

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032846.D
 Acq On : 16 Nov 2022 05:25
 Operator : JC/MD
 Sample : N5640-13 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Nov 16 07:05:34 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)

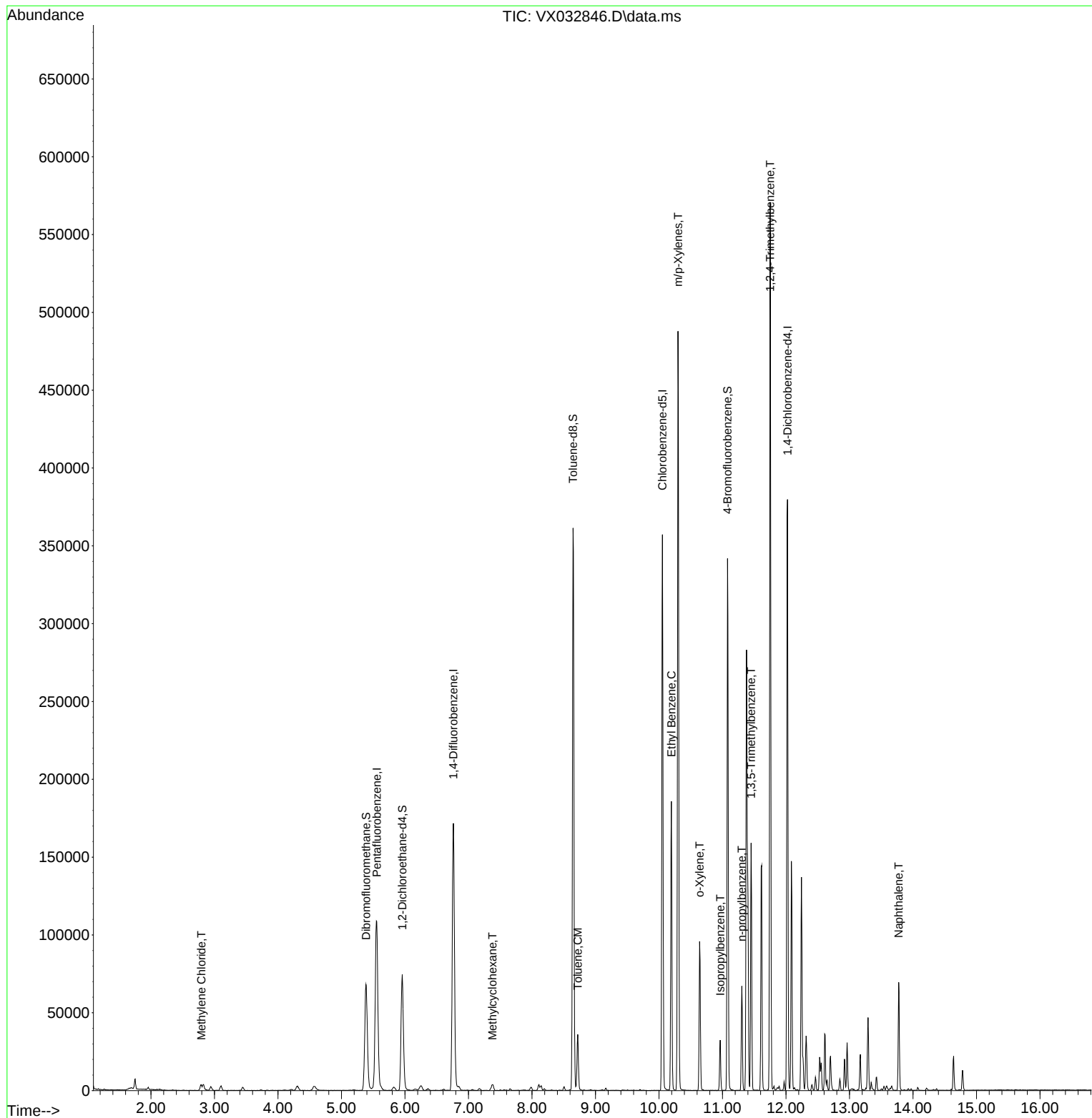
Internal Standards						
1) Pentafluorobenzene	5.556	168	105326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73115	49.960	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.920%
35) Dibromofluoromethane	5.385	113	58979	47.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	8.647	98	217562	49.971	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	11.079	95	84875	49.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.820%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	1250	1.025	ug/l #	80
39) Methylcyclohexane	7.379	83	1757	0.852	ug/l #	87
52) Toluene	8.720	92	13139	4.082	ug/l	99
67) Ethyl Benzene	10.195	91	103765	16.412	ug/l	99
68) m/p-Xylenes	10.299	106	112331	45.754	ug/l	100
69) o-Xylene	10.640	106	20761	8.697	ug/l	99
73) Isopropylbenzene	10.963	105	16109	2.597	ug/l	99
78) n-propylbenzene	11.305	91	40249	5.632	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	67482	12.729	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	241590	45.818	ug/l	99
95) Naphthalene	13.774	128	43395	7.061	ug/l	99

