

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034846.D
 Acq On : 30 Mar 2023 12:47
 Operator : JC/MD
 Sample : 02084-03DL2 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6ADL2

Quant Time: Mar 31 01:30:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

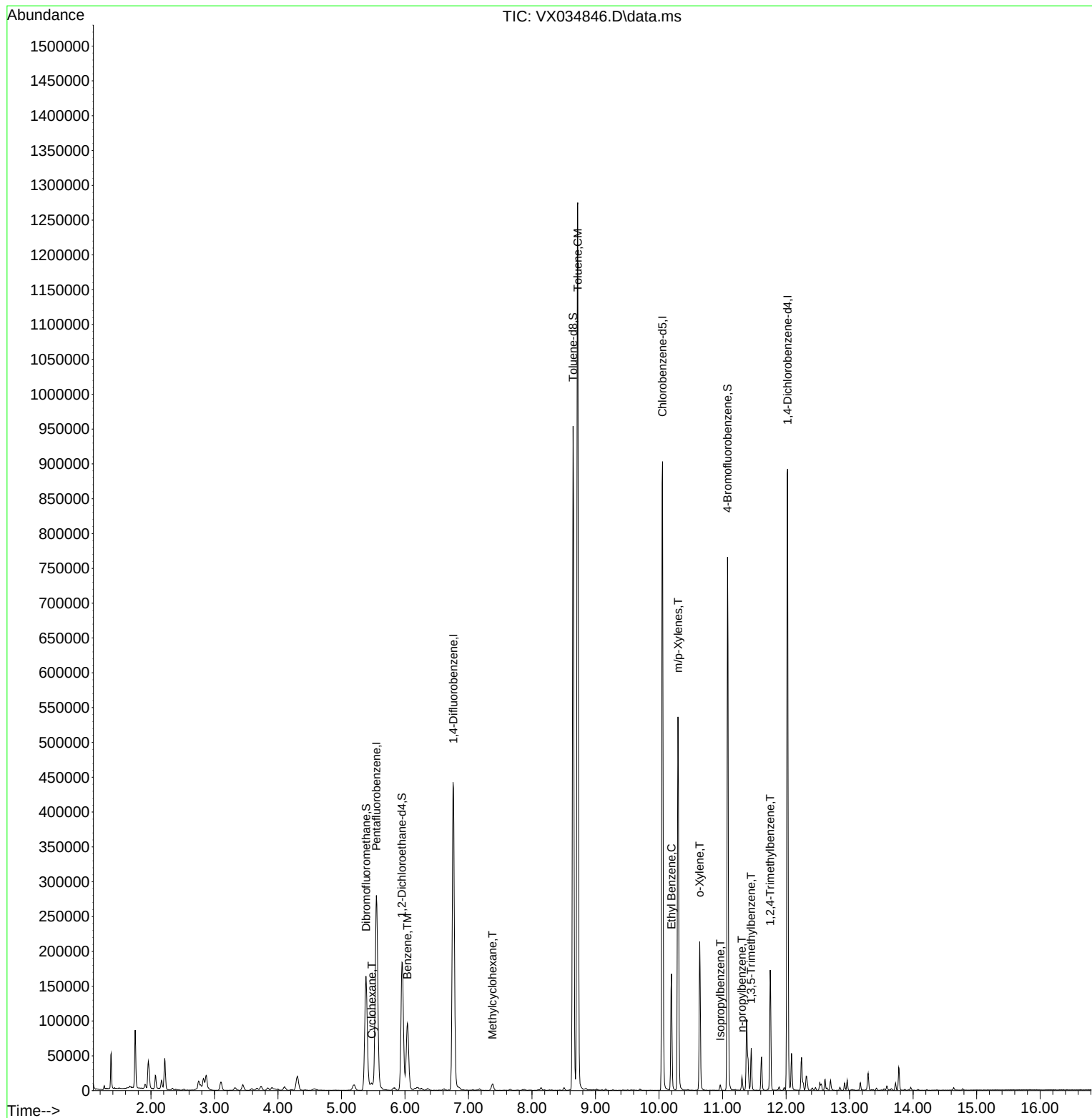
Internal Standards						
1) Pentafluorobenzene	5.550	168	255791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180695	46.190	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.380%		
35) Dibromofluoromethane	5.385	113	136304	46.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.720%		
50) Toluene-d8	8.647	98	527499	49.127	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.260%		
62) 4-Bromofluorobenzene	11.079	95	193653	46.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.220%		
Target Compounds						Qvalue
31) Cyclohexane	5.476	56	6263	1.315	ug/l	88
39) Methylcyclohexane	7.379	83	4102	0.898	ug/l #	86
40) Benzene	6.037	78	112684	9.106	ug/l	99
52) Toluene	8.720	92	476040	59.894	ug/l	100
67) Ethyl Benzene	10.195	91	95713	6.472	ug/l	95
68) m/p-Xylenes	10.299	106	121223	21.660	ug/l	98
69) o-Xylene	10.640	106	44355	7.978	ug/l	98
73) Isopropylbenzene	10.963	105	4035	0.308	ug/l	98
78) n-propylbenzene	11.305	91	12219	0.809	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	24689	2.238	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	73505	6.618	ug/l	100

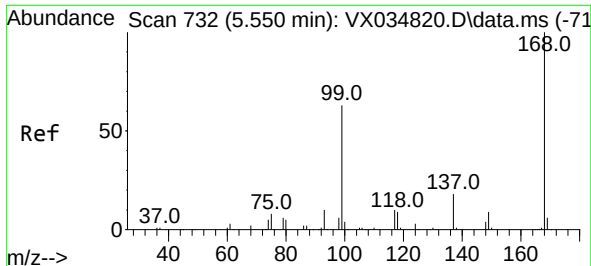
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
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Quant Time: Mar 31 01:30:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 30 11:02:25 2023
Response via : Initial Calibration

