

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036245.D
 Acq On : 20 Jun 2023 16:04
 Operator : JC/MD
 Sample : 03339-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Jun 21 08:11:49 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)

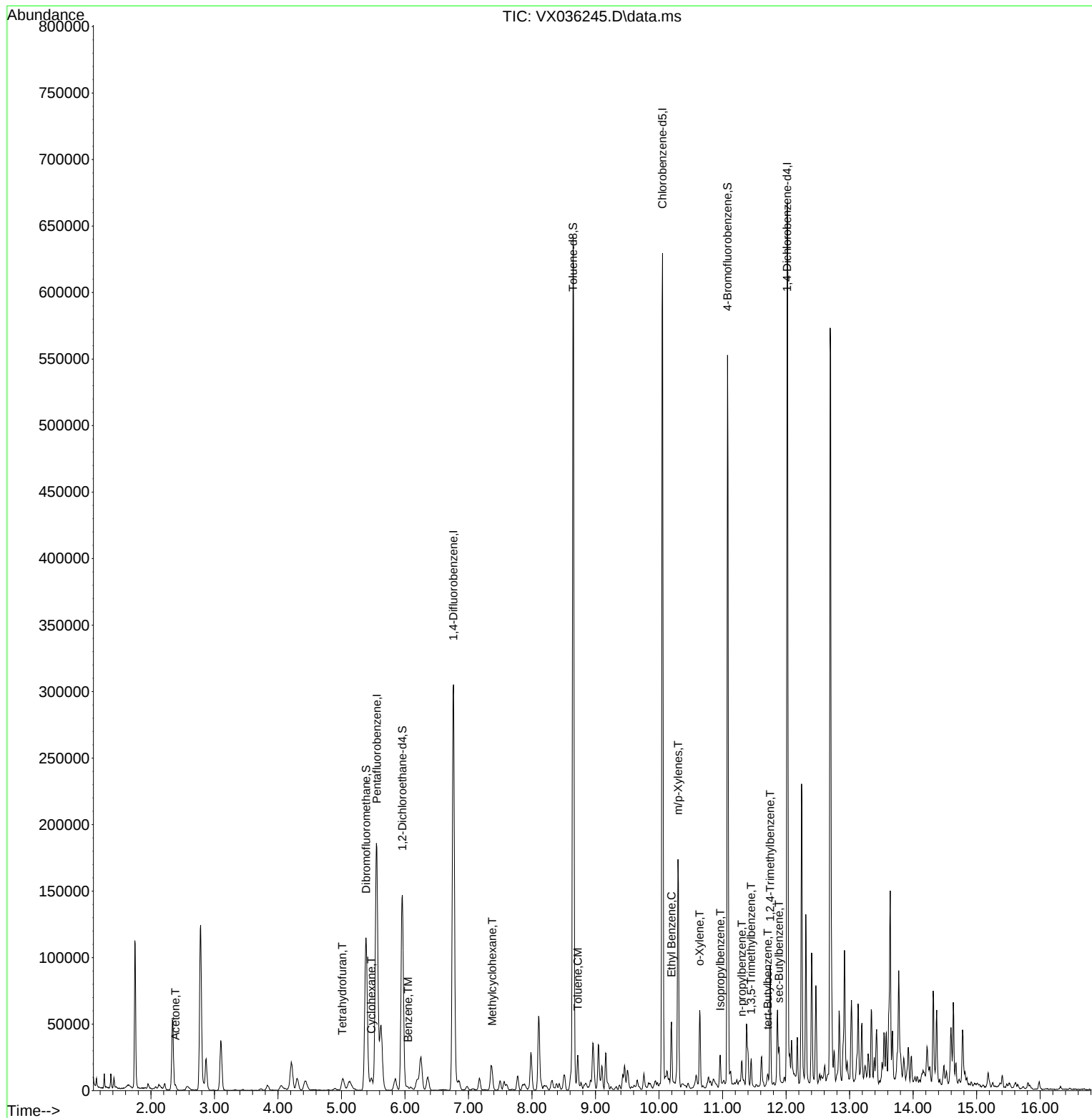
Internal Standards						
1) Pentafluorobenzene	5.556	168	160716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	294064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	124057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151378	51.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.080%	
35) Dibromofluoromethane	5.385	113	97841	49.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.140%	
50) Toluene-d8	8.647	98	362196	49.655	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.320%	
62) 4-Bromofluorobenzene	11.079	95	142507	48.399	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.800%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3888	3.186	ug/l	96
29) Tetrahydrofuran	5.013	42	8762	8.076	ug/l	98
31) Cyclohexane	5.470	56	6151	1.952	ug/l #	81
39) Methylcyclohexane	7.373	83	3203	1.012	ug/l #	26
40) Benzene	6.050	78	2310	0.280	ug/l	93
52) Toluene	8.720	92	9345	1.807	ug/l	99
67) Ethyl Benzene	10.195	91	27271	2.820	ug/l	96
68) m/p-Xylenes	10.299	106	37405	10.251	ug/l	96
69) o-Xylene	10.640	106	11285	3.135	ug/l	96
73) Isopropylbenzene	10.963	105	10927	1.187	ug/l	96
78) n-propylbenzene	11.305	91	8801	0.813	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	7575	0.966	ug/l	97
83) tert-Butylbenzene	11.713	119	2692	0.361	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	35483	4.538	ug/l	98
85) sec-Butylbenzene	11.890	105	11555	1.245	ug/l #	57

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

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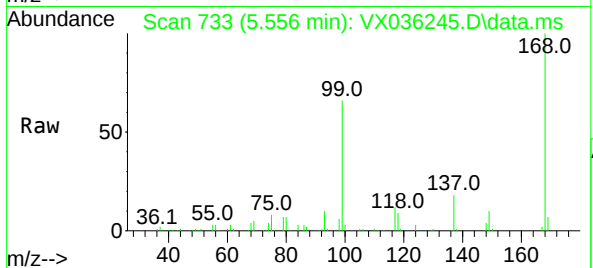
Quant Time: Jun 21 08:11:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
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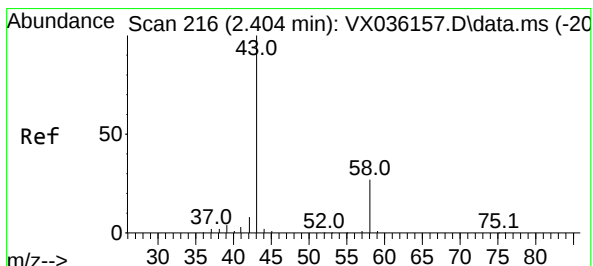
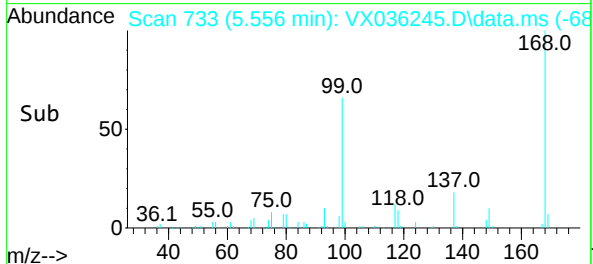
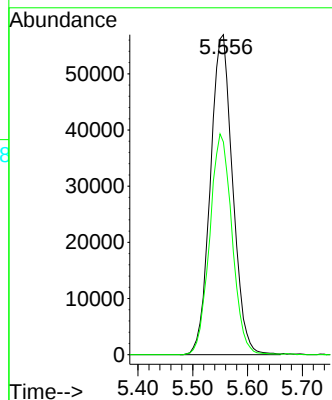


