

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036252.D
 Acq On : 20 Jun 2023 18:48
 Operator : JC/MD
 Sample : 03291-03DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6ADL

Quant Time: Jun 21 02:54:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

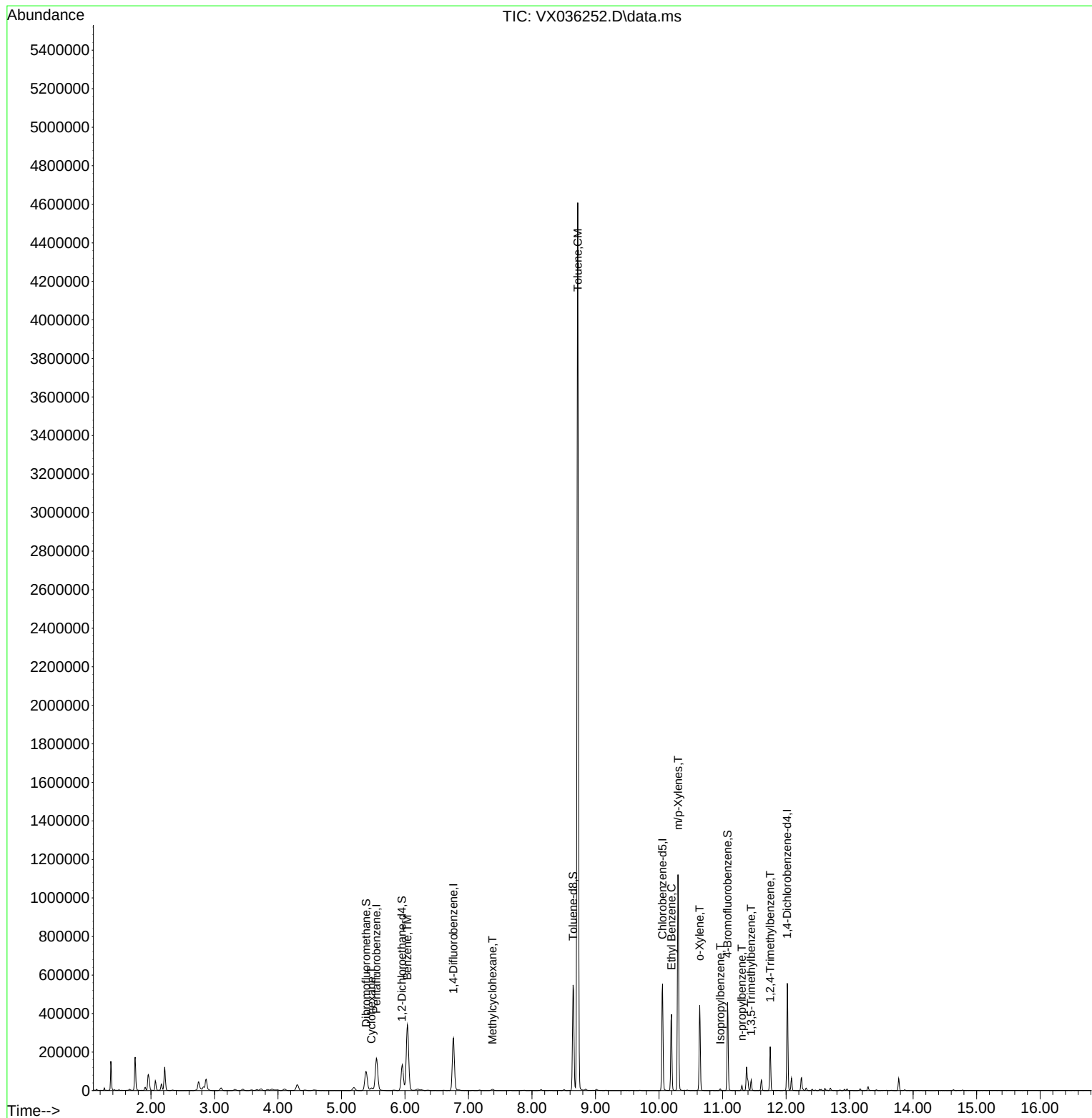
Internal Standards						
1) Pentafluorobenzene	5.550	168	143933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128768	48.956	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.920%
35) Dibromofluoromethane	5.385	113	87722	49.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	8.647	98	312341	47.897	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.079	95	116562	44.282	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.560%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	8964	3.177	ug/l	87
39) Methylcyclohexane	7.379	83	2842	1.005	ug/l	98
40) Benzene	6.037	78	399859	54.147	ug/l	98
52) Toluene	8.720	92	1642728	355.299	ug/l	99
67) Ethyl Benzene	10.195	91	219384	25.547	ug/l	99
68) m/p-Xylenes	10.299	106	244345	75.418	ug/l	100
69) o-Xylene	10.640	106	88933	27.822	ug/l	96
73) Isopropylbenzene	10.963	105	4830	0.618	ug/l	93
78) n-propylbenzene	11.305	91	15494	1.686	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	22185	3.336	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	92648	13.967	ug/l	98

