

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035472.D
 Acq On : 02 May 2023 12:29
 Operator : JC/MD
 Sample : 02522-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Quant Time: May 03 04:36:18 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)

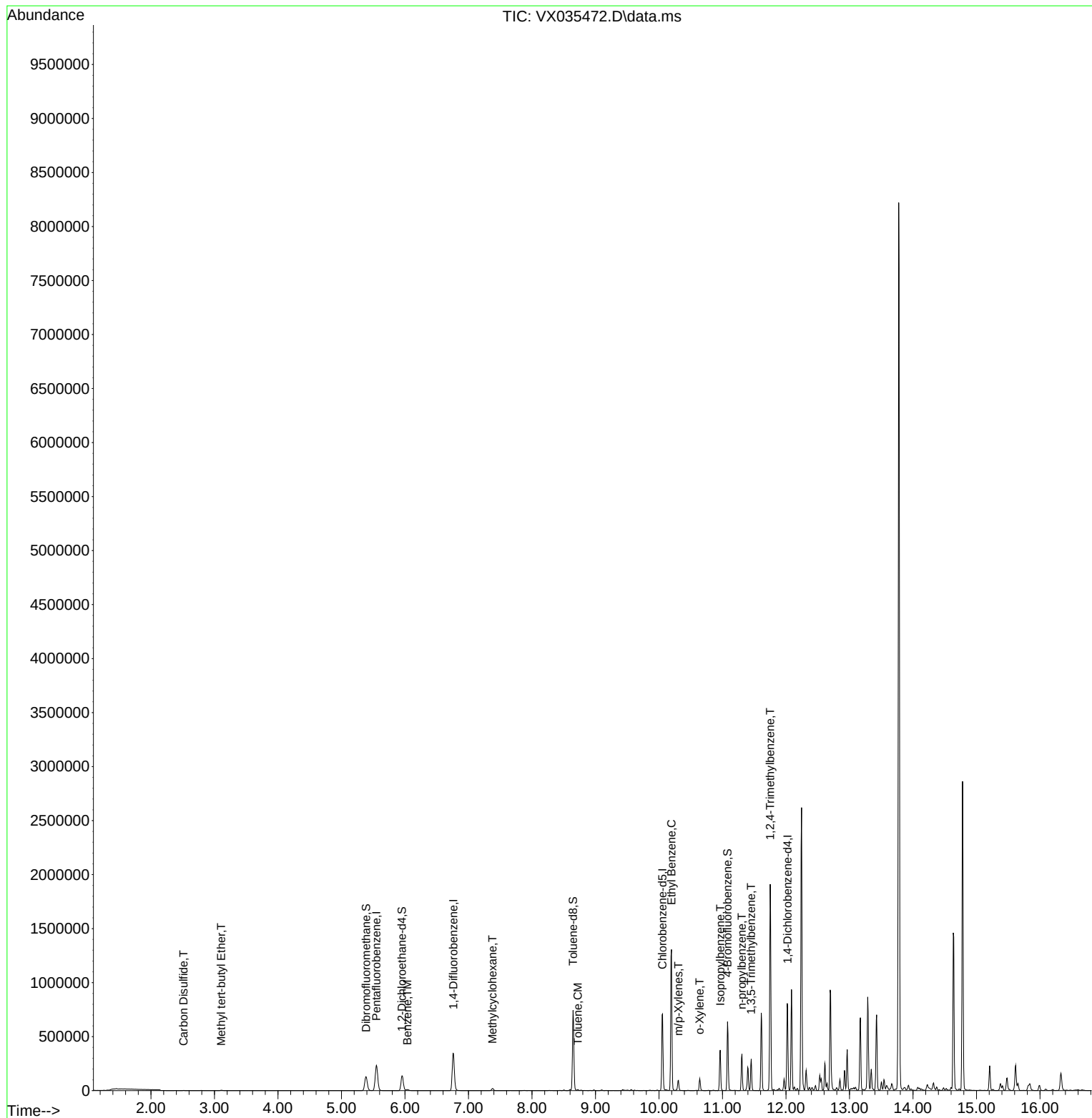
Internal Standards						
1) Pentafluorobenzene	5.550	168	231368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371816	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	134327	48.123	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	115883	50.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.560%		
50) Toluene-d8	8.647	98	437658	50.838	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.680%		
62) 4-Bromofluorobenzene	11.079	95	173059	53.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.880%		
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.514	76	2551	0.474	ug/l #	90
19) Methyl tert-butyl Ether	3.105	73	4169	0.541	ug/l	94
39) Methylcyclohexane	7.379	83	9396	2.166	ug/l #	83
40) Benzene	6.038	78	11402	1.115	ug/l	97
52) Toluene	8.720	92	3759	0.580	ug/l	95
67) Ethyl Benzene	10.195	91	768516	59.906	ug/l	99
68) m/p-Xylenes	10.305	106	23425	4.765	ug/l	93
69) o-Xylene	10.640	106	23971	4.973	ug/l	99
73) Isopropylbenzene	10.964	105	201711	16.538	ug/l	99
78) n-propylbenzene	11.305	91	209672	14.969	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	123138	11.974	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	838369	81.134	ug/l	100

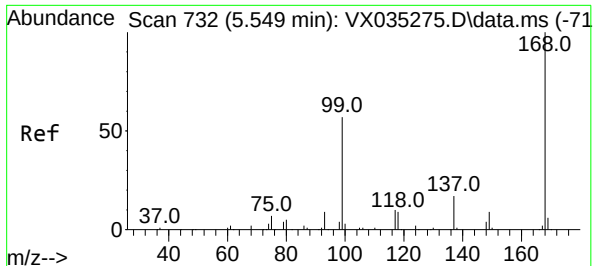
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
Data File : VX035472.D
Acq On : 02 May 2023 12:29
Operator : JC/MD
Sample : 02522-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Quant Time: May 03 04:36:18 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

