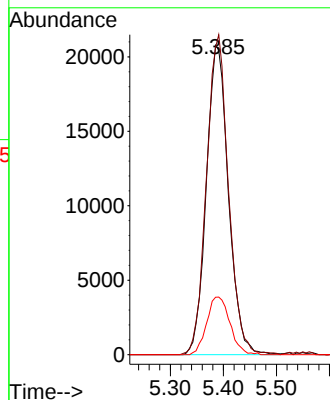
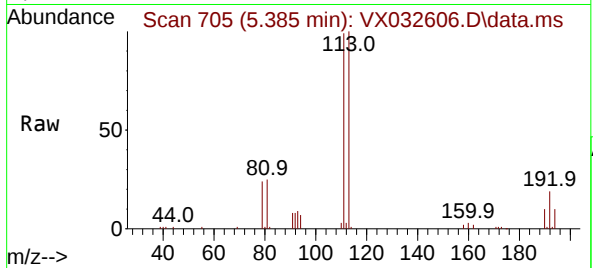




#35
Dibromofluoromethane
Concen: 45.111 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

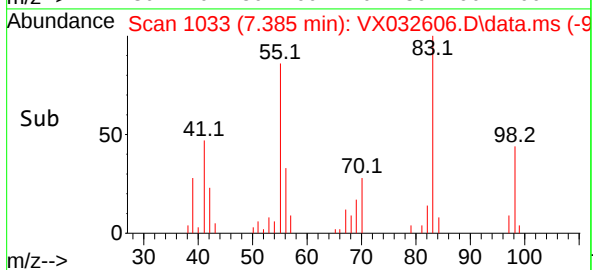
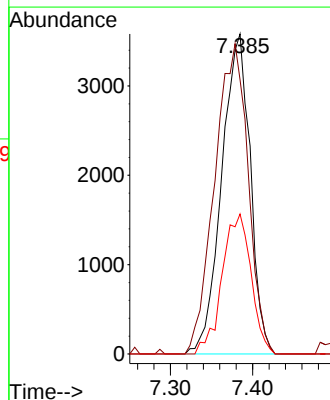
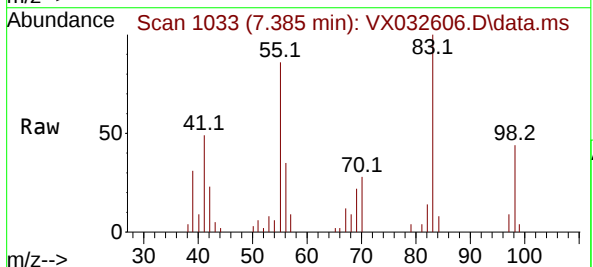
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

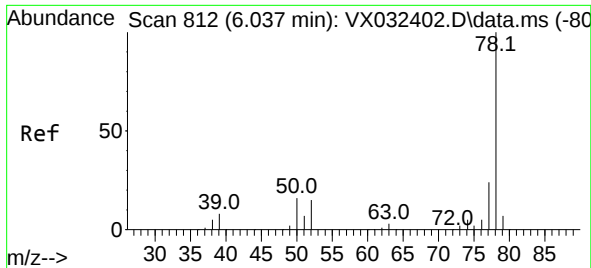
Tgt Ion:113 Resp: 60274
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.5 15.4 23.2



#39
Methylcyclohexane
Concen: 3.922 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

Tgt Ion: 83 Resp: 8634
Ion Ratio Lower Upper
83 100
55 85.7 58.4 87.6
98 43.7 37.2 55.8





#40

Benzene

Concen: 6.265 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX032606.D

Acq: 05 Nov 2022 05:33

Instrument :

MSVOA_X

ClientSampleId :

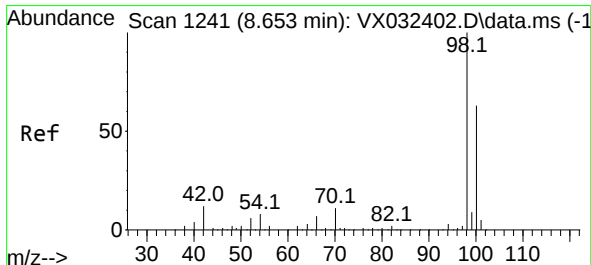
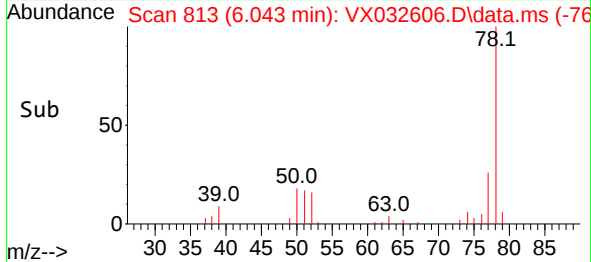
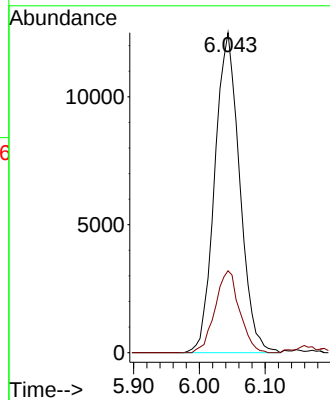
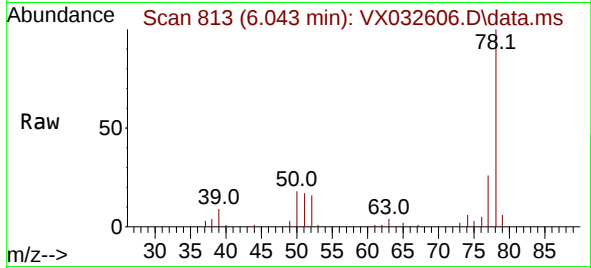
MW-10R