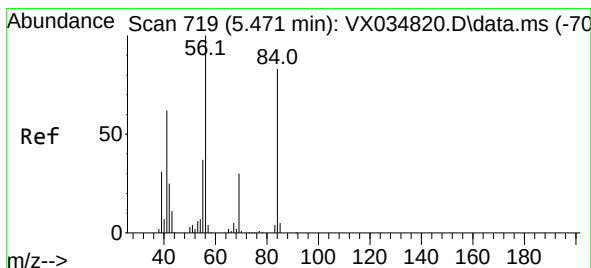
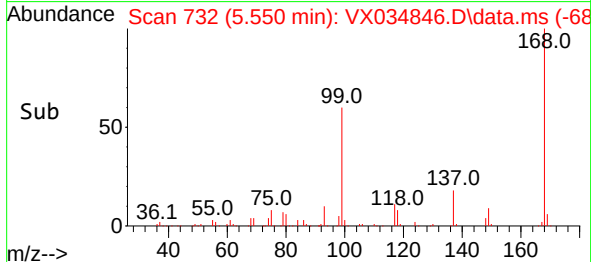
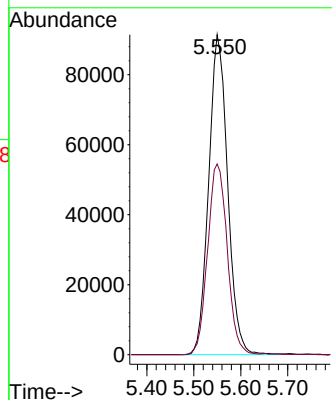
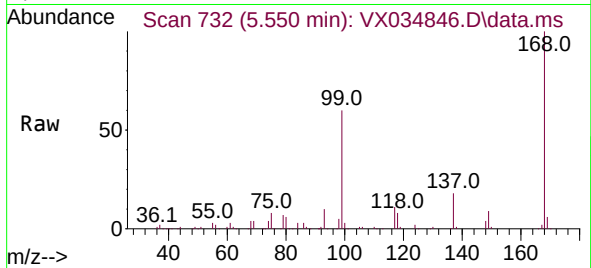




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

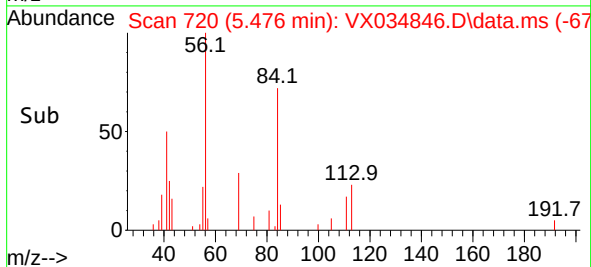
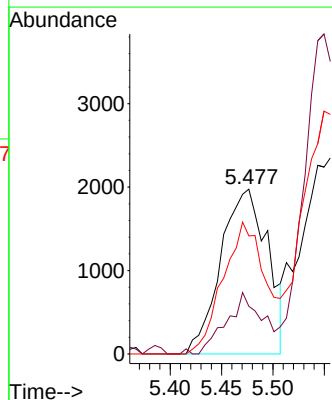
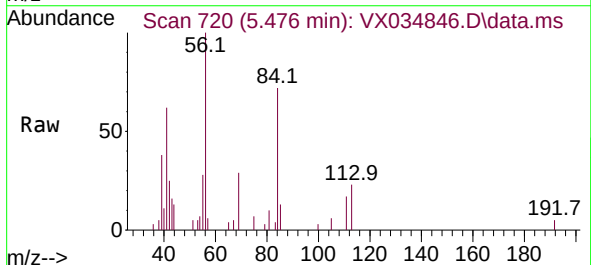
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL2

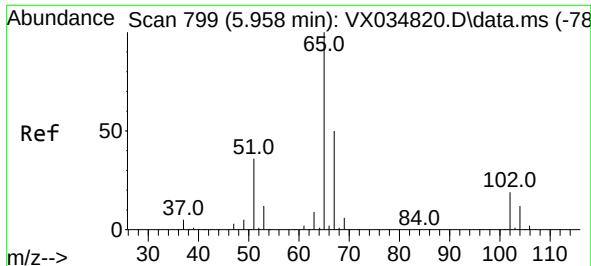
Tgt Ion:168 Resp: 255791
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

Tgt Ion: 56 Resp: 6263
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 71.6 68.5 102.7

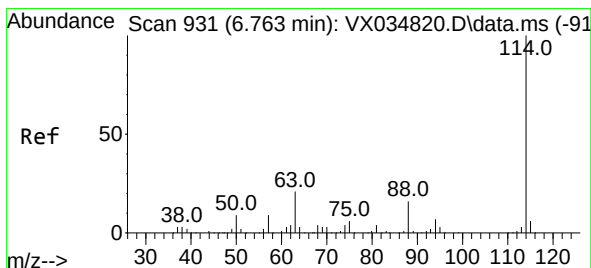
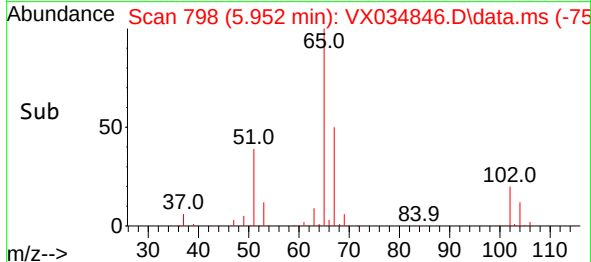
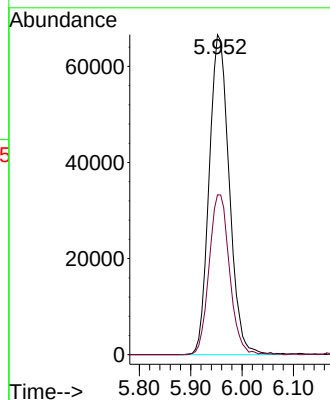
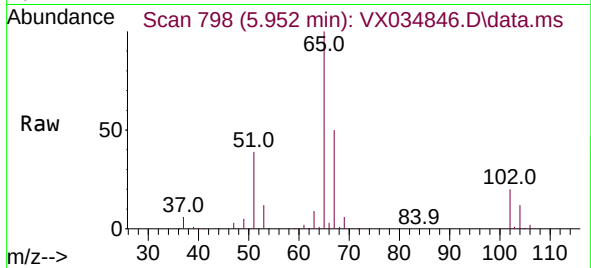




