

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032680.D
 Acq On : 09 Nov 2022 15:31
 Operator : JC/MD
 Sample : N5551-13 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8I

Quant Time: Nov 10 03:05:01 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)

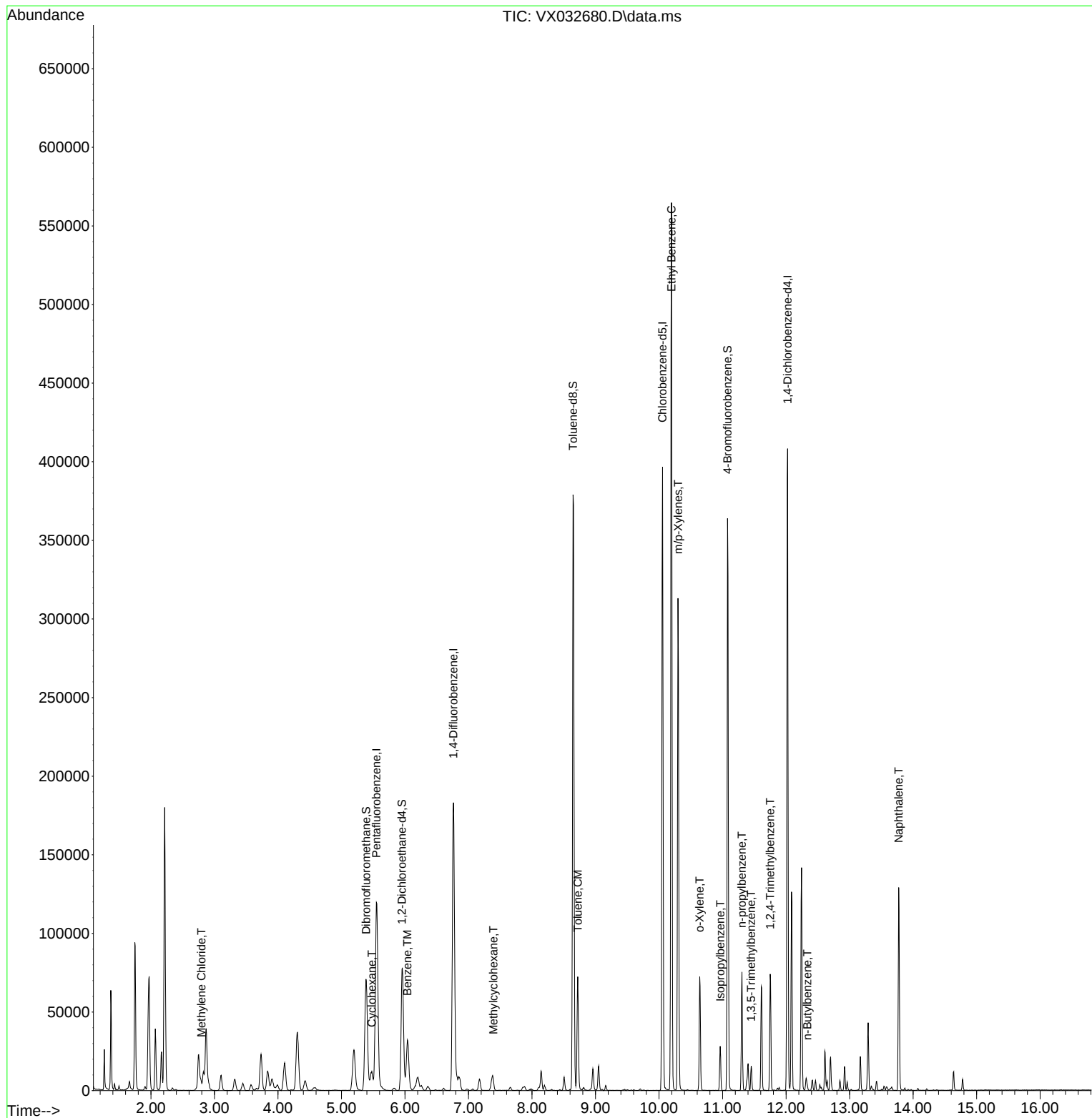
Internal Standards						
1) Pentafluorobenzene	5.550	168	112973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78841	50.226	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.460%			
35) Dibromofluoromethane	5.385	113	61546	45.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.240%			
50) Toluene-d8	8.647	98	229914	49.015	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.020%			
62) 4-Bromofluorobenzene	11.079	95	89339	48.758	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.520%			
Target Compounds						Qvalue
20) Methylene Chloride	2.794	84	712	0.544	ug/l #	76
31) Cyclohexane	5.477	56	7918	4.160	ug/l	89
39) Methylcyclohexane	7.391	83	3613	1.626	ug/l	90
40) Benzene	6.037	78	38310	7.207	ug/l	98
52) Toluene	8.720	92	26523	7.647	ug/l	99
67) Ethyl Benzene	10.195	91	311254	45.586	ug/l	100
68) m/p-Xylenes	10.299	106	70431	26.565	ug/l	100
69) o-Xylene	10.640	106	15750	6.110	ug/l	100
73) Isopropylbenzene	10.963	105	14292	2.168	ug/l	98
78) n-propylbenzene	11.305	91	44598	5.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	7185	1.275	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	33663	6.008	ug/l	99
89) n-Butylbenzene	12.335	91	2116	0.424	ug/l #	56
95) Naphthalene	13.774	128	79408	12.160	ug/l	100

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

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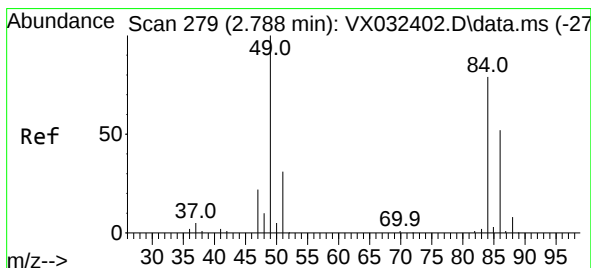
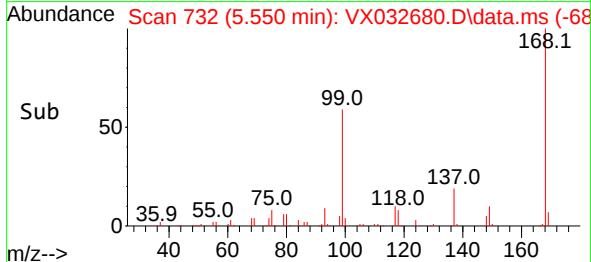
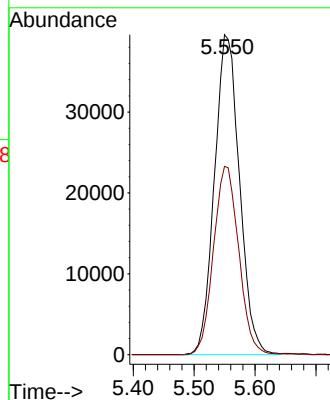
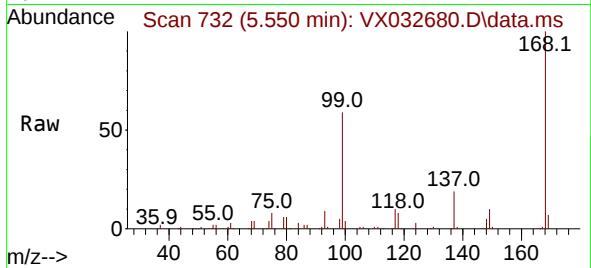