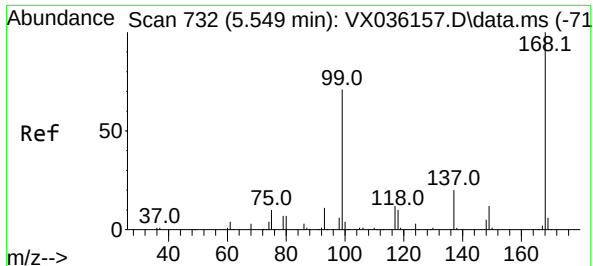
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
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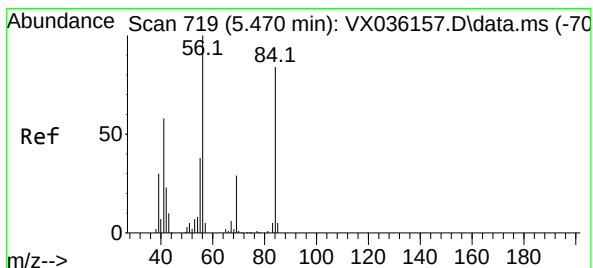
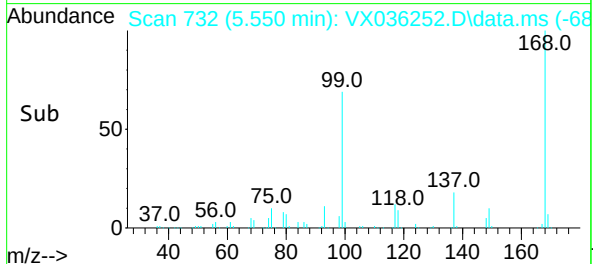
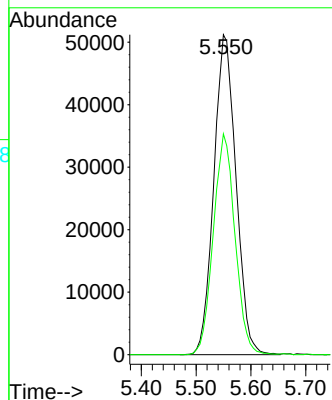
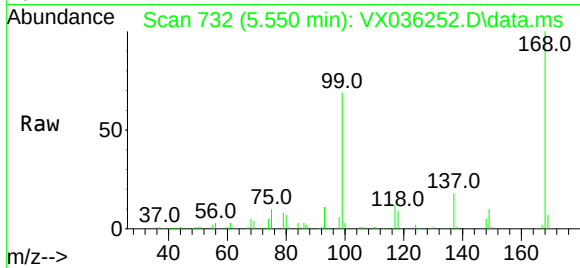




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

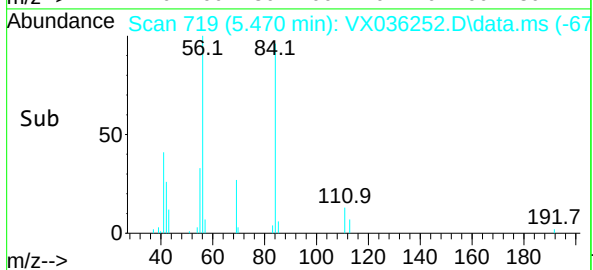
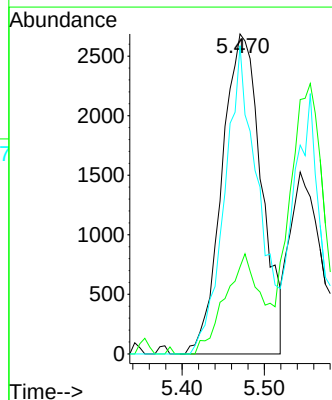
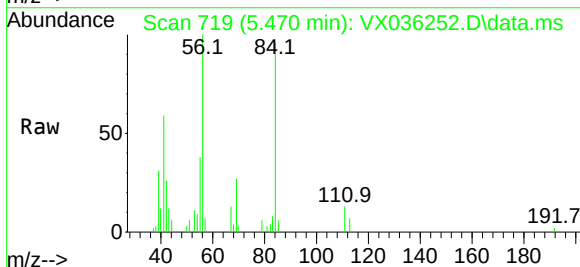
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

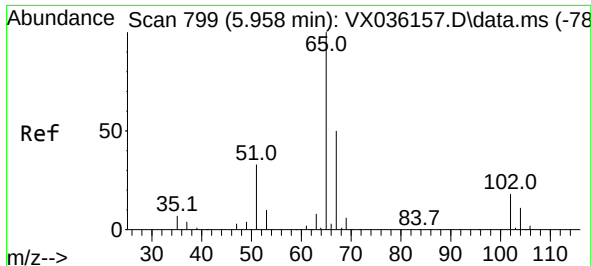
Tgt Ion:168 Resp: 143933
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0



#31
Cyclohexane
Concen: 3.177 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

Tgt Ion: 56 Resp: 8964
Ion Ratio Lower Upper
56 100
69 27.2 23.4 35.2
84 96.4 65.9 98.9

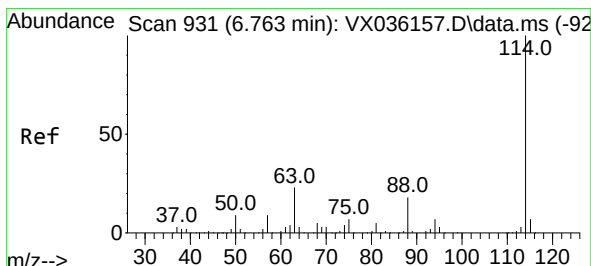
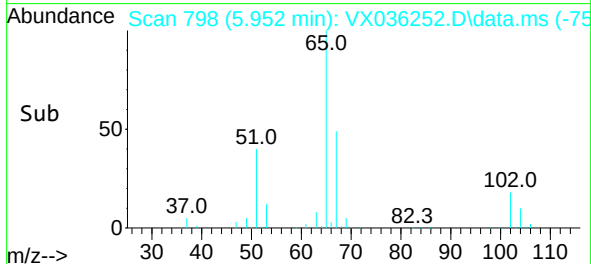
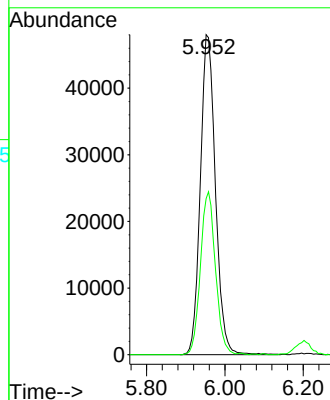
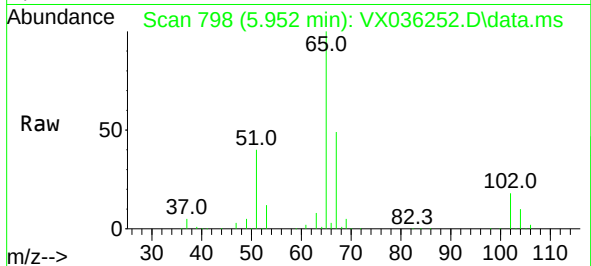




