

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035403.D
 Acq On : 28 Apr 2023 19:58
 Operator : JC/MD
 Sample : 02522-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Quant Time: Apr 29 00:43:57 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)

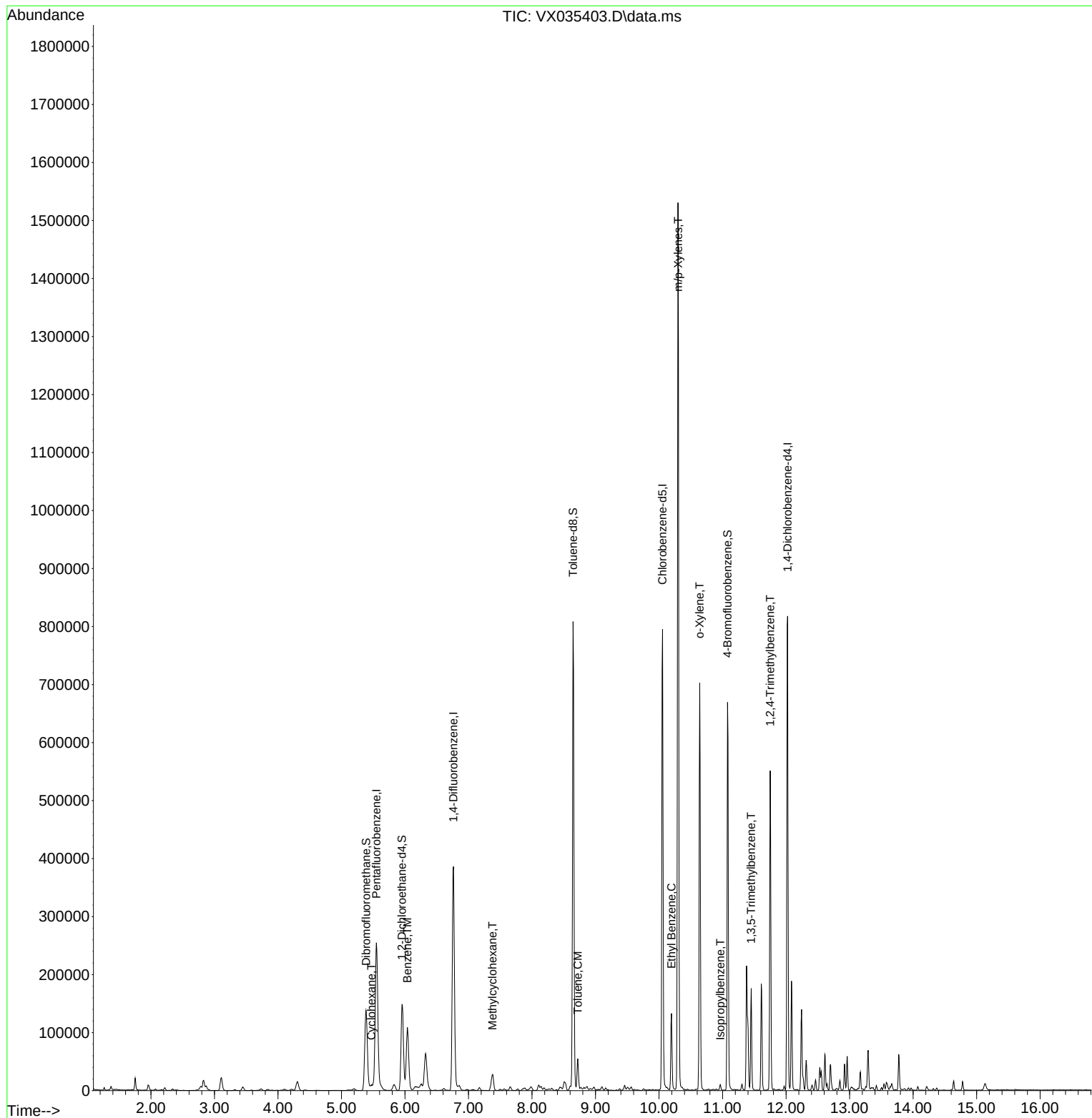
Internal Standards						
1) Pentafluorobenzene	5.550	168	249852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145979	48.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.860%
35) Dibromofluoromethane	5.385	113	123734	49.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	8.647	98	481059	50.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.360%
62) 4-Bromofluorobenzene	11.079	95	187338	52.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.940%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	6232	1.457	ug/l #	92
39) Methylcyclohexane	7.379	83	12419	2.597	ug/l	91
40) Benzene	6.037	78	132902	11.792	ug/l	98
52) Toluene	8.720	92	20251	2.835	ug/l	99
67) Ethyl Benzene	10.195	91	79082	5.646	ug/l	98
68) m/p-Xylenes	10.299	106	351381	65.473	ug/l	100
69) o-Xylene	10.640	106	153874	29.239	ug/l	98
73) Isopropylbenzene	10.963	105	4943	0.368	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	73482	6.492	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	242763	21.346	ug/l	98