#33
 1,2-Dichloroethane-d4
 Concen: 46.190 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX034846.D
 Acq: 30 Mar 2023 12:47

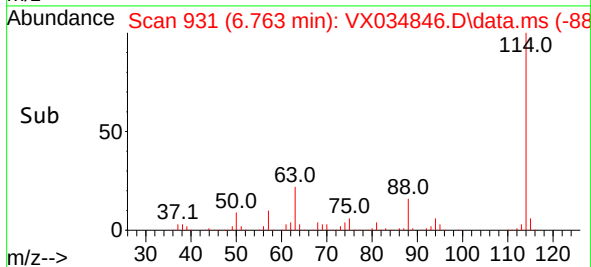
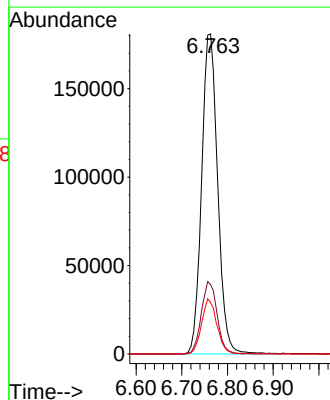
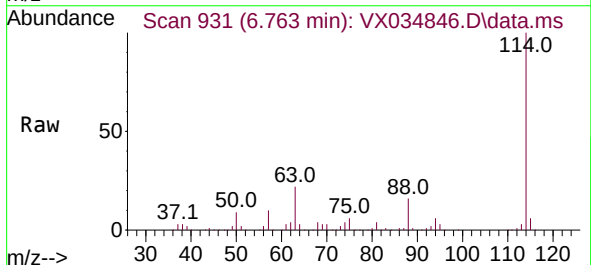
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6ADL2

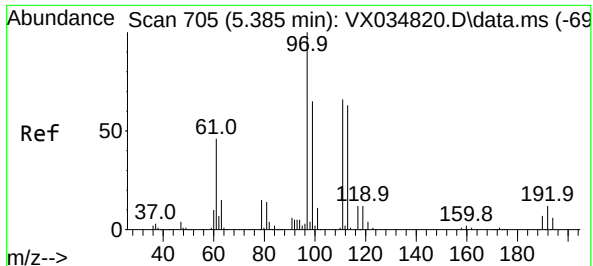
Tgt Ion: 65 Resp: 180695
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034846.D
 Acq: 30 Mar 2023 12:47

Tgt Ion: 114 Resp: 439818
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.2
 88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.855 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034846.D

Acq: 30 Mar 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

MW-6ADL2

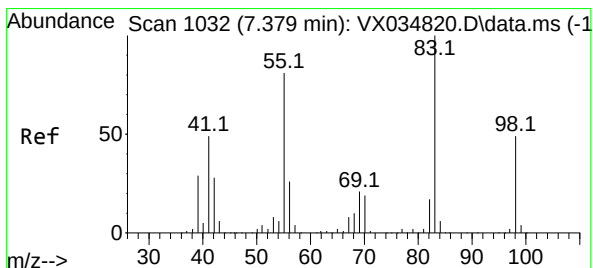
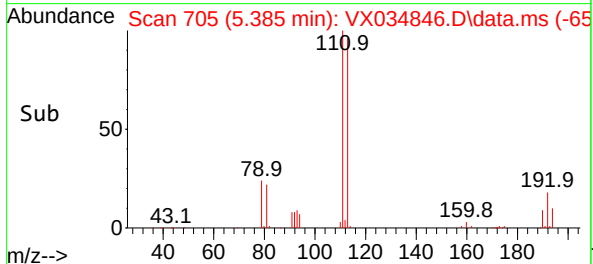
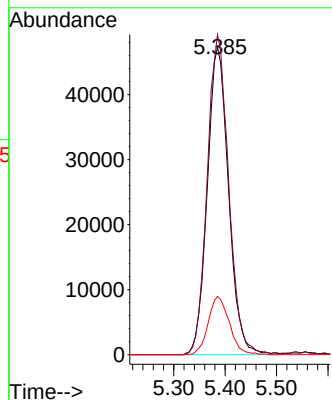
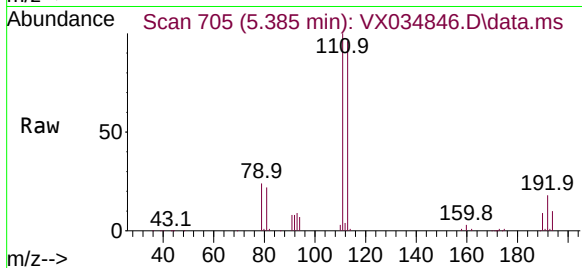
Tgt Ion:113 Resp: 136304