#33
 1,2-Dichloroethane-d4
 Concen: 48.956 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX036252.D
 Acq: 20 Jun 2023 18:48

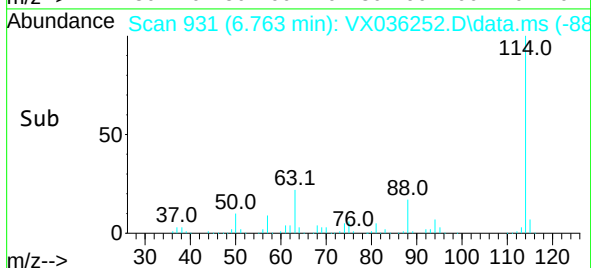
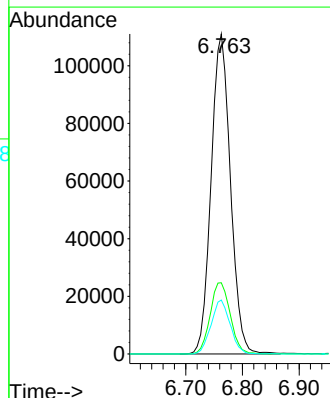
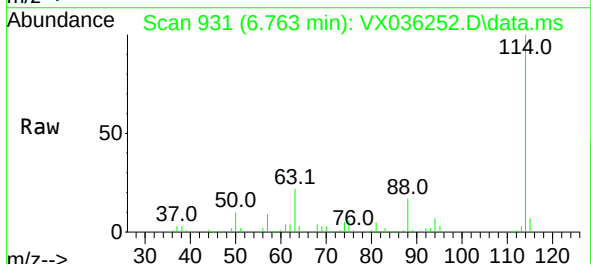
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6ADL

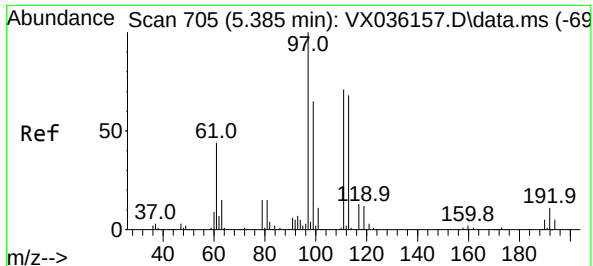
Tgt Ion: 65 Resp: 128768
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036252.D
 Acq: 20 Jun 2023 18:48

Tgt Ion: 114 Resp: 262893
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.9 0.0 36.6

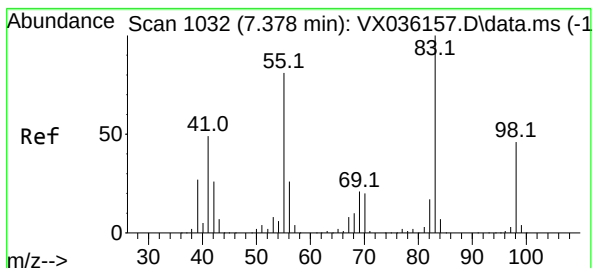
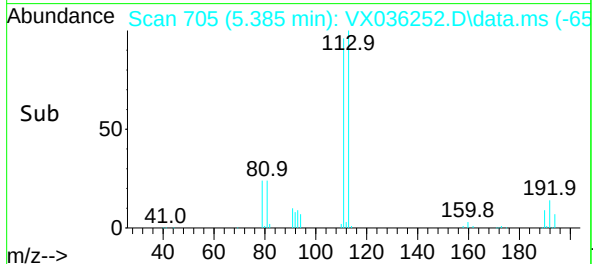
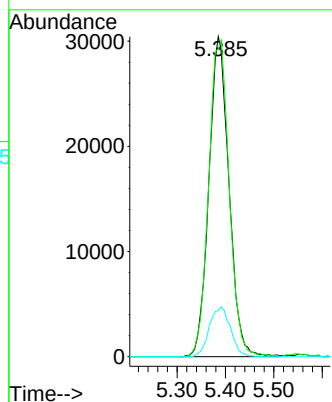
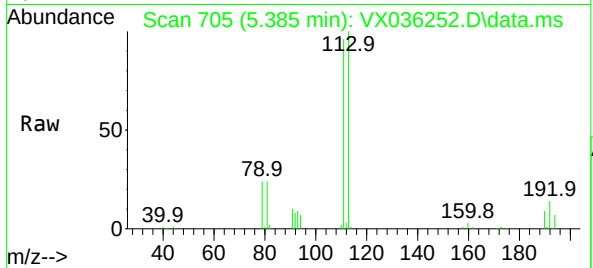




#35
Dibromofluoromethane
Concen: 49.207 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

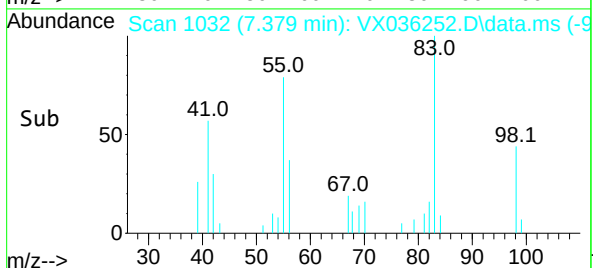
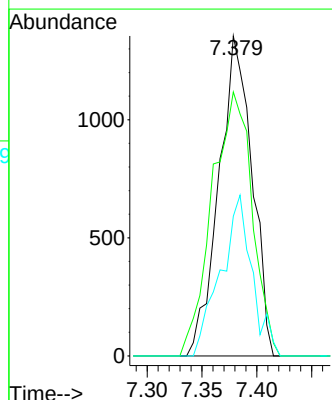
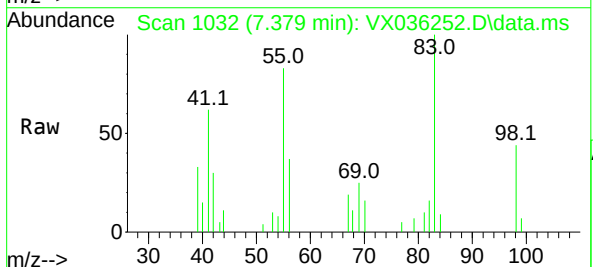
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