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :
MW-10

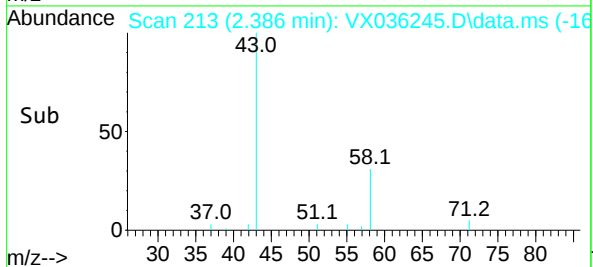
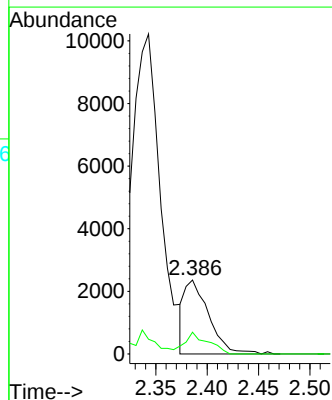
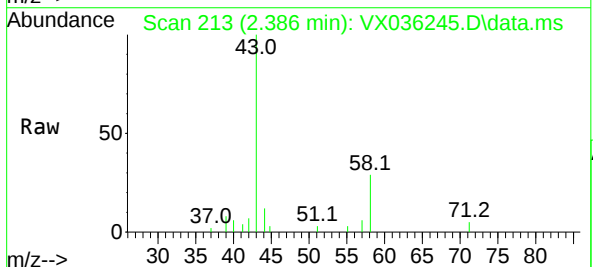


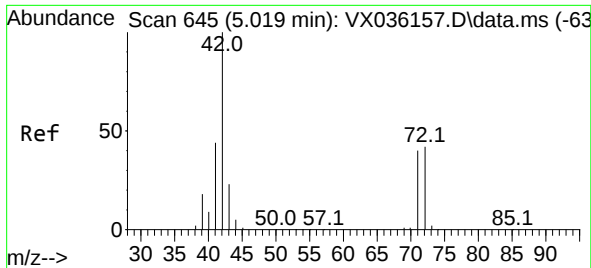
Tgt Ion:168 Resp: 160716
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0



#16
Acetone
Concen: 3.186 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

Tgt Ion: 43 Resp: 3888
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





#29

Tetrahydrofuran

Concen: 8.076 ug/l

RT: 5.013 min Scan# 645

Delta R.T. -0.006 min

Lab File: VX036245.D

Acq: 20 Jun 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-10

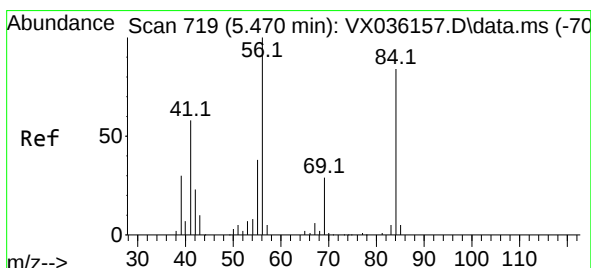
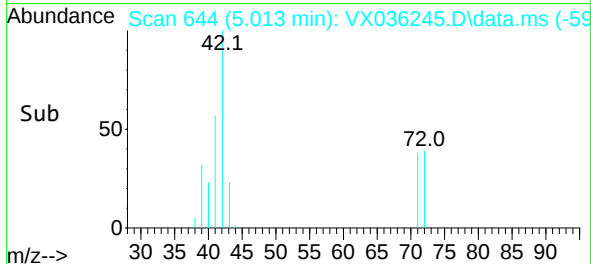
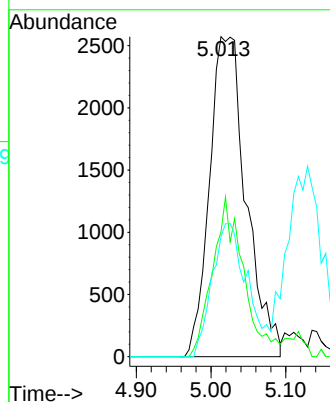
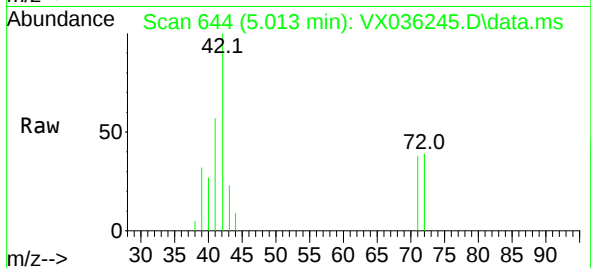
Tgt Ion: 42 Resp: 8762

Ion Ratio Lower Upper

42 100

72 42.3 34.2 51.4

71 38.6 32.2 48.2



#31

Cyclohexane

Concen: 1.952 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX036245.D

Acq: 20 Jun 2023 16:04

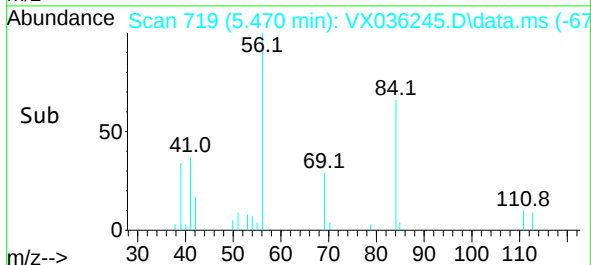
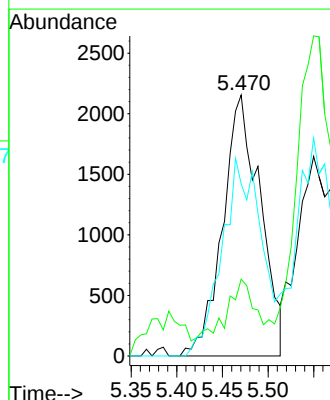
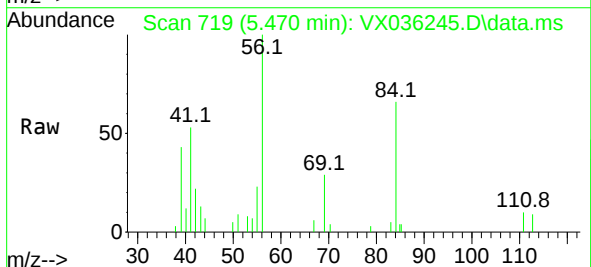
Tgt Ion: 56 Resp: 6151