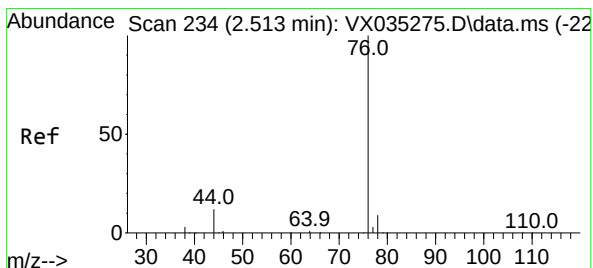
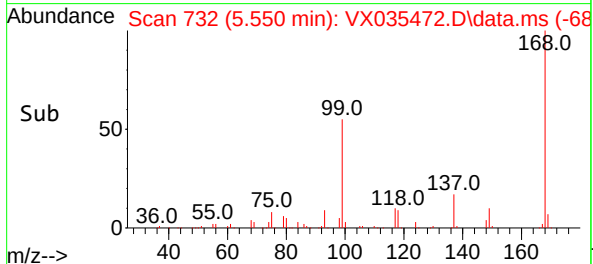
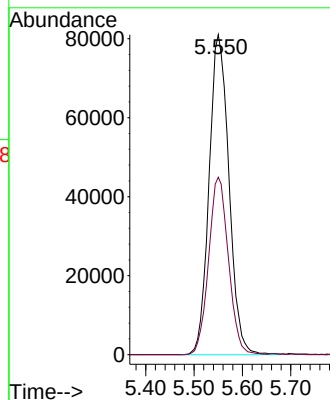
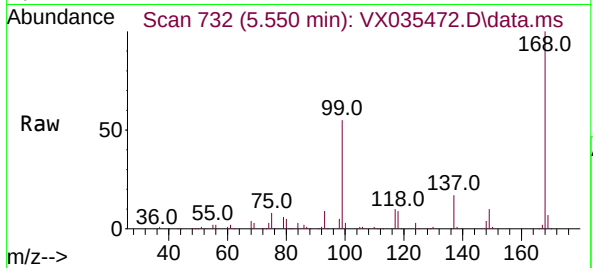




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

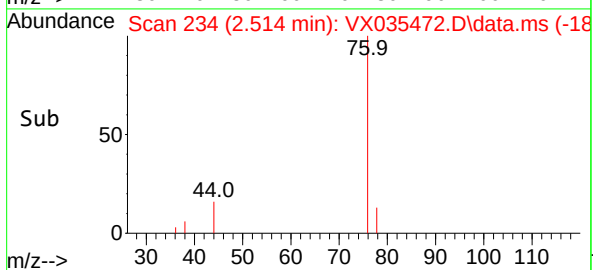
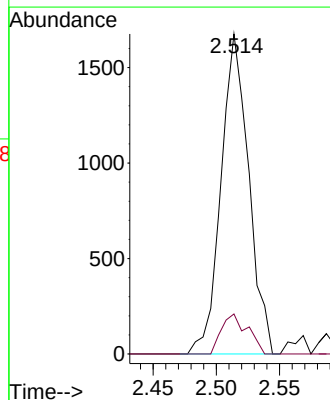
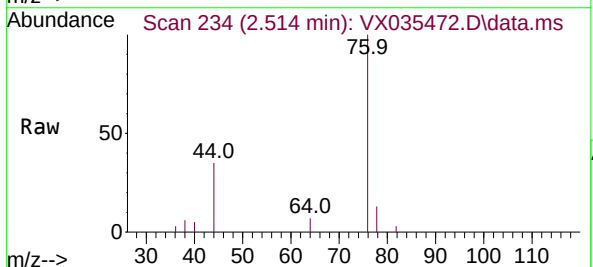
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

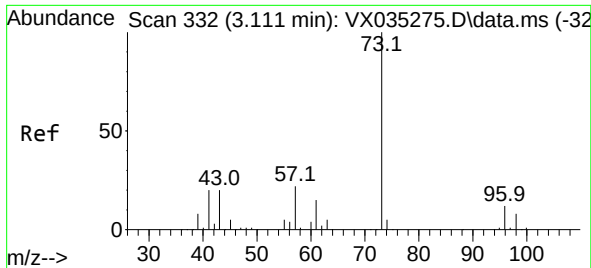
Tgt Ion:168 Resp: 231368
Ion Ratio Lower Upper
168 100
99 55.4 45.7 68.5



#17
Carbon Disulfide
Concen: 0.474 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

Tgt Ion: 76 Resp: 2551
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#

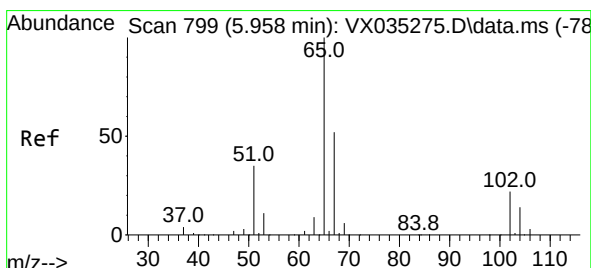
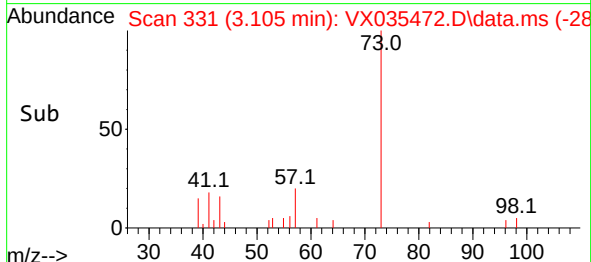
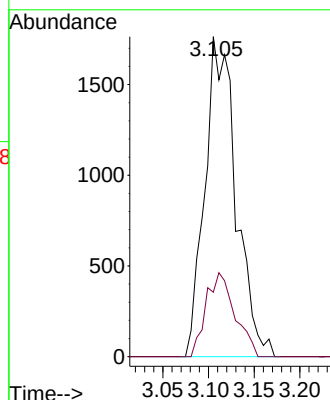
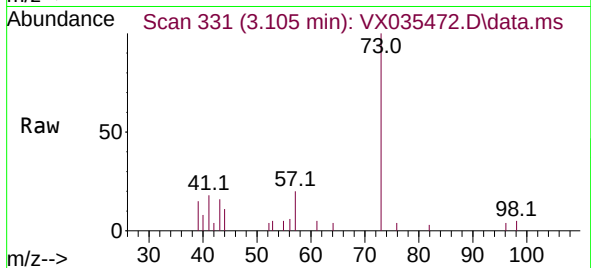