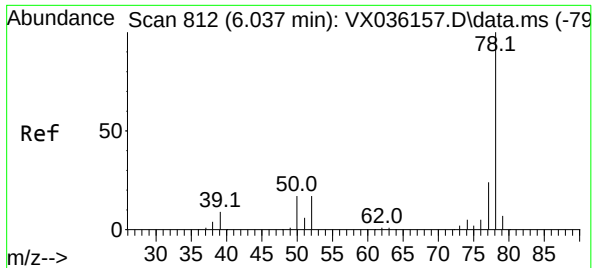
Tgt Ion:113 Resp: 87722
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 16.4 13.3 19.9



#39
Methylcyclohexane
Concen: 1.005 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

Tgt Ion: 83 Resp: 2842
Ion Ratio Lower Upper
83 100
55 82.5 64.6 97.0
98 43.6 36.7 55.1

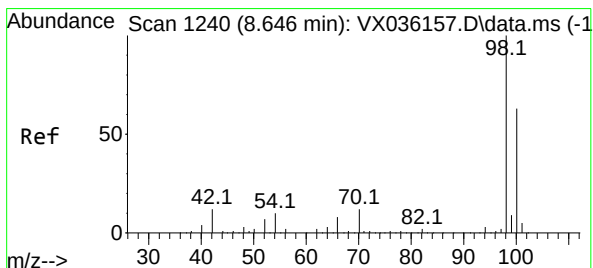
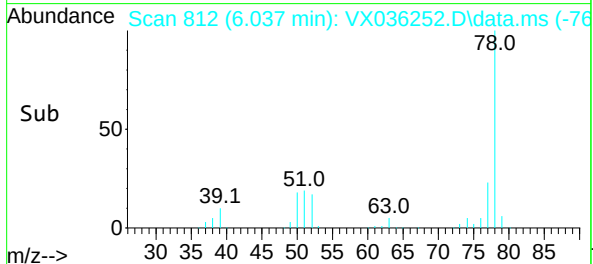
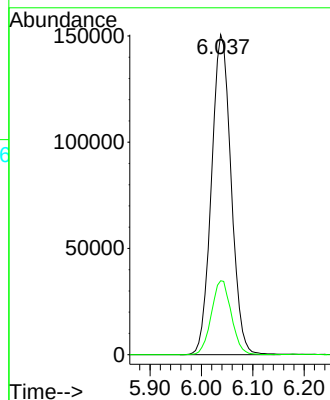
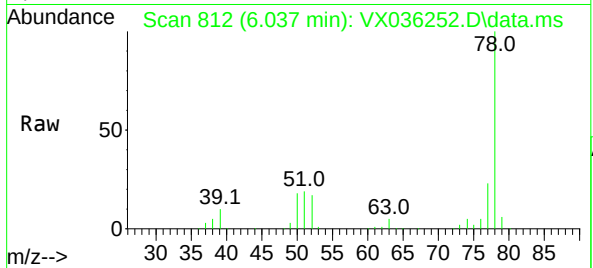




#40
Benzene
Concen: 54.147 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

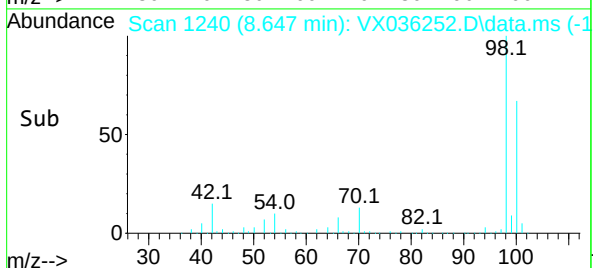
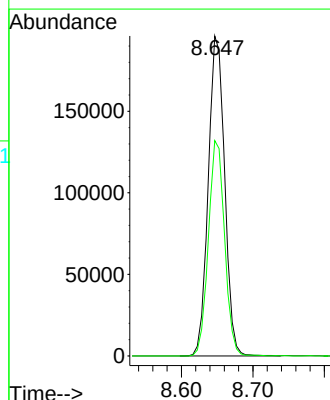
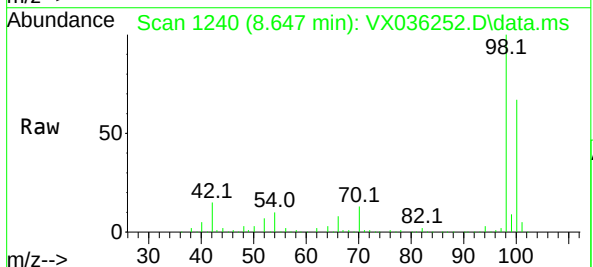
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

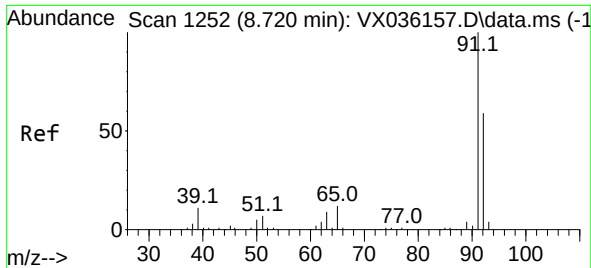
Tgt Ion: 78 Resp: 399859
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



