

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036238.D
 Acq On : 20 Jun 2023 13:20
 Operator : JC/MD
 Sample : 03291-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

Quant Time: Jun 21 02:00:51 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	101326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126315	68.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 136.440%#	
35) Dibromofluoromethane	5.385	113	78249	56.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.580%	
50) Toluene-d8	8.647	98	274690	54.501	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	11.079	95	128369	63.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 126.200%#	

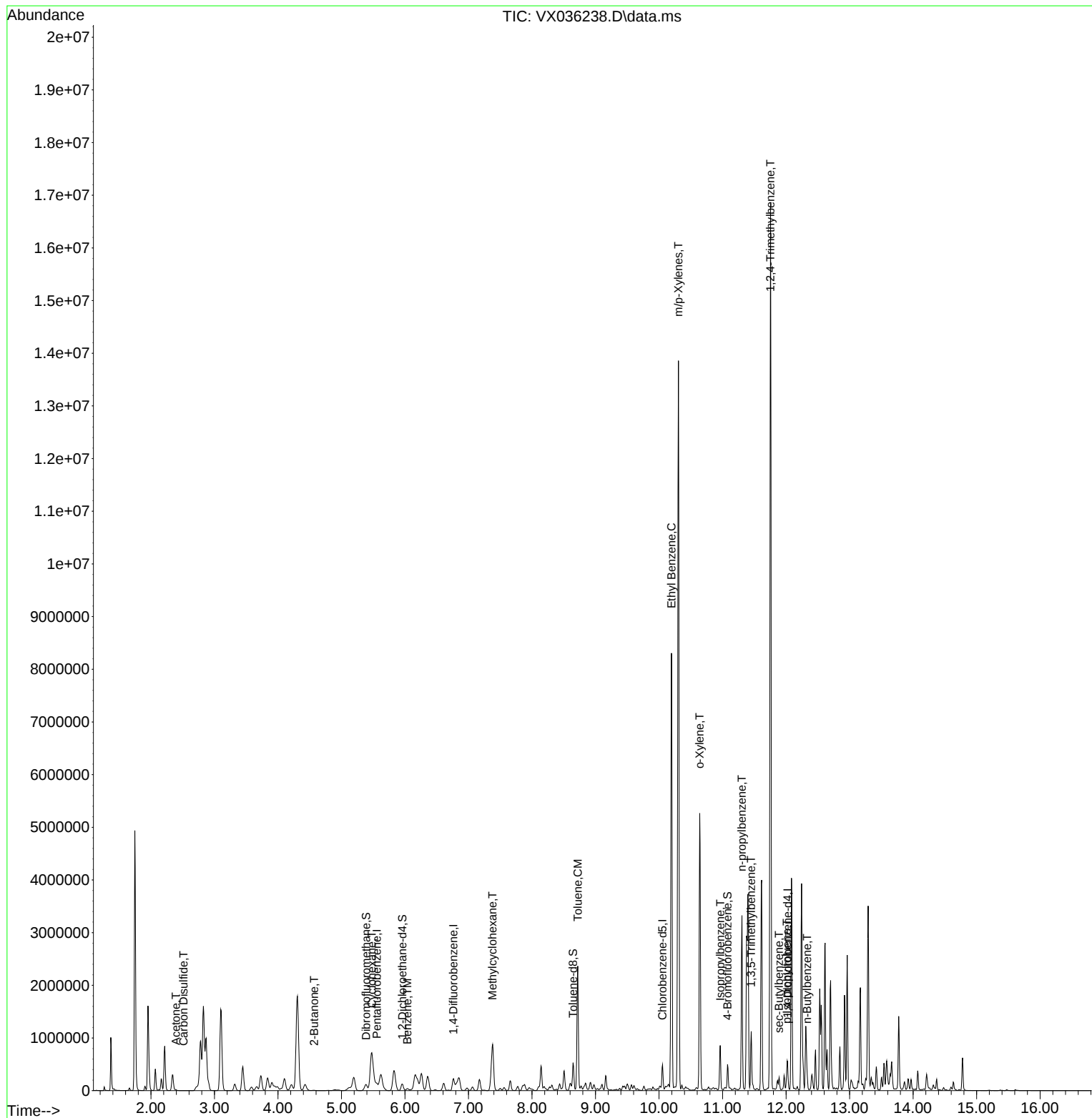
Target Compounds				Qvalue		
16) Acetone	2.392	43	19637m	25.526	ug/l	
17) Carbon Disulfide	2.514	76	1198	0.443	ug/l	# 82
25) 2-Butanone	4.568	43	11010	10.223	ug/l	100
31) Cyclohexane	5.477	56	504409	253.928	ug/l	98
39) Methylcyclohexane	7.379	83	353444	161.691	ug/l	93
40) Benzene	6.037	78	44922	7.870	ug/l	99
52) Toluene	8.720	92	844122	236.217	ug/l	100
67) Ethyl Benzene	10.195	91	4428151	605.810	ug/l	95
68) m/p-Xylenes	10.305	106	3111237	1128.175	ug/l	93
69) o-Xylene	10.640	106	1051003	386.279	ug/l	98
73) Isopropylbenzene	10.963	105	404089	59.380	ug/l	99
78) n-propylbenzene	11.305	91	1857011	231.966	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	442146	76.302	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	6593733	1140.808	ug/l	90
85) sec-Butylbenzene	11.890	105	107576m	15.683	ug/l	
86) p-Isopropyltoluene	12.012	119	62417m	10.816	ug/l	
89) n-Butylbenzene	12.329	91	78238m	15.191	ug/l	