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

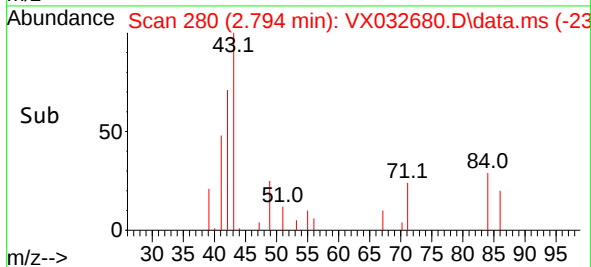
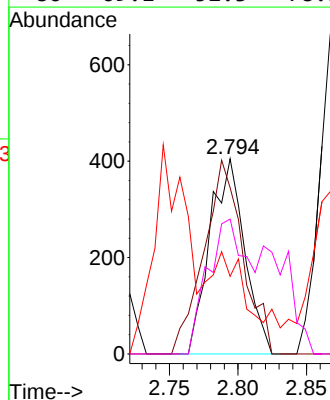
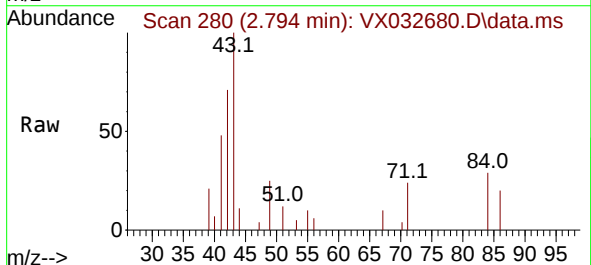
Instrument :
MSVOA_X
ClientSampleId :
MW-8I

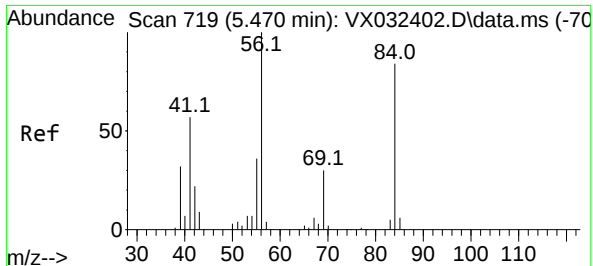
Tgt Ion:168 Resp: 112973
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

Tgt Ion: 84 Resp: 712
Ion Ratio Lower Upper
84 100
49 85.2 101.0 151.6#
51 26.4 31.1 46.7#
86 69.1 52.3 78.5

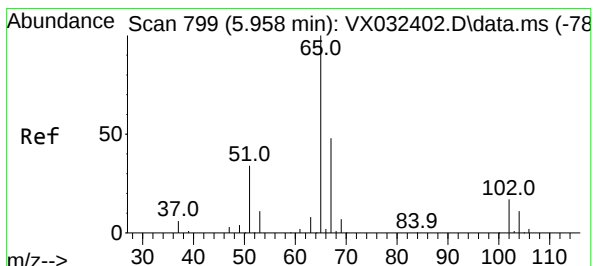
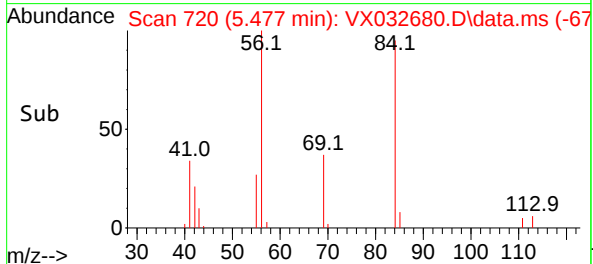
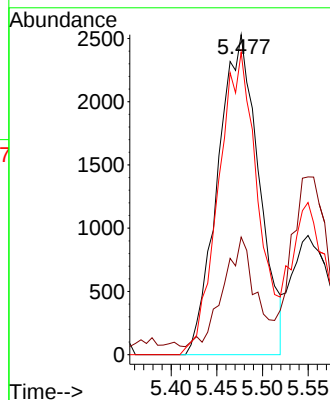
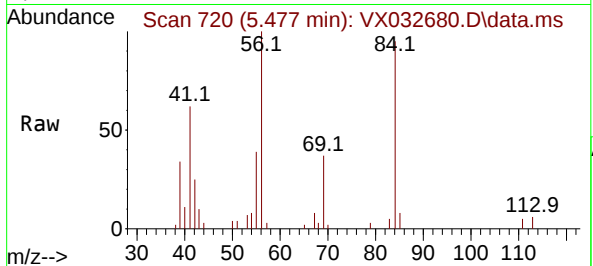




#31
Cyclohexane
Concen: 4.160 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

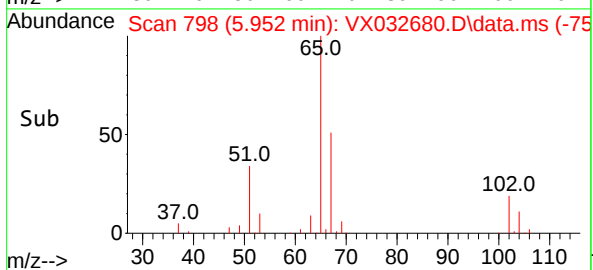
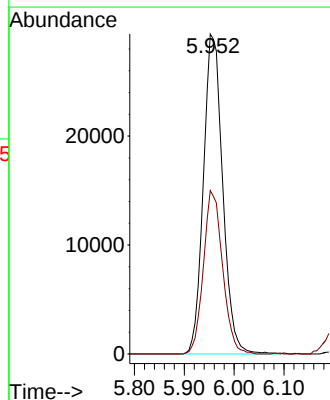
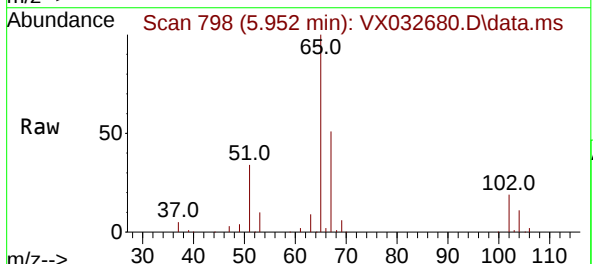
Instrument :
MSVOA_X
ClientSampleId :
MW-8I