Ion Ratio Lower Upper

113 100

111 104.7 83.7 125.5

192 18.8 15.4 23.2



#39

Methylcyclohexane

Concen: 0.898 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034846.D

Acq: 30 Mar 2023 12:47

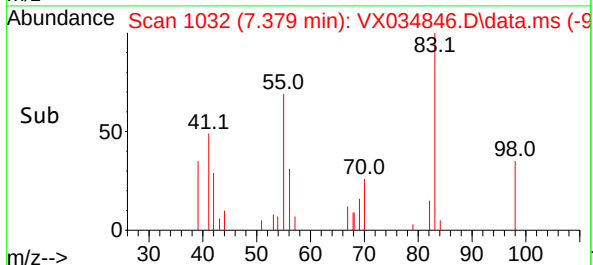
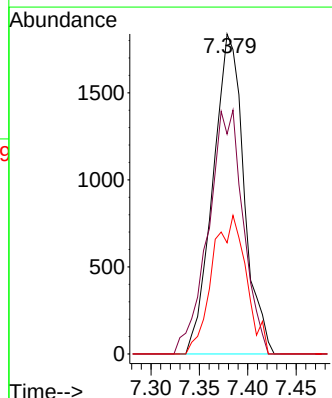
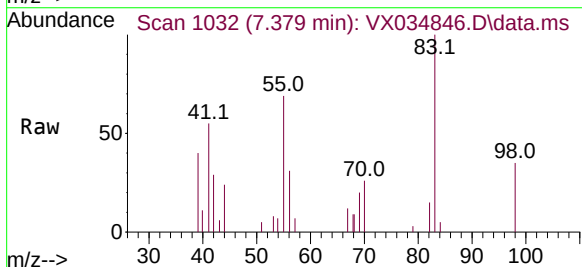
Tgt Ion: 83 Resp: 4102

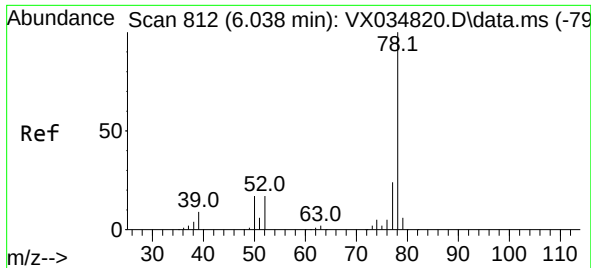
Ion Ratio Lower Upper

83 100

55 68.7 60.5 90.7

98 34.8 40.4 60.6#

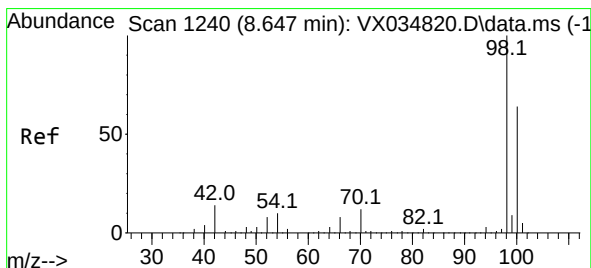
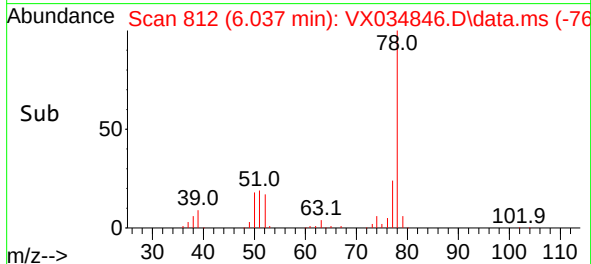
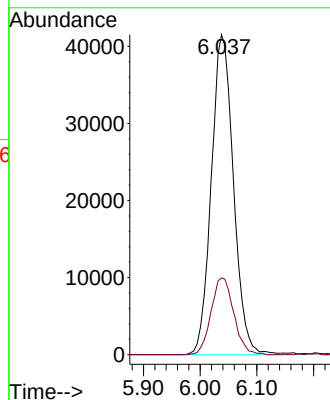
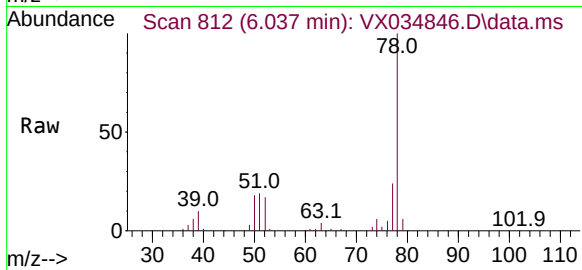




#40
Benzene
Concen: 9.106 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

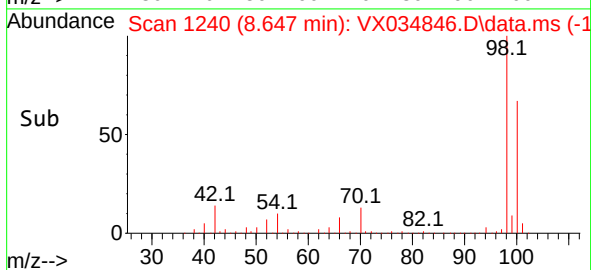
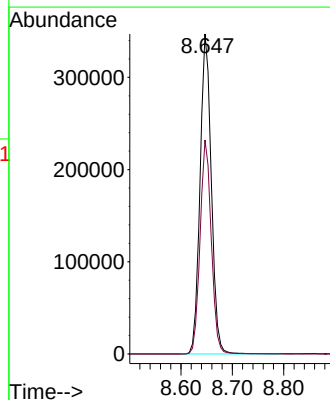
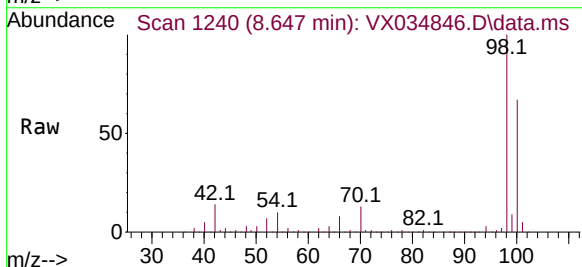
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL2