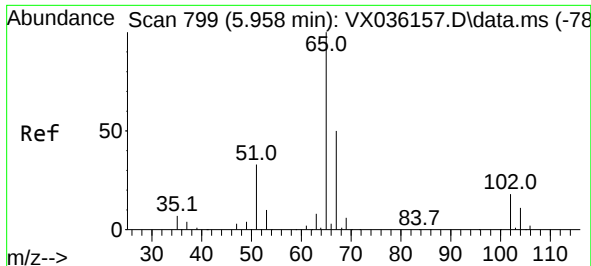
Ion Ratio Lower Upper

56 100

69 17.6 23.4 35.2#

84 66.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 51.542 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036245.D

Acq: 20 Jun 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

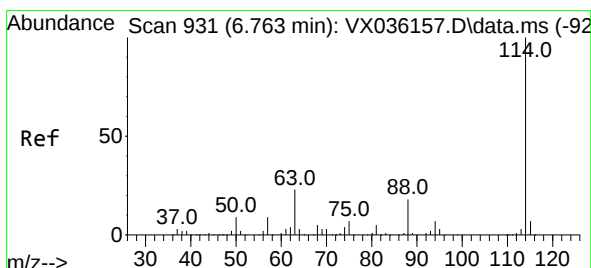
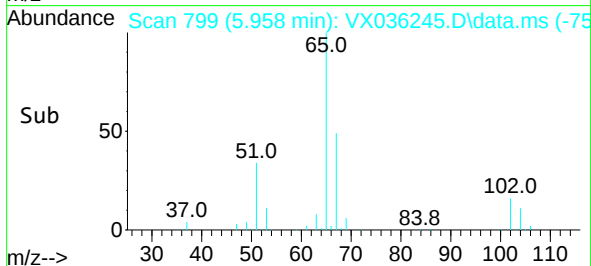
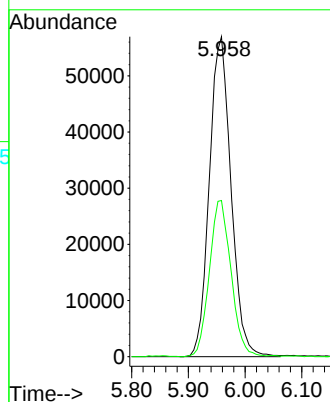
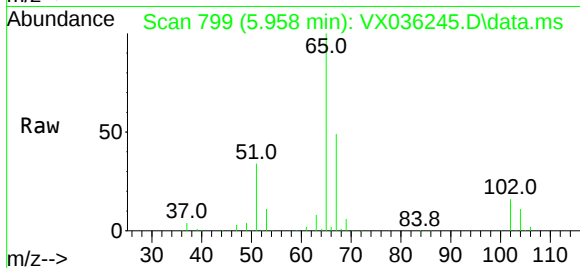
MW-10

Tgt Ion: 65 Resp: 151378

Ion Ratio Lower Upper

65 100

67 48.7 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: VX036245.D

Acq: 20 Jun 2023 16:04

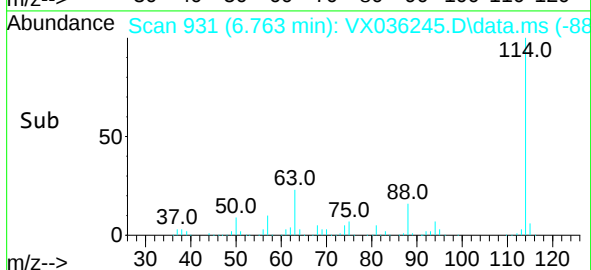
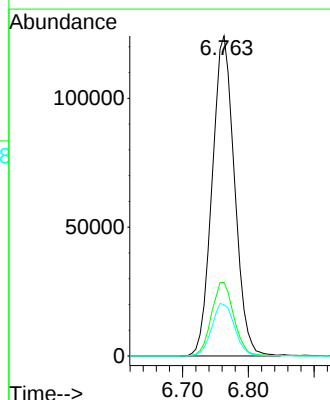
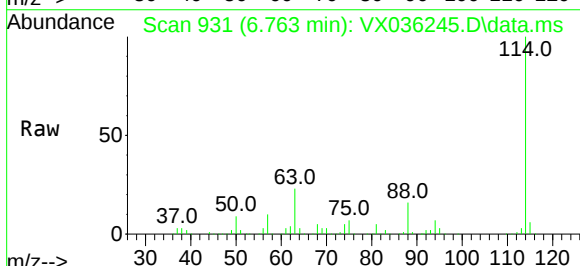
Tgt Ion: 114 Resp: 294064

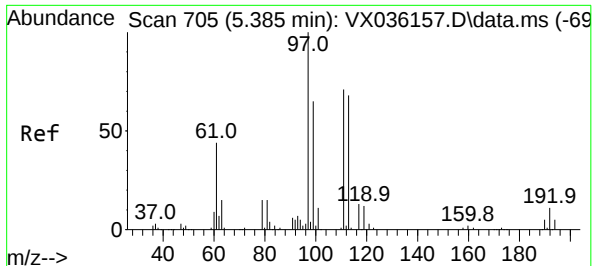
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.065 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036245.D

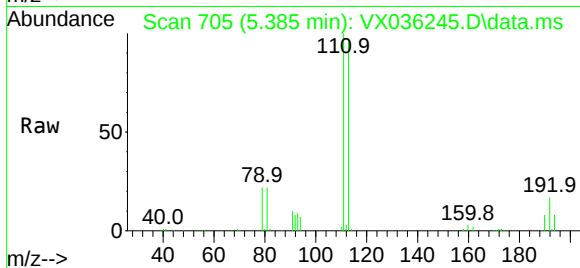
Acq: 20 Jun 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-10



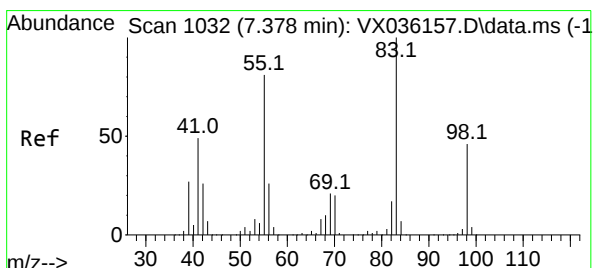
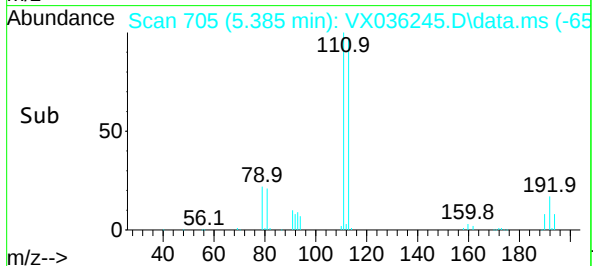
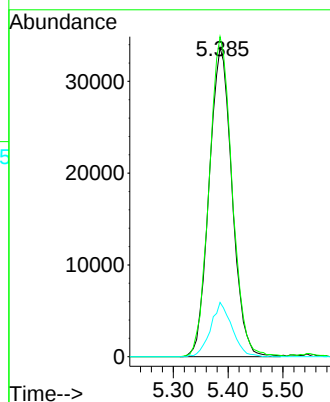
Tgt Ion:113 Resp: 97841