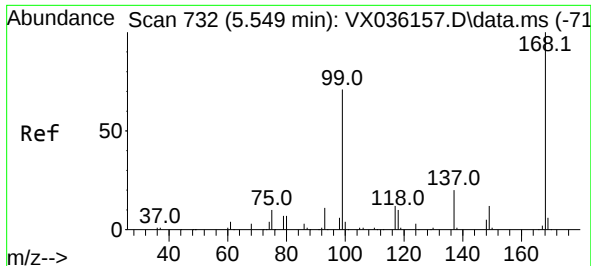
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
MW-5B

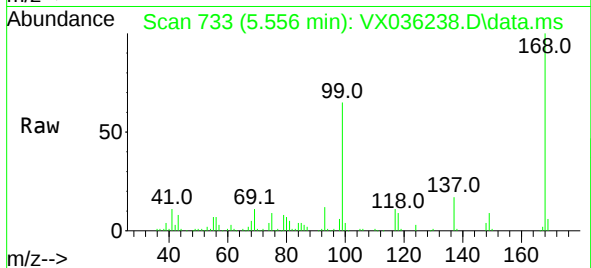
Quant Time: Jun 21 02:00:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration



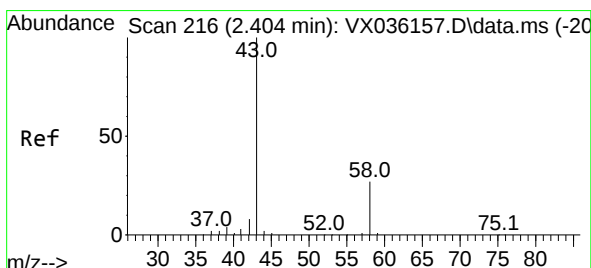
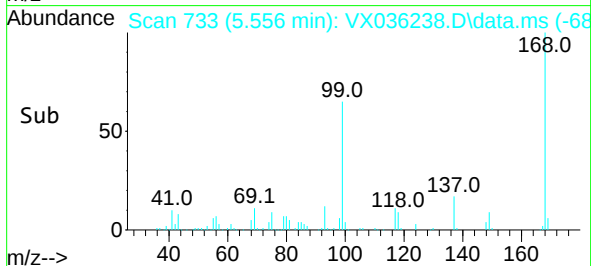
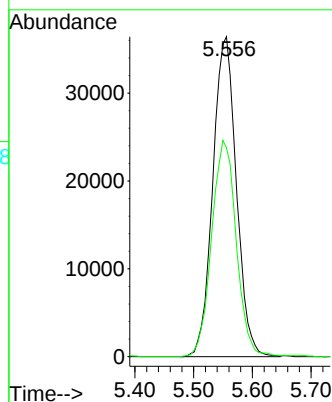


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Instrument :
MSVOA_X
ClientSampleId :
MW-5B