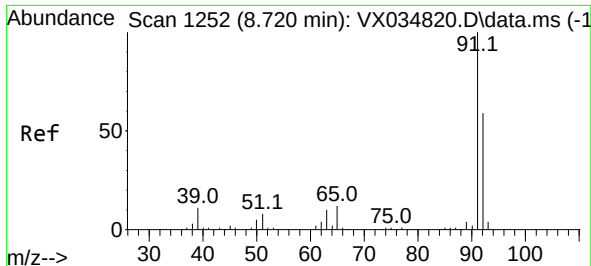
Tgt Ion: 78 Resp: 112684
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4



#50
Toluene-d8
Concen: 49.127 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

Tgt Ion: 98 Resp: 527499
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

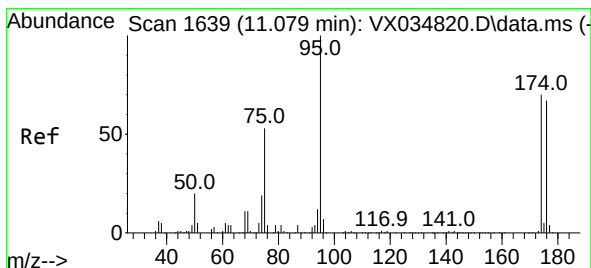
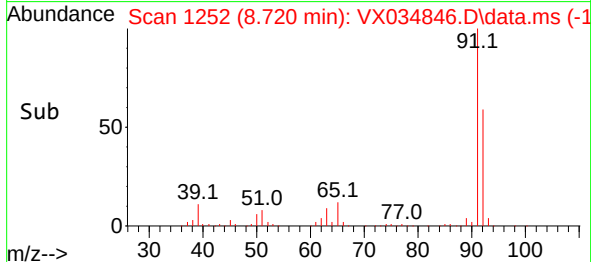
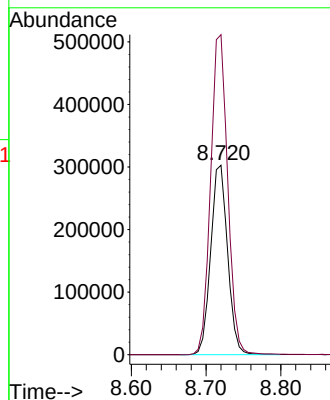
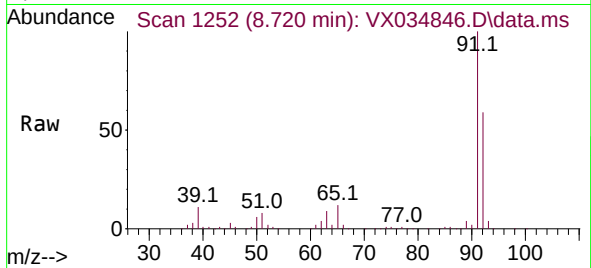




#52
Toluene
Concen: 59.894 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

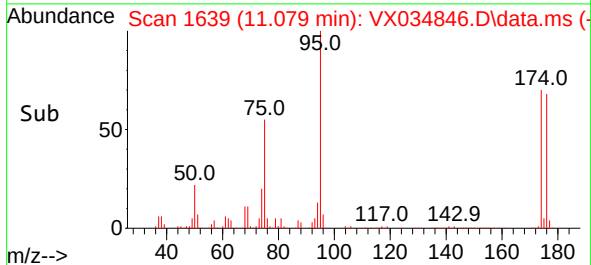
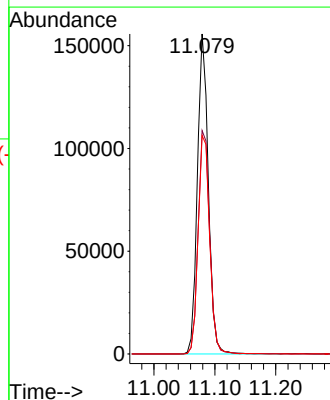
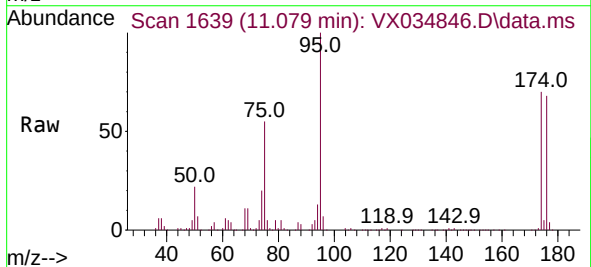
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL2

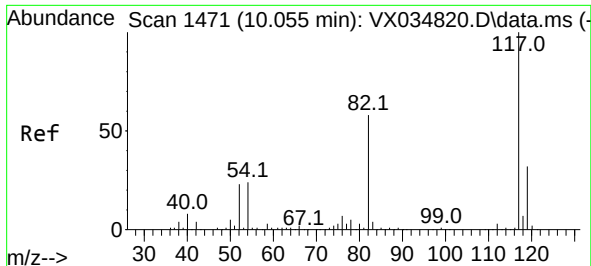
Tgt Ion: 92 Resp: 476040
Ion Ratio Lower Upper
92 100
91 171.1 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 46.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

Tgt Ion: 95 Resp: 193653
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.4
176 72.2 0.0 140.6