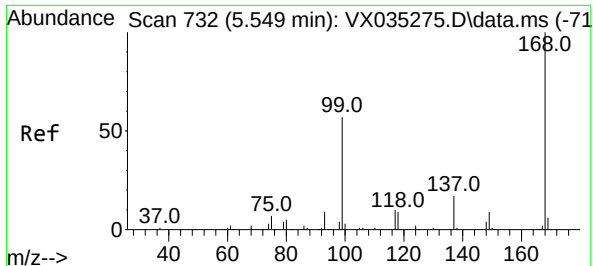
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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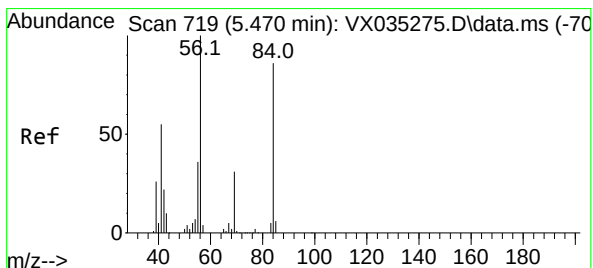
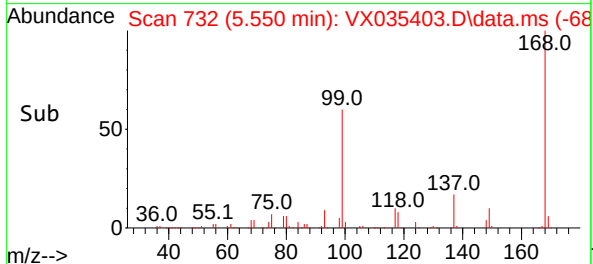
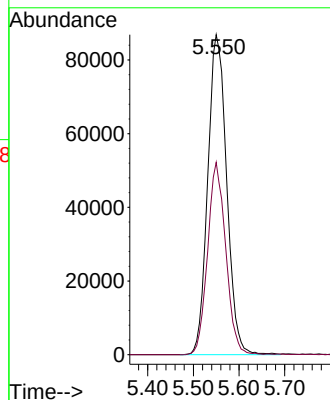
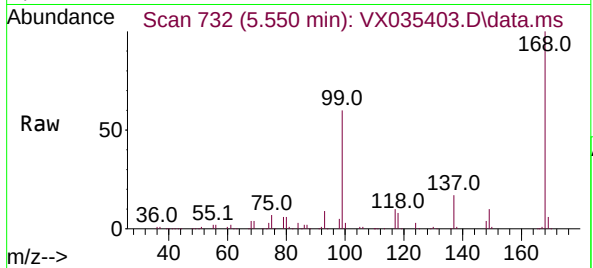




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

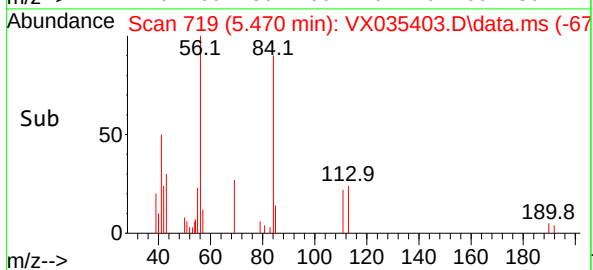
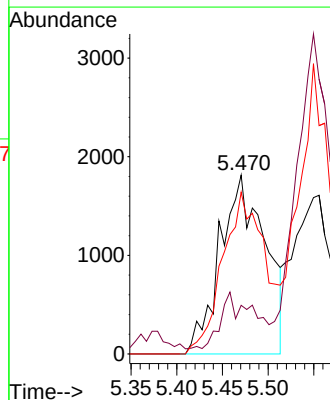
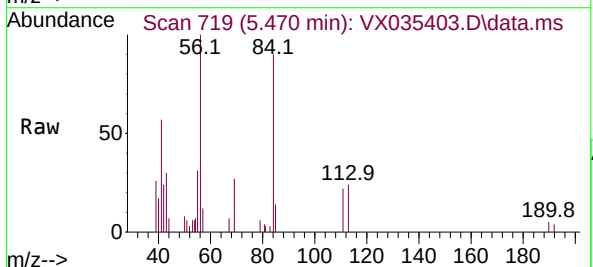
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

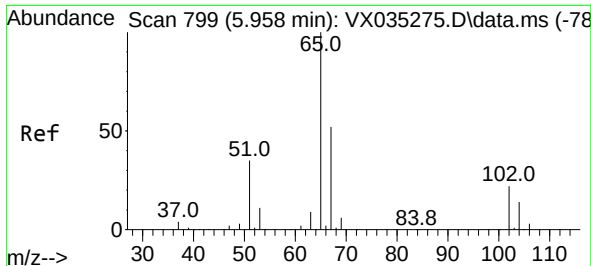
Tgt Ion:168 Resp: 249852
Ion Ratio Lower Upper
168 100
99 60.1 45.7 68.5



#31
Cyclohexane
Concen: 1.457 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

Tgt Ion: 56 Resp: 6232
Ion Ratio Lower Upper
56 100
69 21.6 23.7 35.5#
84 90.5 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 48.429 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035403.D

Acq: 28 Apr 2023 19:58

Instrument :

MSVOA_X

ClientSampleId :