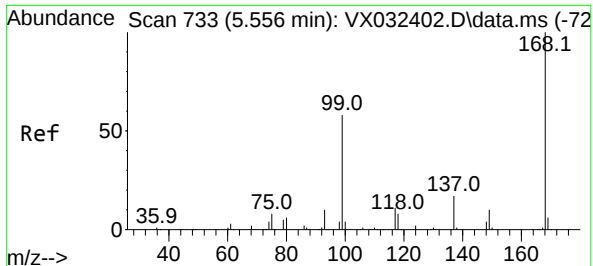
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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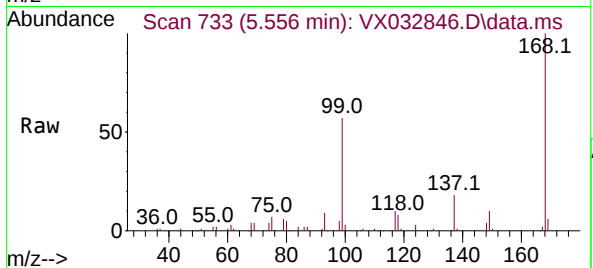
Quant Time: Nov 16 07:05:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
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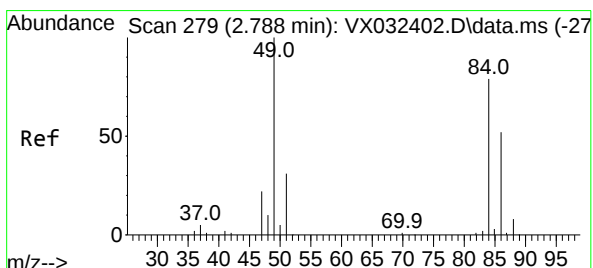
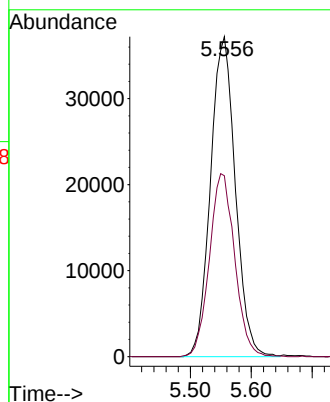
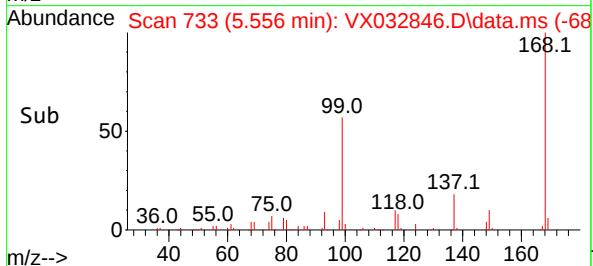


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032846.D
Acq: 16 Nov 2022 05:25

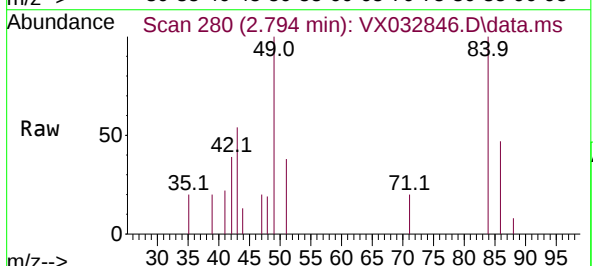
Instrument :
MSVOA_X
ClientSampleId :
MW-4



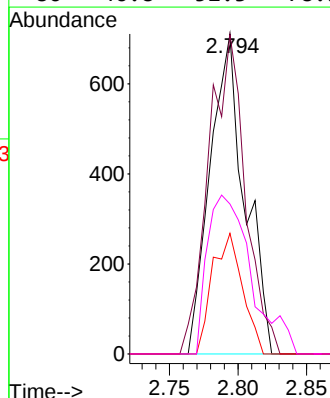
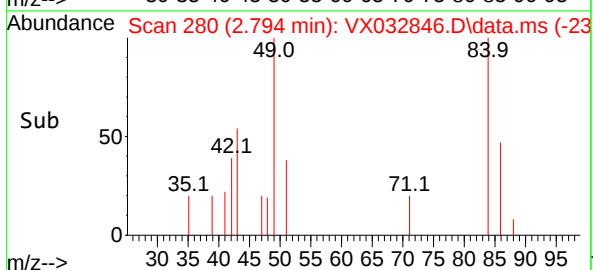
Tgt Ion:168 Resp: 105326
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1

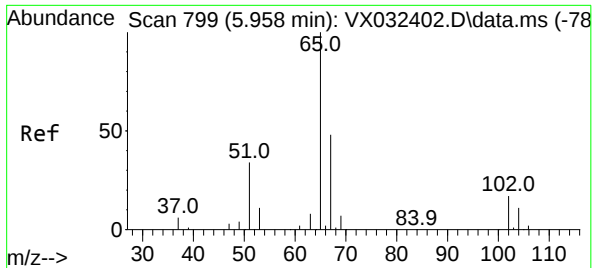


#20
Methylene Chloride
Concen: 1.025 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032846.D
Acq: 16 Nov 2022 05:25



Tgt Ion: 84 Resp: 1250
Ion Ratio Lower Upper
84 100
49 99.7 101.0 151.6#
51 37.7 31.1 46.7
86 46.8 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 49.960 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032846.D

Acq: 16 Nov 2022 05:25

Instrument :

MSVOA_X

ClientSampleId :

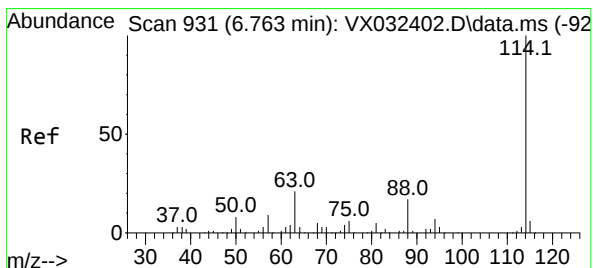
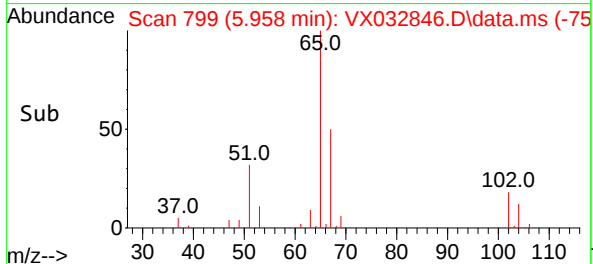
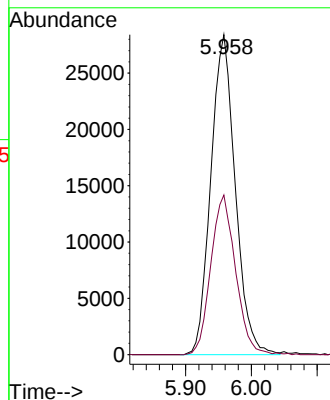
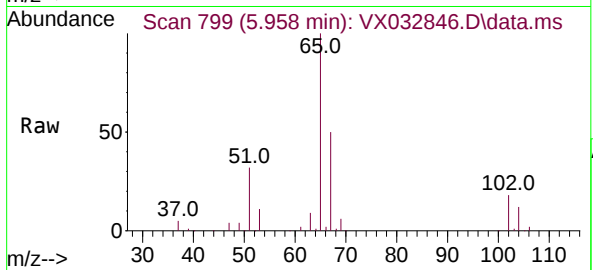
MW-4