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

192 16.4 13.3 19.9



#39

Methylcyclohexane

Concen: 1.012 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VX036245.D

Acq: 20 Jun 2023 16:04

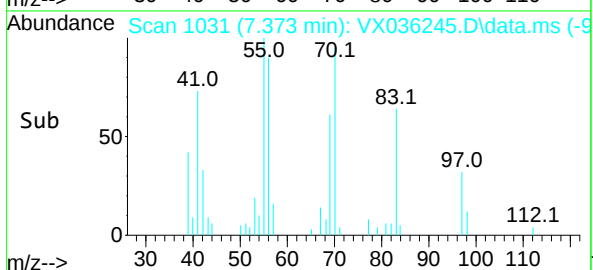
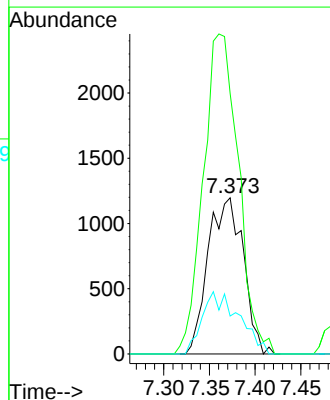
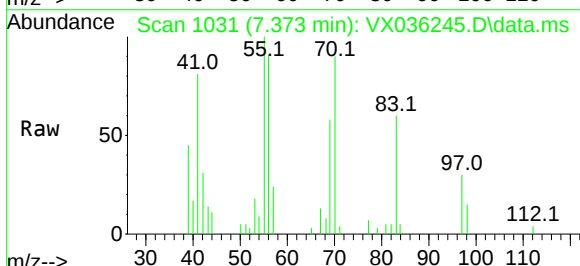
Tgt Ion: 83 Resp: 3203

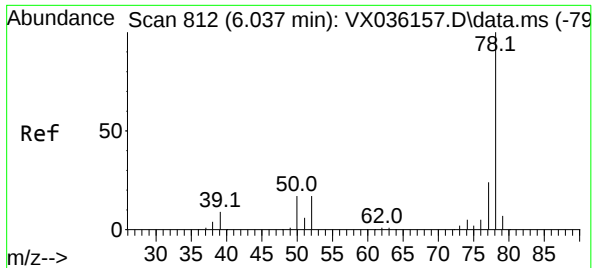
Ion Ratio Lower Upper

83 100

55 166.9 64.6 97.0#

98 24.2 36.7 55.1#

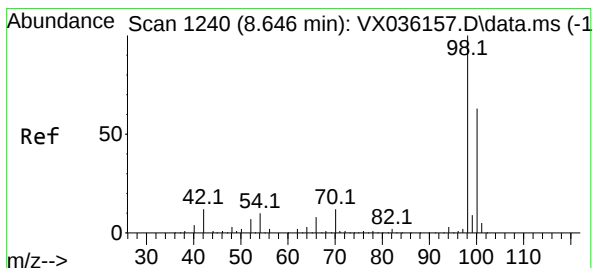
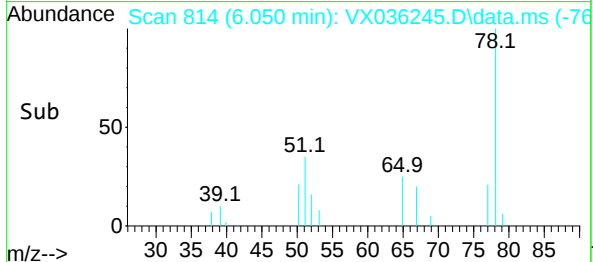
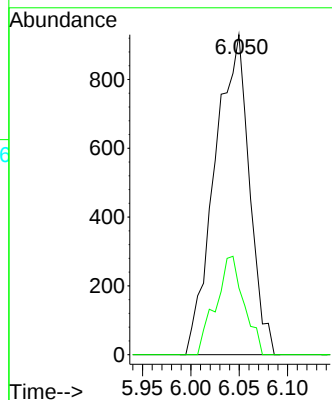
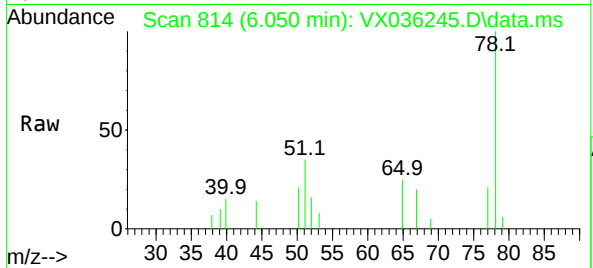




#40
Benzene
Concen: 0.280 ug/l
RT: 6.050 min Scan# 812
Delta R.T. 0.013 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

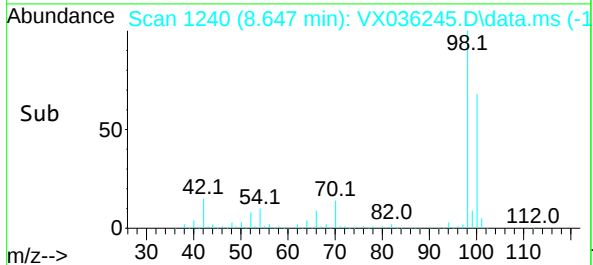
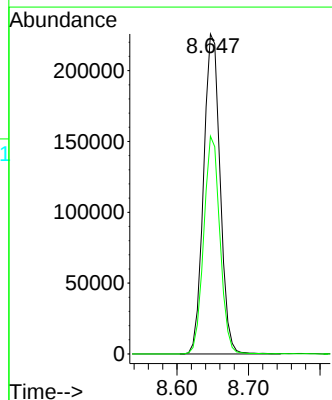
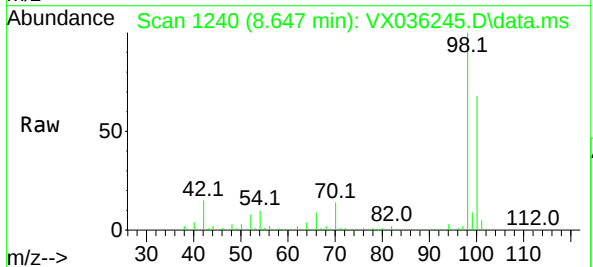
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MW-10