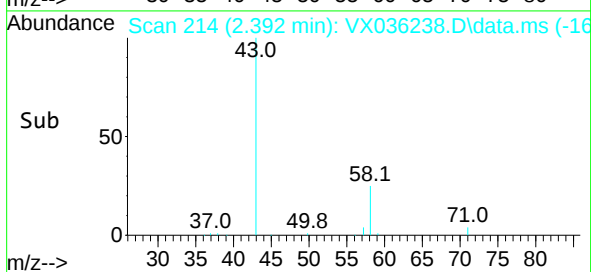
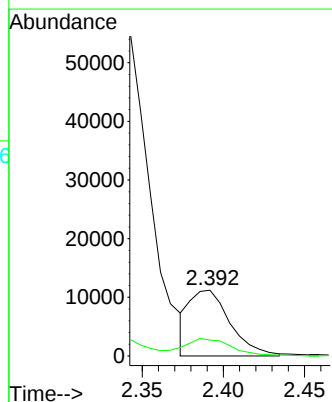
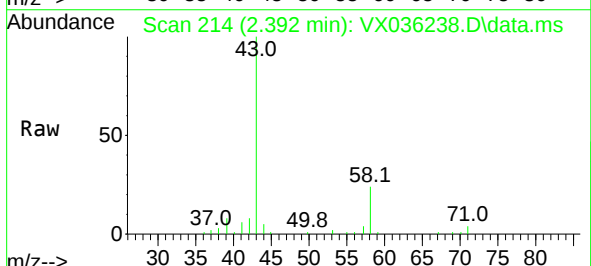


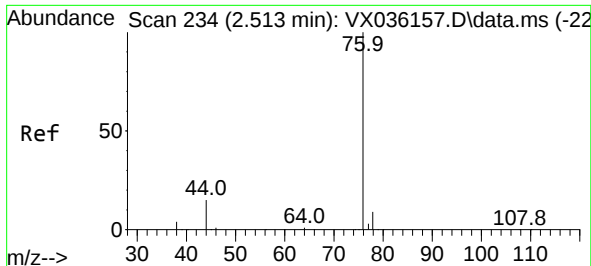
Tgt Ion:168 Resp: 101326
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#16
Acetone
Concen: 25.526 ug/l m
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 43 Resp: 19637
Ion Ratio Lower Upper
43 100
58 24.2 21.9 32.9

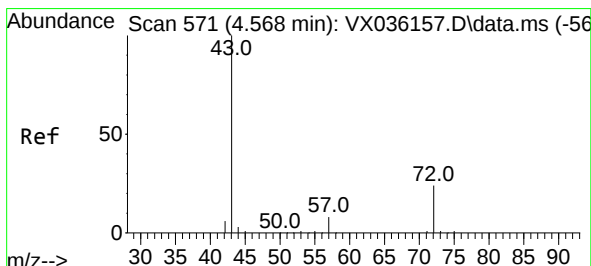
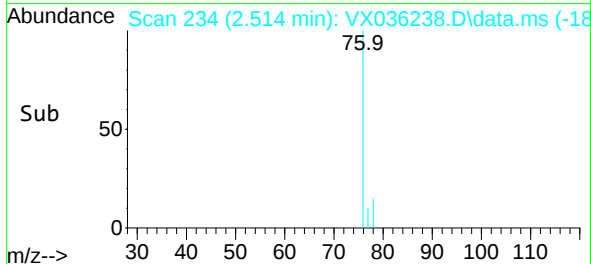
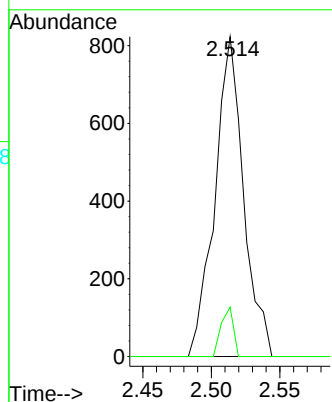
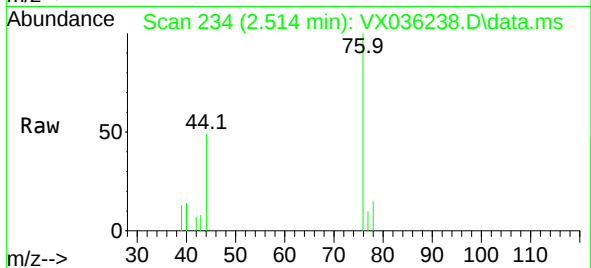