#19
Methyl tert-butyl Ether
Concen: 0.541 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

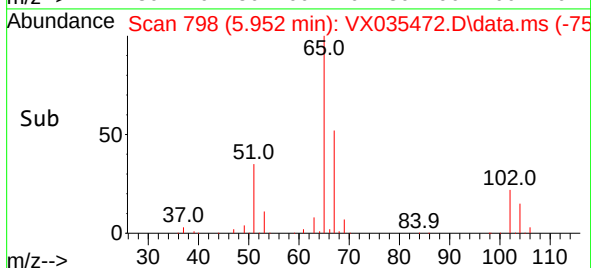
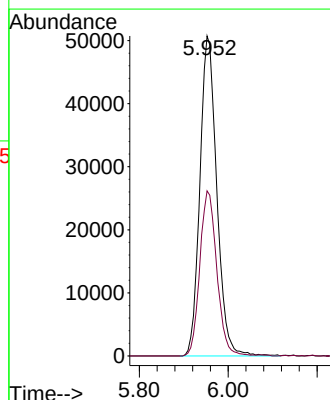
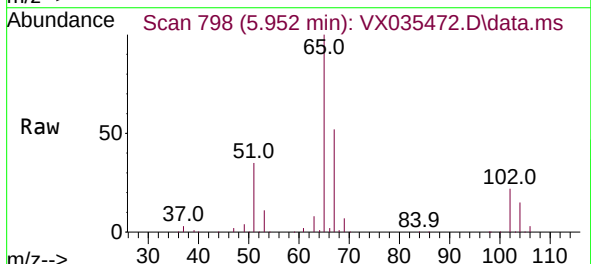
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

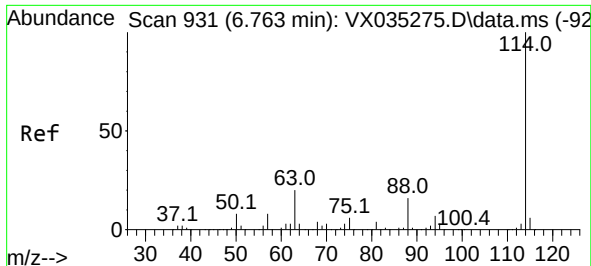
Tgt Ion: 73 Resp: 4169
Ion Ratio Lower Upper
73 100
57 20.1 18.5 27.7



#33
1,2-Dichloroethane-d4
Concen: 48.123 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

Tgt Ion: 65 Resp: 134327
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

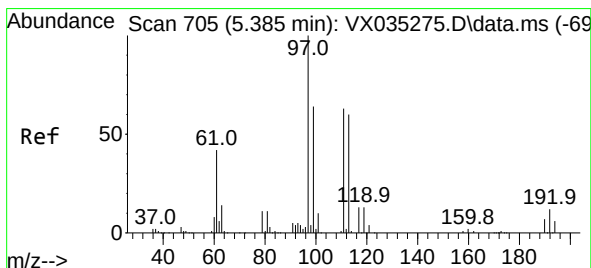
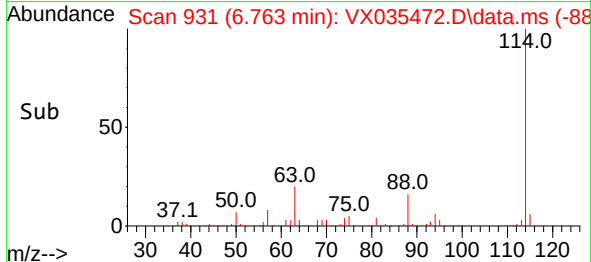
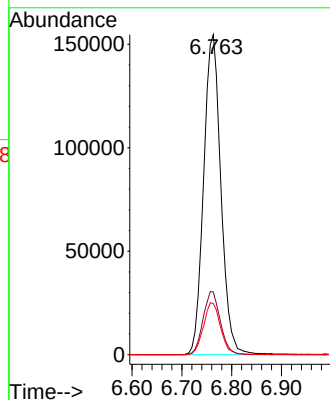
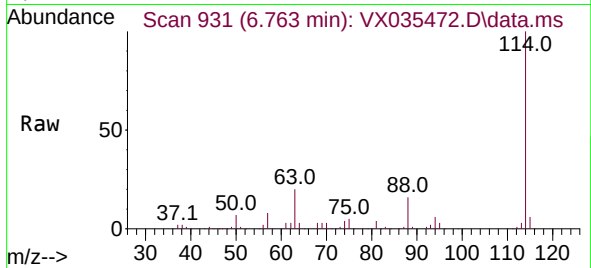




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

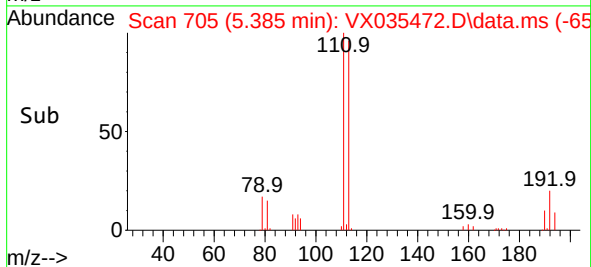
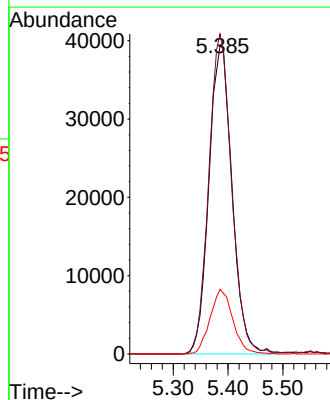
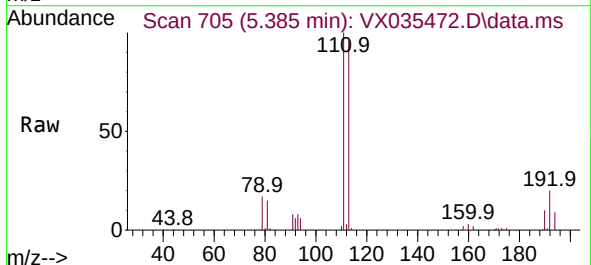
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

