

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035366.D
 Acq On : 28 Apr 2023 05:22
 Operator : JC/MD
 Sample : 02522-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Apr 28 06:44:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	232689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	380732	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137271	48.899	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.800%
35) Dibromofluoromethane	5.385	113	116910	50.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.060%
50) Toluene-d8	8.647	98	447533	50.768	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	170396	51.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.760%

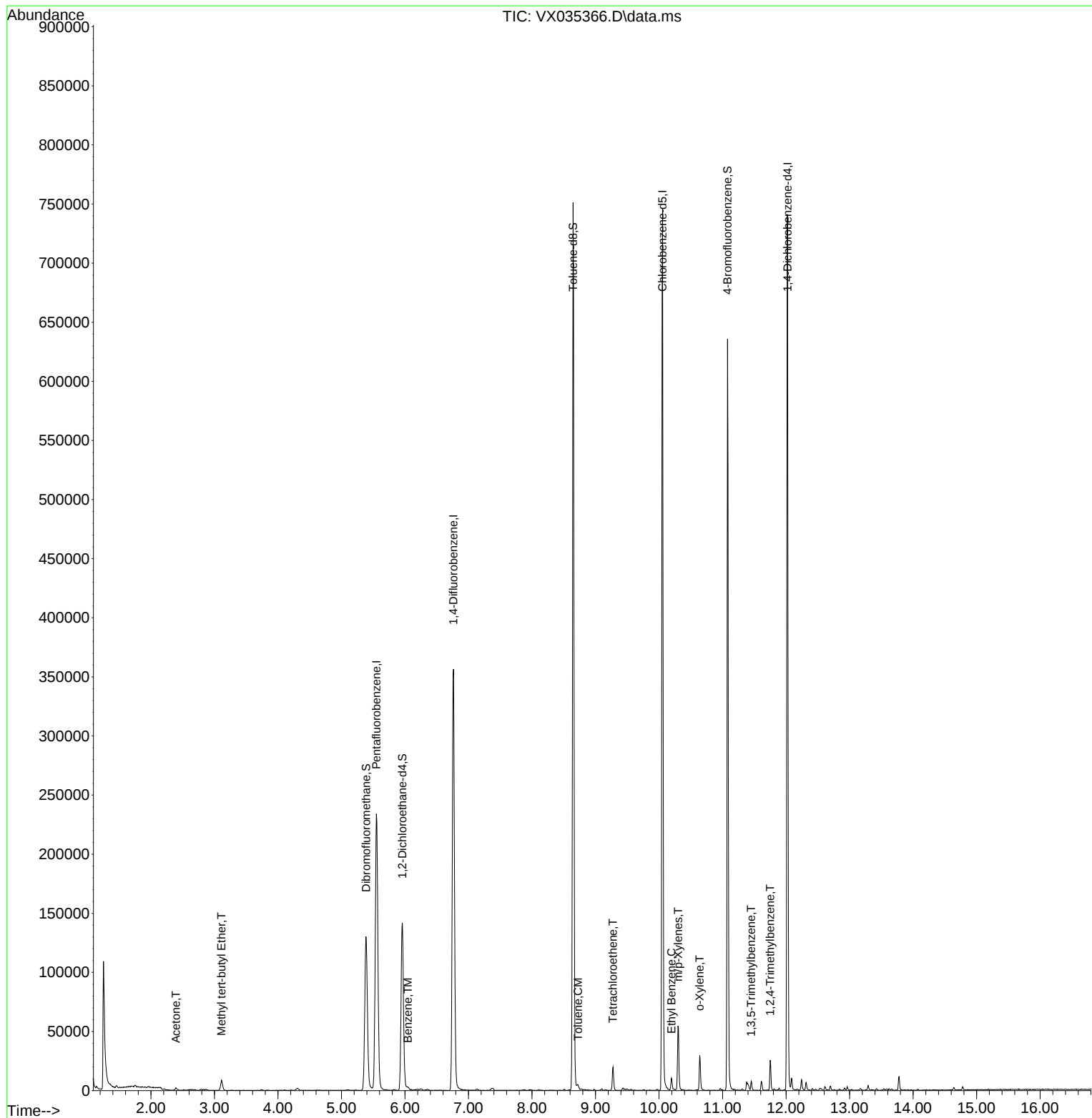
Target Compounds					Qvalue	
16) Acetone	2.392	43	2715	2.227	ug/l	89
19) Methyl tert-butyl Ether	3.111	73	8146	1.051	ug/l #	86
40) Benzene	6.043	78	2672	0.255	ug/l #	78
52) Toluene	8.726	92	1640	0.247	ug/l	89
64) Tetrachloroethene	9.275	164	4023	1.512	ug/l	94
67) Ethyl Benzene	10.195	91	6297	0.484	ug/l #	88
68) m/p-Xylenes	10.299	106	14076	2.822	ug/l	96
69) o-Xylene	10.640	106	6950	1.421	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	3682	0.363	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	11796	1.159	ug/l	100

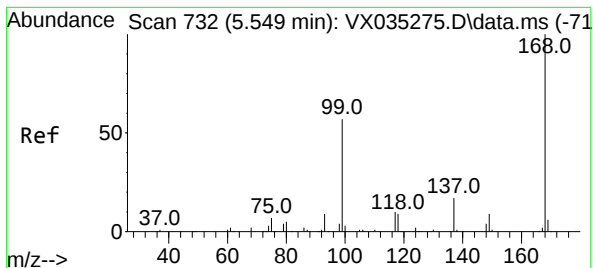
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX035366.D

Acq: 28 Apr 2023 05:22

Instrument :

MSVOA_X

ClientSampleId :