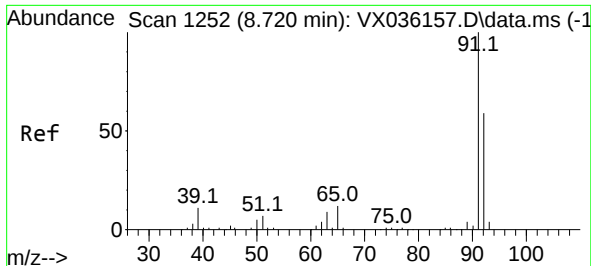
Tgt Ion: 78 Resp: 2310
Ion Ratio Lower Upper
78 100
77 20.9 19.3 28.9



#50
Toluene-d8
Concen: 49.655 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

Tgt Ion: 98 Resp: 362196
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

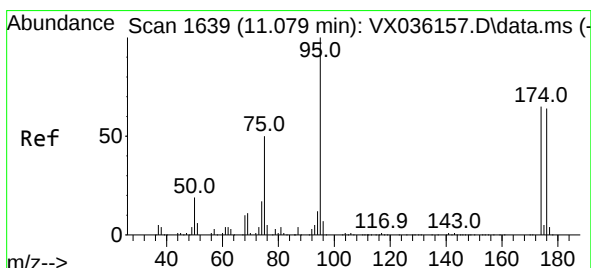
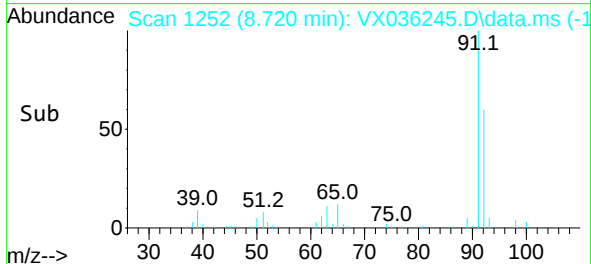
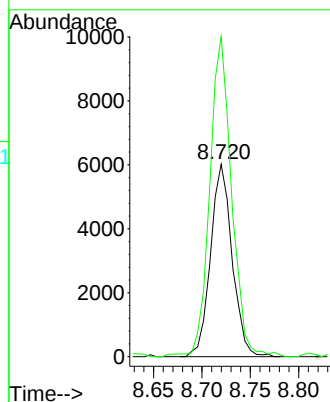
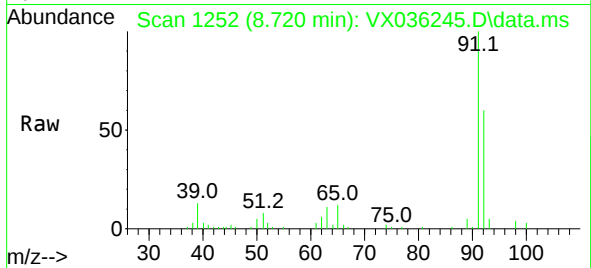




#52
Toluene
Concen: 1.807 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

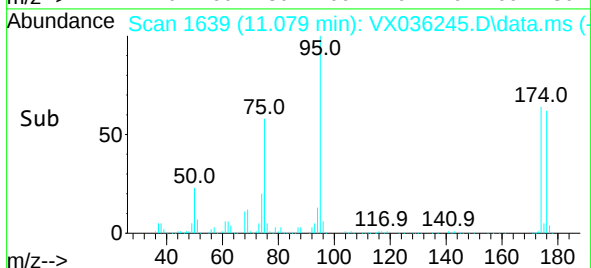
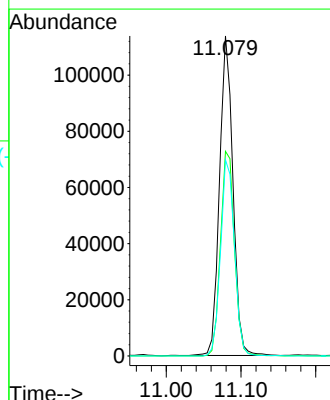
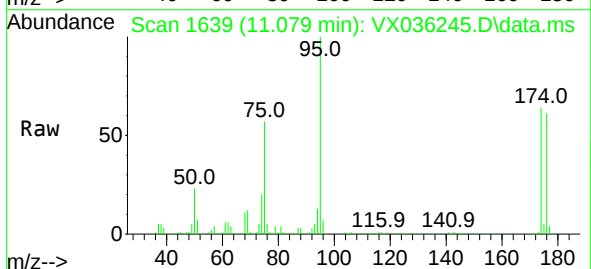
Instrument :
MSVOA_X
ClientSampleId :
MW-10

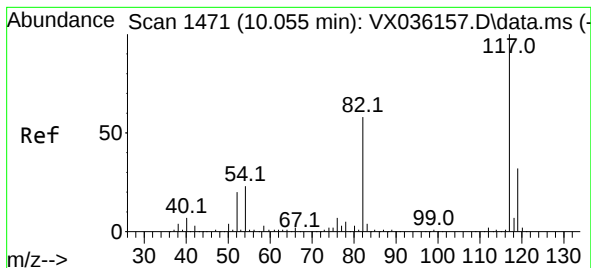
Tgt Ion: 92 Resp: 9345
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

Tgt Ion: 95 Resp: 142507
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.6
176 63.6 0.0 131.0

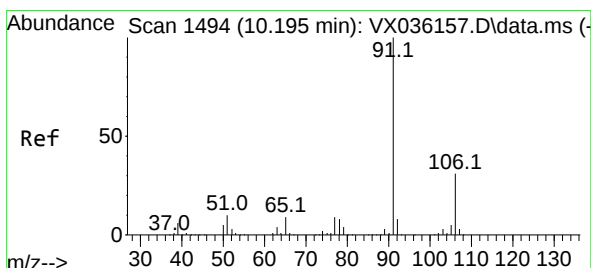
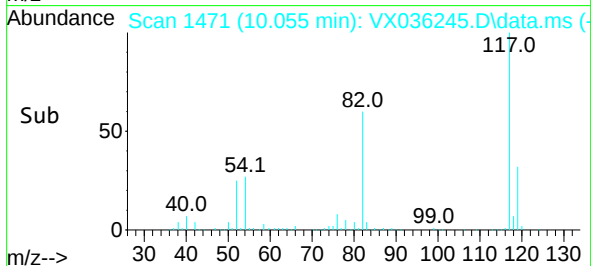
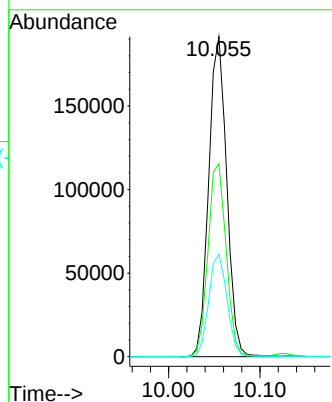
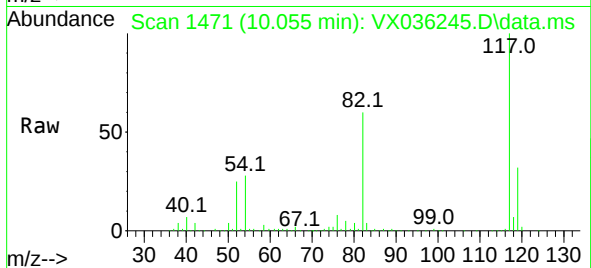