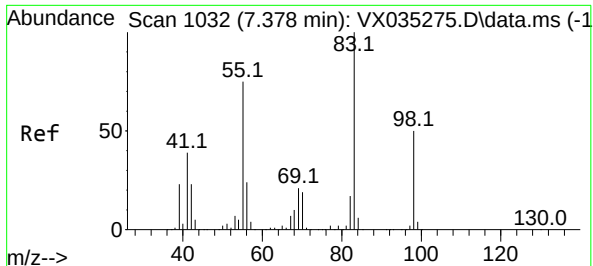
Tgt Ion:114 Resp: 371816
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.779 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

Tgt Ion:113 Resp: 115883
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 20.6 15.4 23.2





#39

Methylcyclohexane

Concen: 2.166 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035472.D

Acq: 02 May 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

MW-12DL

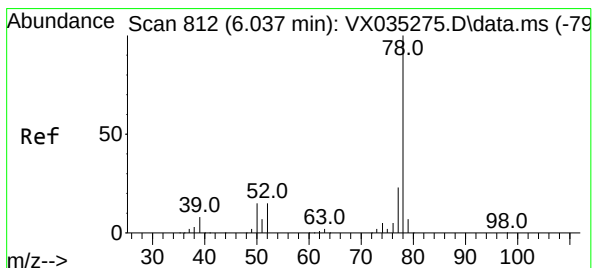
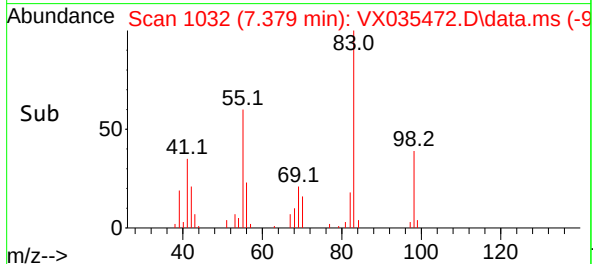
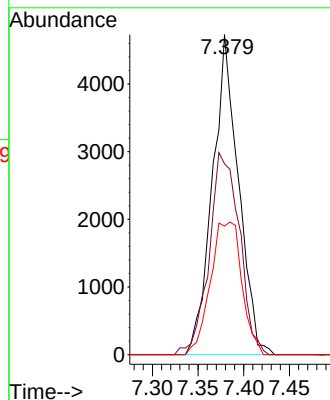
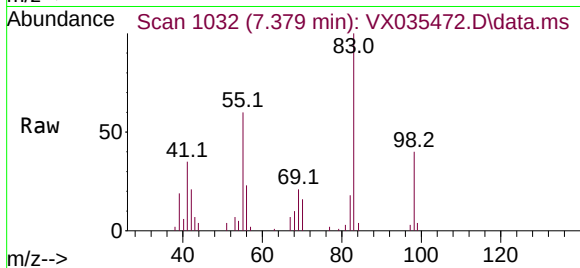
Tgt Ion: 83 Resp: 9396

Ion Ratio Lower Upper

83 100

55 59.6 60.5 90.7#

98 40.2 40.4 60.6#



#40

Benzene

Concen: 1.115 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035472.D

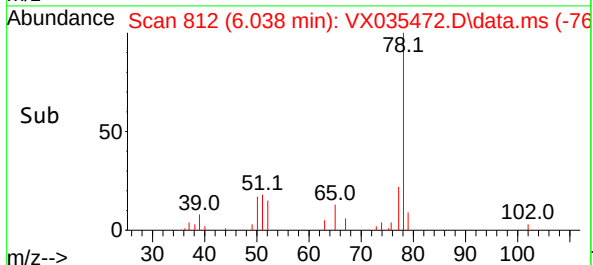
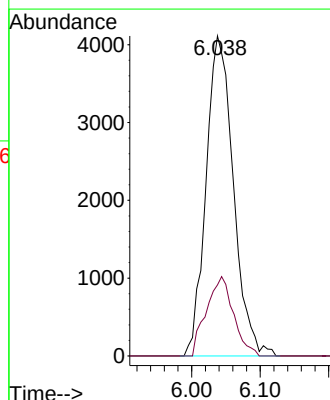
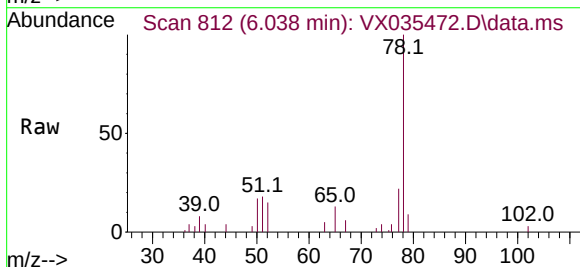
Acq: 02 May 2023 12:29