#50
Toluene-d8
Concen: 47.897 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

Tgt Ion: 98 Resp: 312341
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

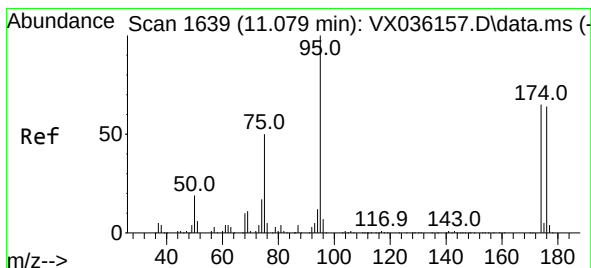
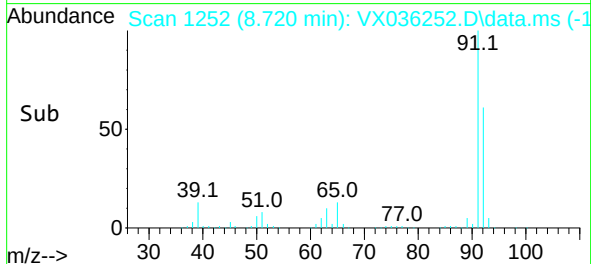
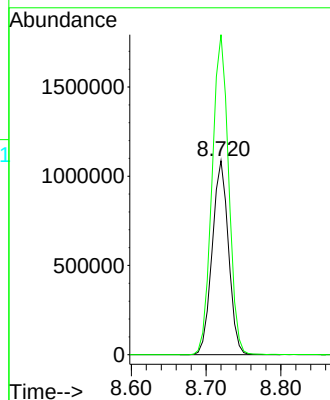
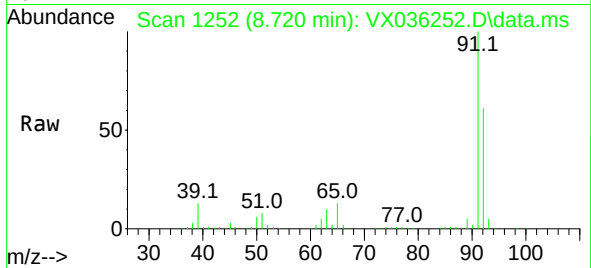




#52
Toluene
Concen: 355.299 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

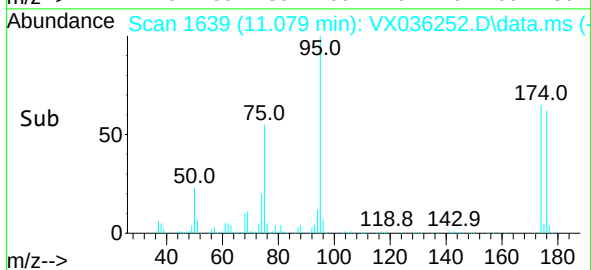
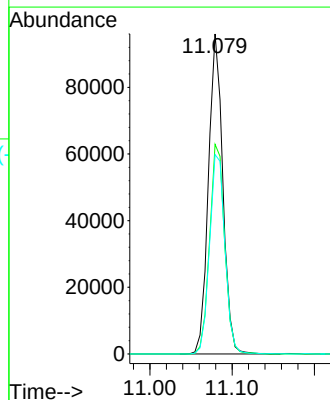
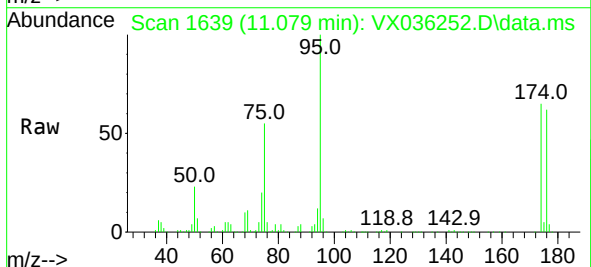
Instrument :
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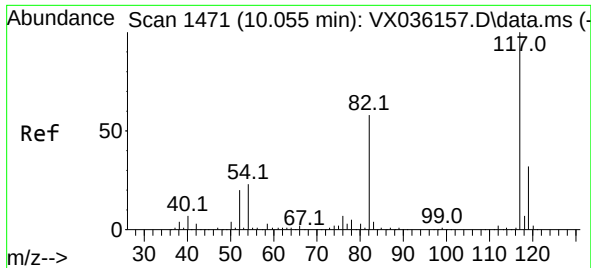
Tgt Ion: 92 Resp: 1642728
Ion Ratio Lower Upper
92 100
91 168.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 44.282 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

Tgt Ion: 95 Resp: 116562
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 66.5 0.0 131.0

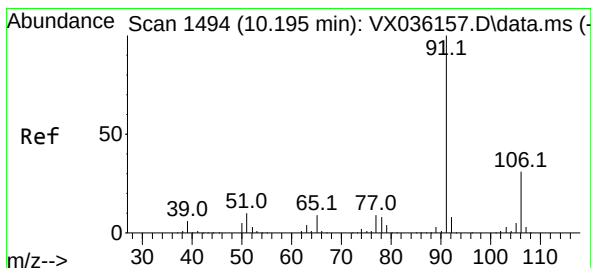
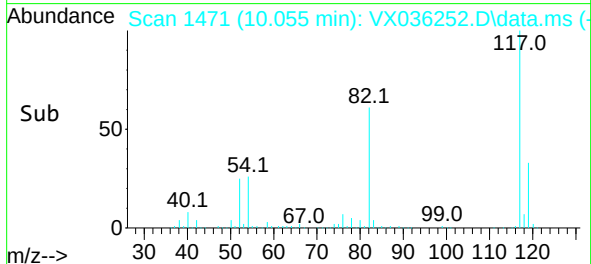
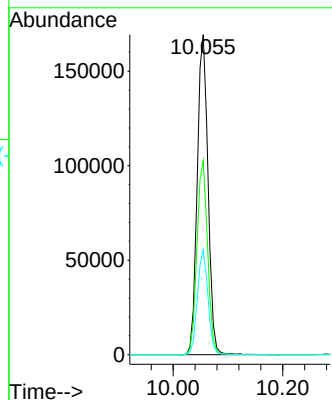
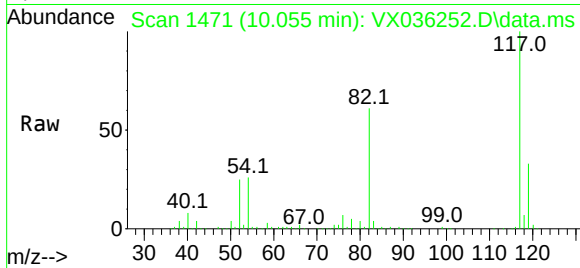