Tgt Ion:	56	Resp:	7918
Ion	Ratio	Lower	Upper
56	100		
69	34.1	24.1	36.1
84	94.5	66.9	100.3



#33
1,2-Dichloroethane-d4
Concen: 50.226 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

Tgt Ion:	65	Resp:	78841
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.8

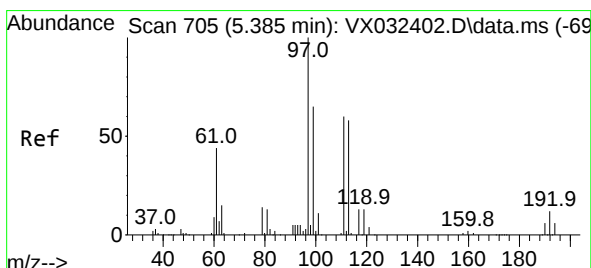
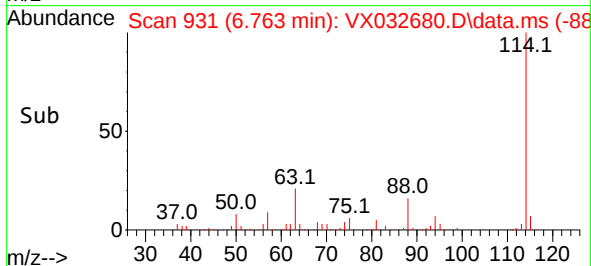
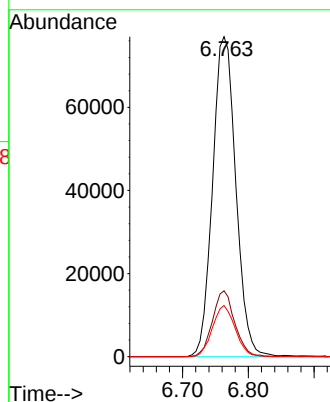
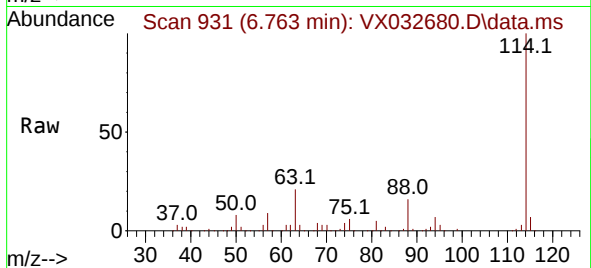




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

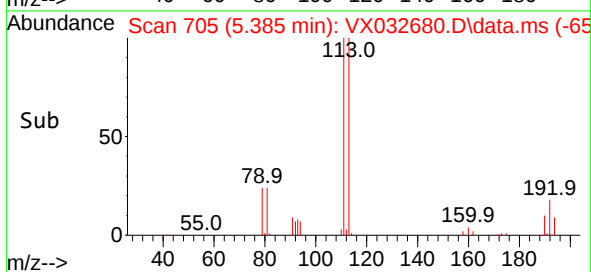
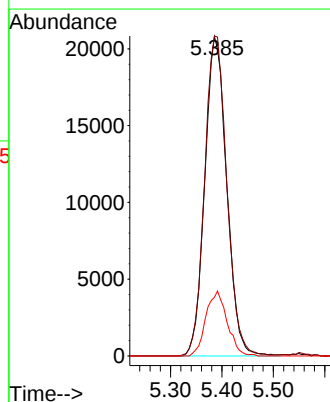
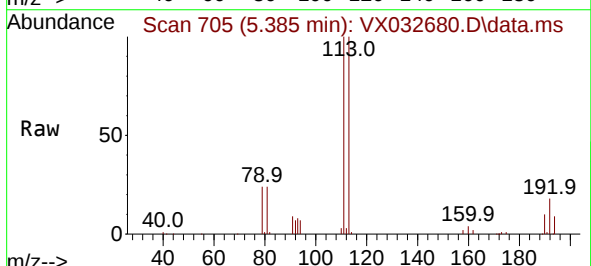
Instrument :
MSVOA_X
ClientSampleId :
MW-8I

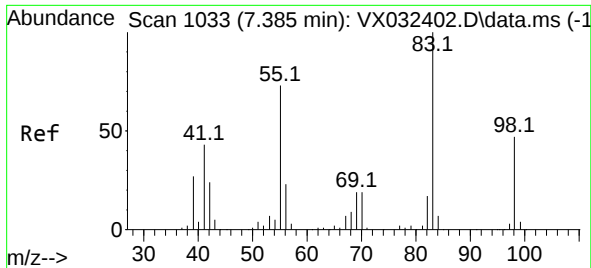
Tgt Ion:114 Resp: 189116
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

Tgt Ion:113 Resp: 61546
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.7 15.4 23.2





#39

Methylcyclohexane

Concen: 1.626 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX032680.D

Acq: 09 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

MW-8I

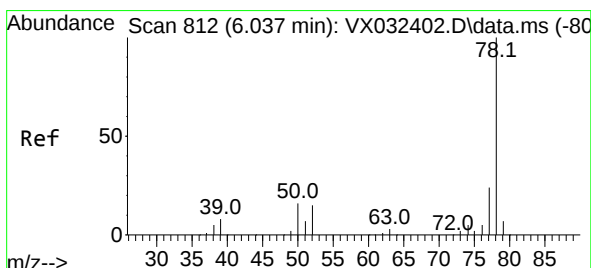
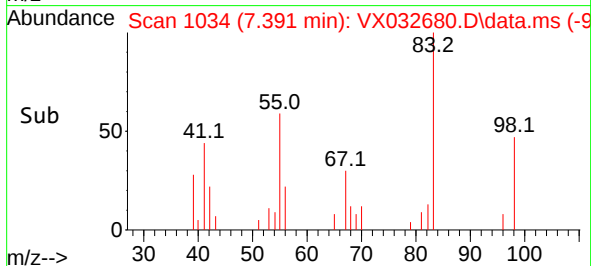
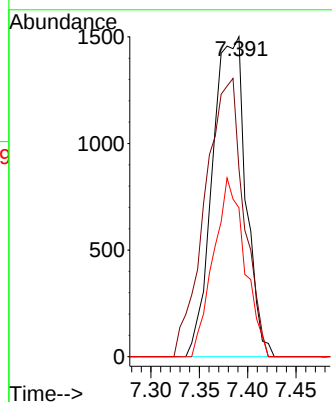
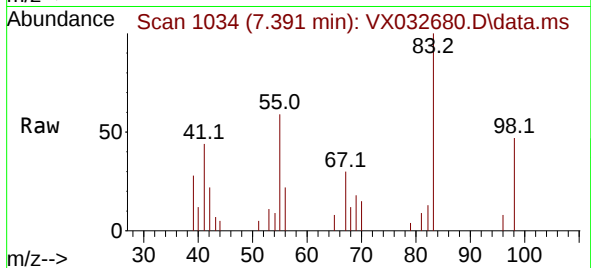
Tgt Ion: 83 Resp: 3613