Tgt Ion: 78 Resp: 32986

Ion Ratio Lower Upper

78 100

77 25.6 19.0 28.4



#50

Toluene-d8

Concen: 48.703 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032606.D

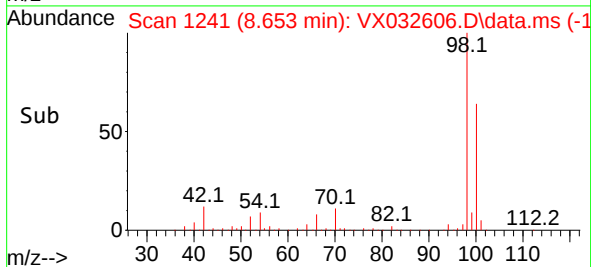
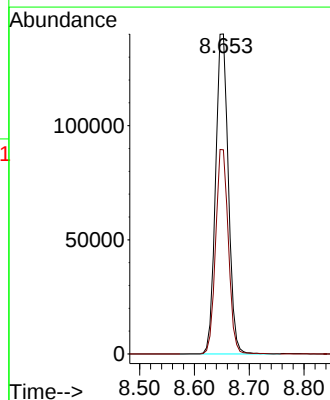
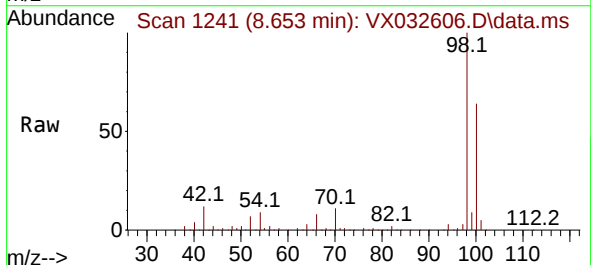
Acq: 05 Nov 2022 05:33

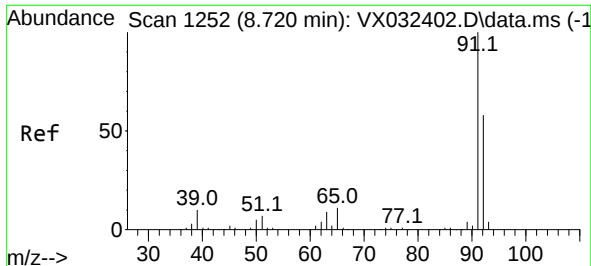
Tgt Ion: 98 Resp: 226273

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3

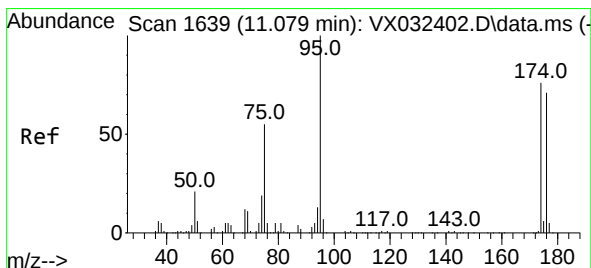
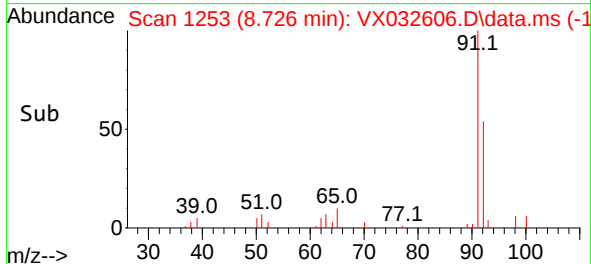
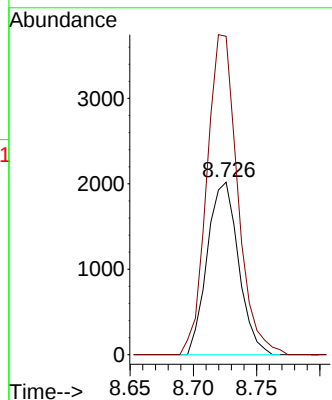
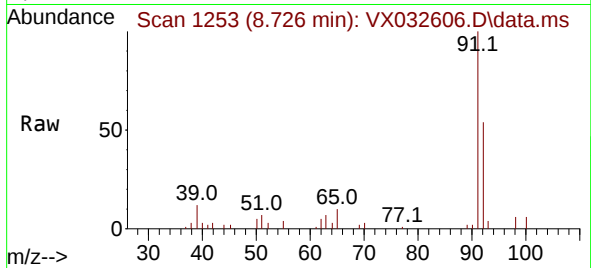