Tgt Ion: 65 Resp: 73115

Ion Ratio Lower Upper

65 100

67 50.5 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: VX032846.D

Acq: 16 Nov 2022 05:25

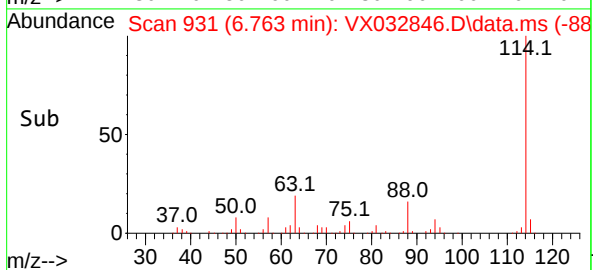
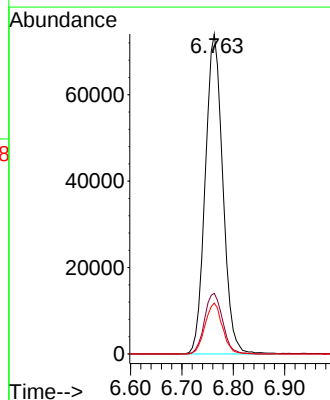
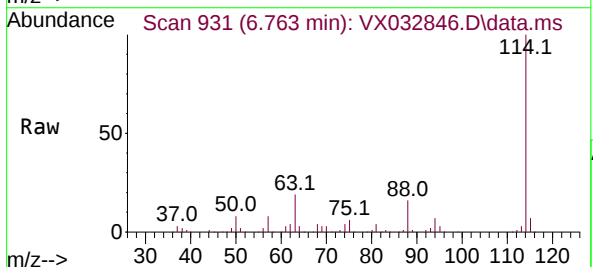
Tgt Ion: 114 Resp: 175531

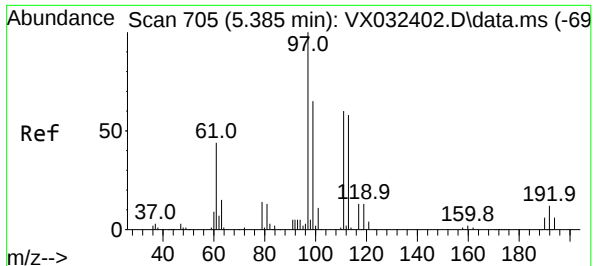
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.105 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032846.D

Acq: 16 Nov 2022 05:25

Instrument :

MSVOA_X

ClientSampleId :

MW-4

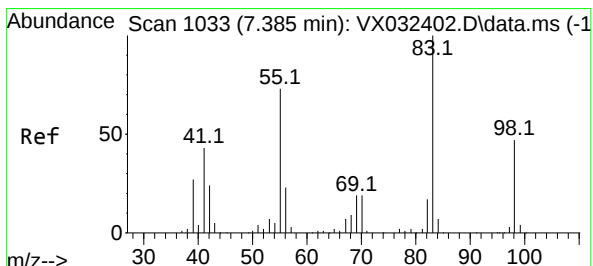
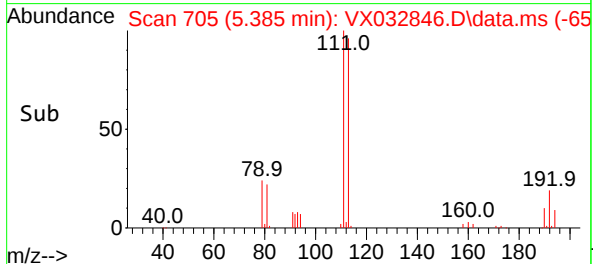
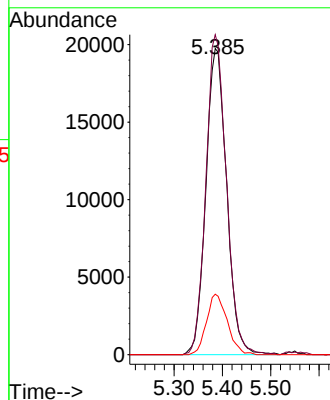
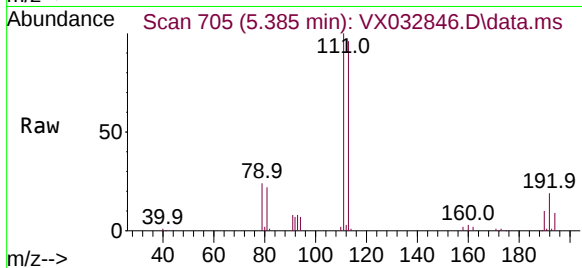
Tgt Ion:113 Resp: 58979

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 19.6 15.4 23.2



#39

Methylcyclohexane

Concen: 0.852 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032846.D

Acq: 16 Nov 2022 05:25

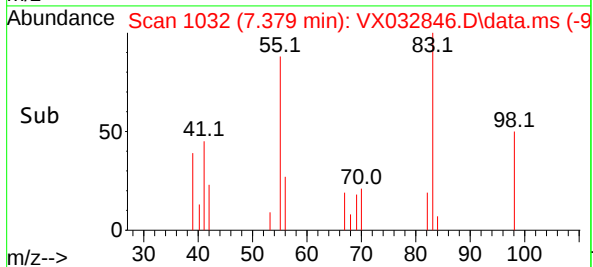
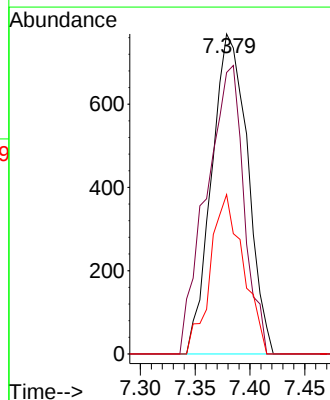
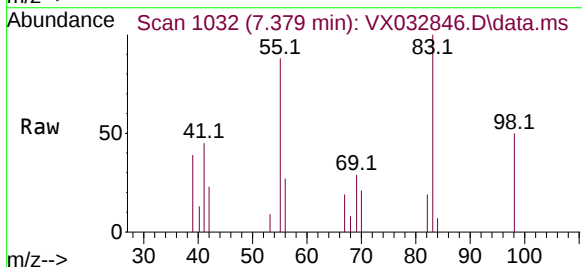
Tgt Ion: 83 Resp: 1757