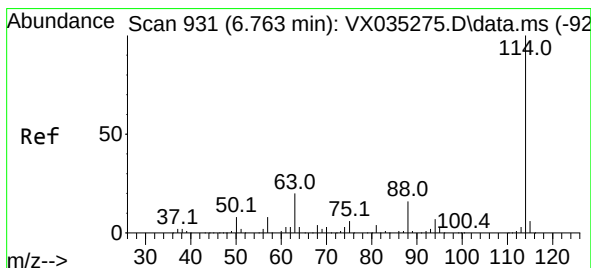
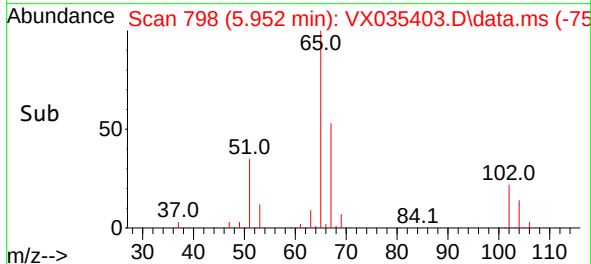
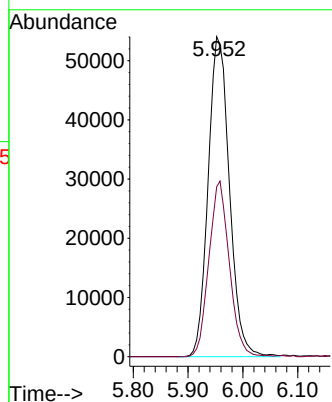
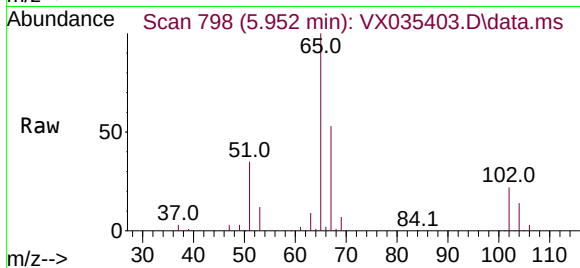
MW-6DL

Tgt Ion: 65 Resp: 145979

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035403.D

Acq: 28 Apr 2023 19:58

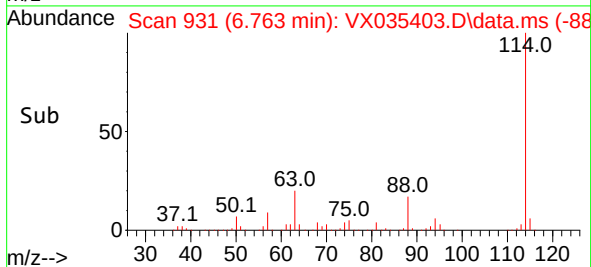
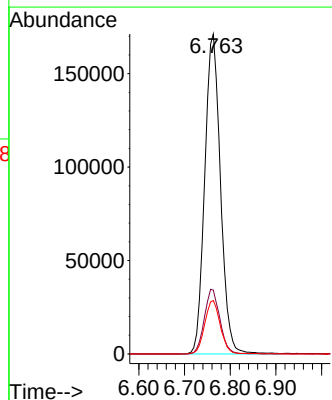
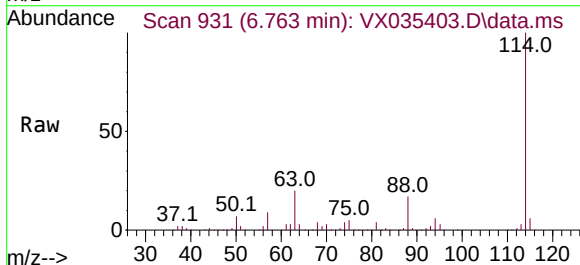
Tgt Ion: 114 Resp: 409955

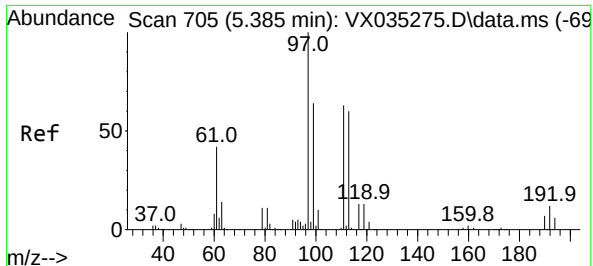
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

88 16.7 0.0 33.2

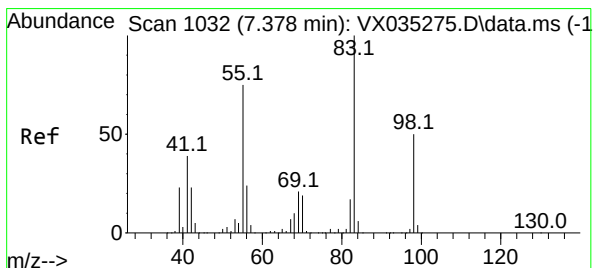
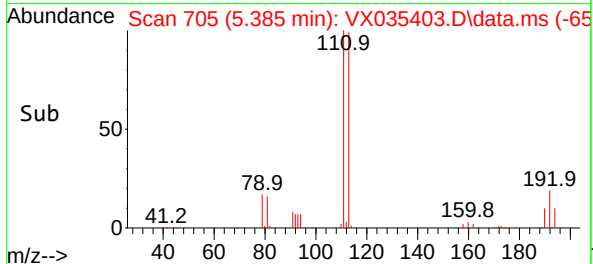
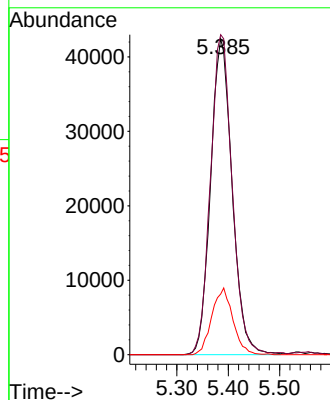
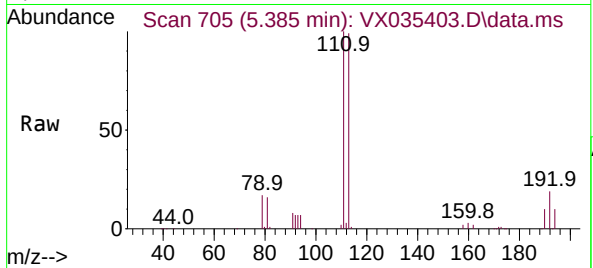




#35
Dibromofluoromethane
Concen: 49.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