#52
Toluene
Concen: 1.009 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

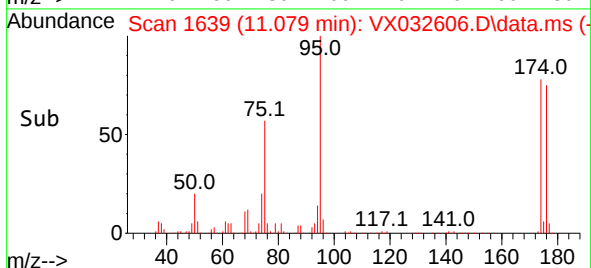
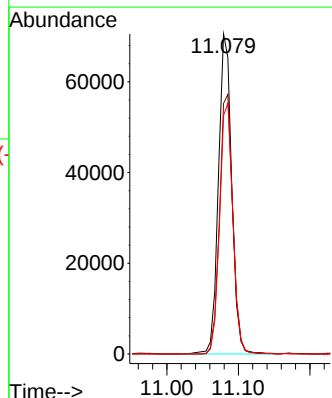
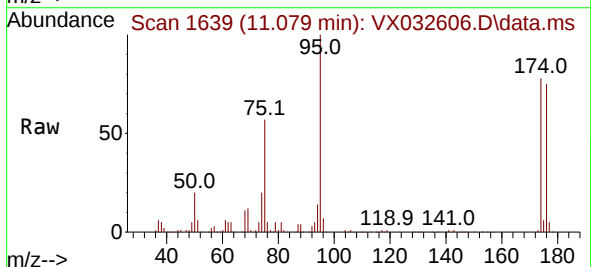
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

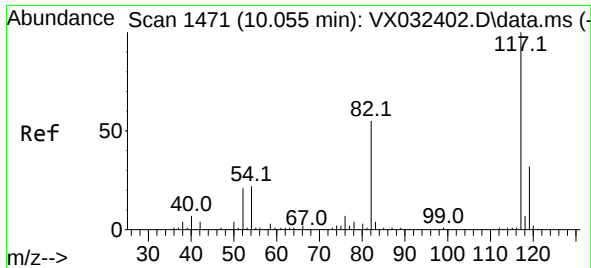
Tgt Ion: 92 Resp: 3466
Ion Ratio Lower Upper
92 100
91 183.1 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

Tgt Ion: 95 Resp: 90668
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 78.3 0.0 154.4

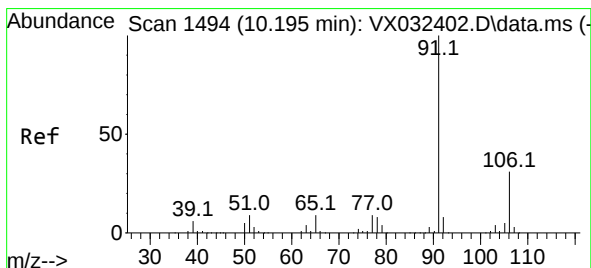
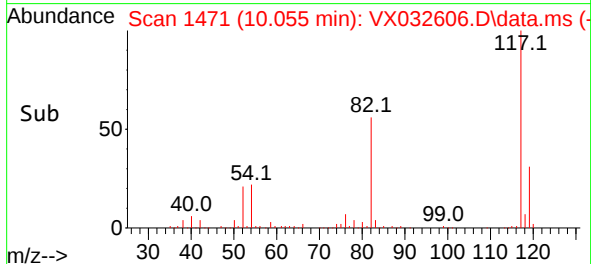
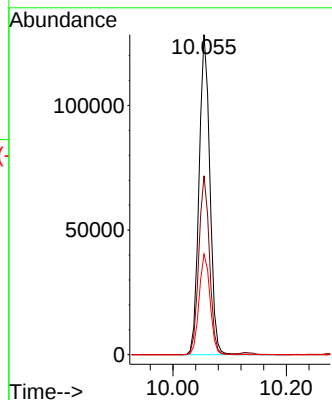
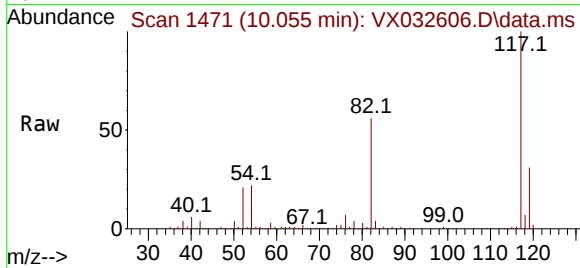