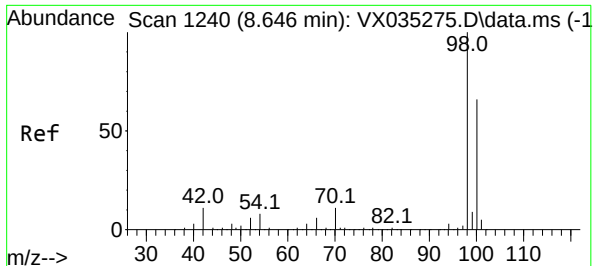
Tgt Ion: 78 Resp: 11402

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.4

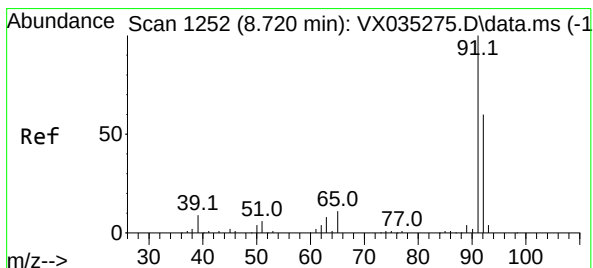
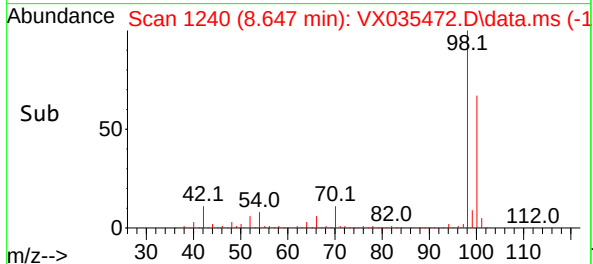
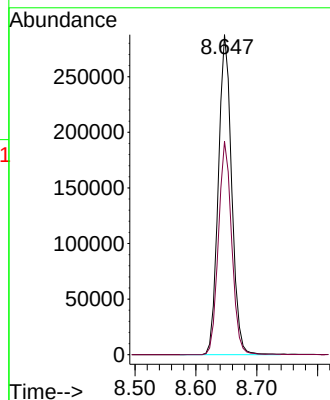
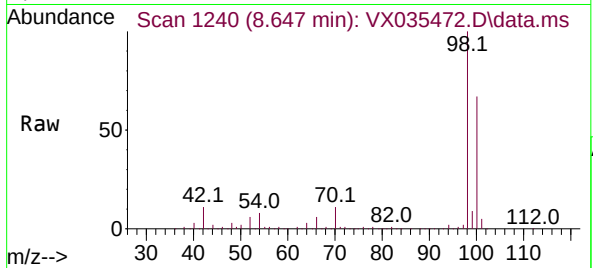




#50
Toluene-d8
Concen: 50.838 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

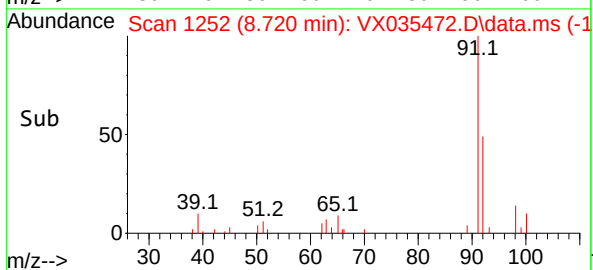
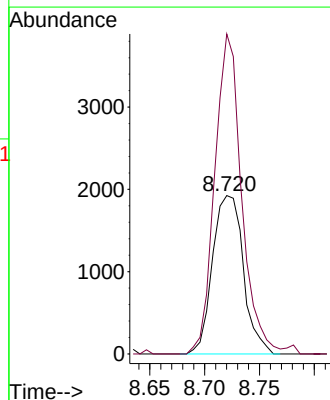
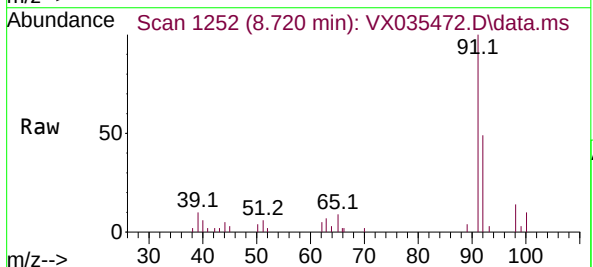
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

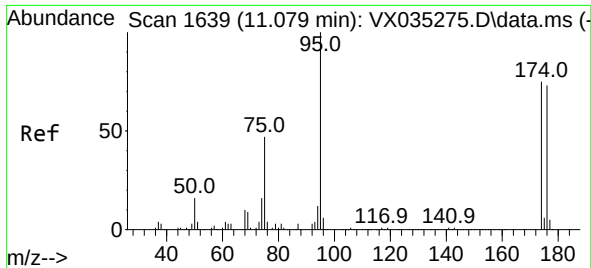
Tgt Ion: 98 Resp: 437658
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#52
Toluene
Concen: 0.580 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

Tgt Ion: 92 Resp: 3759
Ion Ratio Lower Upper
92 100
91 178.1 136.8 205.2

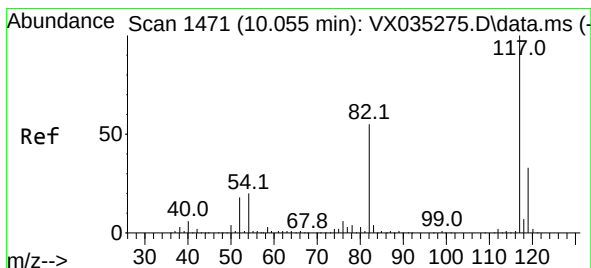
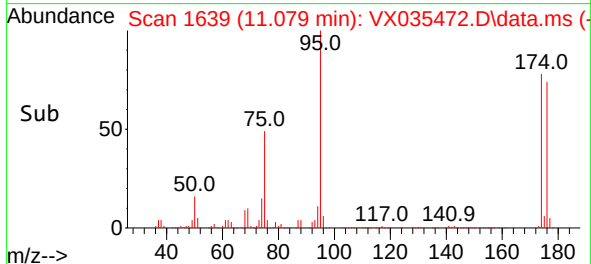
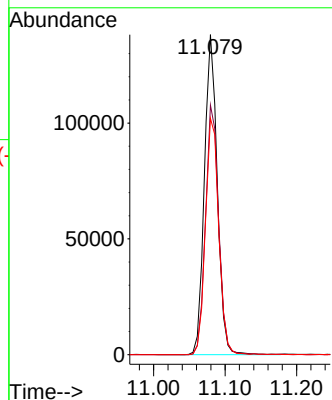
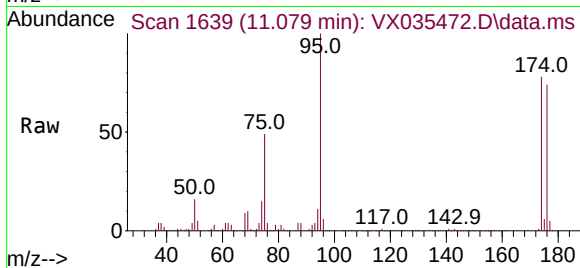