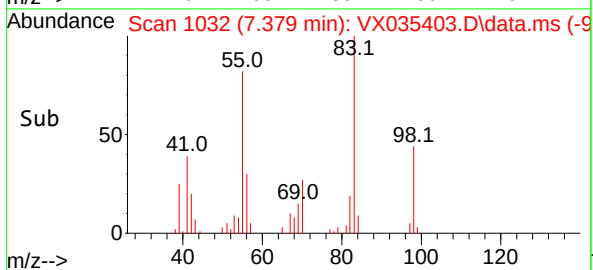
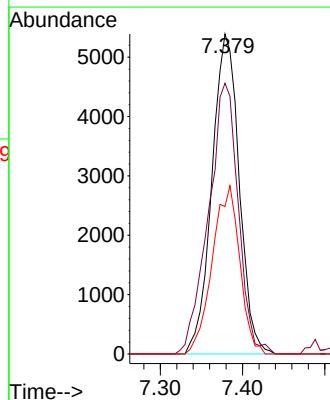
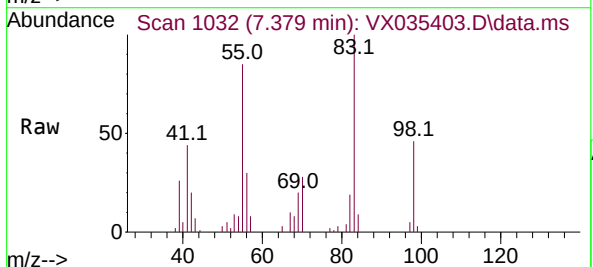
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

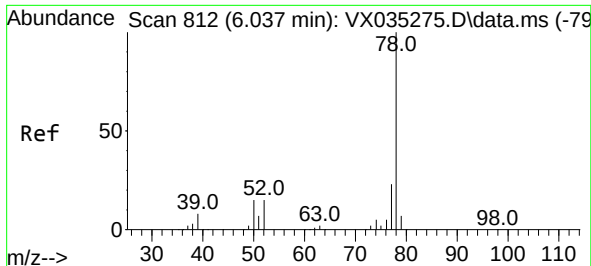
Tgt Ion:113 Resp: 123734
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.7 15.4 23.2



#39
Methylcyclohexane
Concen: 2.597 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

Tgt Ion: 83 Resp: 12419
Ion Ratio Lower Upper
83 100
55 84.6 60.5 90.7
98 46.1 40.4 60.6





#40

Benzene

Concen: 11.792 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035403.D

Acq: 28 Apr 2023 19:58

Instrument :

MSVOA_X

ClientSampleId :

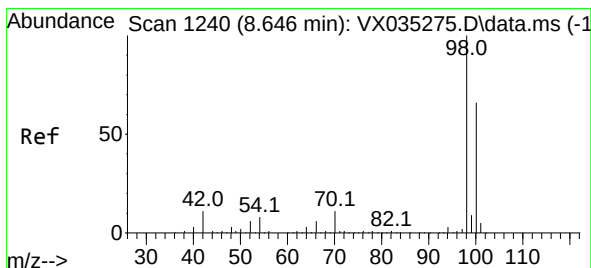
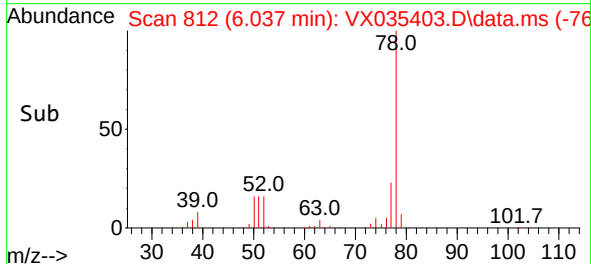
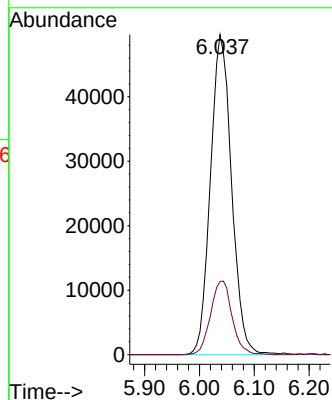
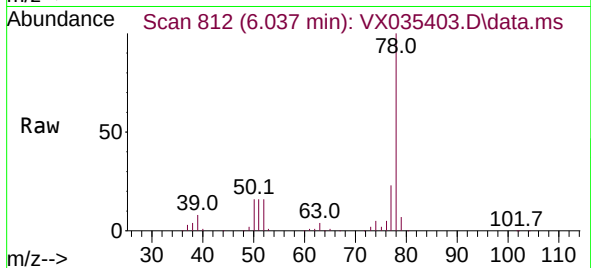
MW-6DL