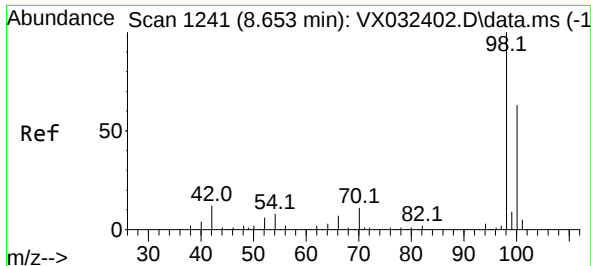
Ion Ratio Lower Upper

83 100

55 87.9 58.4 87.6#

98 49.8 37.2 55.8

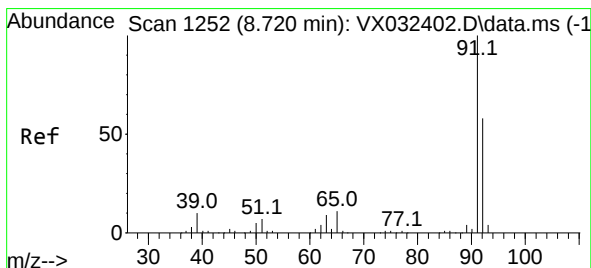
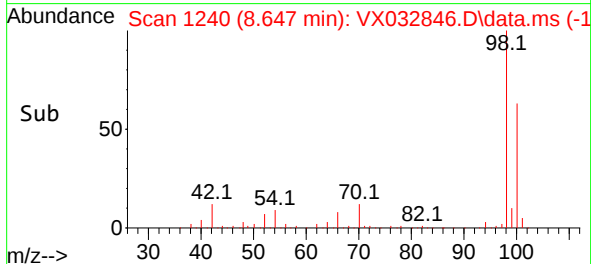
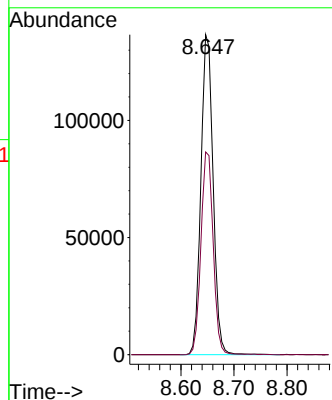
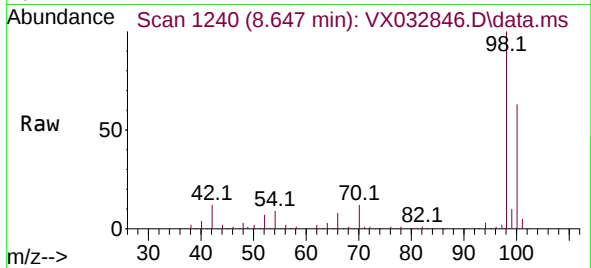




#50
Toluene-d8
Concen: 49.971 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032846.D
Acq: 16 Nov 2022 05:25

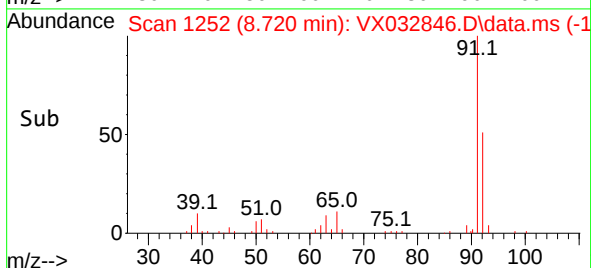
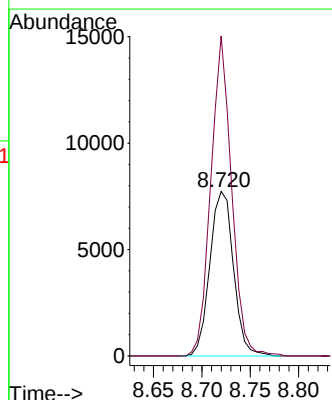
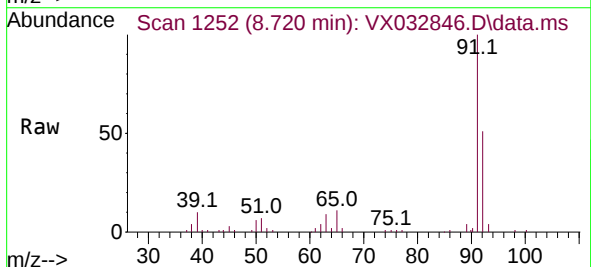
Instrument :
MSVOA_X
ClientSampleId :
MW-4

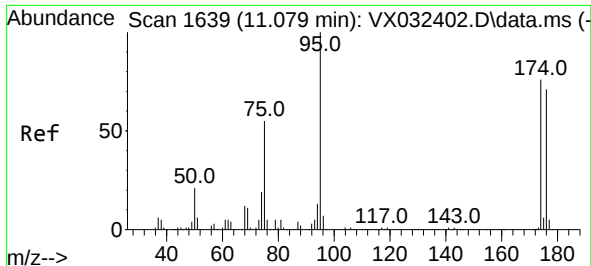
Tgt Ion: 98 Resp: 217562
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#52
Toluene
Concen: 4.082 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032846.D
Acq: 16 Nov 2022 05:25