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

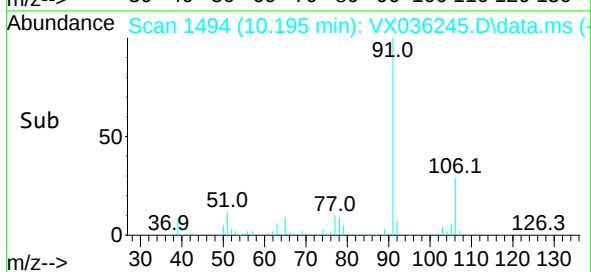
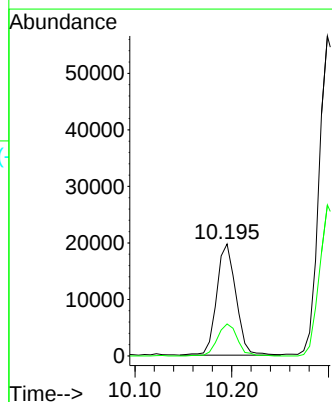
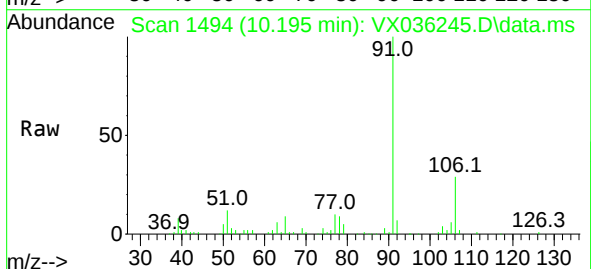
Instrument :
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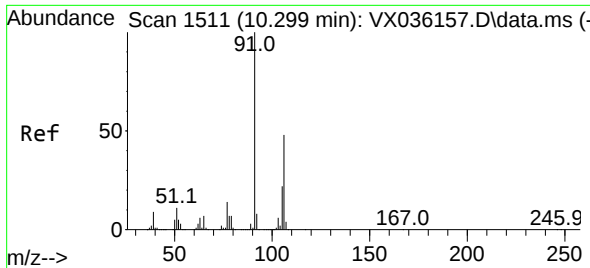
Tgt Ion:117 Resp: 261347
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 2.820 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

Tgt Ion: 91 Resp: 27271
Ion Ratio Lower Upper
91 100
106 28.8 24.9 37.3

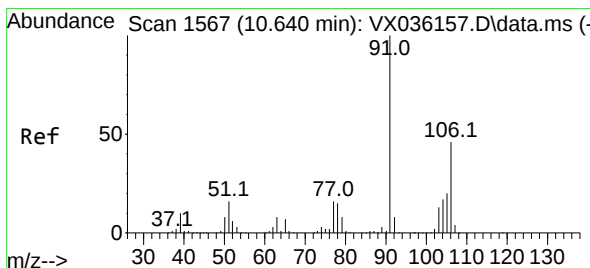
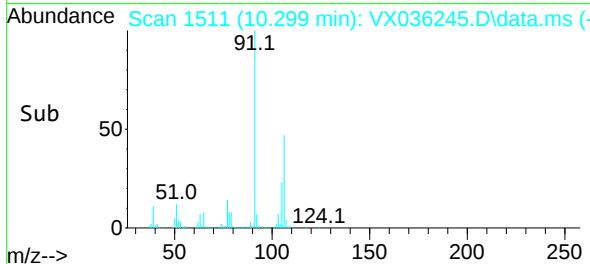
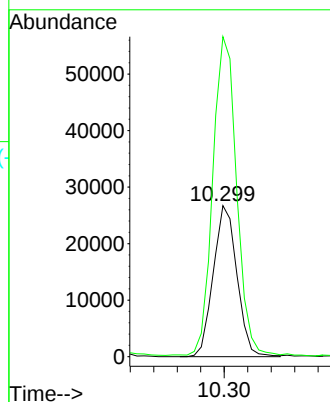
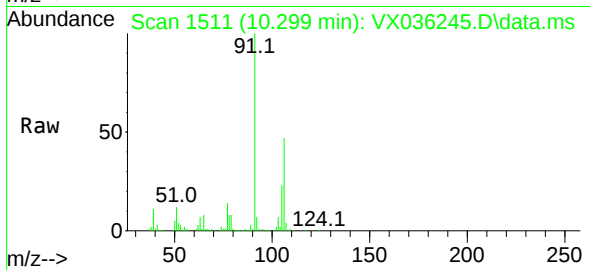




#68
m/p-Xylenes
Concen: 10.251 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

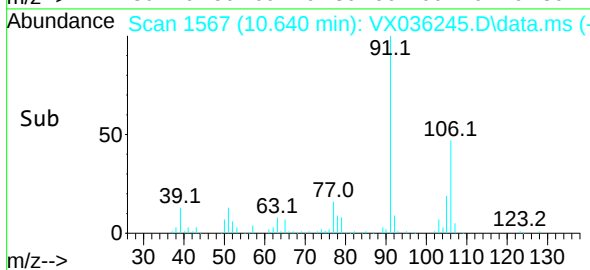
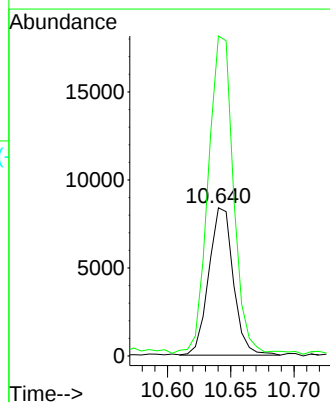
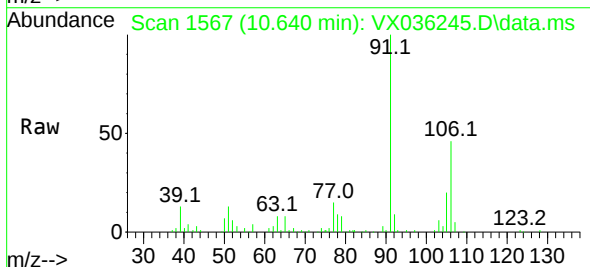
Instrument :
MSVOA_X
ClientSampleId :
MW-10

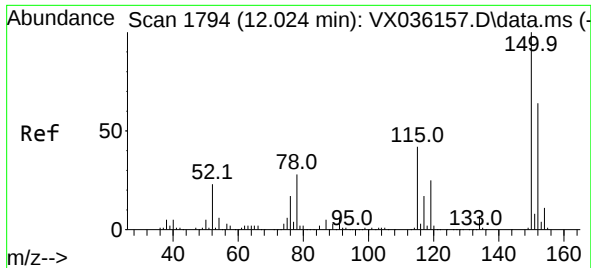
Tgt Ion:106 Resp: 37405
Ion Ratio Lower Upper
106 100
91 213.4 165.5 248.3