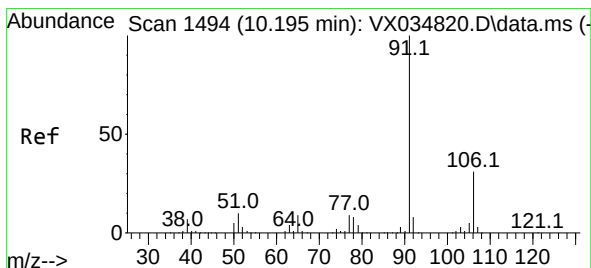
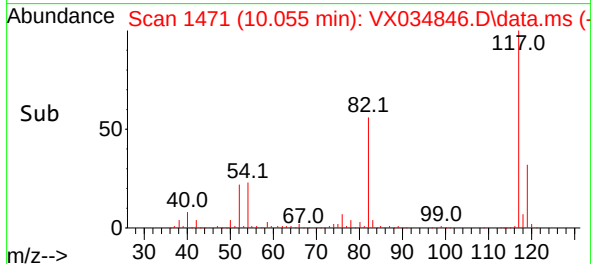
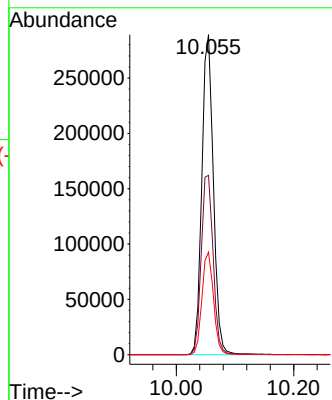
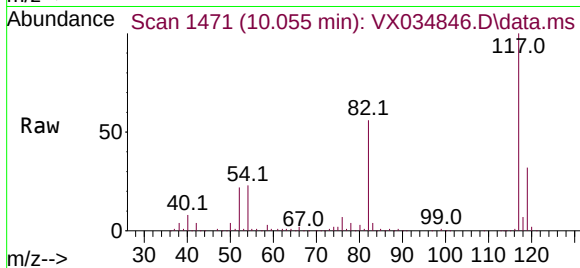




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

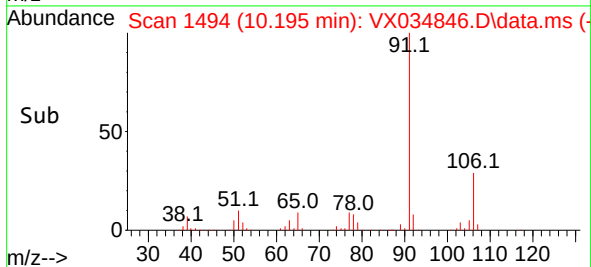
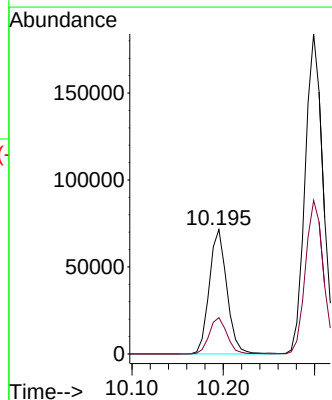
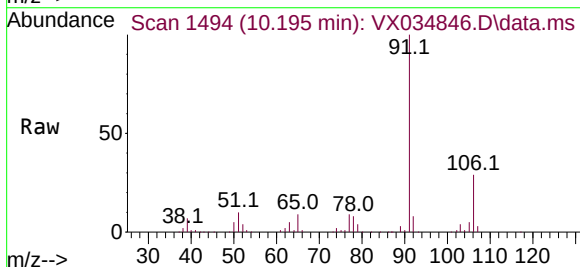
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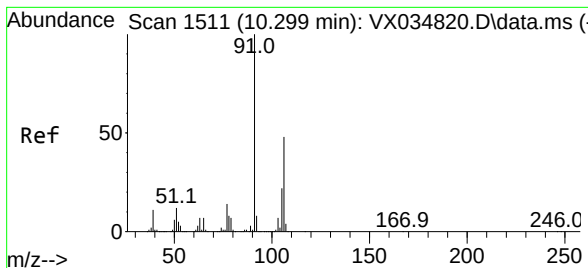
Tgt Ion:117 Resp: 393694
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 32.1 26.0 39.0



#67
Ethyl Benzene
Concen: 6.472 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

Tgt Ion: 91 Resp: 95713
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

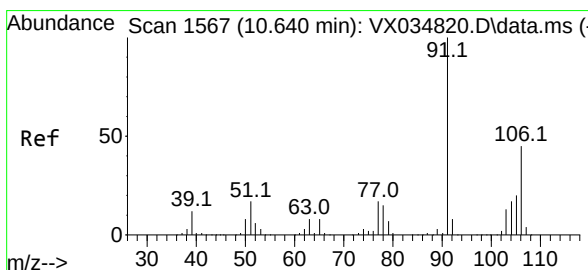
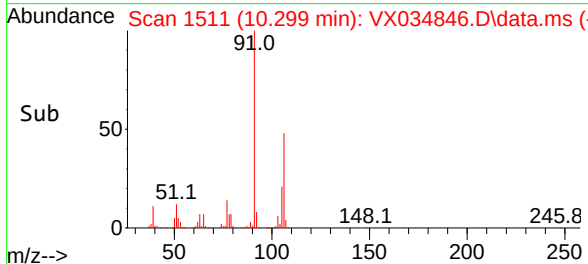
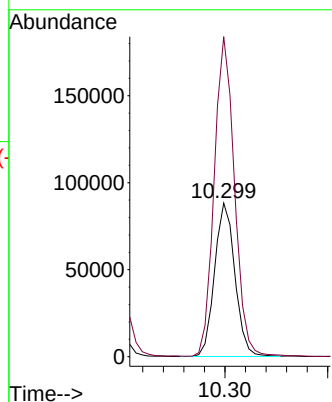
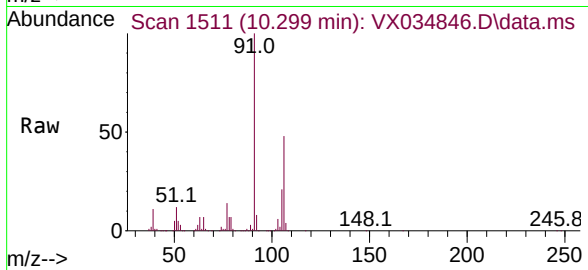




#68
m/p-Xylenes
Concen: 21.660 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