Tgt Ion: 92 Resp: 13139
Ion Ratio Lower Upper
92 100
91 171.0 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 49.906 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032846.D

Acq: 16 Nov 2022 05:25

Instrument :

MSVOA_X

ClientSampleId :

MW-4

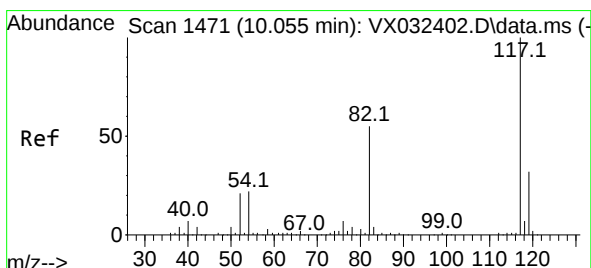
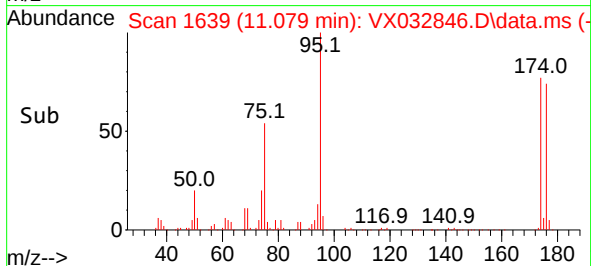
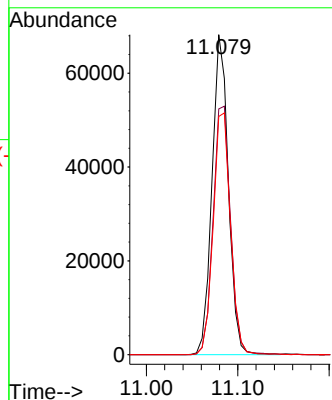
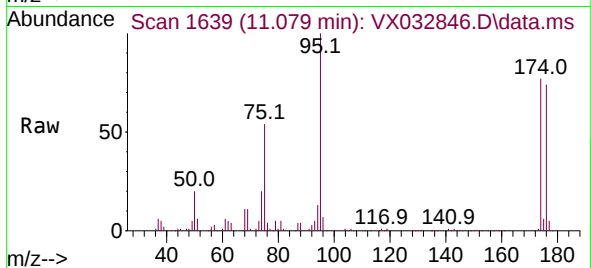
Tgt Ion: 95 Resp: 84875

Ion Ratio Lower Upper

95 100

174 82.7 0.0 164.0

176 80.1 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: VX032846.D

Acq: 16 Nov 2022 05:25

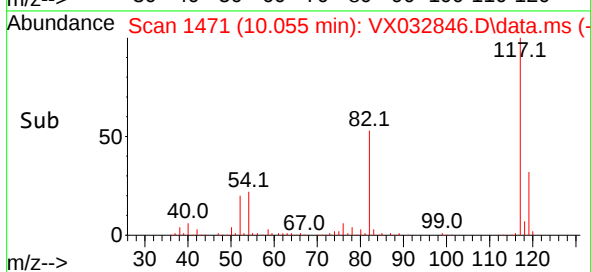
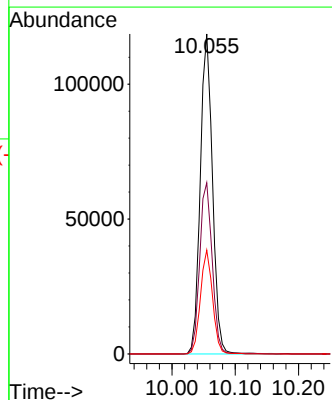
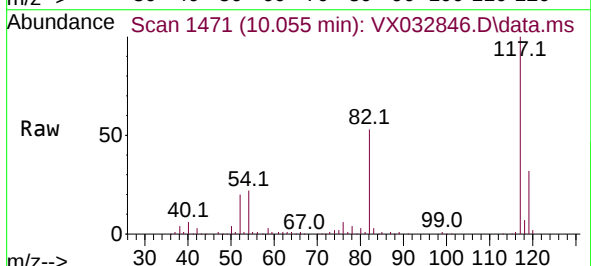
Tgt Ion: 117 Resp: 157840

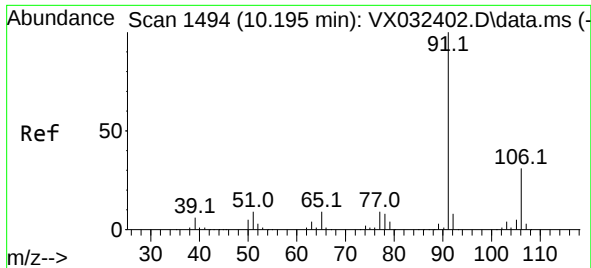
Ion Ratio Lower Upper

117 100

82 53.5 44.3 66.5

119 32.4 25.7 38.5





#67

Ethyl Benzene

Concen: 16.412 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032846.D

Acq: 16 Nov 2022 05:25

Instrument :

MSVOA_X

ClientSampleId :