Tgt Ion: 78 Resp: 132902

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.4



#50

Toluene-d8

Concen: 50.681 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035403.D

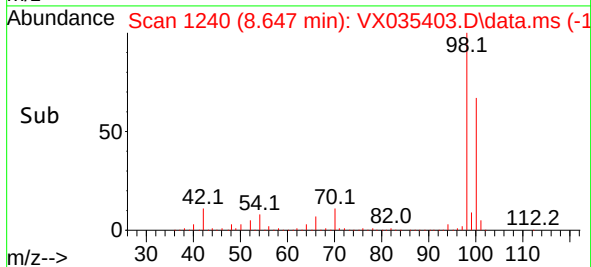
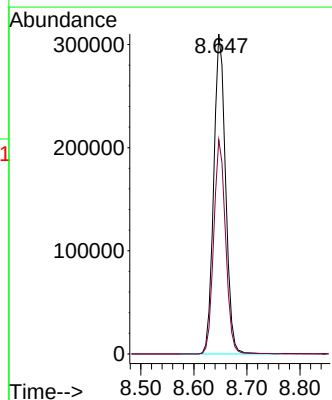
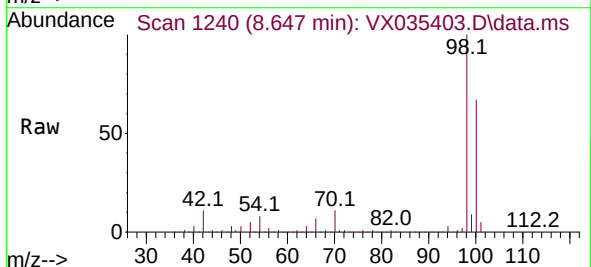
Acq: 28 Apr 2023 19:58

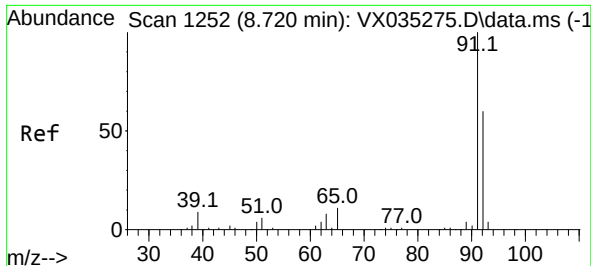
Tgt Ion: 98 Resp: 481059

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7

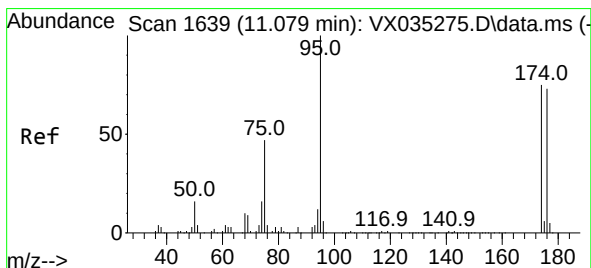
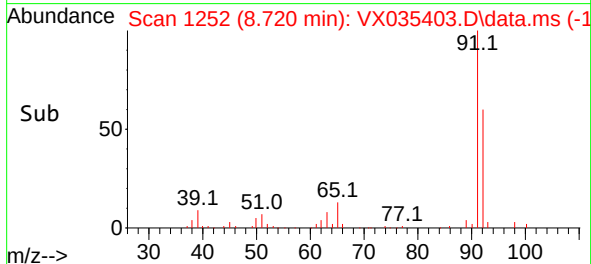
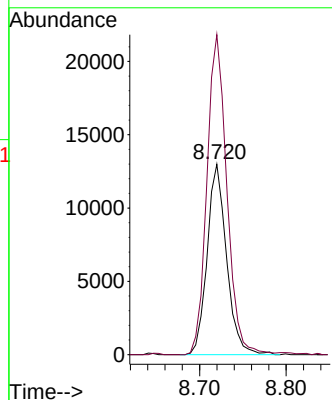
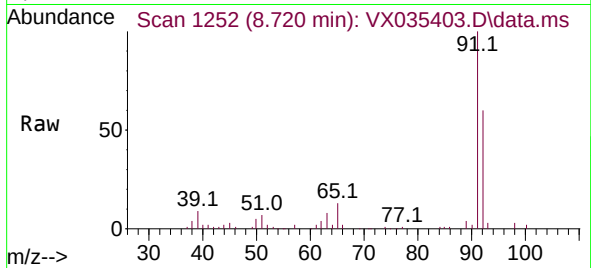




#52
Toluene
Concen: 2.835 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

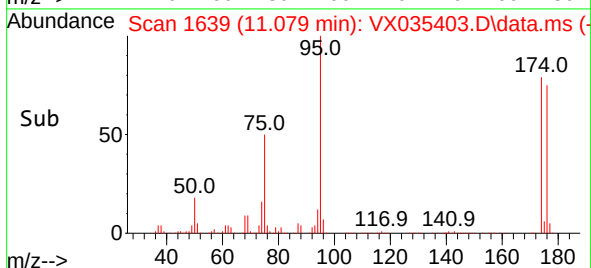
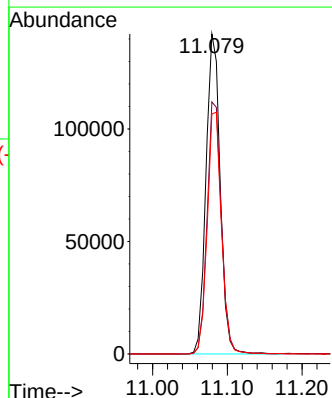
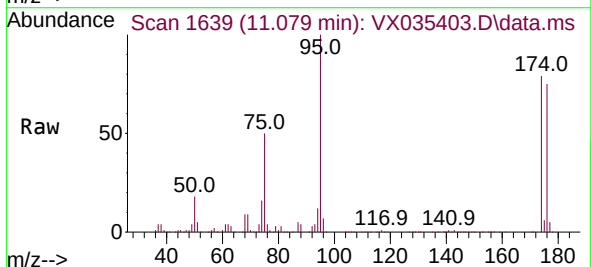
Instrument :
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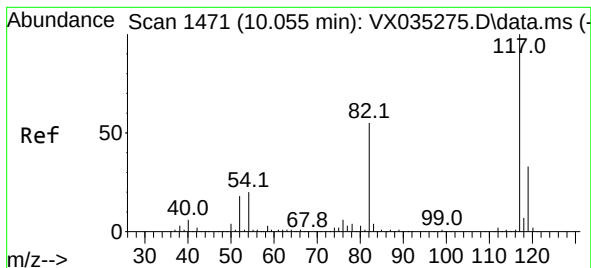
Tgt Ion: 92 Resp: 20251
Ion Ratio Lower Upper
92 100
91 172.2 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 52.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