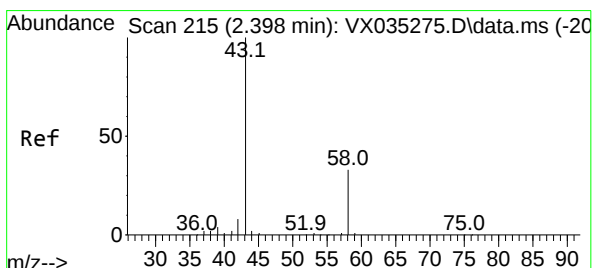
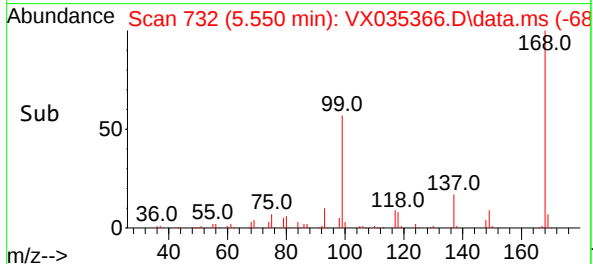
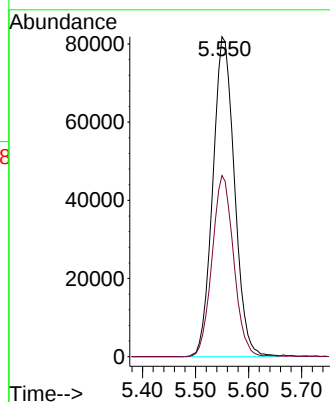
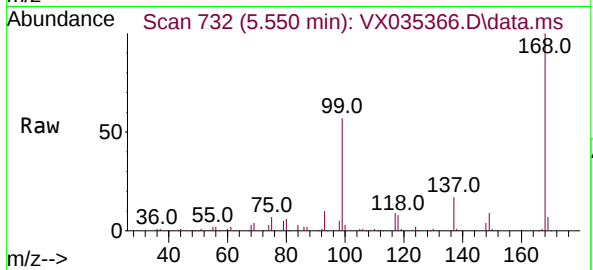
MW-11

Tgt Ion:168 Resp: 232689

Ion Ratio Lower Upper

168 100

99 56.6 45.7 68.5



#16

Acetone

Concen: 2.227 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035366.D

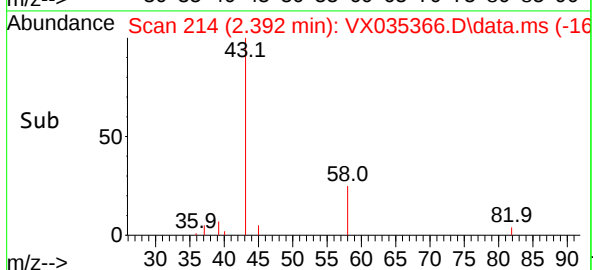
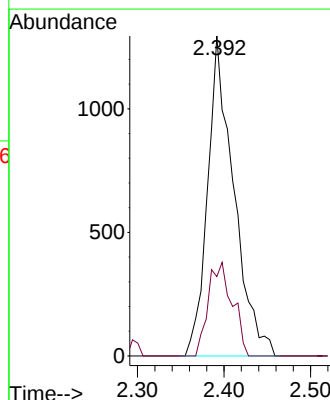
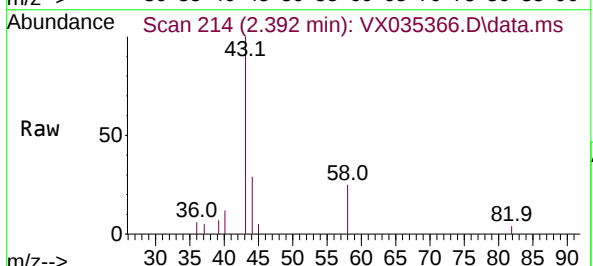
Acq: 28 Apr 2023 05:22