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

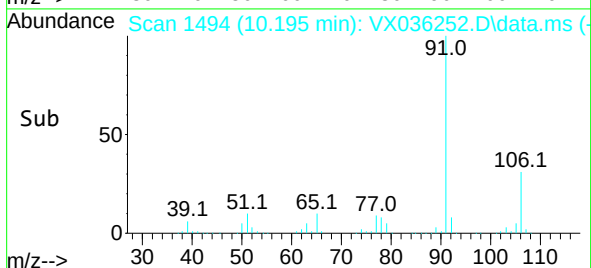
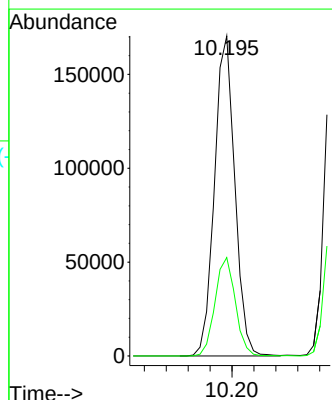
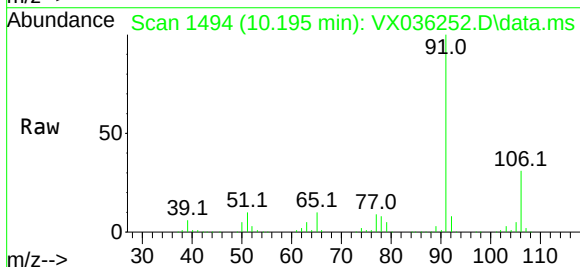
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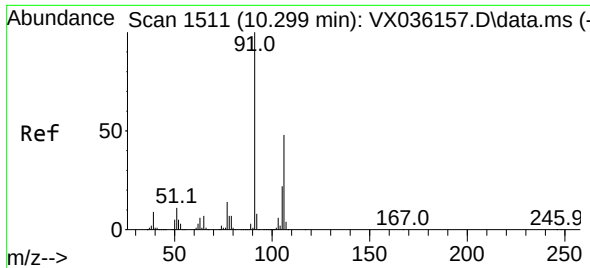
Tgt Ion:117 Resp: 232042
Ion Ratio Lower Upper
117 100
82 60.7 46.2 69.4
119 32.8 25.5 38.3



#67
Ethyl Benzene
Concen: 25.547 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

Tgt Ion: 91 Resp: 219384
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

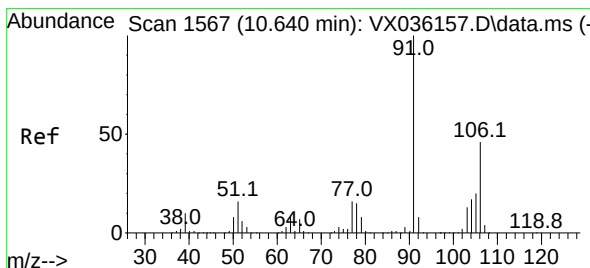
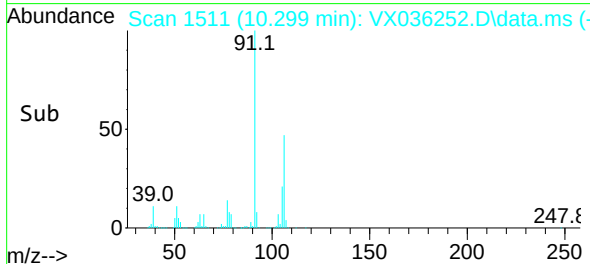
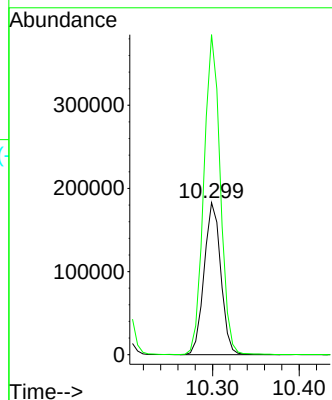
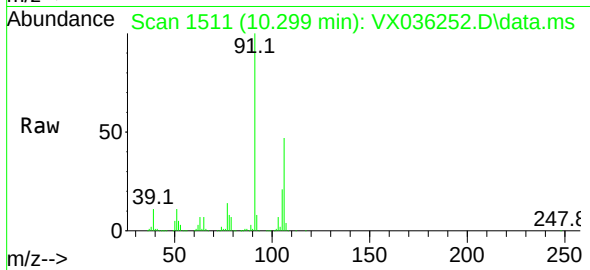




#68
m/p-Xylenes
Concen: 75.418 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