Ion Ratio Lower Upper

83 100

55 58.9 58.4 87.6

98 46.6 37.2 55.8



#40

Benzene

Concen: 7.207 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032680.D

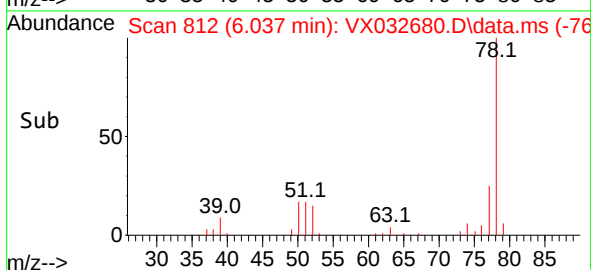
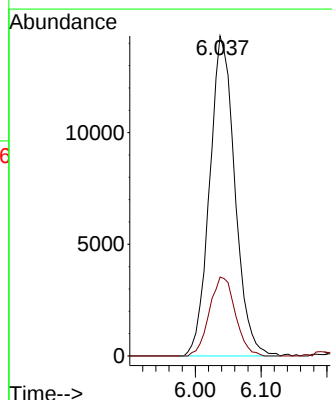
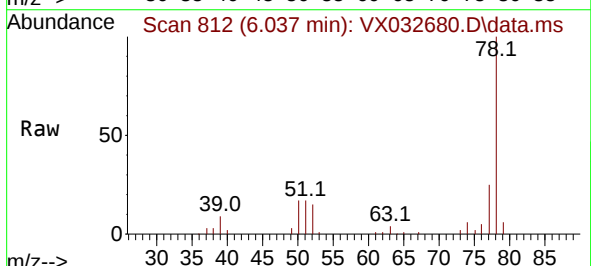
Acq: 09 Nov 2022 15:31

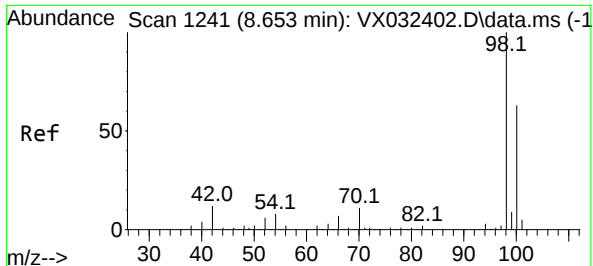
Tgt Ion: 78 Resp: 38310

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.4

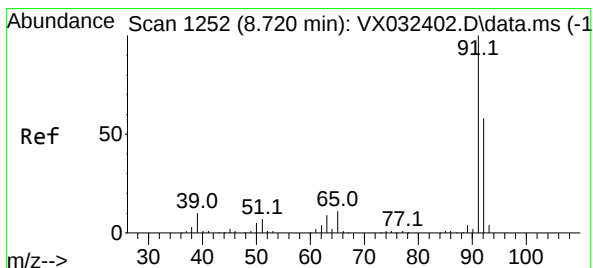
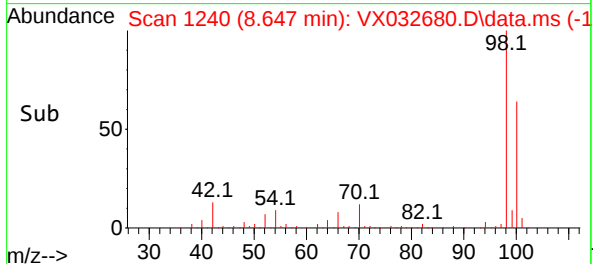
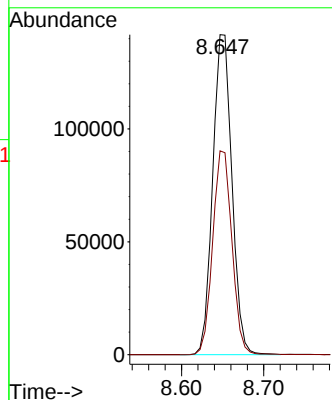
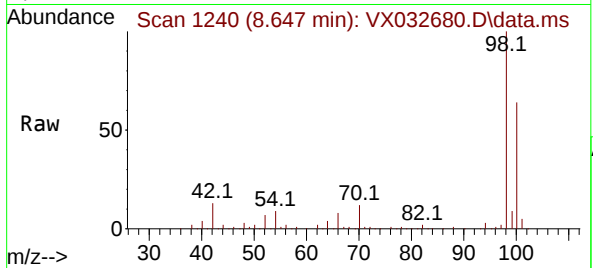




#50
Toluene-d8
Concen: 49.015 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

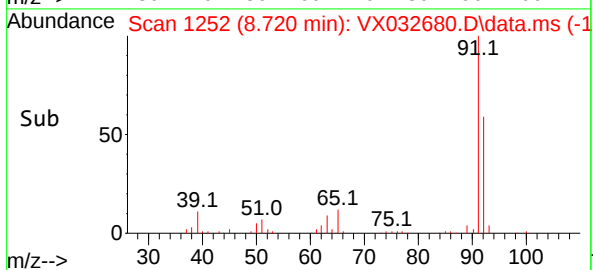
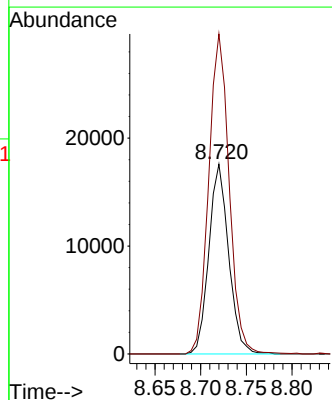
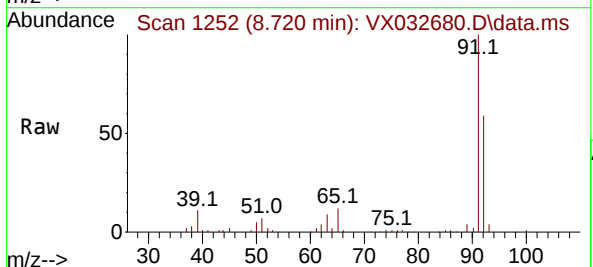
Instrument :
MSVOA_X
ClientSampleId :
MW-8I