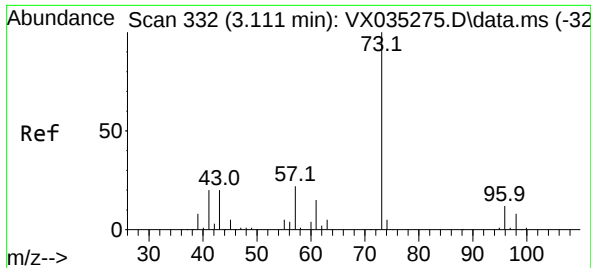
Tgt Ion: 43 Resp: 2715

Ion Ratio Lower Upper

43 100

58 24.8 24.7 37.1

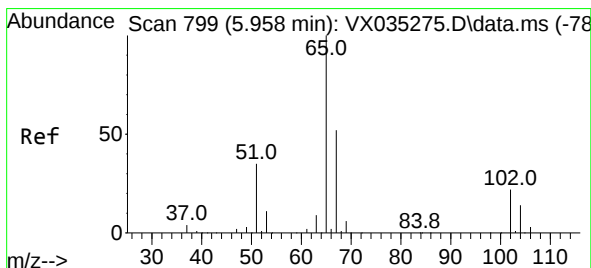
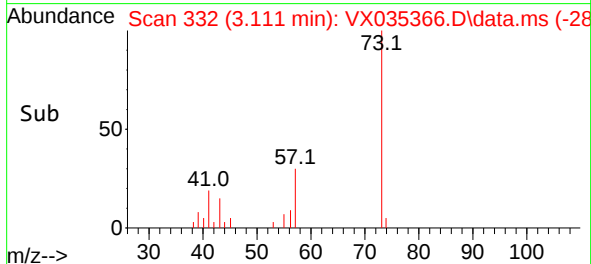
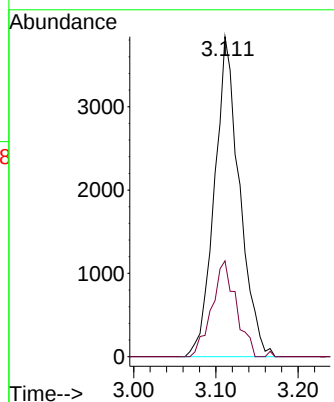
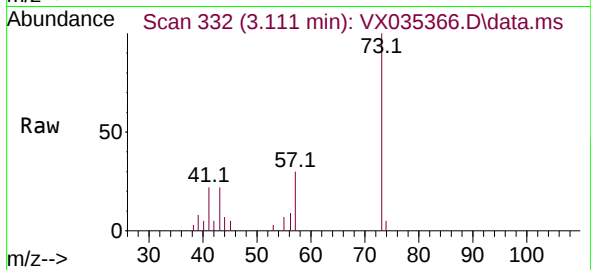




#19
Methyl tert-butyl Ether
Concen: 1.051 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

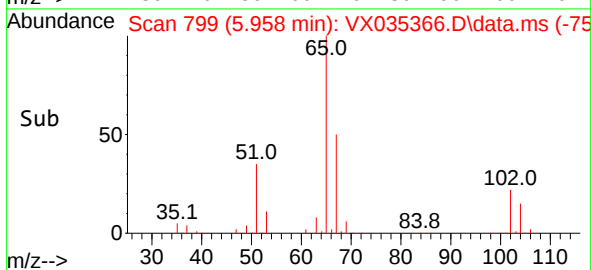
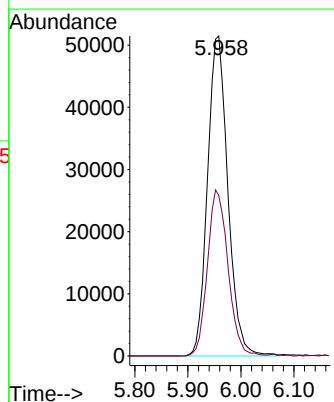
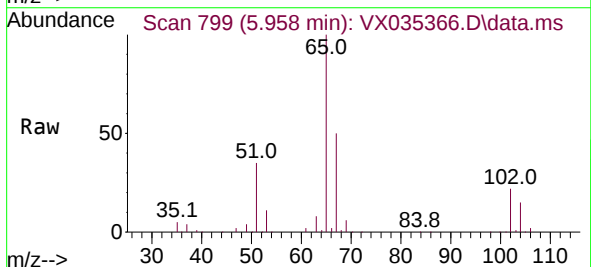
Instrument :
MSVOA_X
ClientSampleId :
MW-11

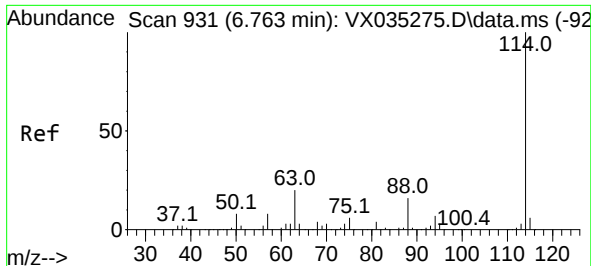
Tgt Ion: 73 Resp: 8146
Ion Ratio Lower Upper
73 100
57 29.9 18.5 27.7#



#33
1,2-Dichloroethane-d4
Concen: 48.899 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

Tgt Ion: 65 Resp: 137271
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

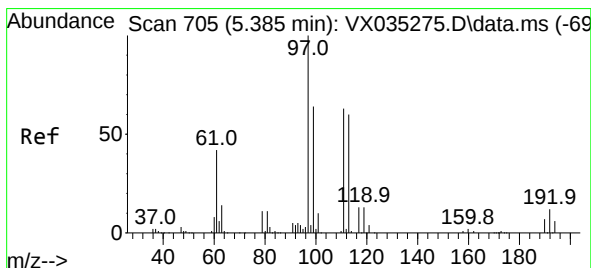
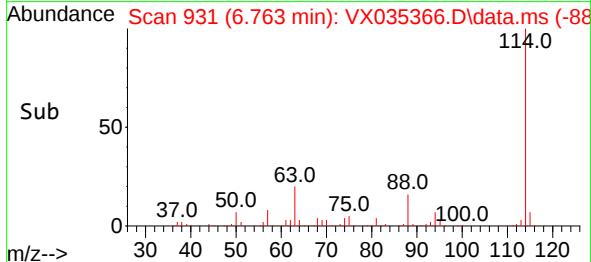
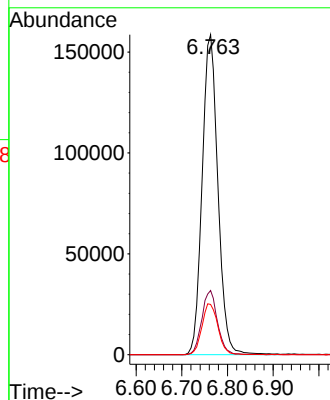
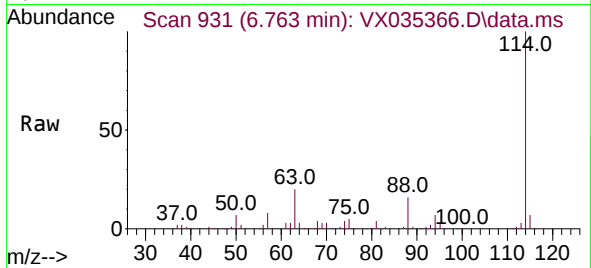