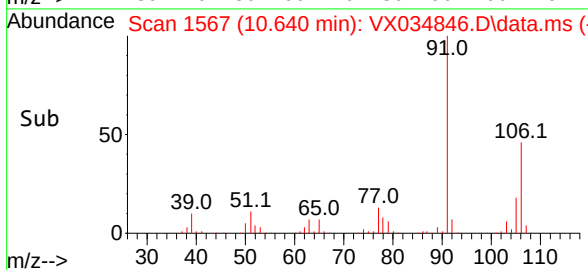
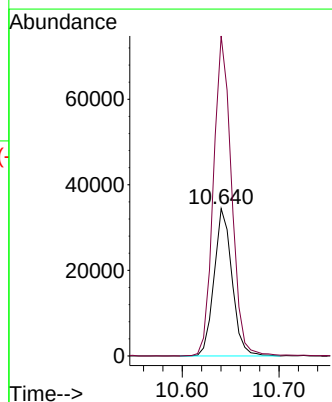
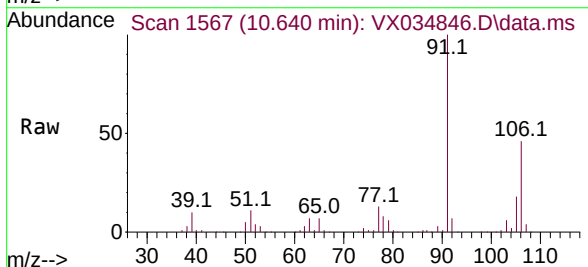
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL2

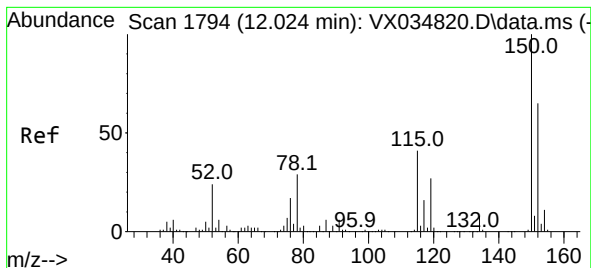
Tgt Ion:106 Resp: 121223
Ion Ratio Lower Upper
106 100
91 208.4 164.0 246.0



#69
o-Xylene
Concen: 7.978 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

Tgt Ion:106 Resp: 44355
Ion Ratio Lower Upper
106 100
91 219.7 108.5 325.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034846.D

Acq: 30 Mar 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :

MW-6ADL2

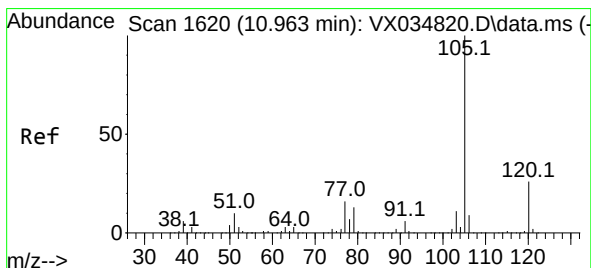
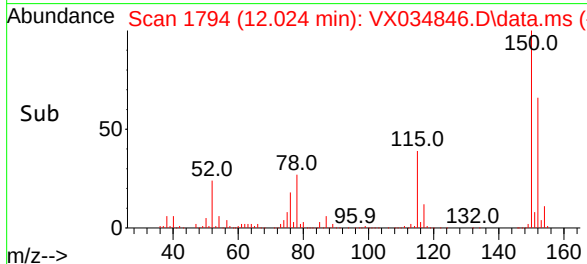
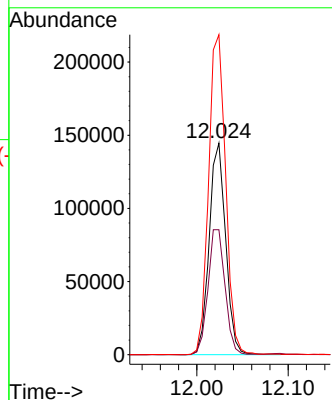
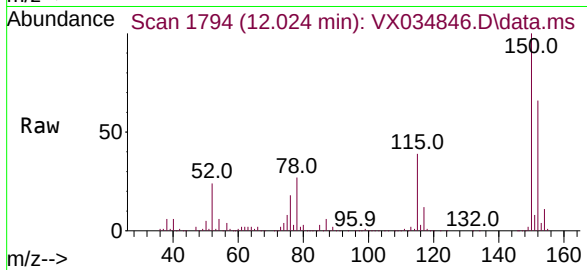
Tgt Ion:152 Resp: 180972

Ion Ratio Lower Upper

152 100

115 61.0 45.0 135.0

150 156.2 0.0 352.4



#73

Isopropylbenzene

Concen: 0.308 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034846.D

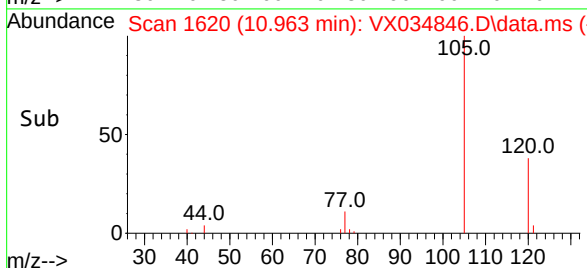
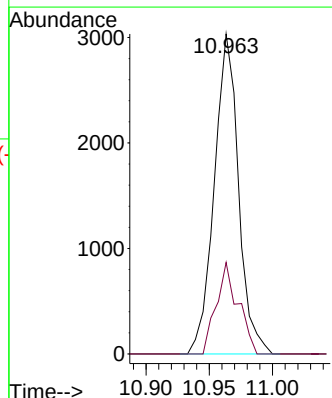
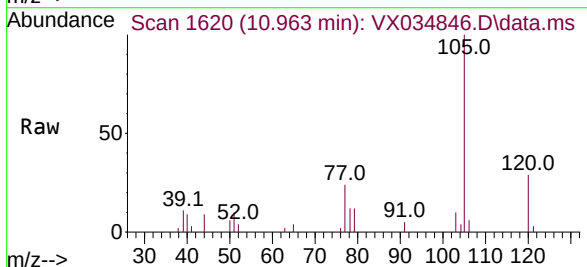
Acq: 30 Mar 2023 12:47