#62
4-Bromofluorobenzene
Concen: 53.438 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

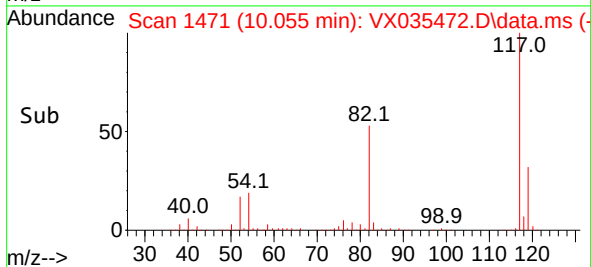
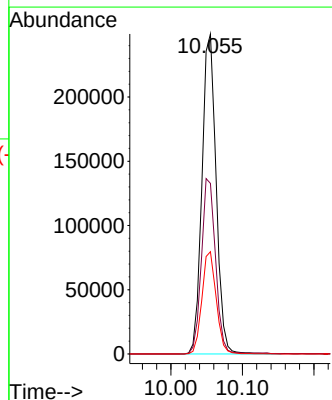
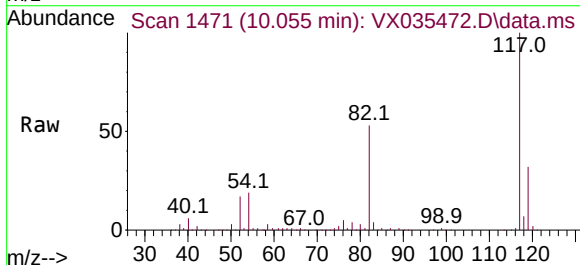
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

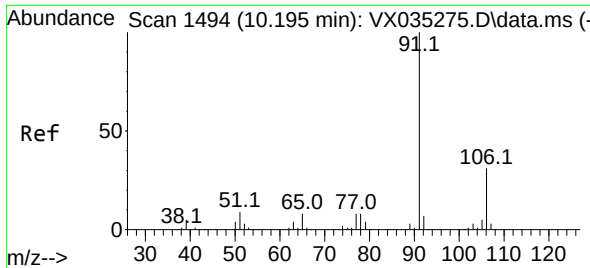
Tgt Ion: 95 Resp: 173059
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 76.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

Tgt Ion: 117 Resp: 342395
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.0 26.0 39.0

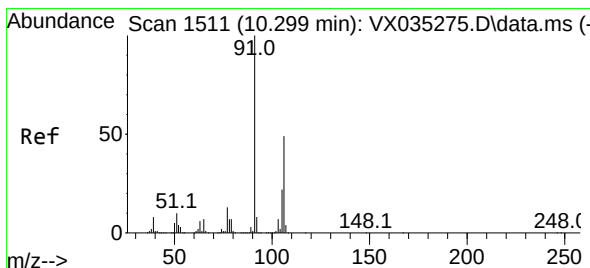
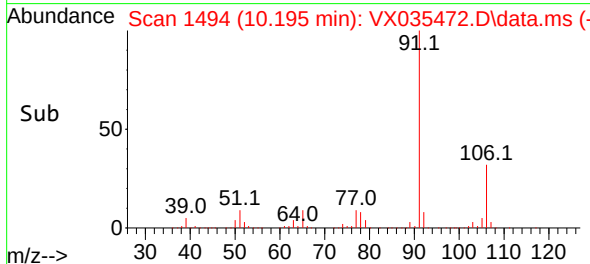
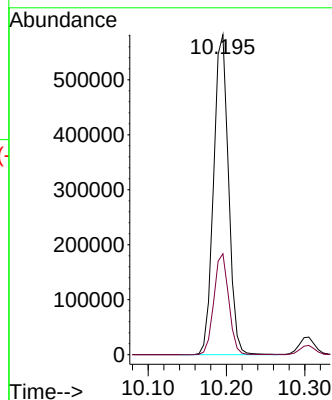
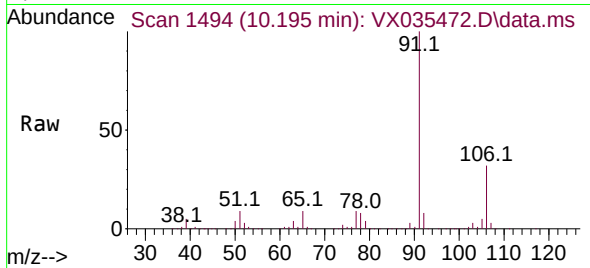




#67
Ethyl Benzene
Concen: 59.906 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

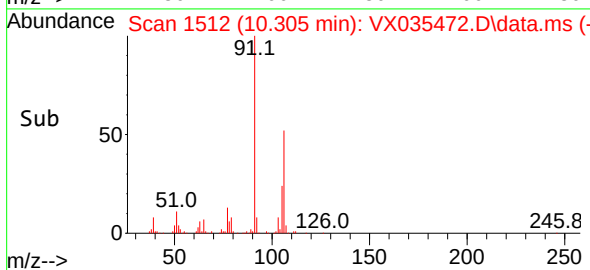
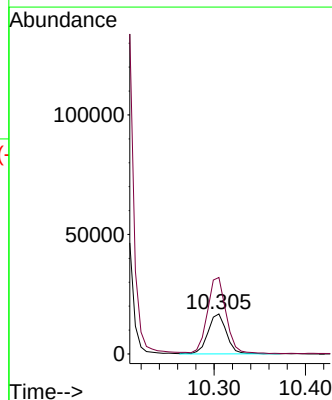
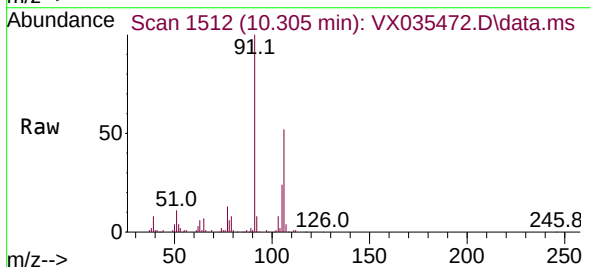
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