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

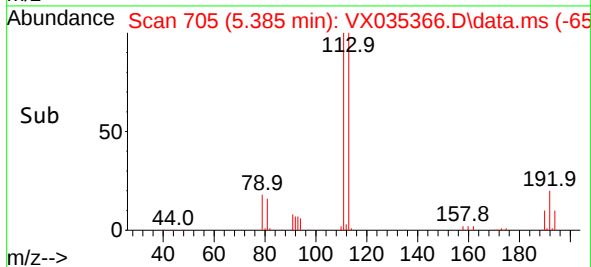
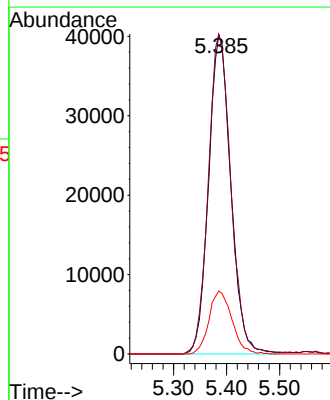
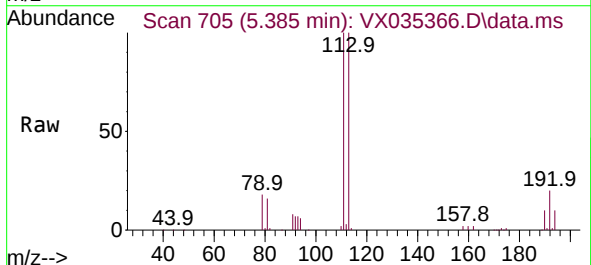
Instrument :
MSVOA_X
ClientSampleId :
MW-11

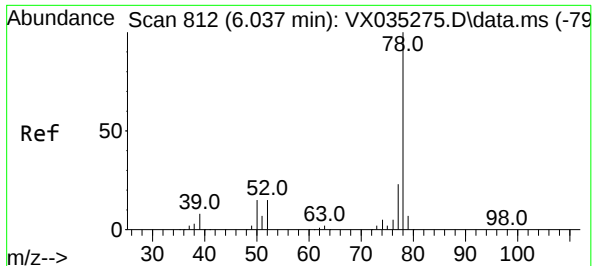
Tgt Ion:114 Resp: 380732
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.029 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

Tgt Ion:113 Resp: 116910
Ion Ratio Lower Upper
113 100
111 101.5 83.7 125.5
192 20.3 15.4 23.2





#40

Benzene

Concen: 0.255 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX035366.D

Acq: 28 Apr 2023 05:22

Instrument :

MSVOA_X

ClientSampleId :

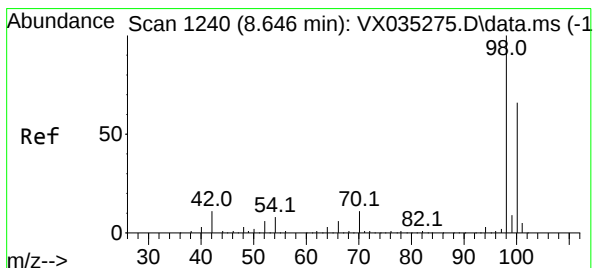
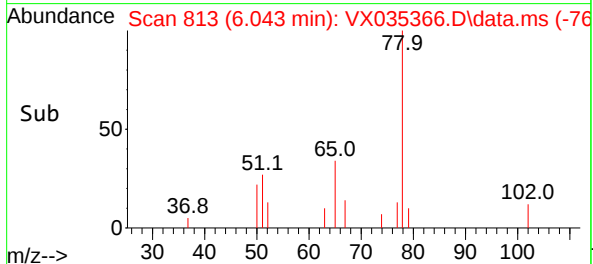
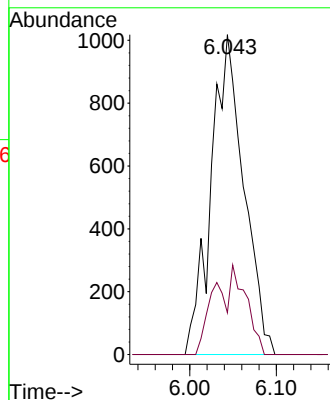
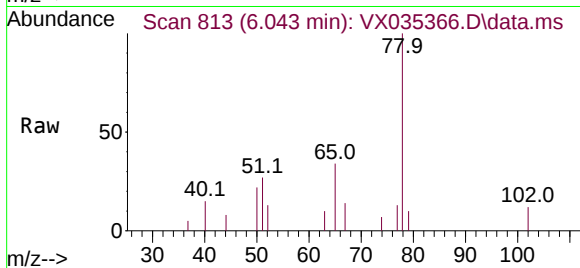
MW-11