#17
Carbon Disulfide
Concen: 0.443 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

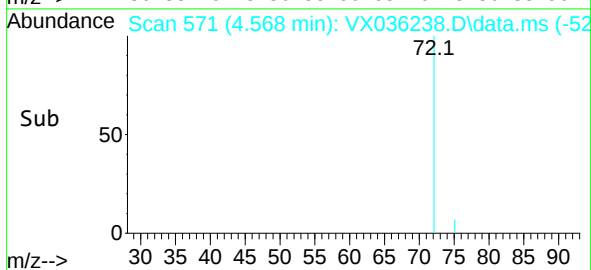
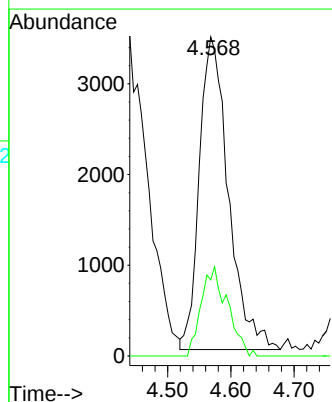
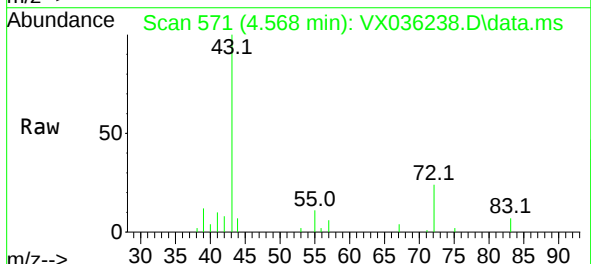
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MSVOA_X
ClientSampleId :
MW-5B

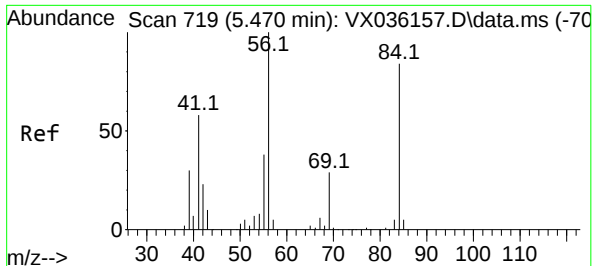
Tgt Ion: 76 Resp: 1198
Ion Ratio Lower Upper
76 100
78 15.4 7.0 10.6#



#25
2-Butanone
Concen: 10.223 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 43 Resp: 11010
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2

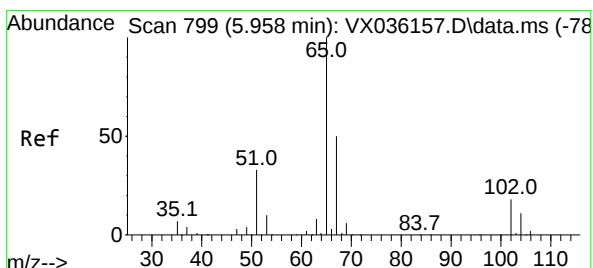
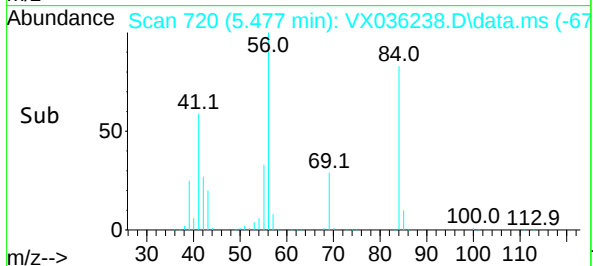
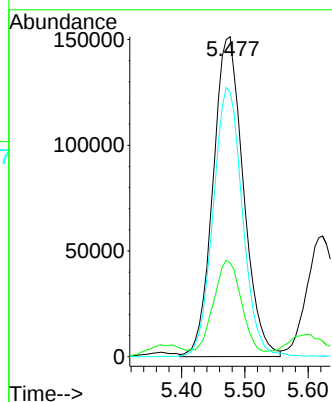
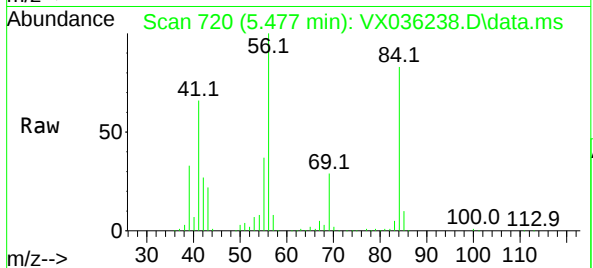