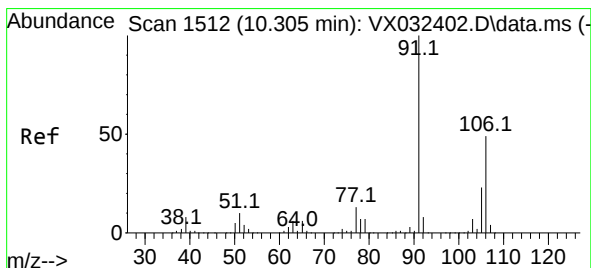
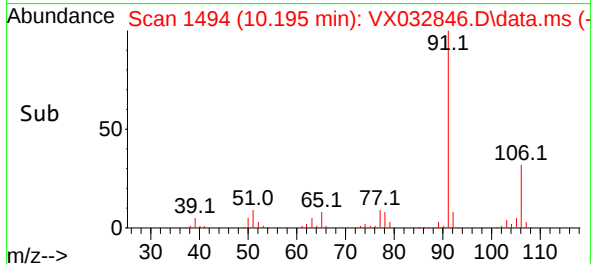
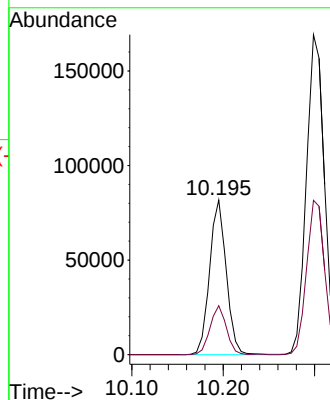
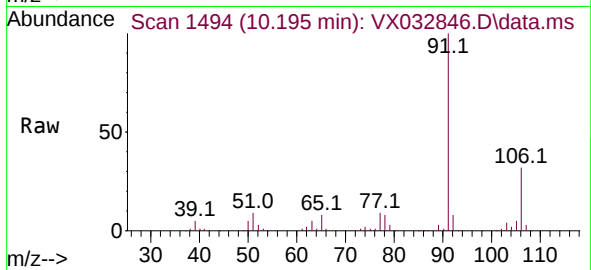
MW-4

Tgt Ion: 91 Resp: 103765

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6



#68

m/p-Xylenes

Concen: 45.754 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX032846.D

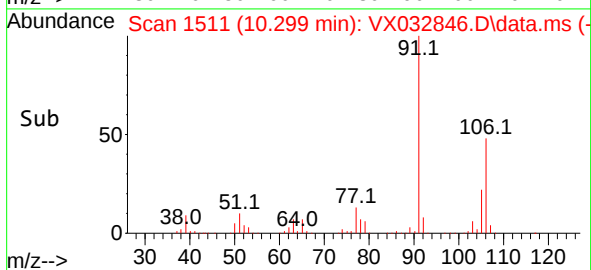
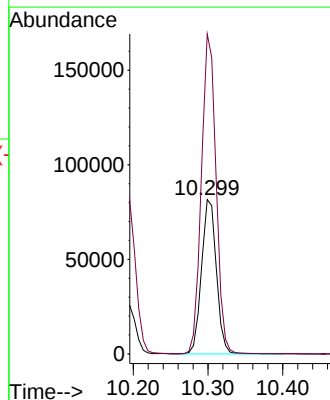
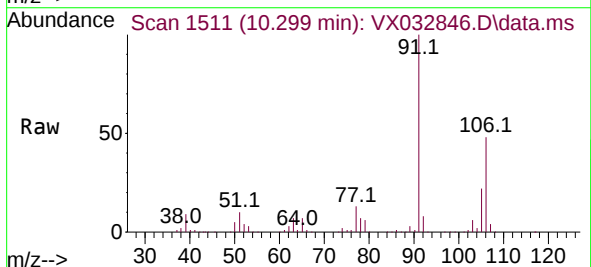
Acq: 16 Nov 2022 05:25

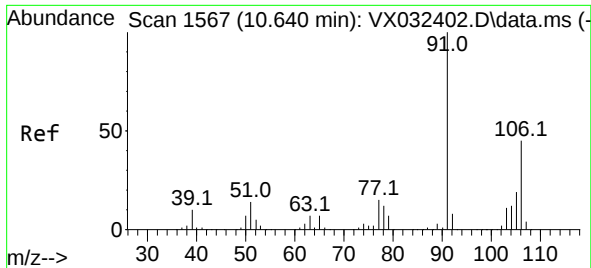
Tgt Ion: 106 Resp: 112331

Ion Ratio Lower Upper

106 100

91 205.7 164.5 246.7

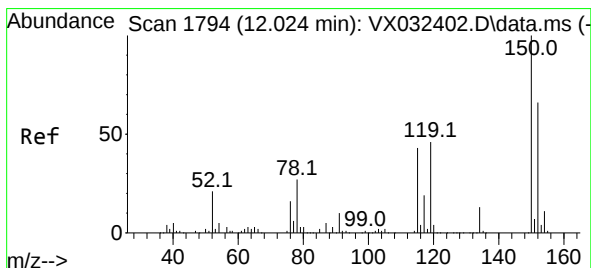
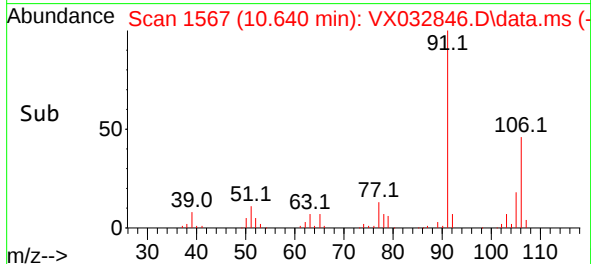
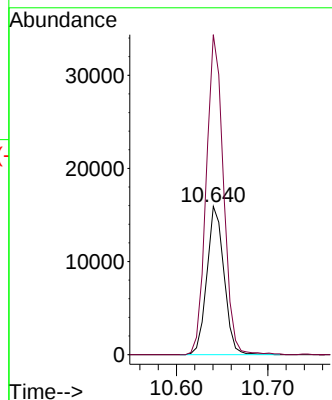
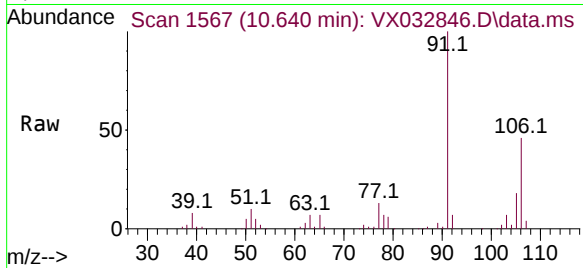




#69
o-Xylene
Concen: 8.697 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032846.D
Acq: 16 Nov 2022 05:25