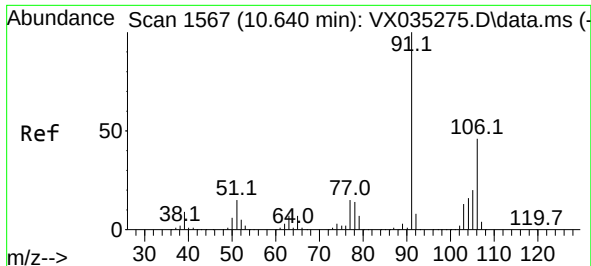
Tgt Ion: 91 Resp: 768516
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 4.765 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

Tgt Ion: 106 Resp: 23425
Ion Ratio Lower Upper
106 100
91 194.4 164.0 246.0

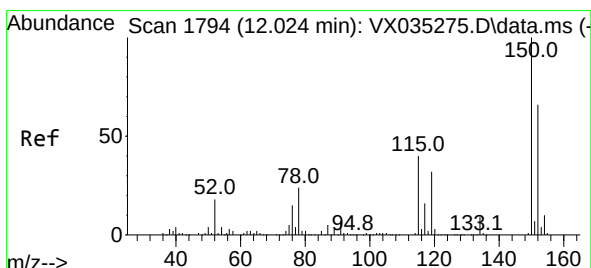
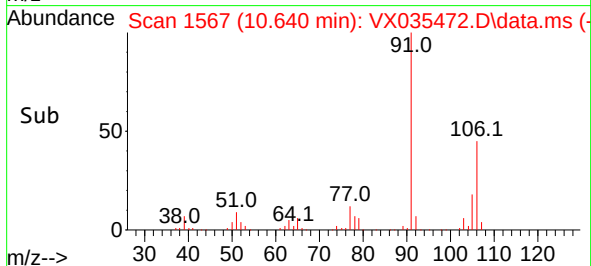
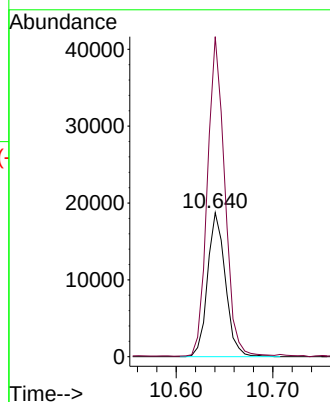
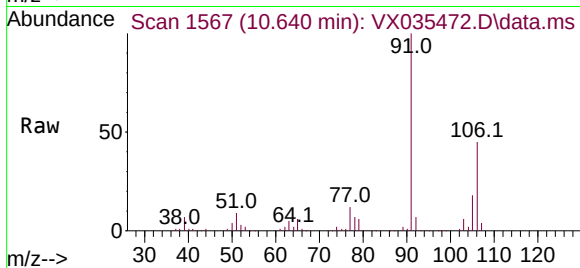




#69
o-Xylene
Concen: 4.973 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

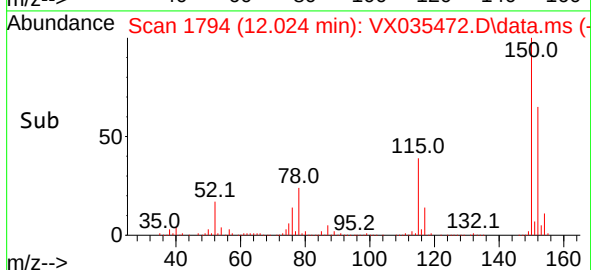
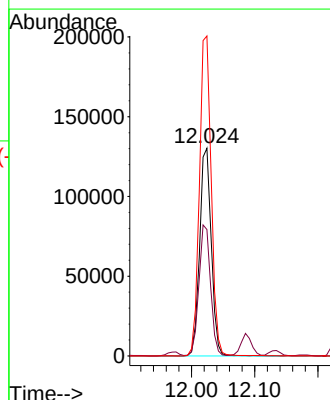
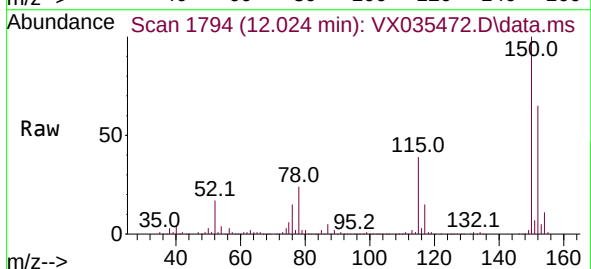
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

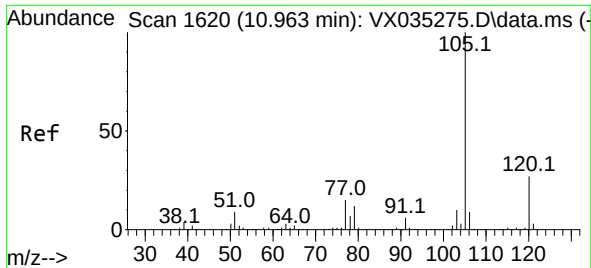
Tgt Ion:106 Resp: 23971
Ion Ratio Lower Upper
106 100
91 215.9 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

Tgt Ion:152 Resp: 166849
Ion Ratio Lower Upper
152 100
115 62.4 45.0 135.0
150 156.2 0.0 352.4