Tgt Ion: 78 Resp: 2672

Ion Ratio Lower Upper

78 100

77 13.1 19.0 28.4#



#50

Toluene-d8

Concen: 50.768 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035366.D

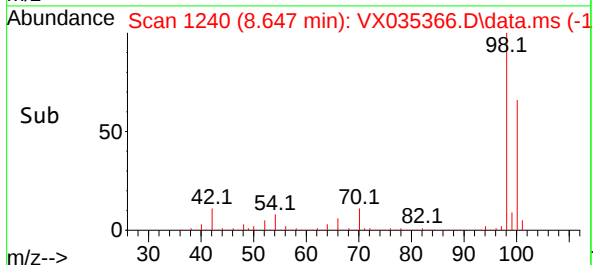
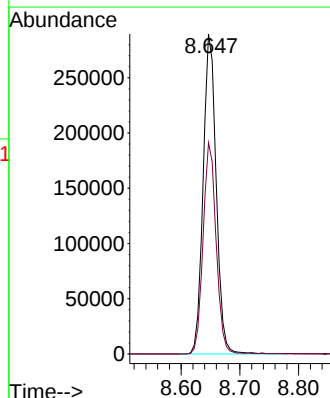
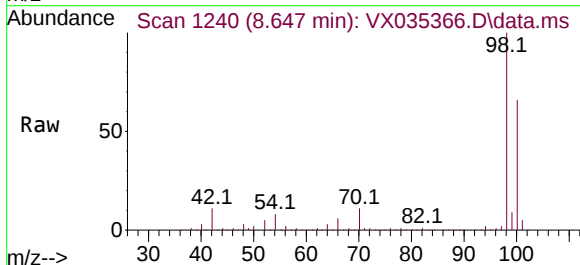
Acq: 28 Apr 2023 05:22

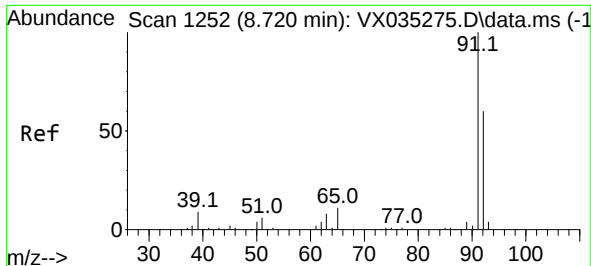
Tgt Ion: 98 Resp: 447533

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7





#52

Toluene

Concen: 0.247 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX035366.D

Acq: 28 Apr 2023 05:22

Instrument :

MSVOA_X

ClientSampleId :

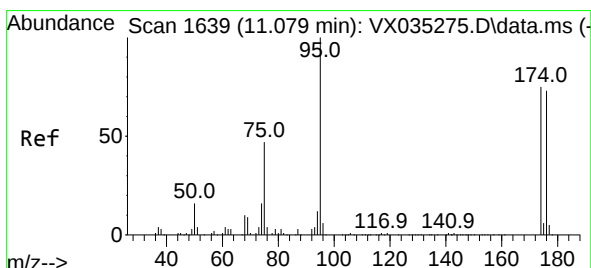
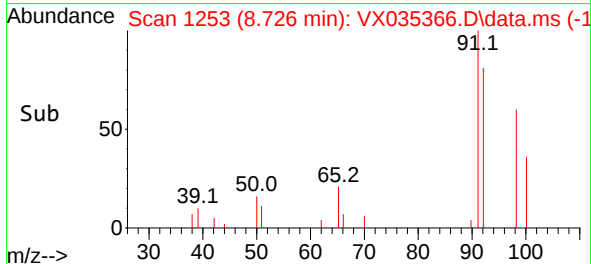
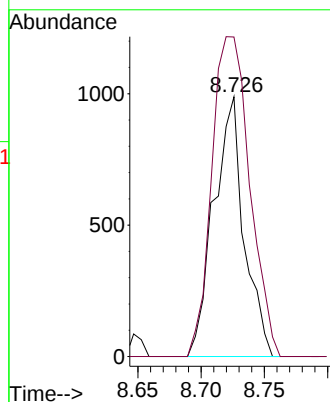
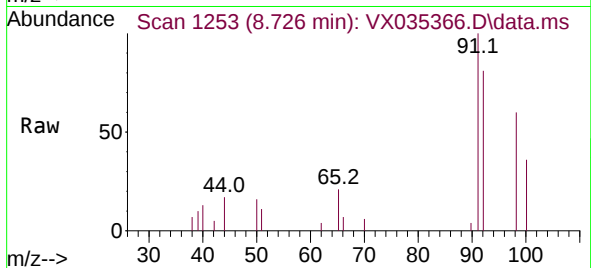
MW-11

Tgt Ion: 92 Resp: 1640

Ion Ratio Lower Upper

92 100

91 155.5 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 51.384 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035366.D

Acq: 28 Apr 2023 05:22

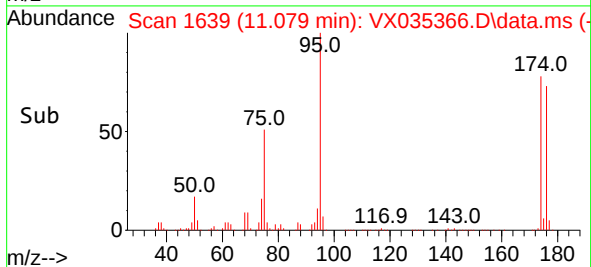
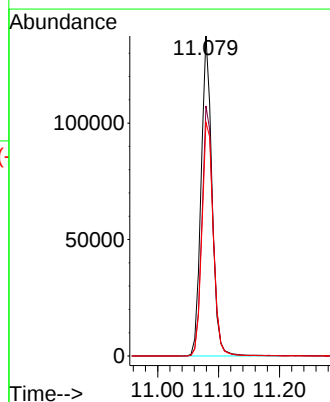
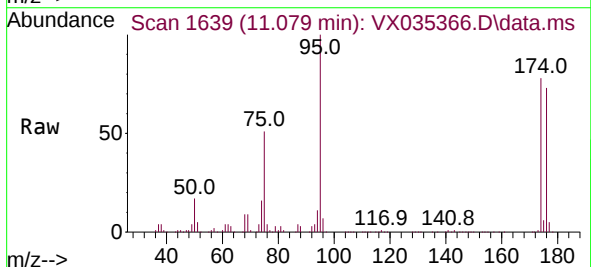
Tgt Ion: 95 Resp: 170396