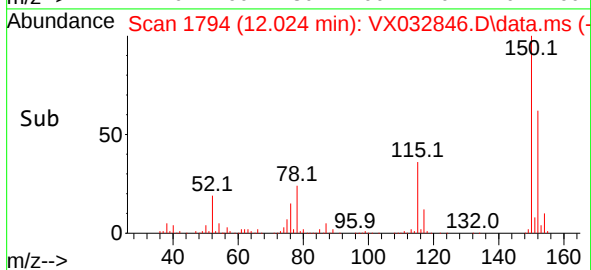
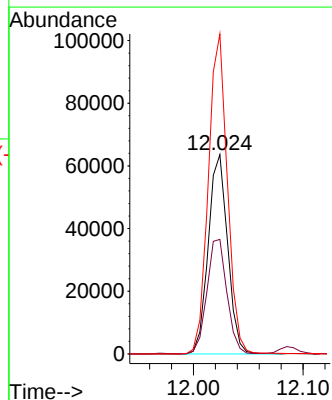
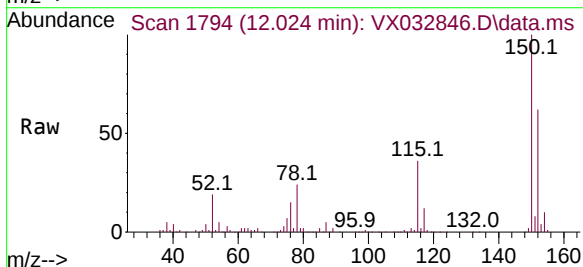
Instrument :
MSVOA_X
ClientSampleId :
MW-4

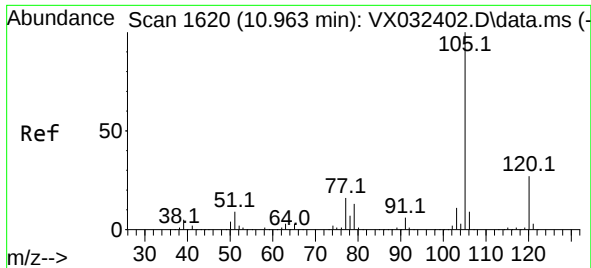
Tgt Ion:106 Resp: 20761
Ion Ratio Lower Upper
106 100
91 216.9 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032846.D
Acq: 16 Nov 2022 05:25

Tgt Ion:152 Resp: 78279
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 157.3 0.0 351.8

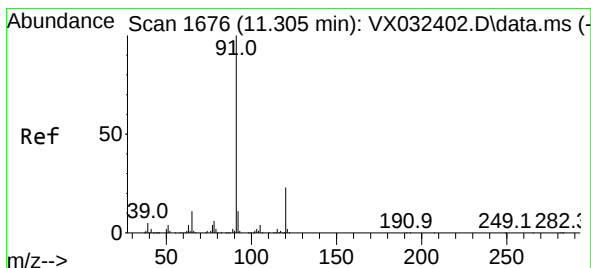
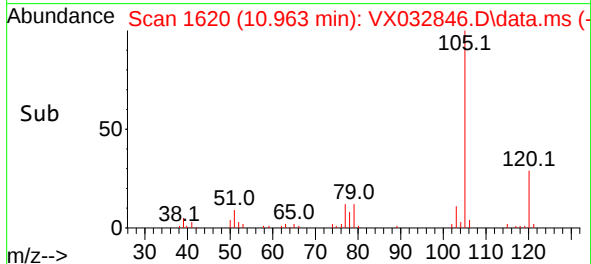
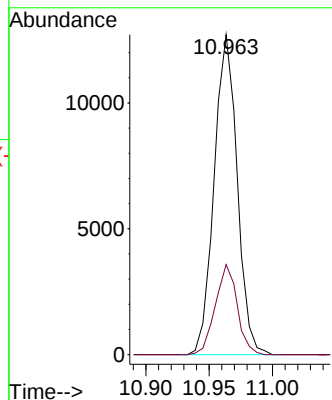
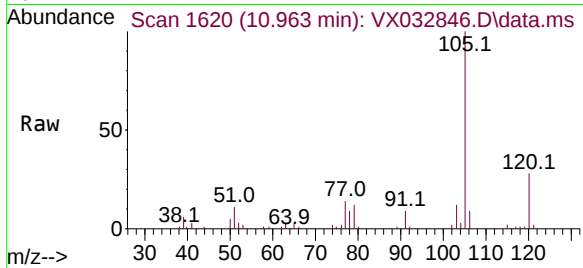




#73
Isopropylbenzene
Concen: 2.597 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032846.D
Acq: 16 Nov 2022 05:25

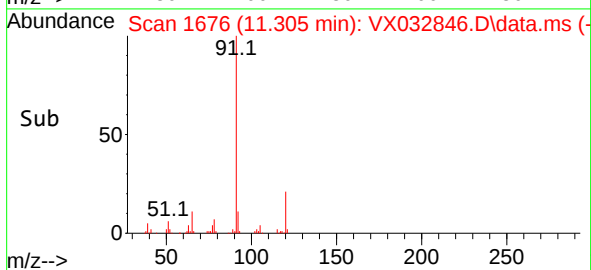
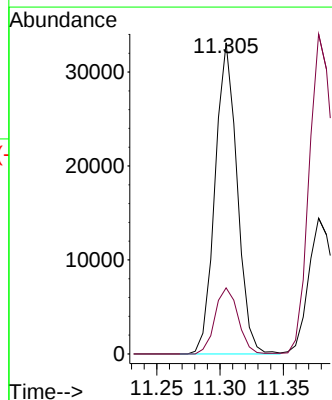
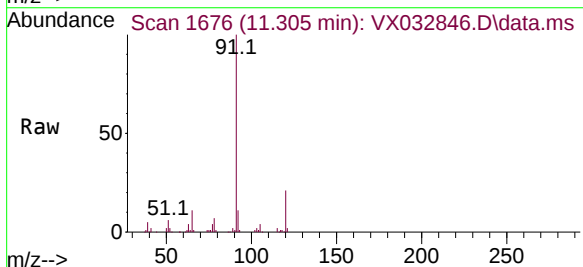
Instrument :
MSVOA_X
ClientSampleId :
MW-4