Tgt Ion: 95 Resp: 187338
Ion Ratio Lower Upper
95 100
174 79.5 0.0 147.4
176 75.6 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: VX035403.D

Acq: 28 Apr 2023 19:58

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

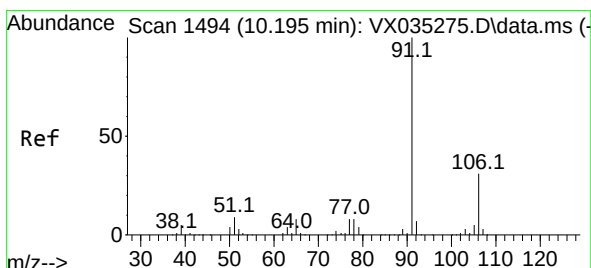
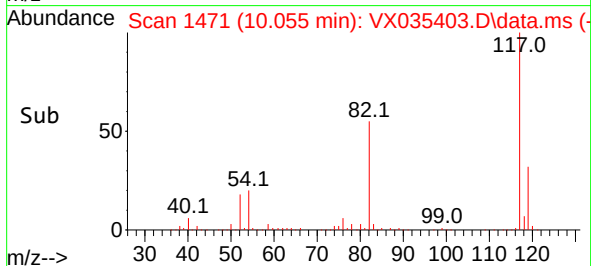
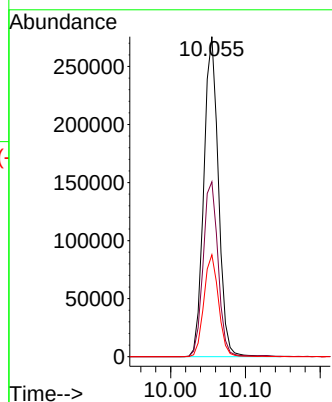
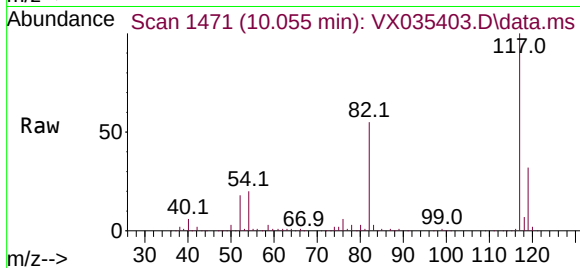
Tgt Ion:117 Resp: 373816

Ion Ratio Lower Upper

117 100

82 54.6 45.0 67.4

119 31.9 26.0 39.0



#67

Ethyl Benzene

Concen: 5.646 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035403.D

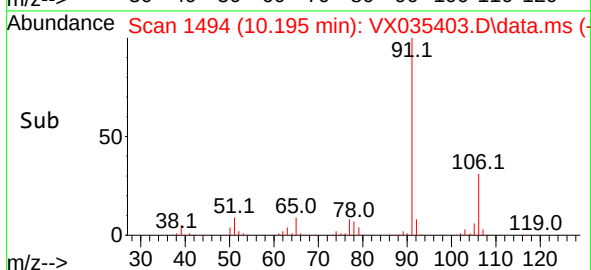
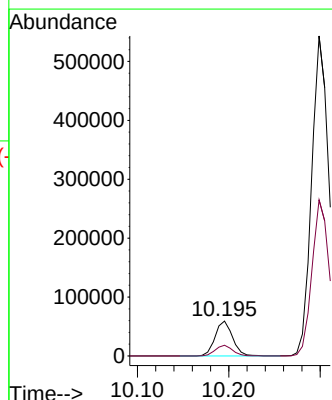
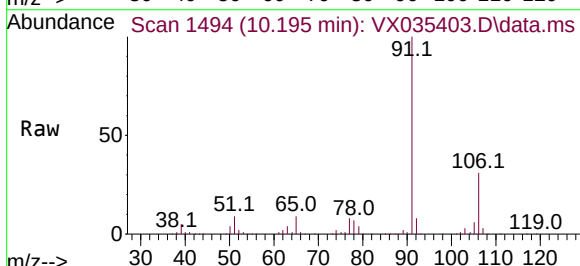
Acq: 28 Apr 2023 19:58