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

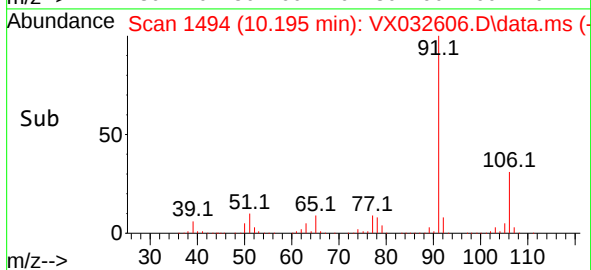
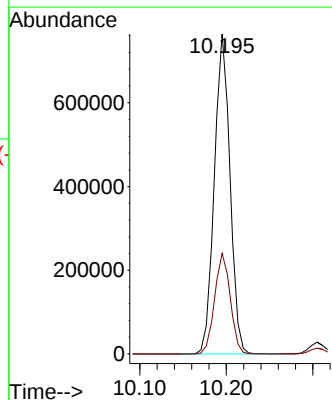
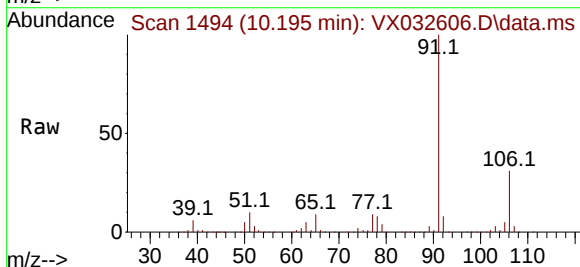
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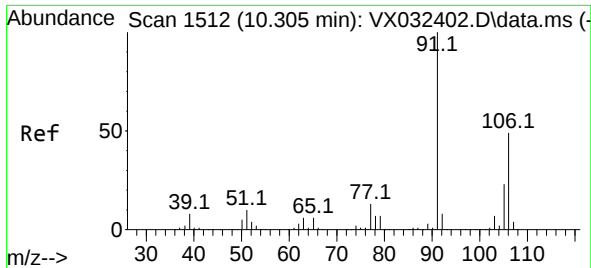
Tgt Ion:117 Resp: 169563
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.4 25.7 38.5



#67
Ethyl Benzene
Concen: 141.349 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

Tgt Ion: 91 Resp: 960073
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

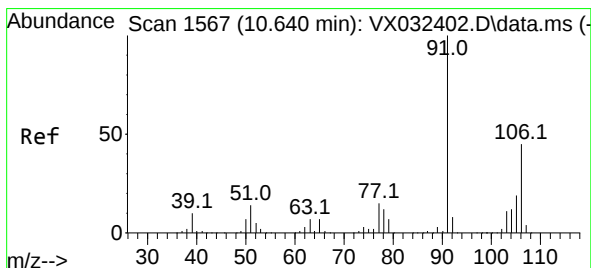
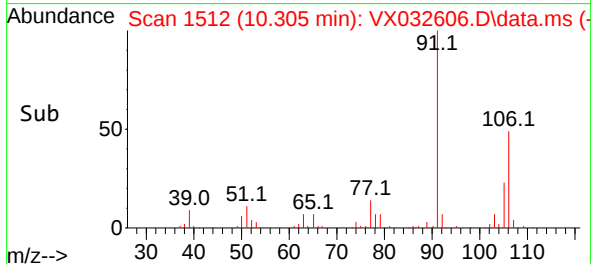
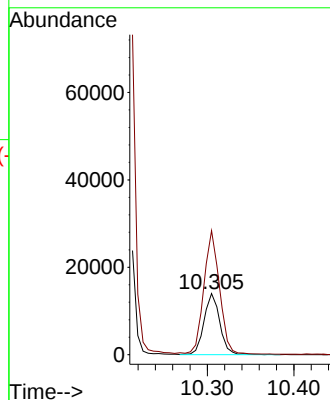
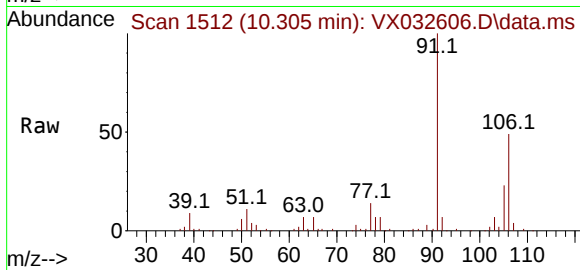




#68
m/p-Xylenes
Concen: 6.699 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

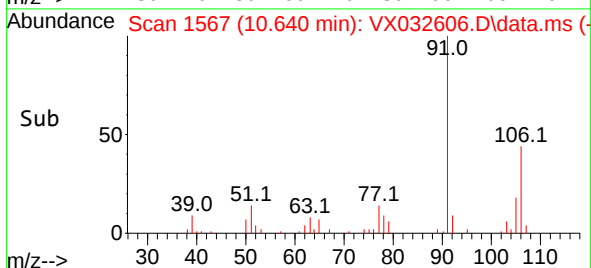
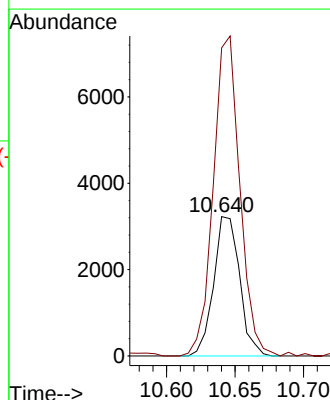
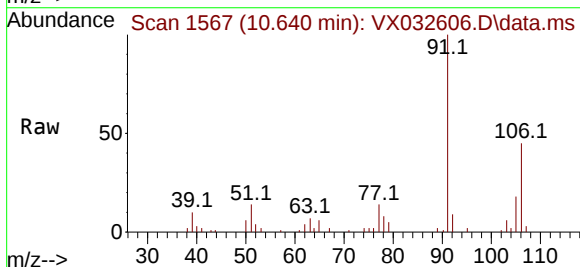
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MSVOA_X
ClientSampleId :
MW-10R