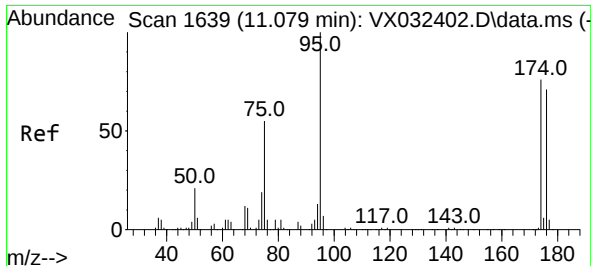
Tgt Ion: 98 Resp: 229914
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#52
Toluene
Concen: 7.647 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

Tgt Ion: 92 Resp: 26523
Ion Ratio Lower Upper
92 100
91 174.0 138.3 207.5

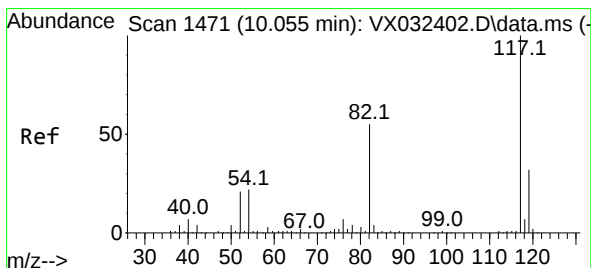
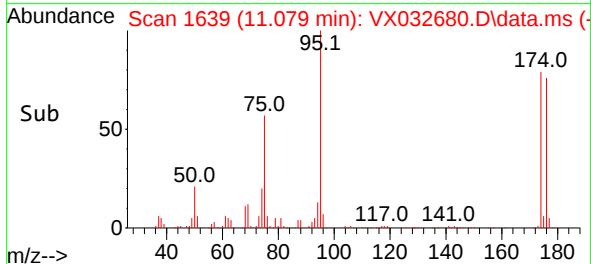
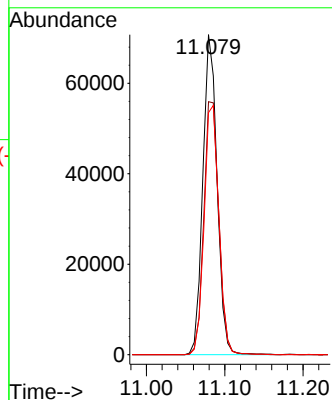
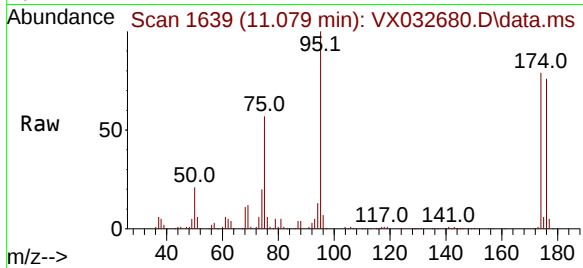




#62
4-Bromofluorobenzene
Concen: 48.758 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

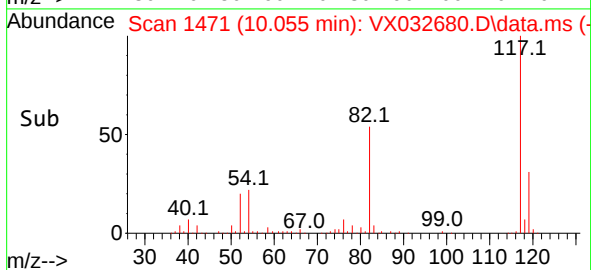
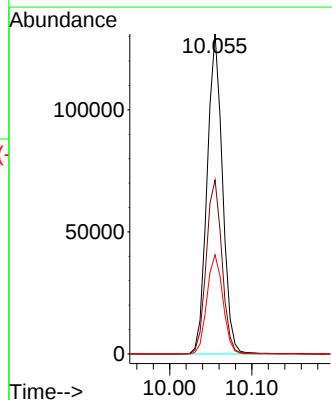
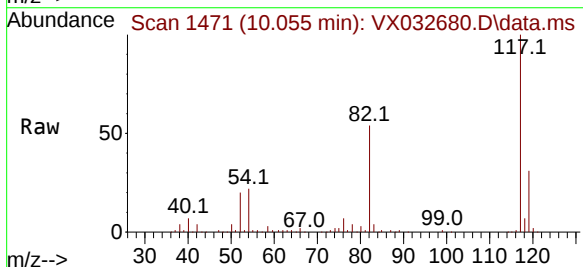
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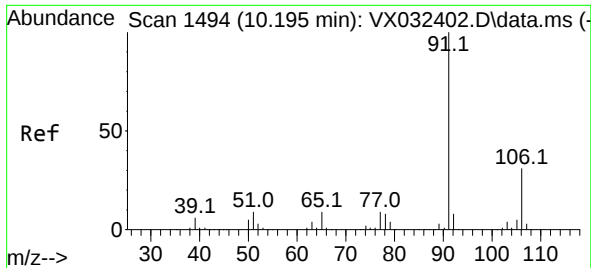
Tgt Ion: 95 Resp: 89339
Ion Ratio Lower Upper
95 100
174 83.2 0.0 164.0
176 80.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

Tgt Ion: 117 Resp: 170453
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.0 25.7 38.5