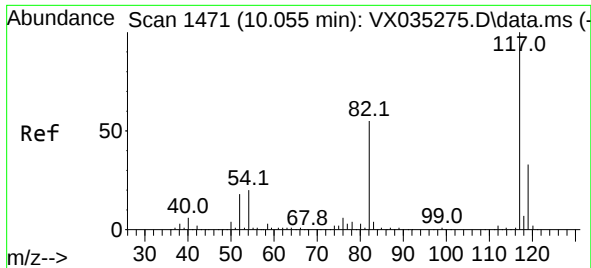
Ion Ratio Lower Upper

95 100

174 80.1 0.0 147.4

176 76.4 0.0 140.6

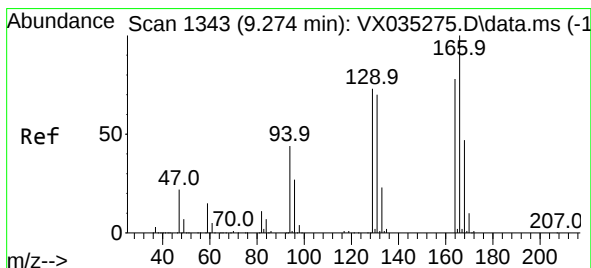
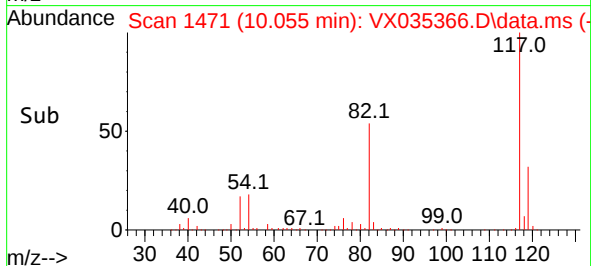
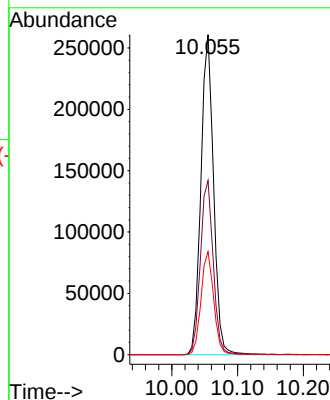
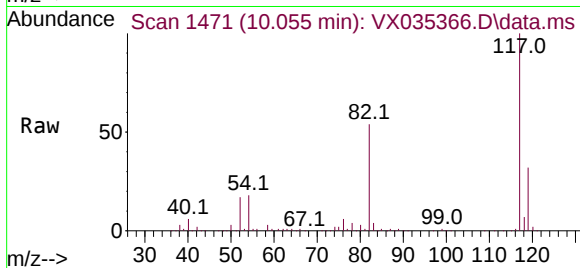




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

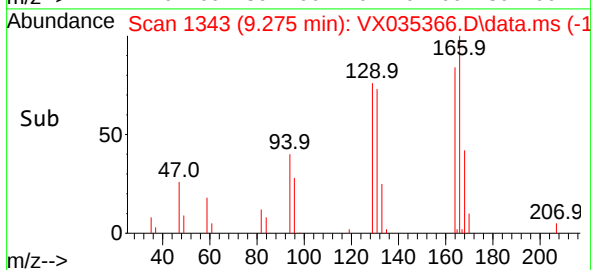
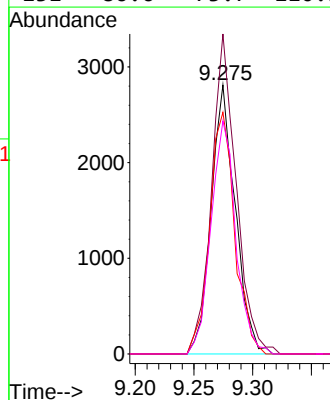
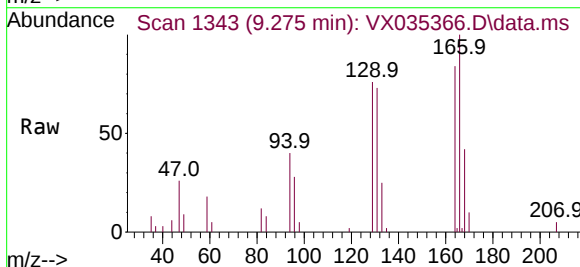
Instrument : MSVOA_X
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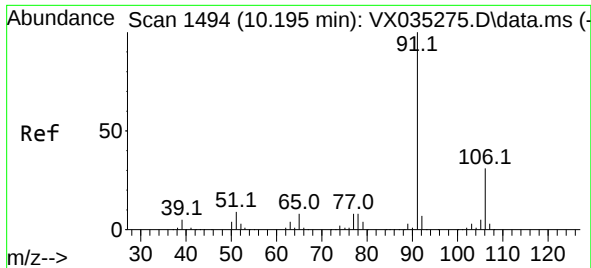
Tgt Ion:117 Resp: 347472
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 1.512 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

Tgt Ion:164 Resp: 4023
Ion Ratio Lower Upper
164 100
166 119.0 102.7 154.1
129 89.9 75.6 113.4
131 86.6 73.7 110.5