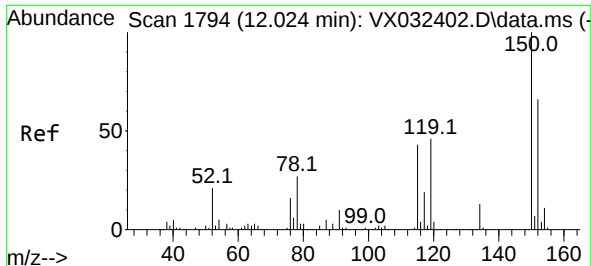
Tgt Ion:106 Resp: 17669
Ion Ratio Lower Upper
106 100
91 203.1 164.5 246.7



#69
o-Xylene
Concen: 1.657 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

Tgt Ion:106 Resp: 4248
Ion Ratio Lower Upper
106 100
91 234.6 109.2 327.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032606.D

Acq: 05 Nov 2022 05:33

Instrument :

MSVOA_X

ClientSampleId :

MW-10R

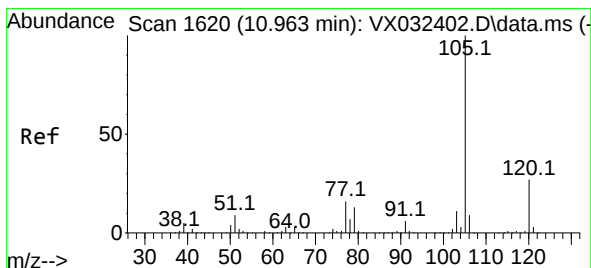
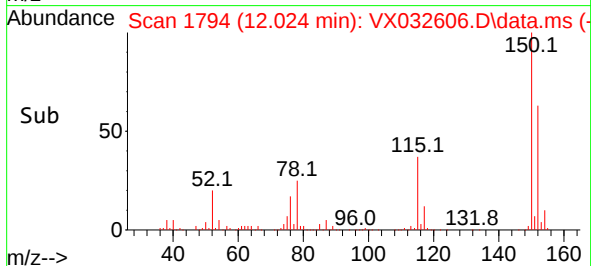
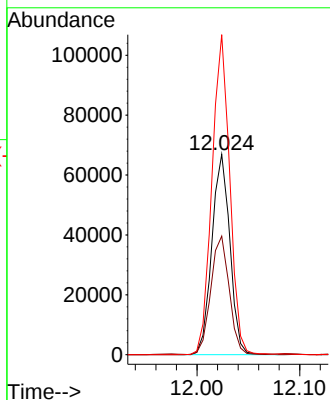
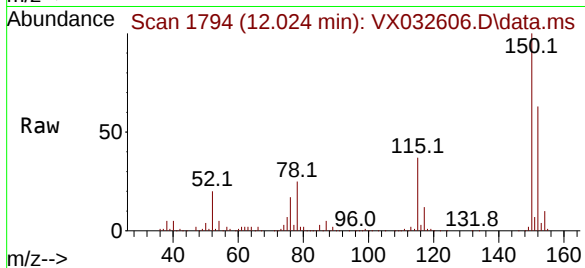
Tgt Ion:152 Resp: 81314

Ion Ratio Lower Upper

152 100

115 60.1 44.0 132.0

150 157.9 0.0 351.8



#73

Isopropylbenzene

Concen: 20.232 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX032606.D

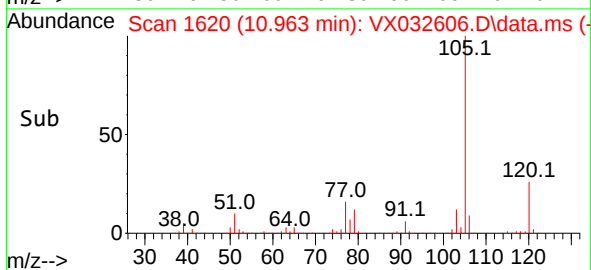
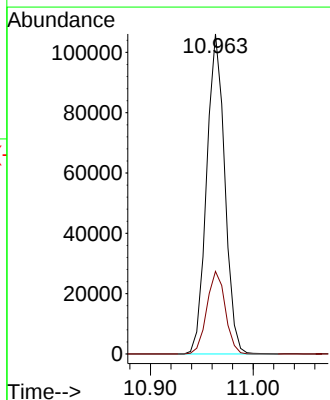
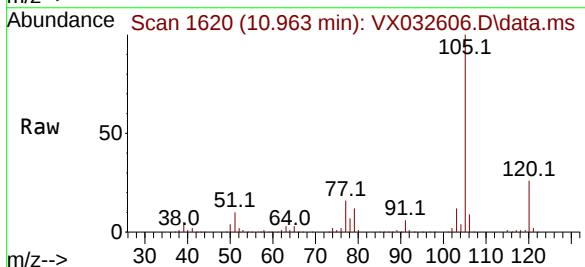
Acq: 05 Nov 2022 05:33