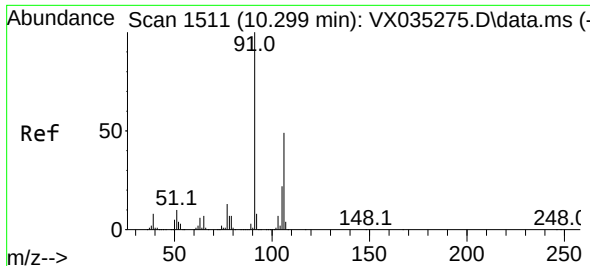
Tgt Ion: 91 Resp: 79082

Ion Ratio Lower Upper

91 100

106 30.7 25.6 38.4

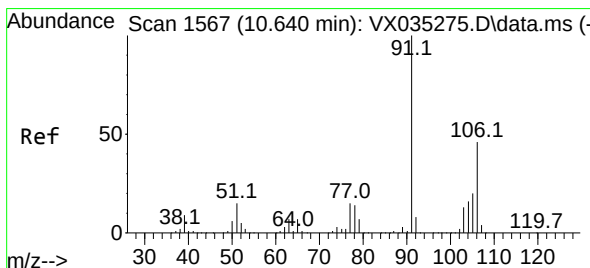
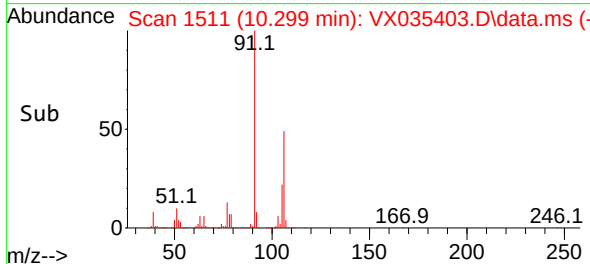
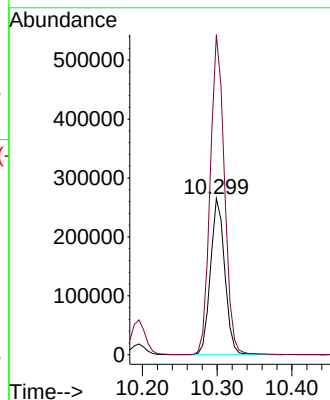
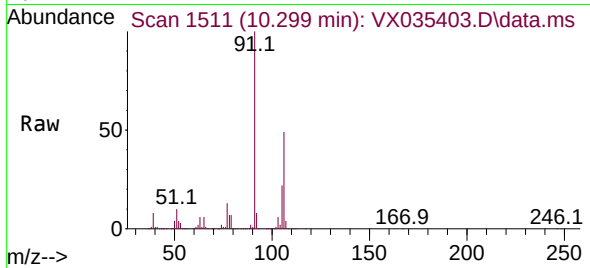




#68
m/p-Xylenes
Concen: 65.473 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

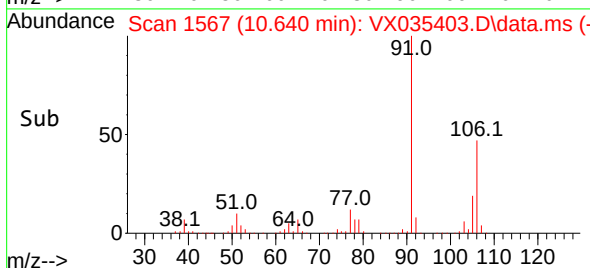
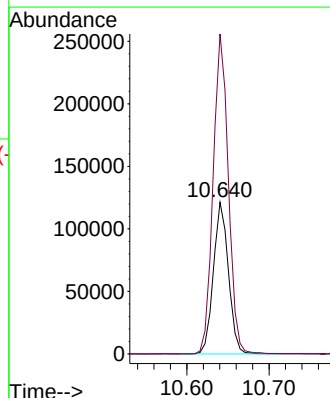
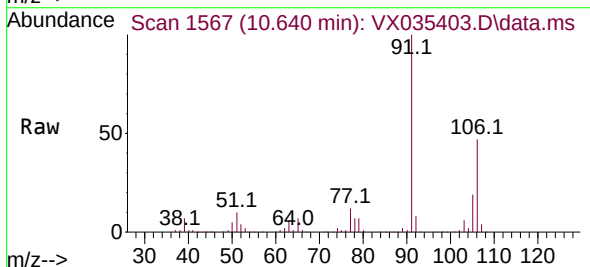
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

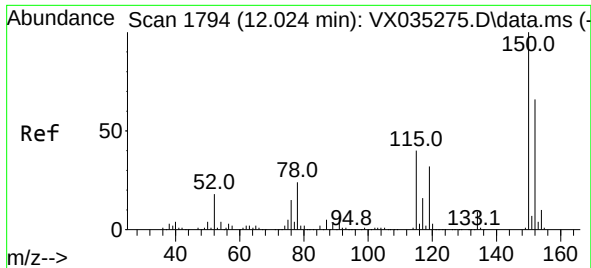
Tgt Ion:106 Resp: 351381
Ion Ratio Lower Upper
106 100
91 205.3 164.0 246.0



#69
o-Xylene
Concen: 29.239 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

Tgt Ion:106 Resp: 153874
Ion Ratio Lower Upper
106 100
91 213.8 108.5 325.3

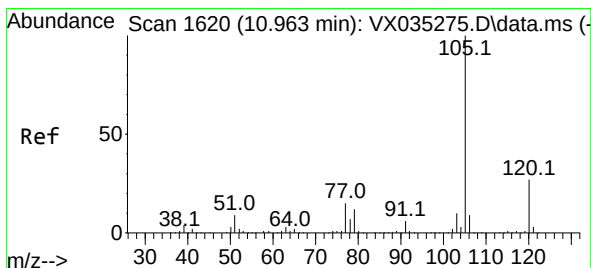
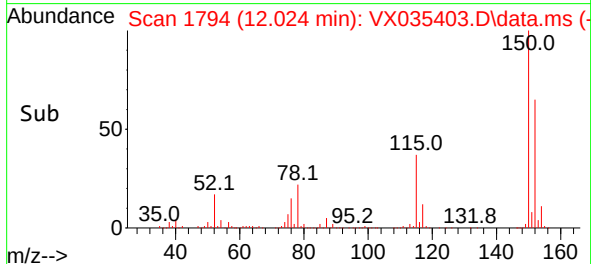
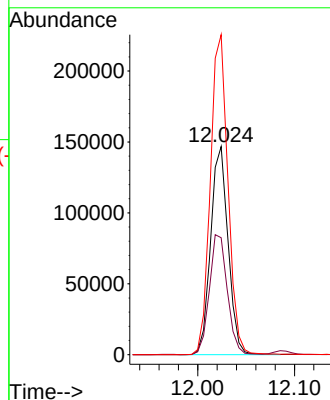
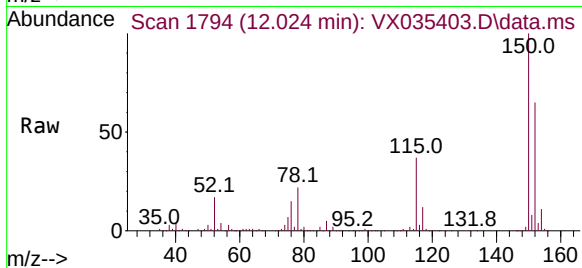