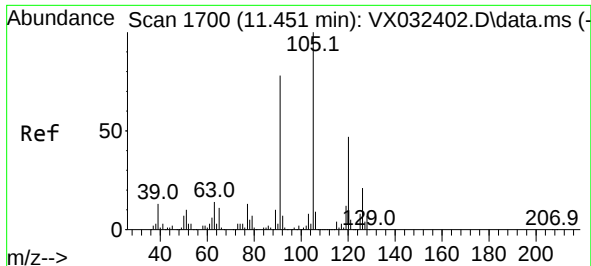
Tgt Ion:105 Resp: 16109
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#78
n-propylbenzene
Concen: 5.632 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032846.D
Acq: 16 Nov 2022 05:25

Tgt Ion: 91 Resp: 40249
Ion Ratio Lower Upper
91 100
120 22.2 11.6 34.8

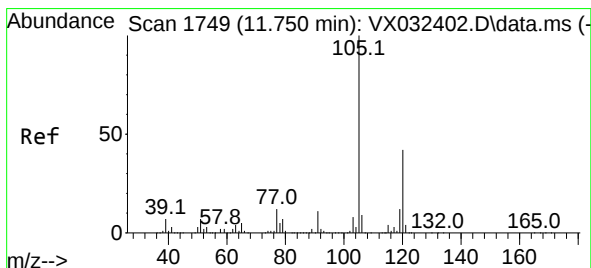
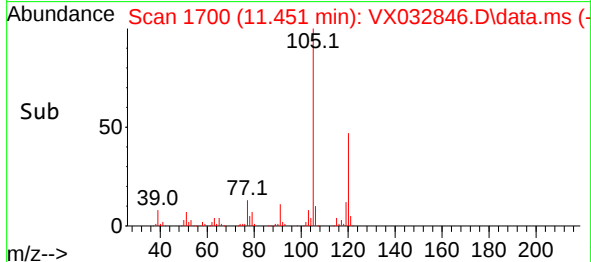
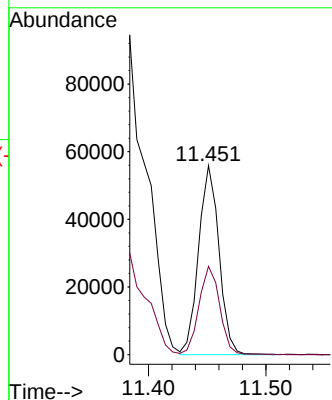
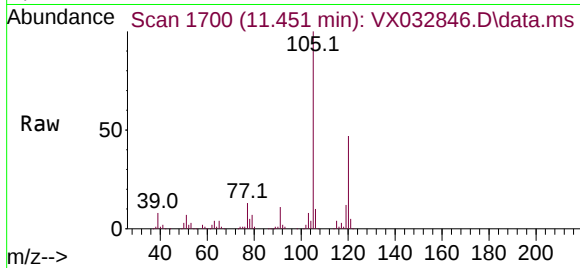




#80
 1,3,5-Trimethylbenzene
 Concen: 12.729 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX032846.D
 Acq: 16 Nov 2022 05:25

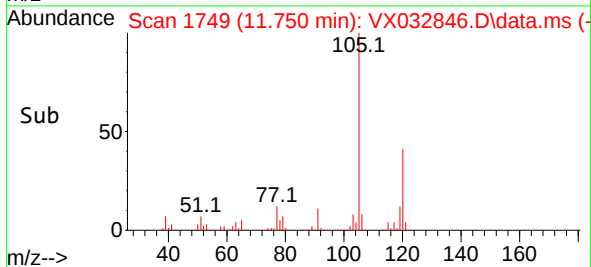
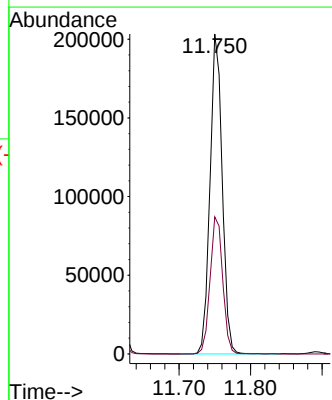
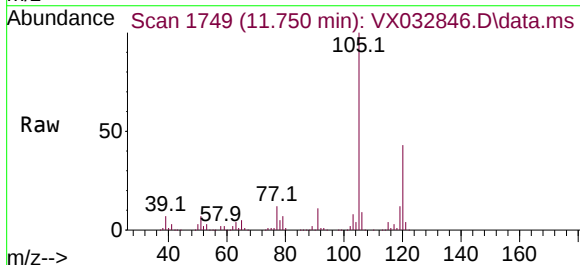
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

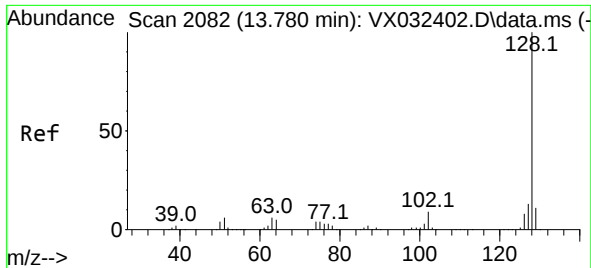
Tgt Ion:105 Resp: 67482
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.6 71.0



#84
 1,2,4-Trimethylbenzene
 Concen: 45.818 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX032846.D
 Acq: 16 Nov 2022 05:25

Tgt Ion:105 Resp: 241590
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.9 65.5





#95

Naphthalene

Concen: 7.061 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX032846.D

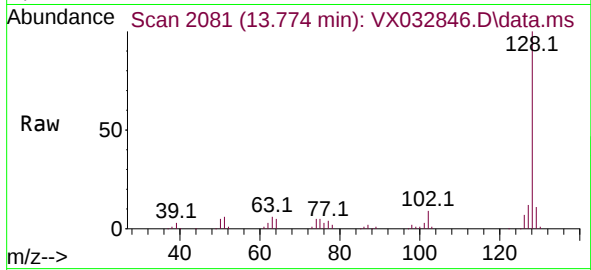
Acq: 16 Nov 2022 05:25

Instrument :

MSVOA_X

ClientSampleId :

MW-4



Tgt Ion:128 Resp: 43395

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.2 8.9 13.3