#69
o-Xylene
Concen: 3.135 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

Tgt Ion:106 Resp: 11285
Ion Ratio Lower Upper
106 100
91 223.7 108.9 326.8

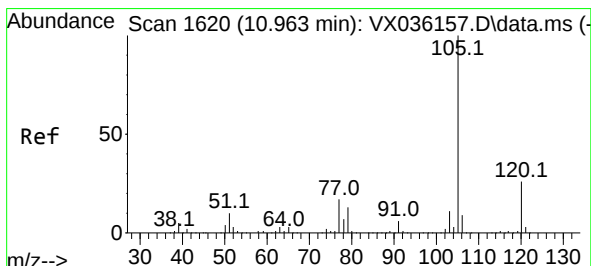
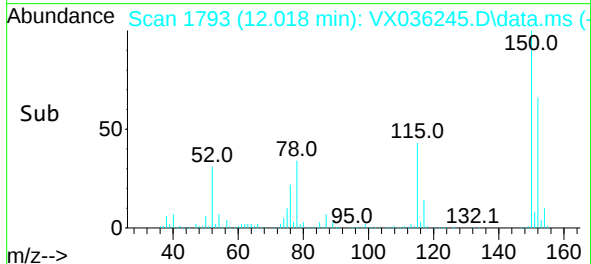
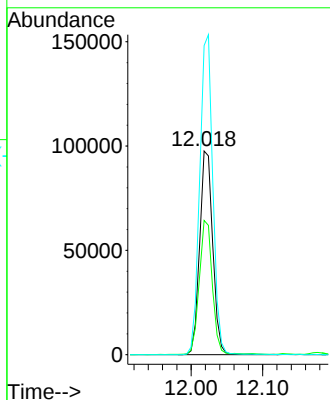
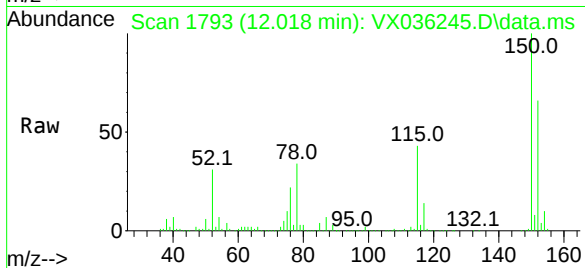




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

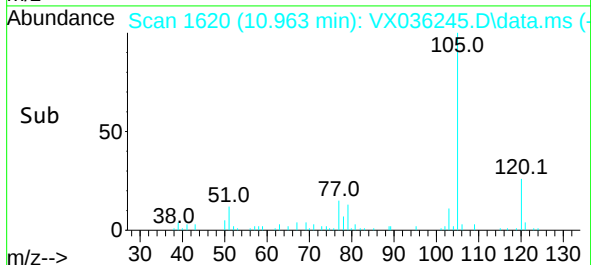
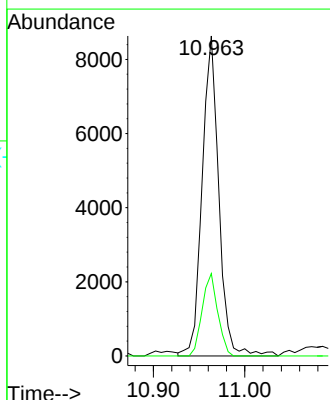
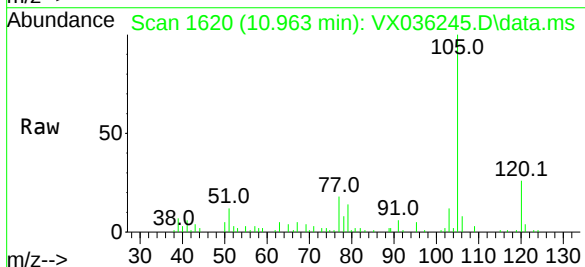
Instrument :
MSVOA_X
ClientSampleId :
MW-10

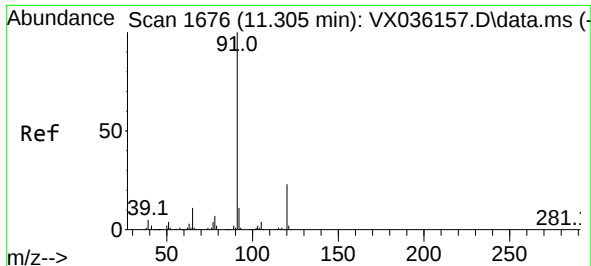
Tgt Ion:152 Resp: 124057
Ion Ratio Lower Upper
152 100
115 66.6 43.3 129.9
150 156.9 0.0 345.0



#73
Isopropylbenzene
Concen: 1.187 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

Tgt Ion:105 Resp: 10927
Ion Ratio Lower Upper
105 100
120 23.9 12.9 38.6

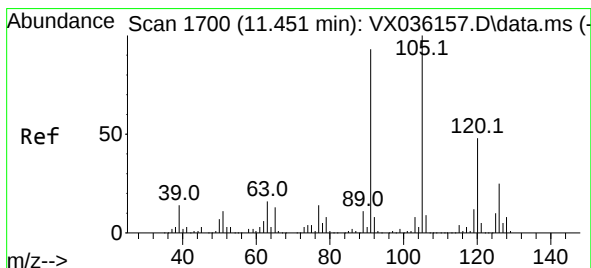
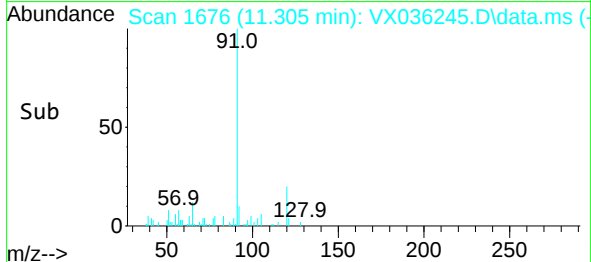
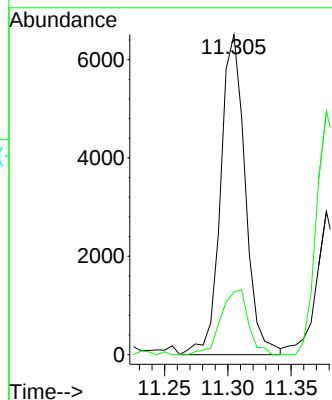
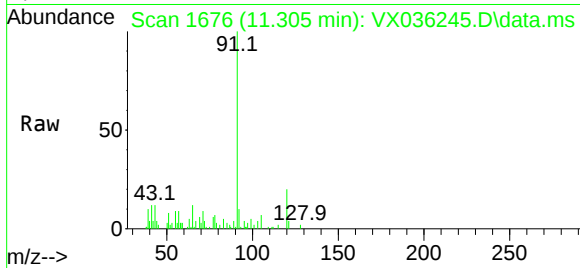




#78
n-propylbenzene
Concen: 0.813 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