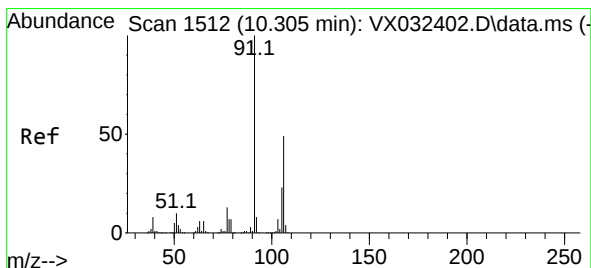
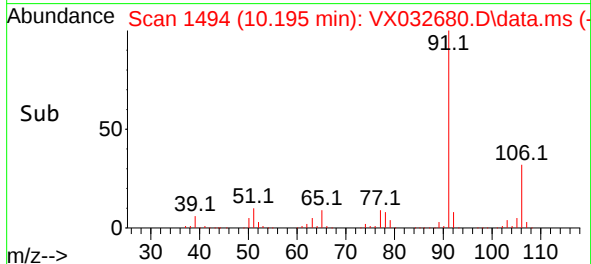
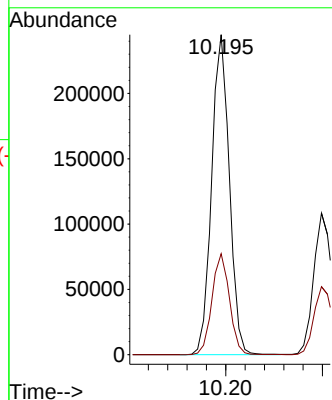
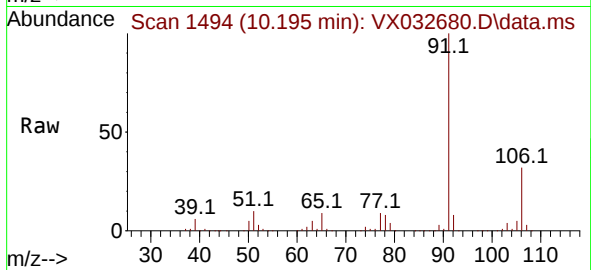




#67
Ethyl Benzene
Concen: 45.586 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

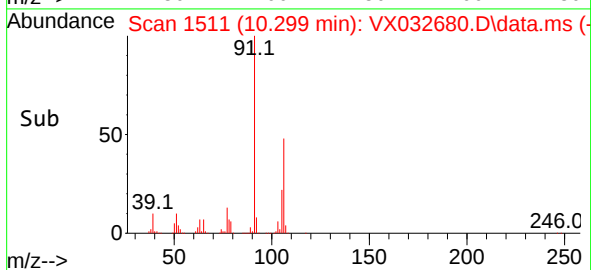
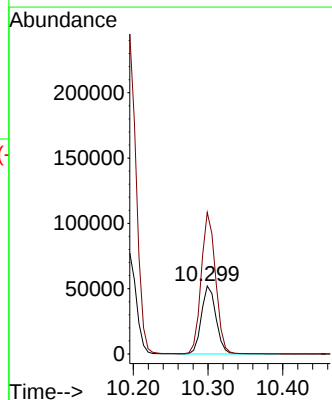
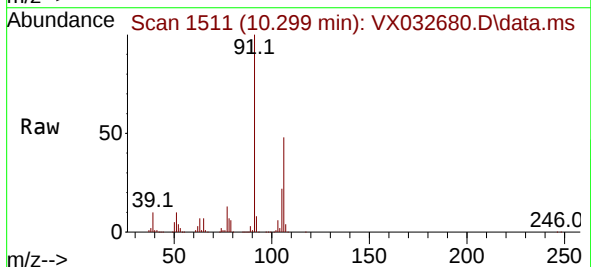
Instrument :
MSVOA_X
ClientSampleId :
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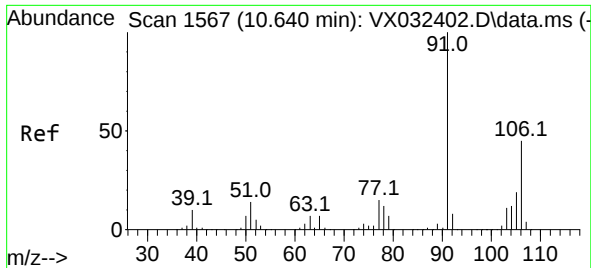
Tgt Ion: 91 Resp: 311254
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 26.565 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

Tgt Ion:106 Resp: 70431
Ion Ratio Lower Upper
106 100
91 205.1 164.5 246.7

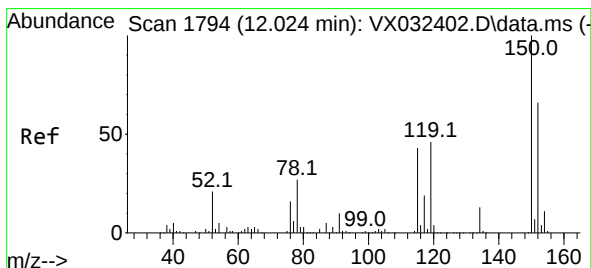
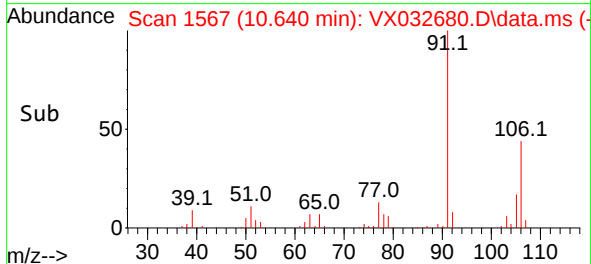
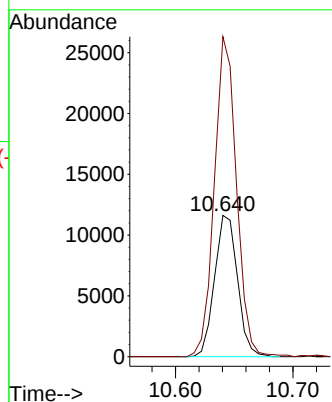
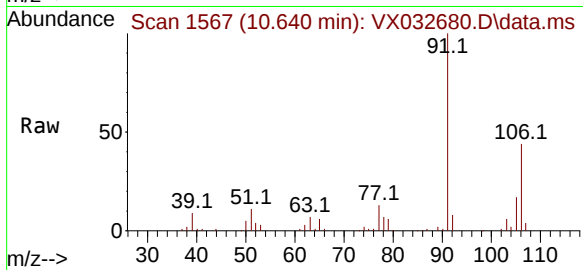




#69
o-Xylene
Concen: 6.110 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

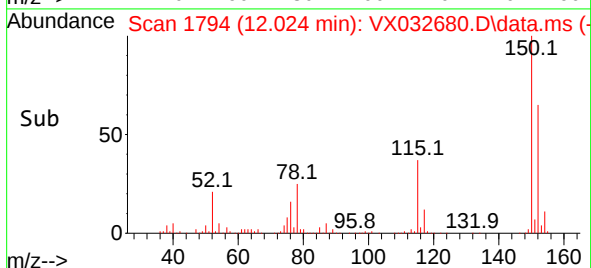
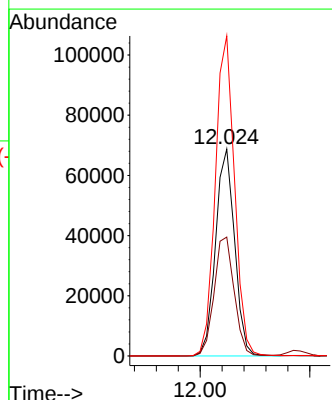
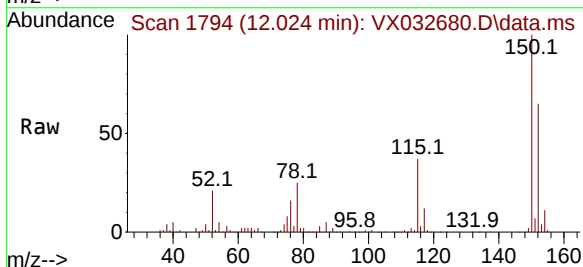
Instrument :
MSVOA_X
ClientSampleId :
MW-8I