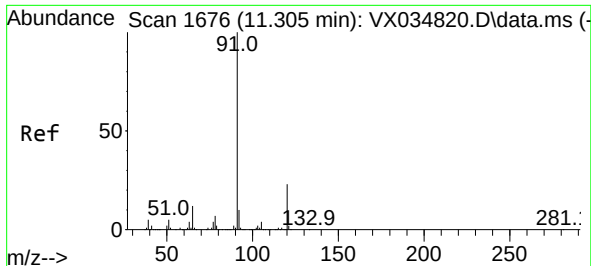
Tgt Ion:105 Resp: 4035

Ion Ratio Lower Upper

105 100

120 25.7 13.3 39.9

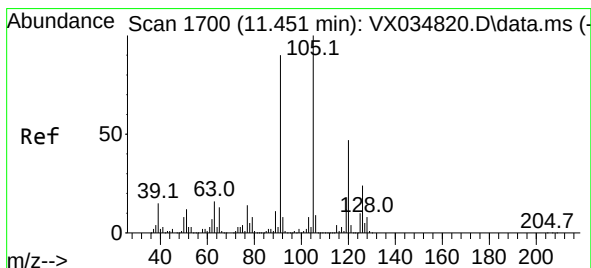
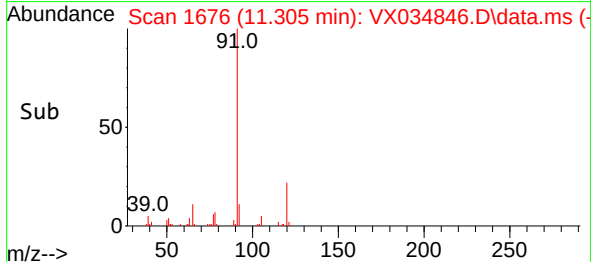
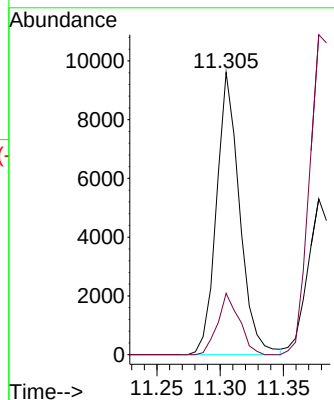
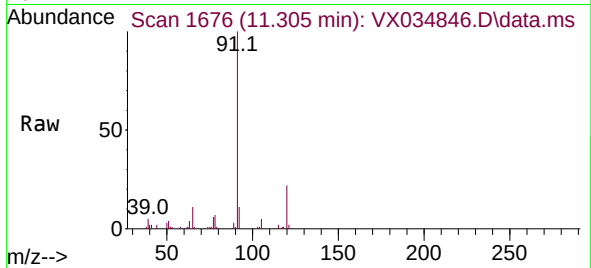




#78
n-propylbenzene
Concen: 0.809 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

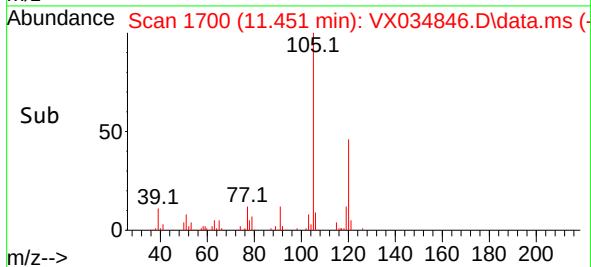
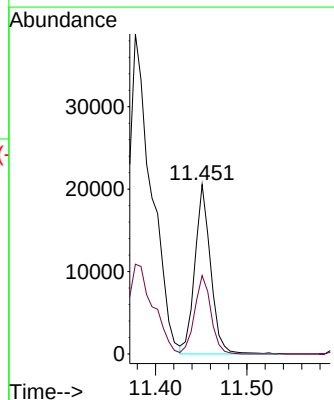
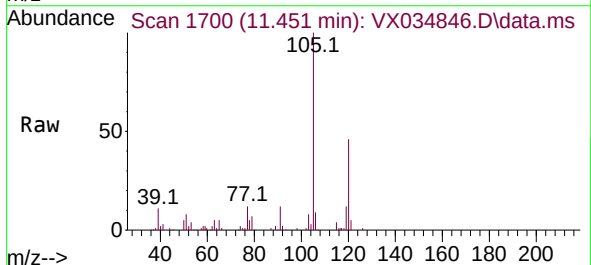
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL2

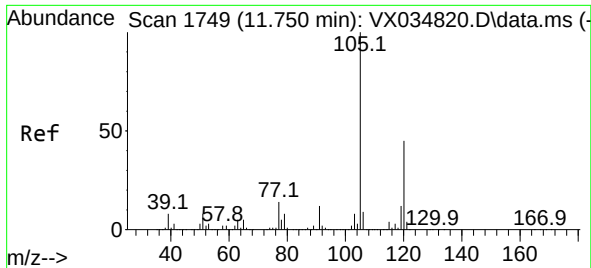
Tgt Ion: 91 Resp: 12219
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 2.238 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034846.D
Acq: 30 Mar 2023 12:47

Tgt Ion: 105 Resp: 24689
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1





#84
 1,2,4-Trimethylbenzene
 Concen: 6.618 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034846.D
 Acq: 30 Mar 2023 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6ADL2

Tgt Ion:105 Resp: 73505
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0