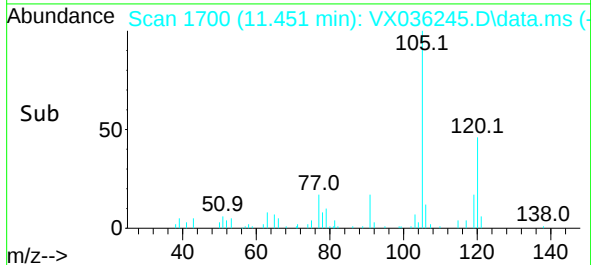
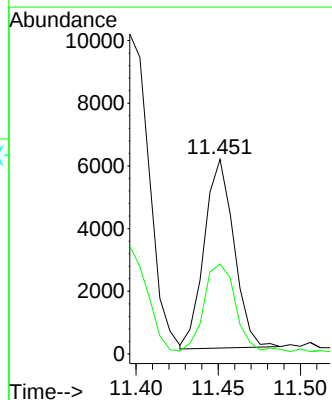
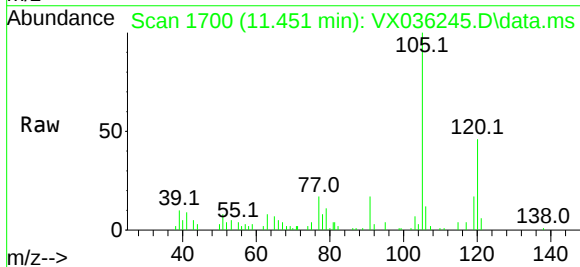
Instrument :
MSVOA_X
ClientSampleId :
MW-10

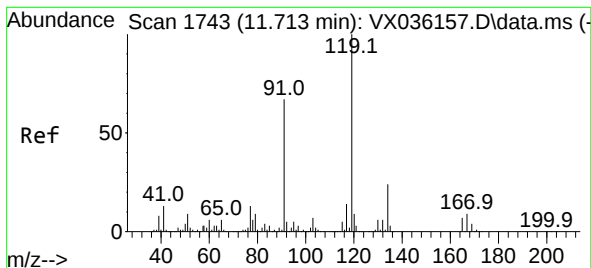
Tgt Ion: 91 Resp: 8801
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 0.966 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036245.D
Acq: 20 Jun 2023 16:04

Tgt Ion: 105 Resp: 7575
Ion Ratio Lower Upper
105 100
120 50.0 24.1 72.3





#83

tert-Butylbenzene

Concen: 0.361 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036245.D

Acq: 20 Jun 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-10

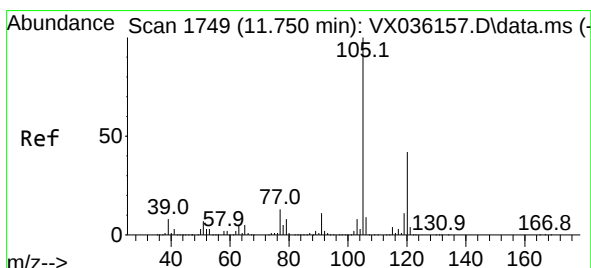
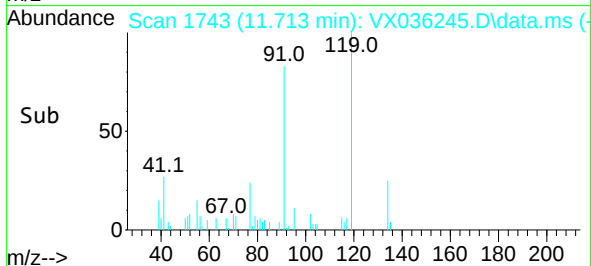
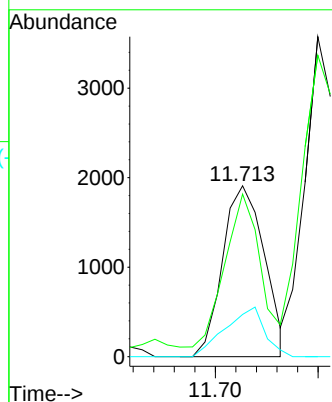
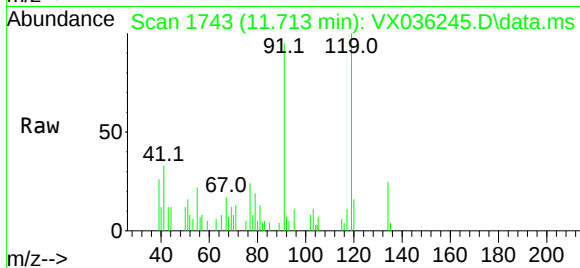
Tgt Ion:119 Resp: 2692

Ion Ratio Lower Upper

119 100

91 76.3 31.2 93.6

134 27.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 4.538 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036245.D

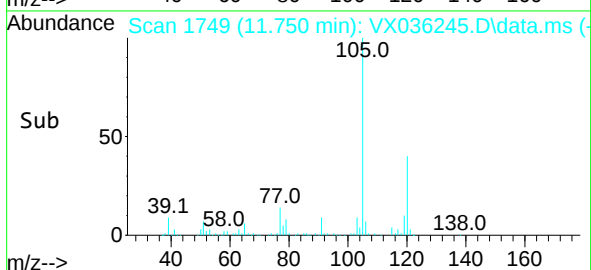
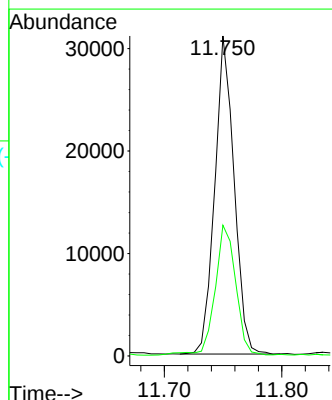
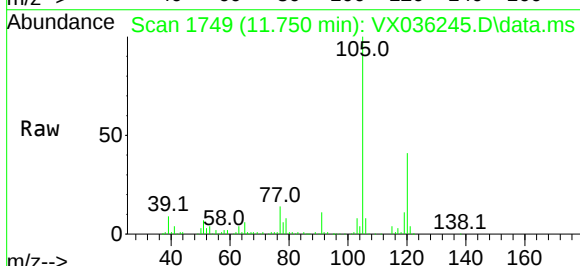
Acq: 20 Jun 2023 16:04

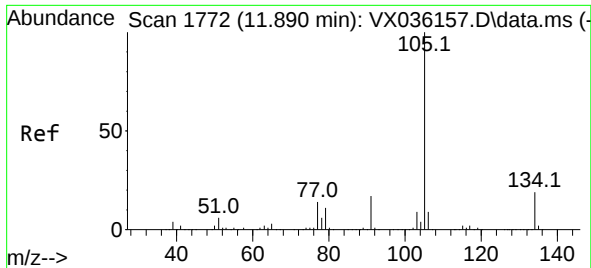
Tgt Ion:105 Resp: 35483

Ion Ratio Lower Upper

105 100

120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 1.245 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036245.D
 Acq: 20 Jun 2023 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Tgt Ion:105 Resp: 11555
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