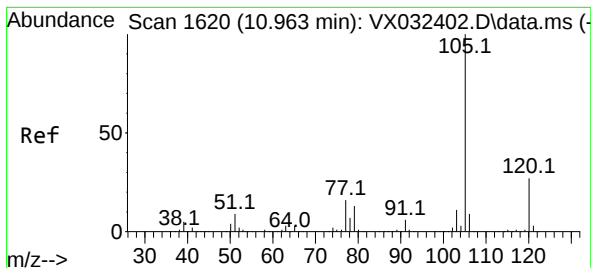
Tgt Ion:106 Resp: 15750
Ion Ratio Lower Upper
106 100
91 219.0 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032680.D
Acq: 09 Nov 2022 15:31

Tgt Ion:152 Resp: 83180
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 155.6 0.0 351.8





#73

Isopropylbenzene

Concen: 2.168 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032680.D

Acq: 09 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

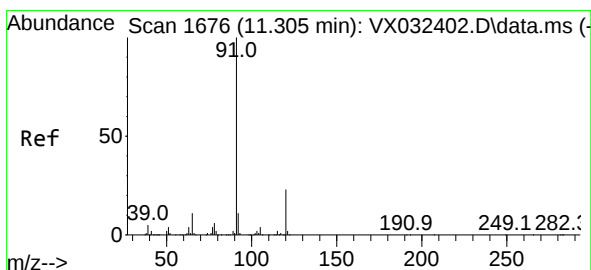
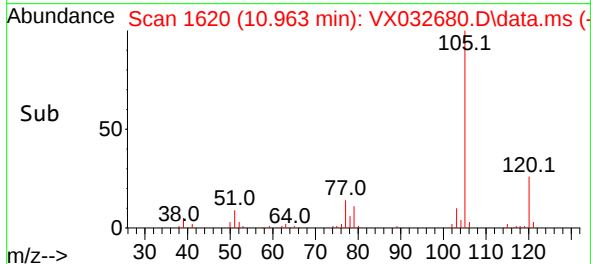
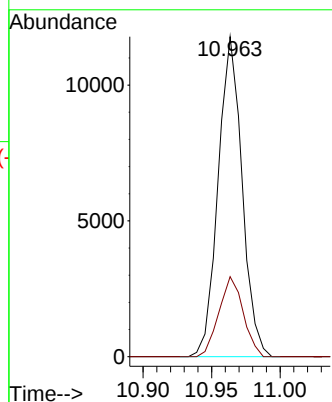
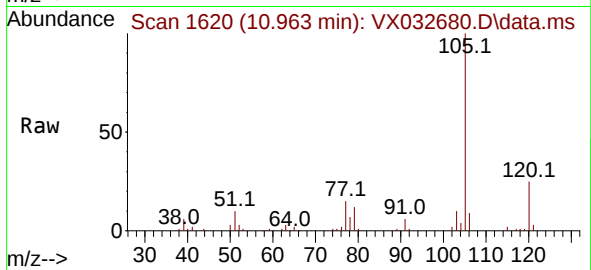
MW-8I

Tgt Ion:105 Resp: 14292

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.3



#78

n-propylbenzene

Concen: 5.873 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032680.D

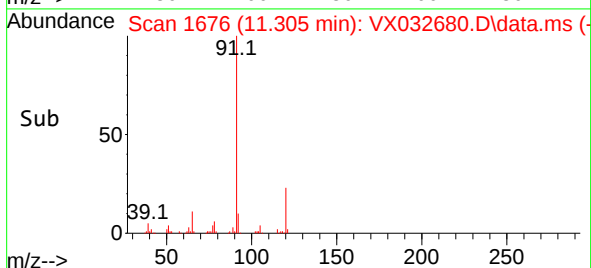
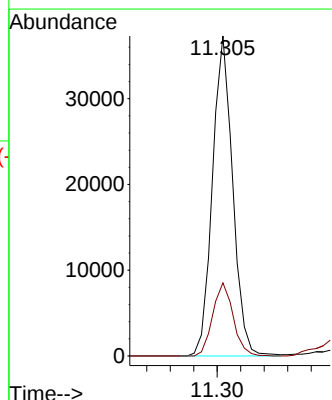
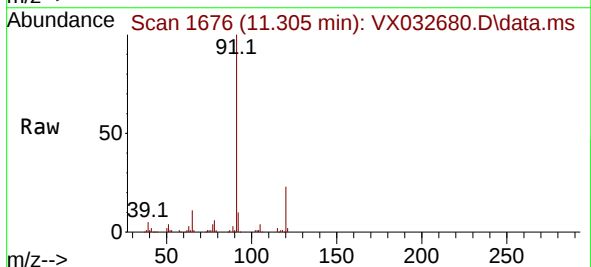
Acq: 09 Nov 2022 15:31

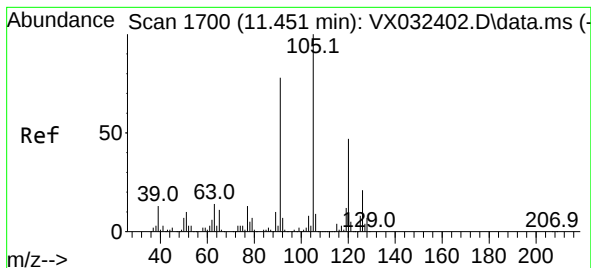
Tgt Ion: 91 Resp: 44598

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 1.275 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032680.D