#31
Cyclohexane
Concen: 253.928 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

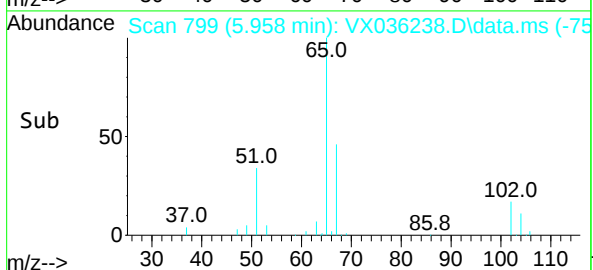
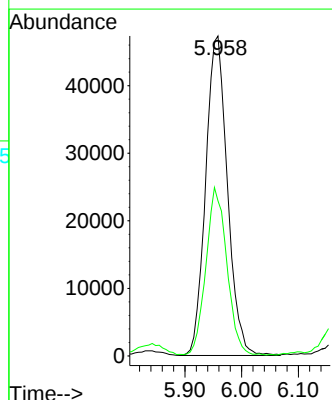
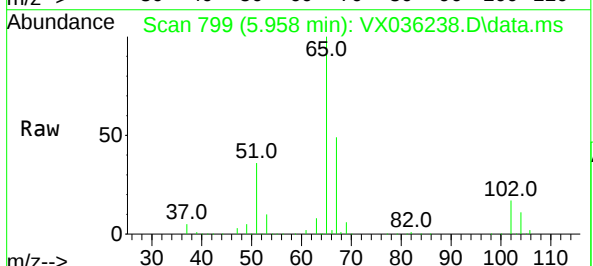
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

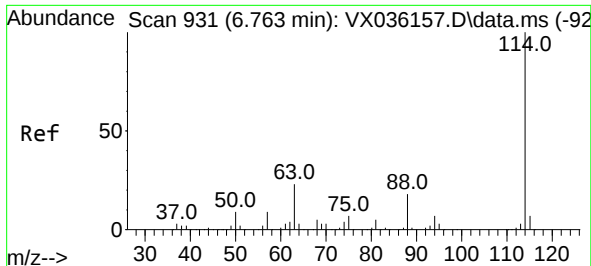
Tgt Ion: 56 Resp: 504409
Ion Ratio Lower Upper
56 100
69 26.8 23.4 35.2
84 83.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 68.217 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 65 Resp: 126315
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

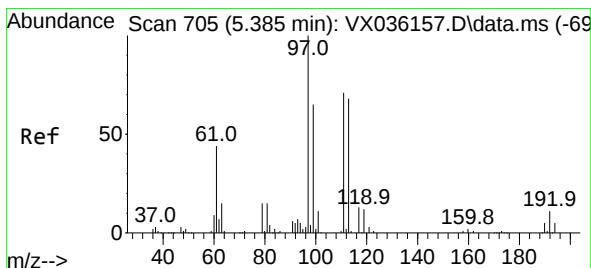
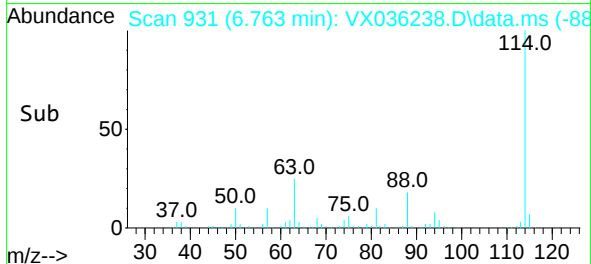
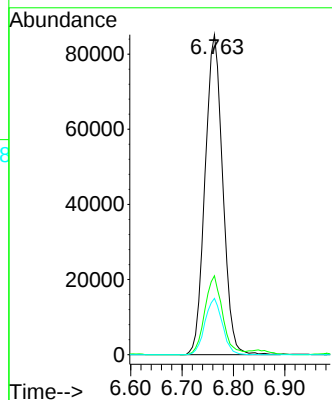
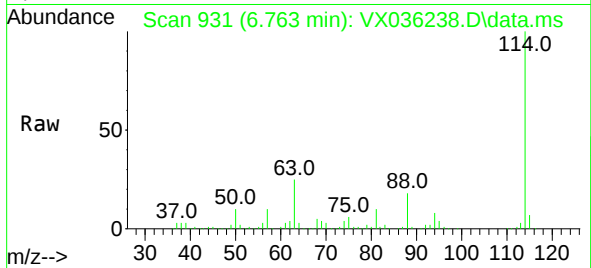