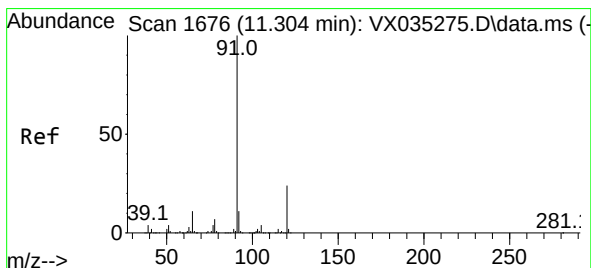
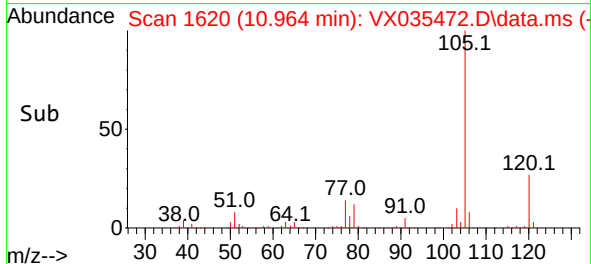
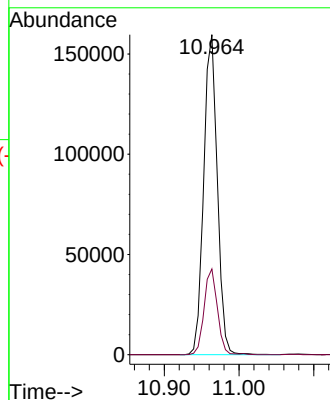
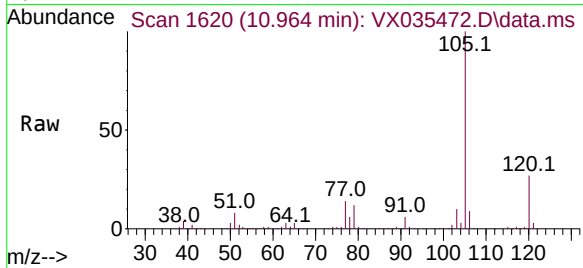




#73
Isopropylbenzene
Concen: 16.538 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

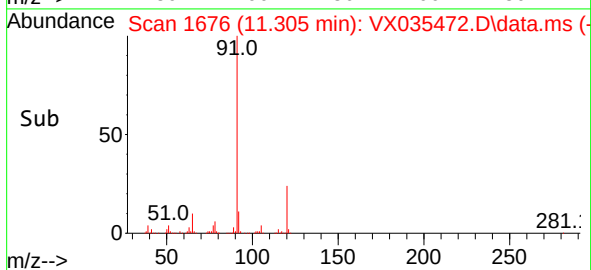
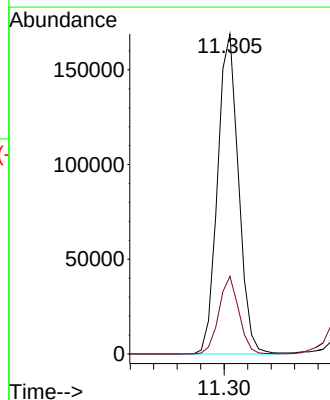
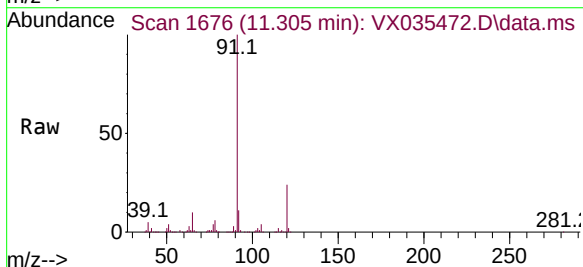
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

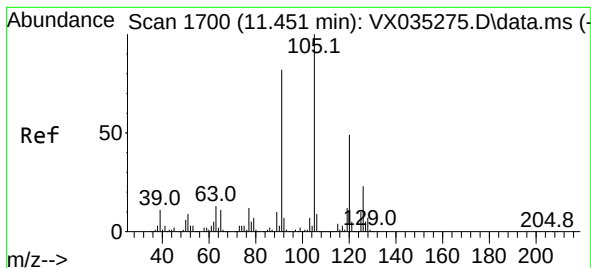
Tgt Ion:105 Resp: 201711
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



#78
n-propylbenzene
Concen: 14.969 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035472.D
Acq: 02 May 2023 12:29

Tgt Ion: 91 Resp: 209672
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 11.974 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035472.D

Acq: 02 May 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

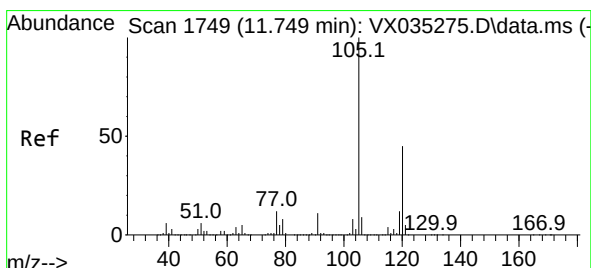
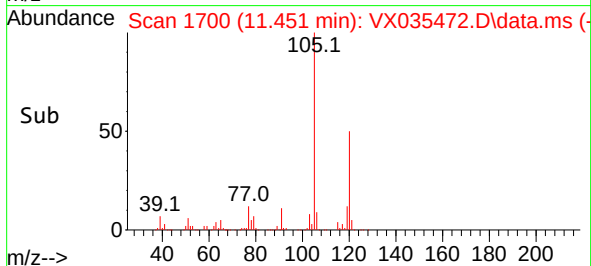
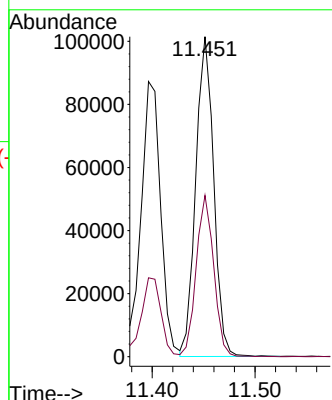
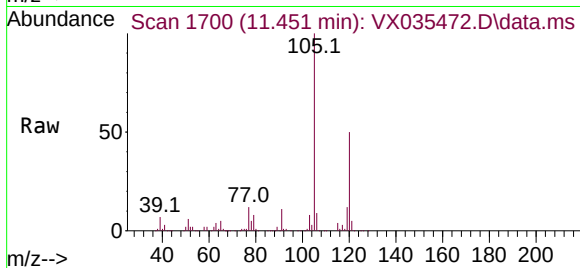
MW-12DL

Tgt Ion:105 Resp: 123138

Ion Ratio Lower Upper

105 100

120 49.4 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 81.134 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035472.D

Acq: 02 May 2023 12:29

Tgt Ion:105 Resp: 838369

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.0