Acq: 09 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

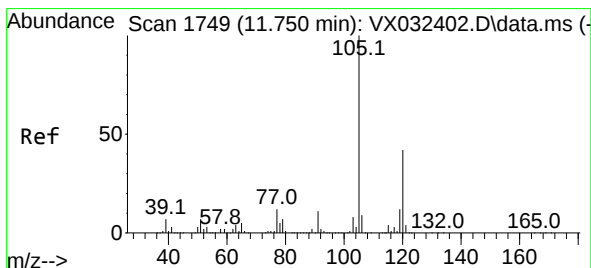
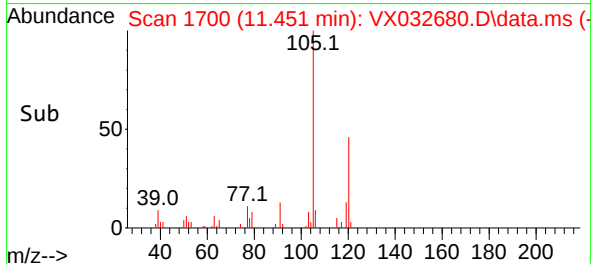
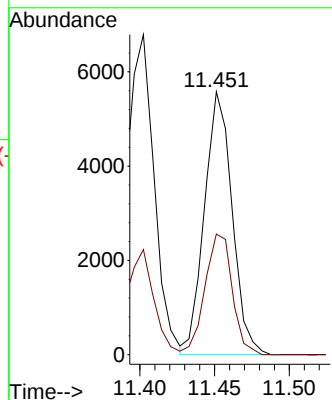
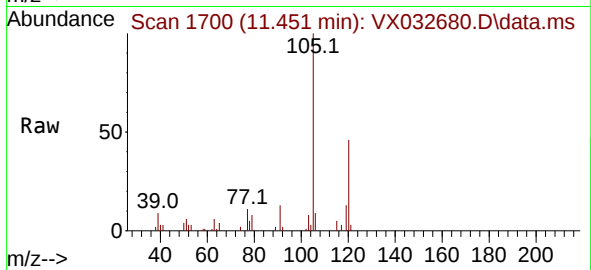
MW-8I

Tgt Ion:105 Resp: 7185

Ion Ratio Lower Upper

105 100

120 45.3 23.6 71.0



#84

1,2,4-Trimethylbenzene

Concen: 6.008 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX032680.D

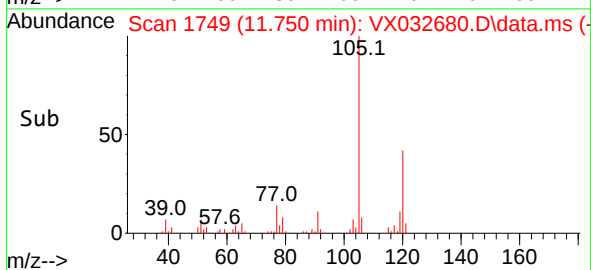
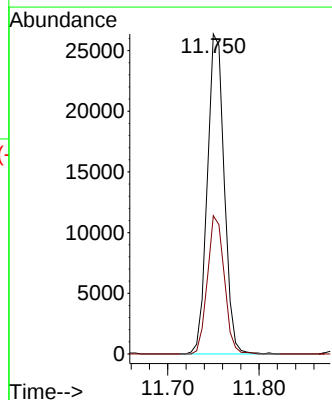
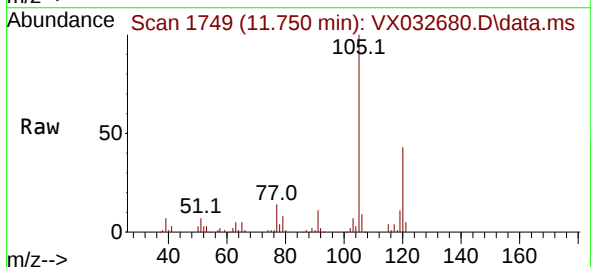
Acq: 09 Nov 2022 15:31

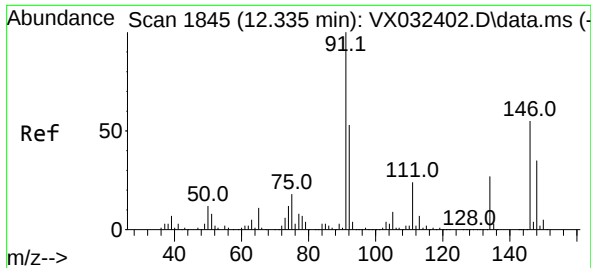
Tgt Ion:105 Resp: 33663

Ion Ratio Lower Upper

105 100

120 43.3 21.9 65.5





#89

n-Butylbenzene

Concen: 0.424 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032680.D

Acq: 09 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

MW-8I

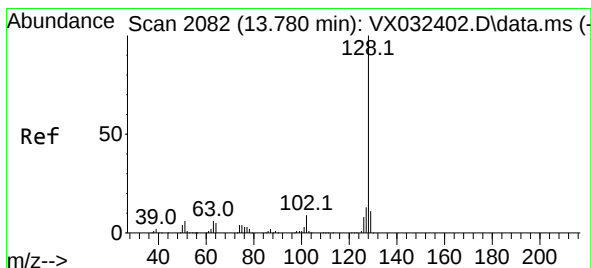
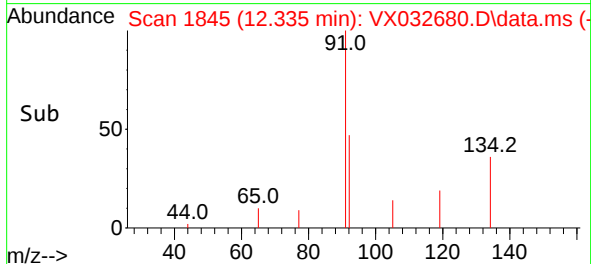
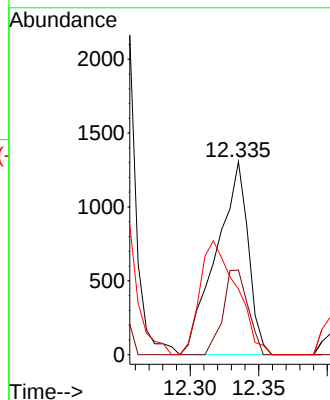
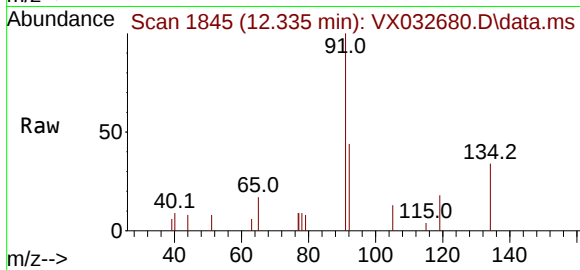
Tgt Ion: 91 Resp: 2116

Ion Ratio Lower Upper

91 100

92 34.3 26.2 78.6

134 67.7 12.9 38.6#



#95

Naphthalene

Concen: 12.160 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032680.D

Acq: 09 Nov 2022 15:31

Tgt Ion:128 Resp: 79408

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.9 13.3