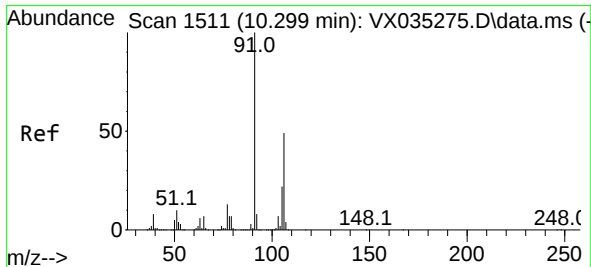
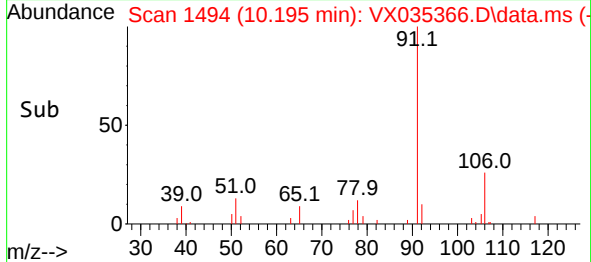
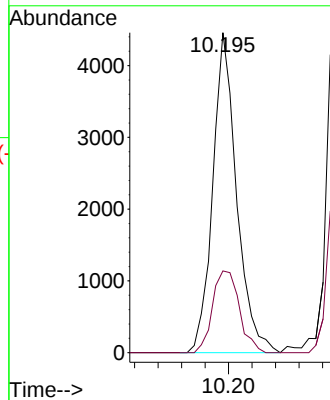
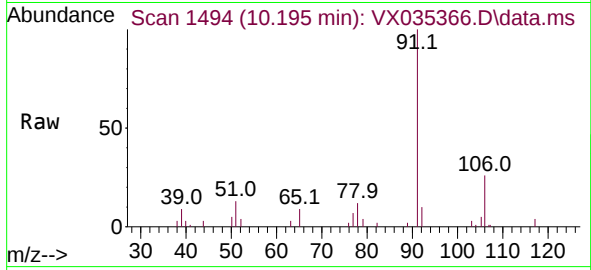




#67
Ethyl Benzene
Concen: 0.484 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

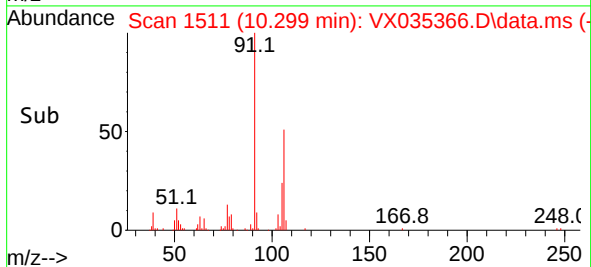
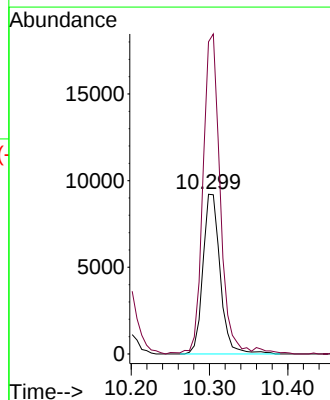
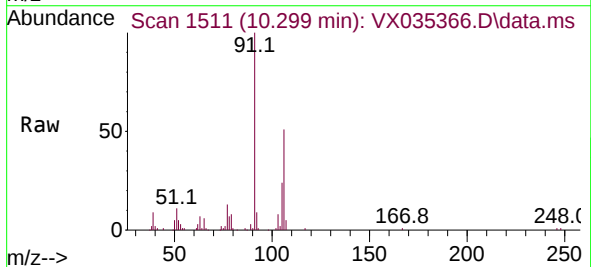
Instrument :
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MW-11

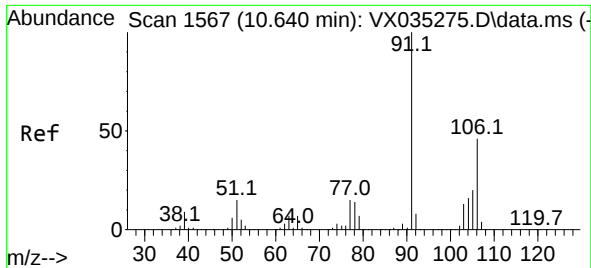
Tgt Ion: 91 Resp: 6297
Ion Ratio Lower Upper
91 100
106 25.6 25.6 38.4#



#68
m/p-Xylenes
Concen: 2.822 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

Tgt Ion: 106 Resp: 14076
Ion Ratio Lower Upper
106 100
91 198.5 164.0 246.0

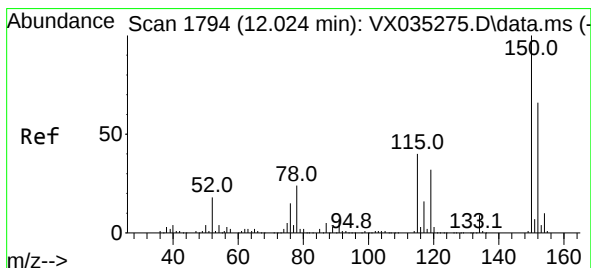
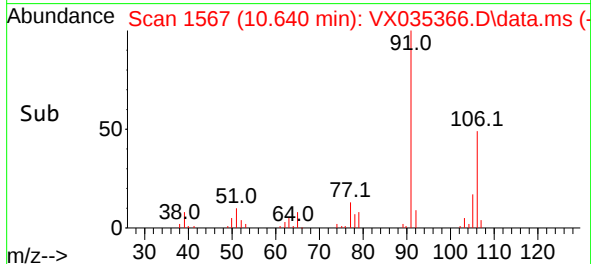
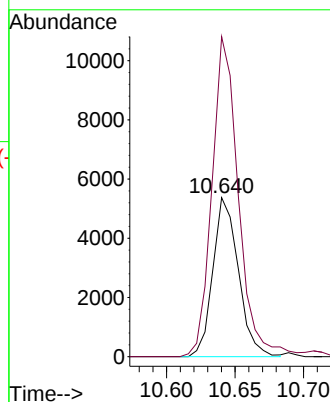
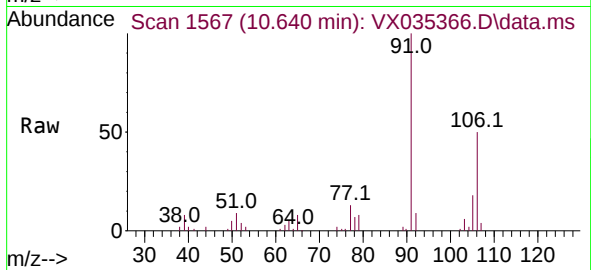