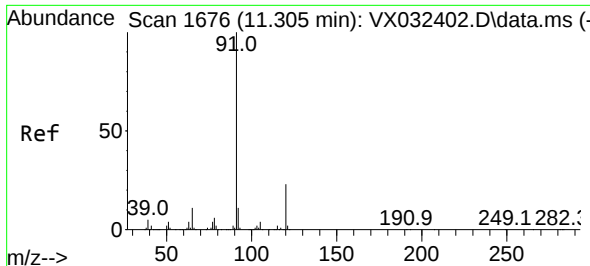
Tgt Ion:105 Resp: 130362

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3

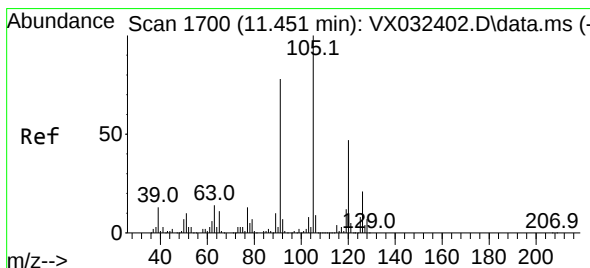
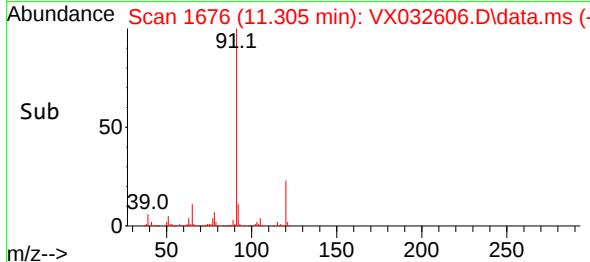
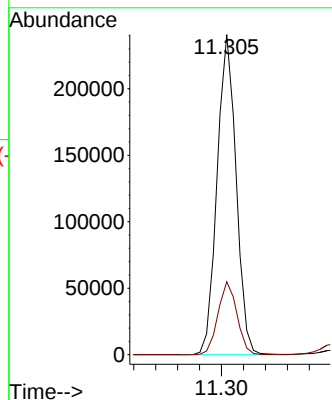
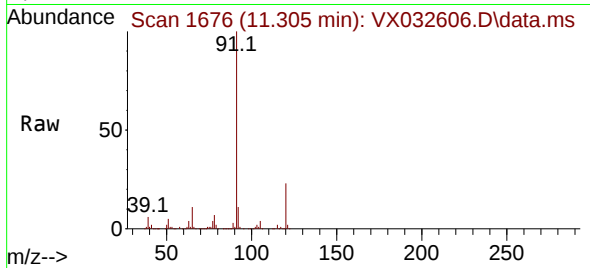




#78
n-propylbenzene
Concen: 39.088 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

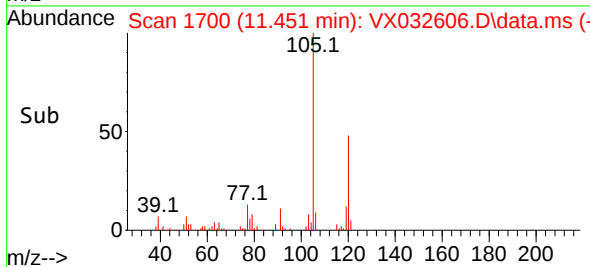
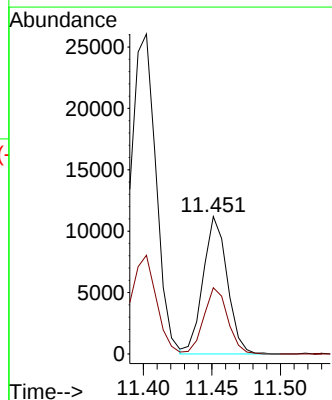
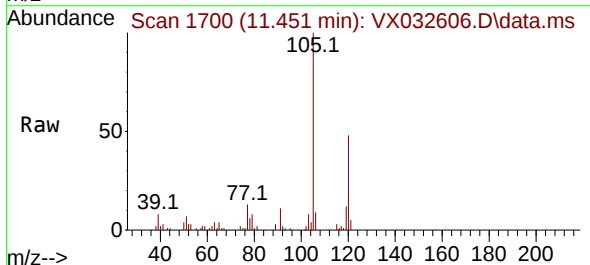
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

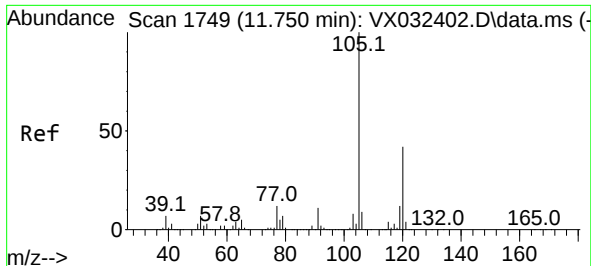
Tgt Ion: 91 Resp: 290183
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 2.496 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