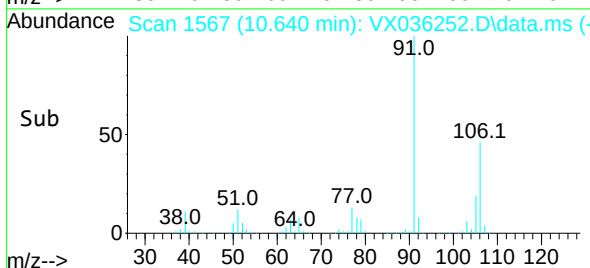
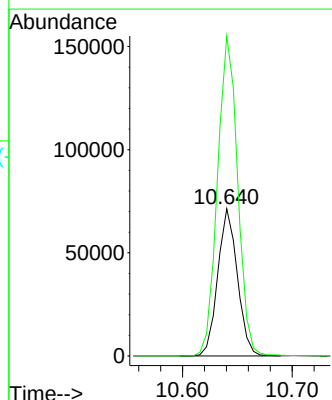
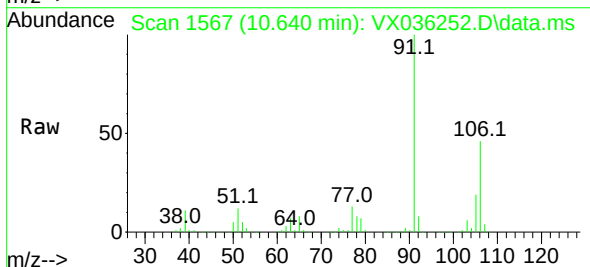
Instrument :
MSVOA_X
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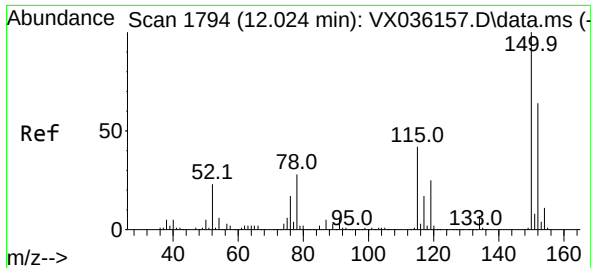
Tgt Ion:106 Resp: 244345
Ion Ratio Lower Upper
106 100
91 207.4 165.5 248.3



#69
o-Xylene
Concen: 27.822 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

Tgt Ion:106 Resp: 88933
Ion Ratio Lower Upper
106 100
91 223.7 108.9 326.8

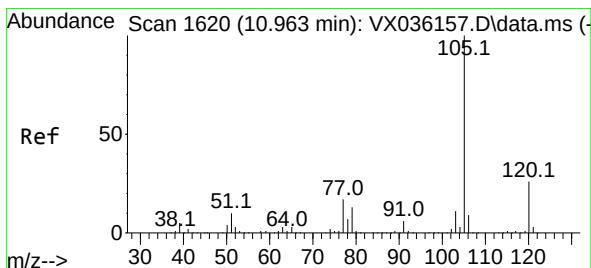
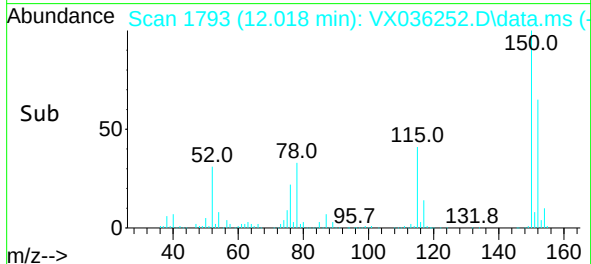
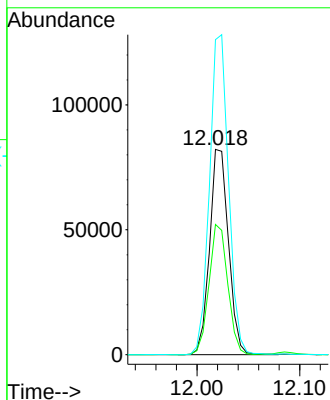
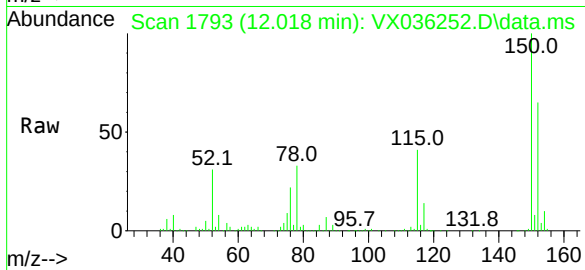




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

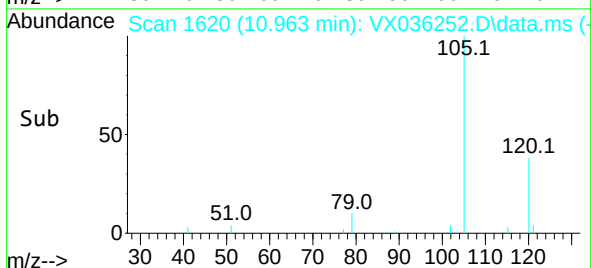
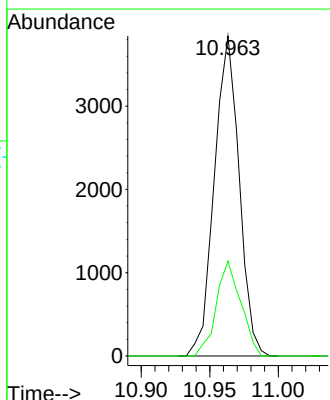
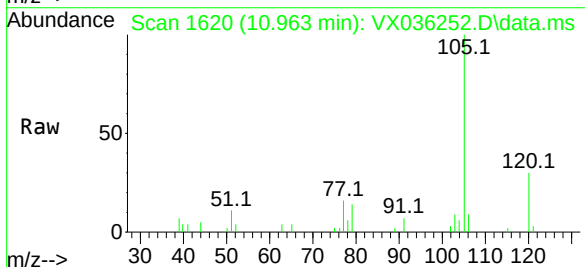
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MSVOA_X
ClientSampleId :
MW-6ADL