#69
o-Xylene
Concen: 1.421 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

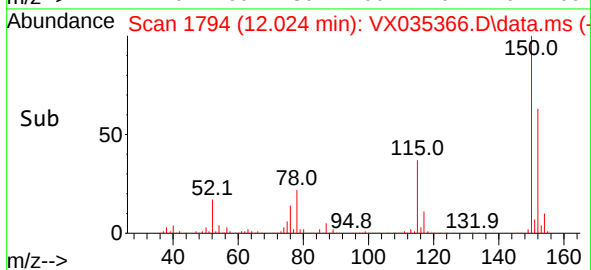
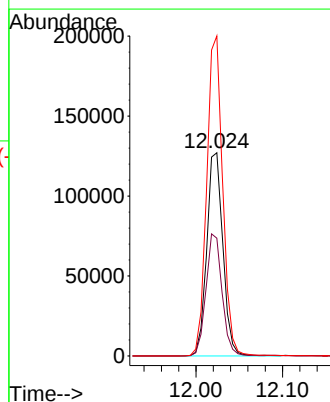
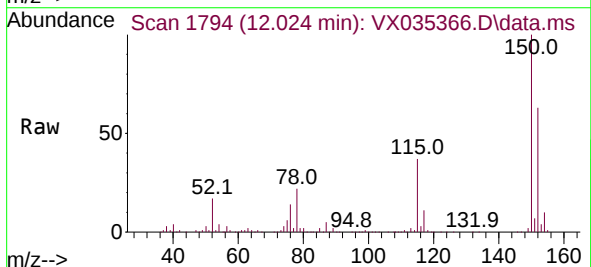
Instrument :
MSVOA_X
ClientSampleId :
MW-11

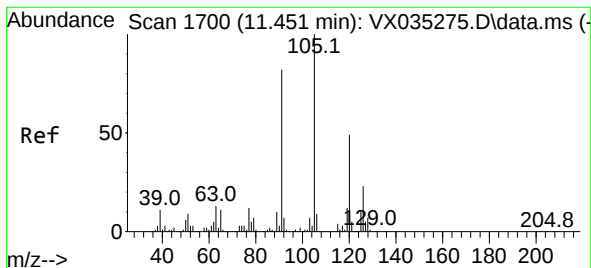
Tgt Ion:106 Resp: 6950
Ion Ratio Lower Upper
106 100
91 208.4 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035366.D
Acq: 28 Apr 2023 05:22

Tgt Ion:152 Resp: 164402
Ion Ratio Lower Upper
152 100
115 59.9 45.0 135.0
150 156.1 0.0 352.4





#80

1,3,5-Trimethylbenzene

Concen: 0.363 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035366.D

Acq: 28 Apr 2023 05:22

Instrument :

MSVOA_X

ClientSampleId :

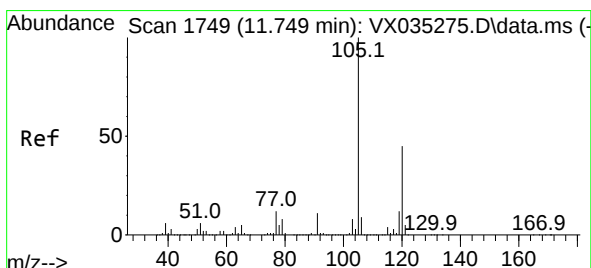
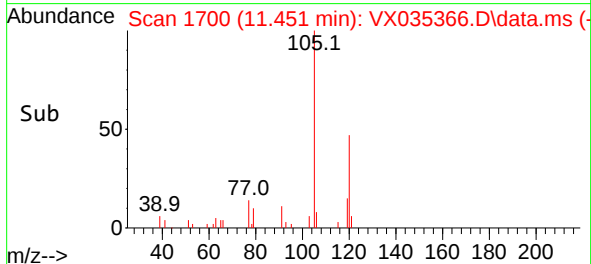
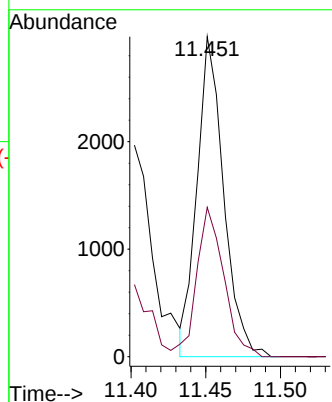
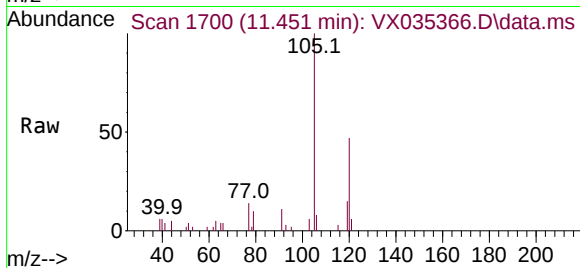
MW-11

Tgt Ion:105 Resp: 3682

Ion Ratio Lower Upper

105 100

120 47.5 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 1.159 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035366.D

Acq: 28 Apr 2023 05:22

Tgt Ion:105 Resp: 11796

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.0