Tgt Ion: 105 Resp: 13747
Ion Ratio Lower Upper
105 100
120 47.7 23.6 71.0

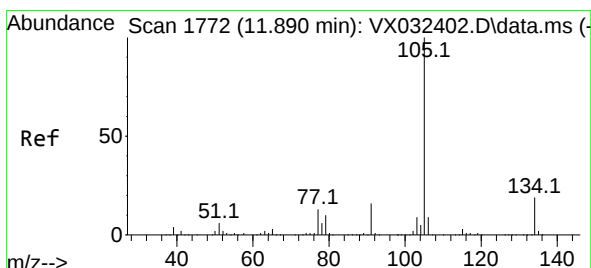
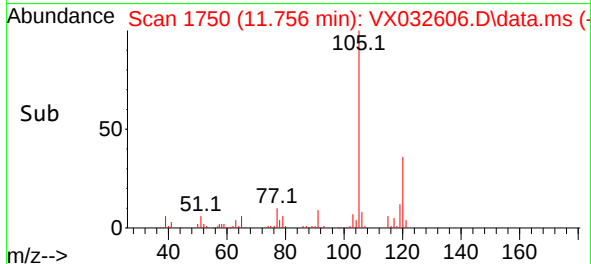
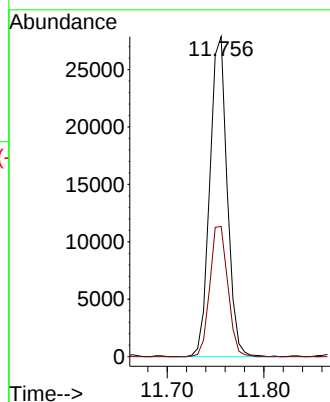
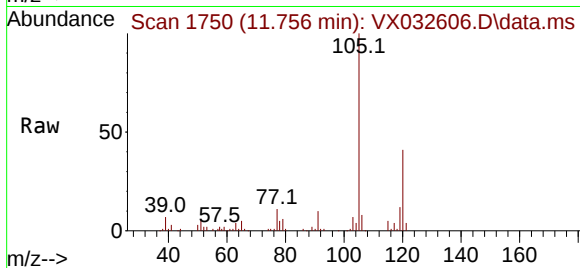




#84
 1,2,4-Trimethylbenzene
 Concen: 6.362 ug/l
 RT: 11.756 min Scan# 11750
 Delta R.T. 0.006 min
 Lab File: VX032606.D
 Acq: 05 Nov 2022 05:33

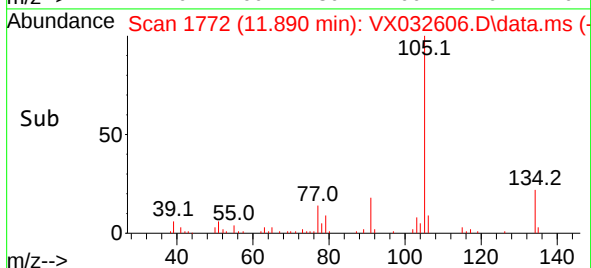
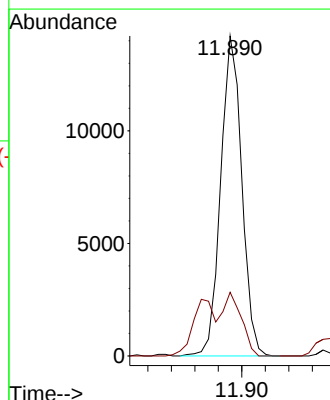
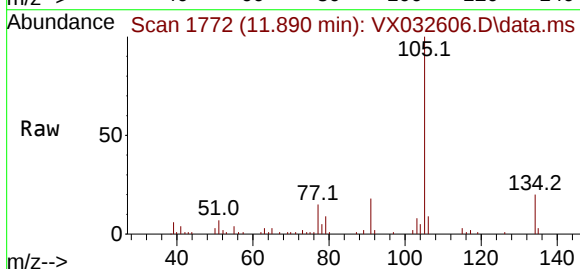
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10R

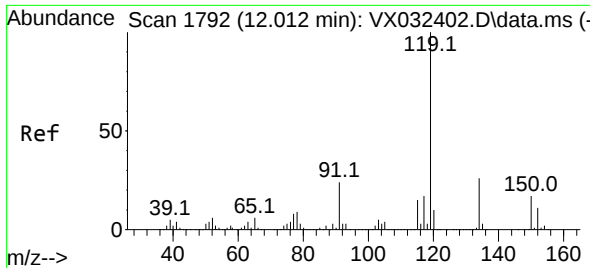
Tgt Ion:105 Resp: 34846
 Ion Ratio Lower Upper
 105 100
 120 42.2 21.9 65.5



#85
 sec-Butylbenzene
 Concen: 2.680 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032606.D
 Acq: 05 Nov 2022 05:33

Tgt Ion:105 Resp: 17728
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.9 29.7