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

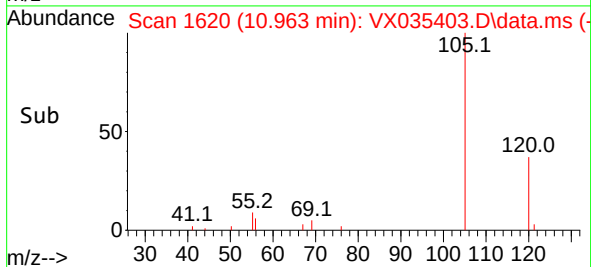
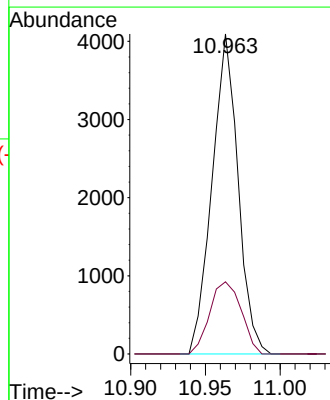
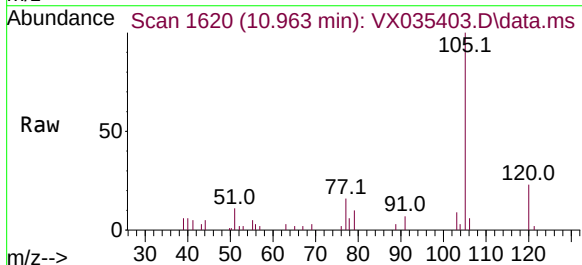
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

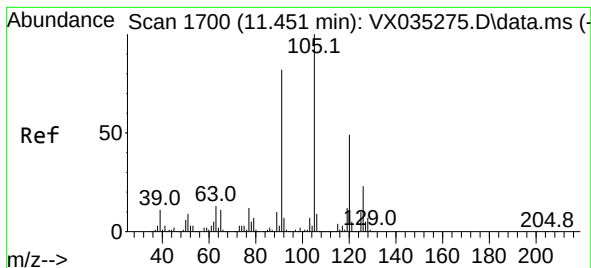
Tgt Ion:152 Resp: 183641
Ion Ratio Lower Upper
152 100
115 59.4 45.0 135.0
150 155.4 0.0 352.4



#73
Isopropylbenzene
Concen: 0.368 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035403.D
Acq: 28 Apr 2023 19:58

Tgt Ion:105 Resp: 4943
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9





#80

1,3,5-Trimethylbenzene

Concen: 6.492 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035403.D

Acq: 28 Apr 2023 19:58

Instrument :

MSVOA_X

ClientSampleId :

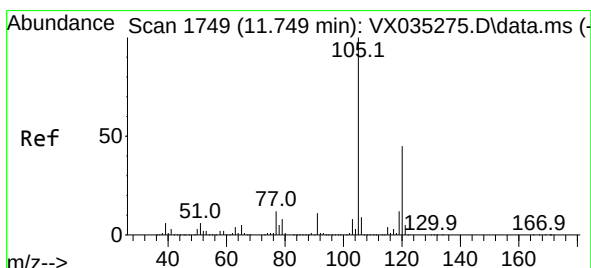
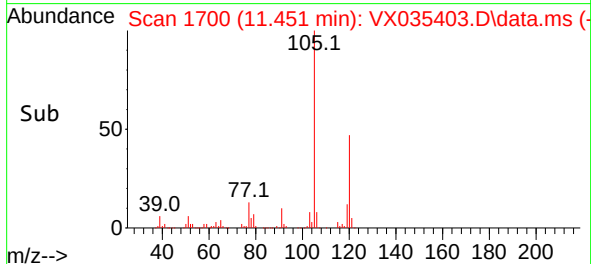
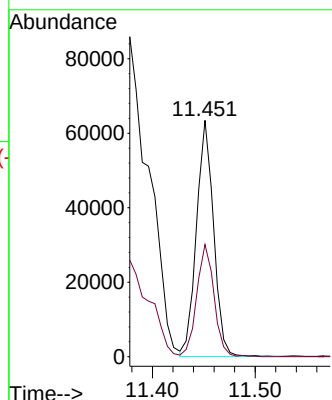
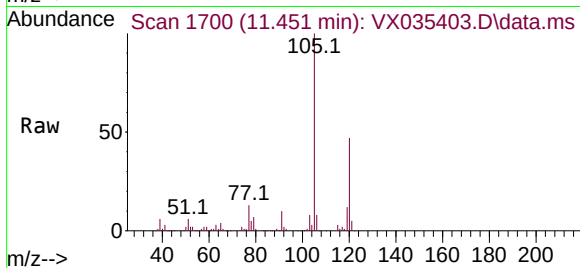
MW-6DL

Tgt Ion:105 Resp: 73482

Ion Ratio Lower Upper

105 100

120 48.0 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 21.346 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035403.D

Acq: 28 Apr 2023 19:58

Tgt Ion:105 Resp: 242763

Ion Ratio Lower Upper

105 100

120 45.7 22.4 67.0