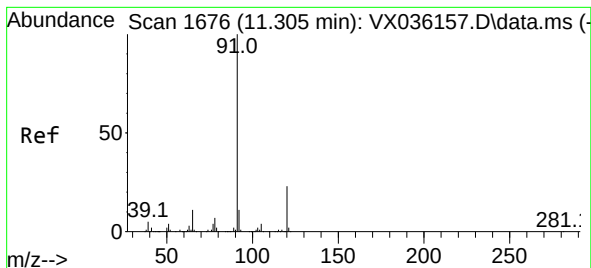
Tgt Ion:152 Resp: 105253
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 156.8 0.0 345.0



#73
Isopropylbenzene
Concen: 0.618 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036252.D
Acq: 20 Jun 2023 18:48

Tgt Ion:105 Resp: 4830
Ion Ratio Lower Upper
105 100
120 29.4 12.9 38.6





#78

n-propylbenzene

Concen: 1.686 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036252.D

Acq: 20 Jun 2023 18:48

Instrument :

MSVOA_X

ClientSampleId :

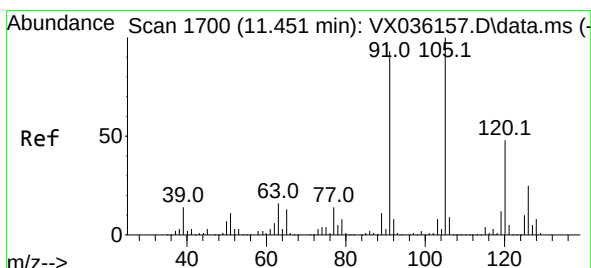
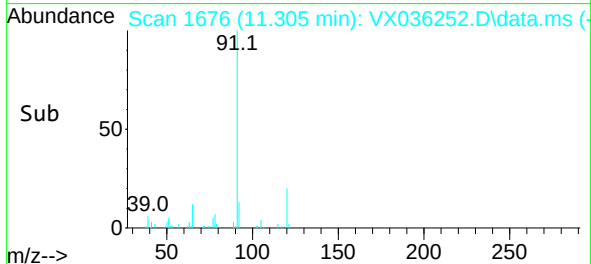
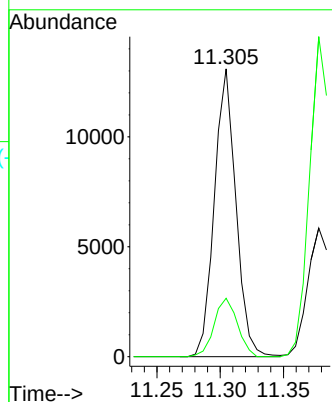
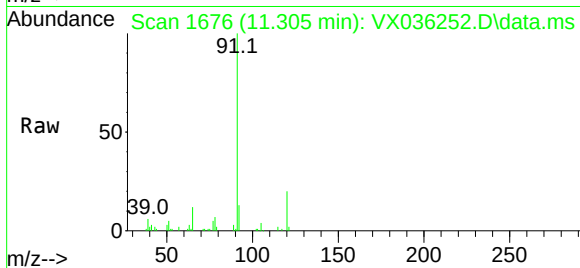
MW-6ADL

Tgt Ion: 91 Resp: 15494

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 3.336 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036252.D

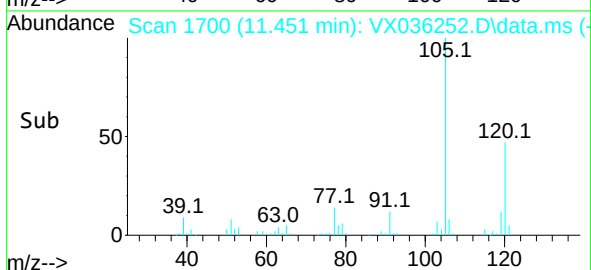
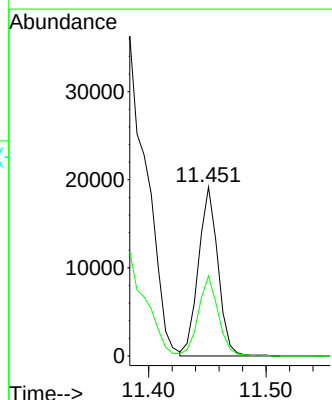
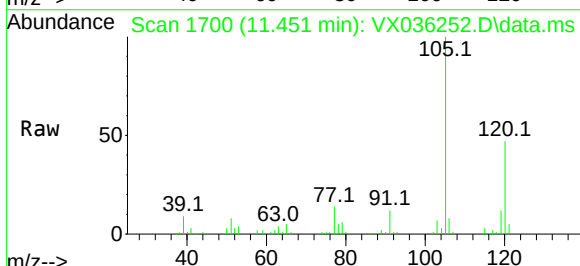
Acq: 20 Jun 2023 18:48

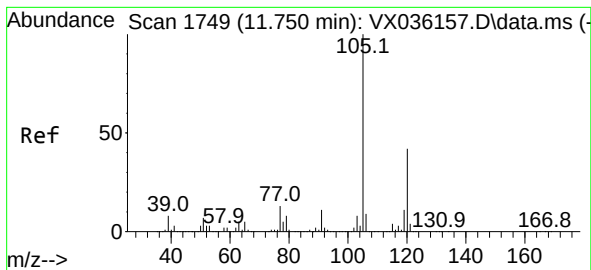
Tgt Ion:105 Resp: 22185

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 13.967 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036252.D

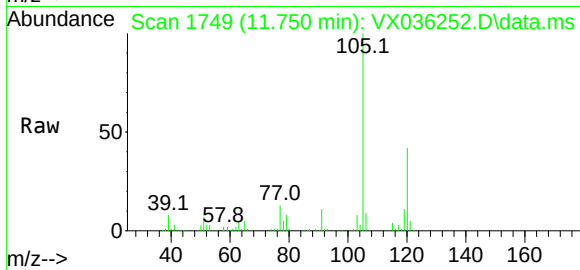
Acq: 20 Jun 2023 18:48

Instrument :

MSVOA_X

ClientSampleId :

MW-6ADL



Tgt Ion:105 Resp: 92648

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6