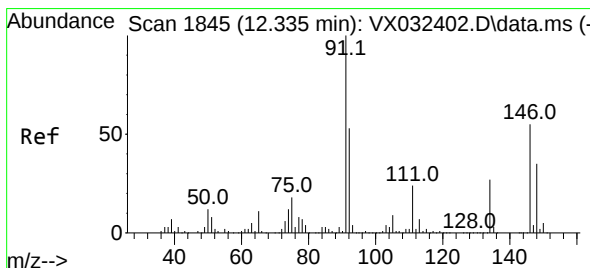
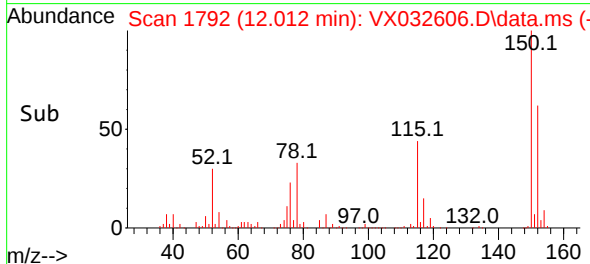
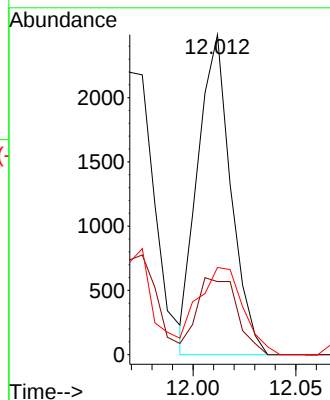
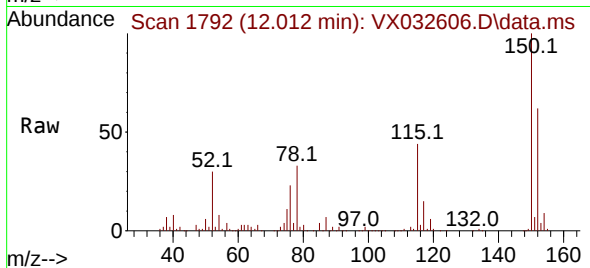




#86
p-Isopropyltoluene
Concen: 0.497 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

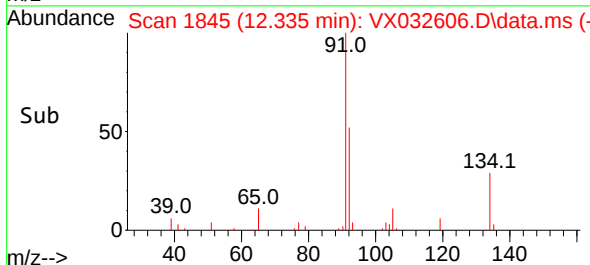
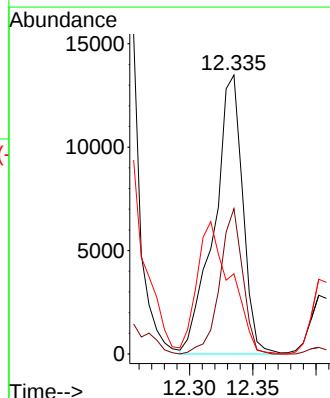
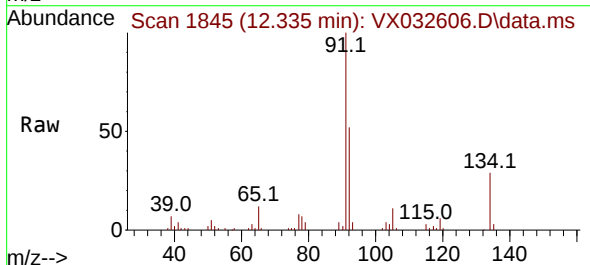
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

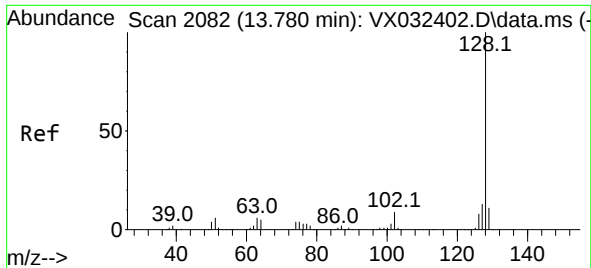
Tgt Ion:119 Resp: 2790
Ion Ratio Lower Upper
119 100
134 29.4 12.9 38.7
91 0.0 12.5 37.5#



#89
n-Butylbenzene
Concen: 4.338 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032606.D
Acq: 05 Nov 2022 05:33

Tgt Ion: 91 Resp: 21185
Ion Ratio Lower Upper
91 100
92 41.8 26.2 78.6
134 56.2 12.9 38.6#





#95

Naphthalene

Concen: 92.184 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX032606.D

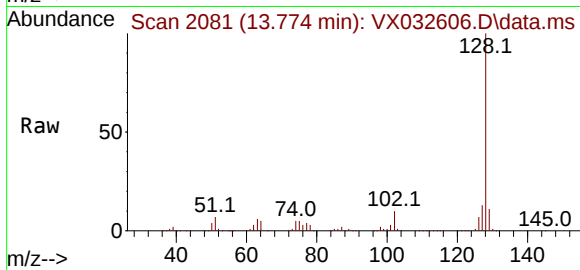
Acq: 05 Nov 2022 05:33

Instrument :

MSVOA_X

ClientSampleId :

MW-10R



Tgt Ion:128 Resp: 588468

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.3 8.9 13.3