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

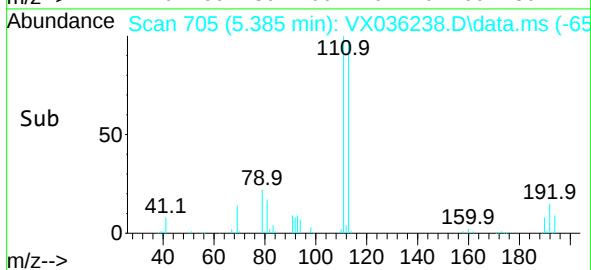
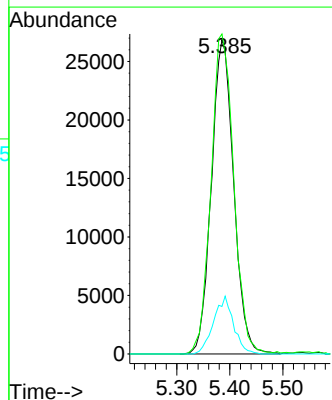
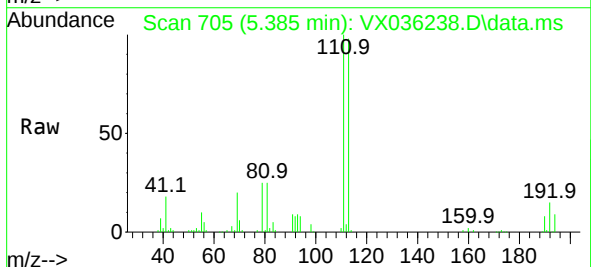
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

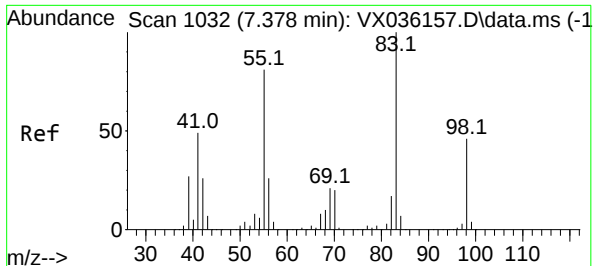
Tgt Ion:114 Resp: 203189
Ion Ratio Lower Upper
114 100
63 24.6 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 56.790 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion:113 Resp: 78249
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.5 13.3 19.9





#39

Methylcyclohexane

Concen: 161.691 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

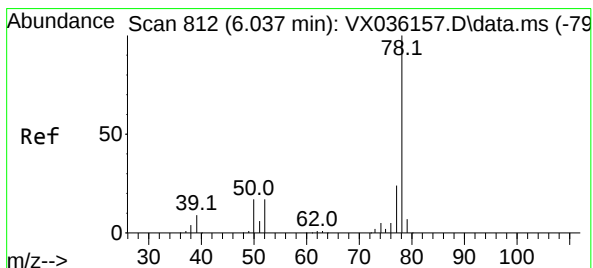
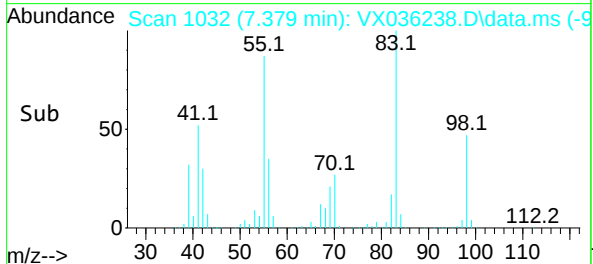
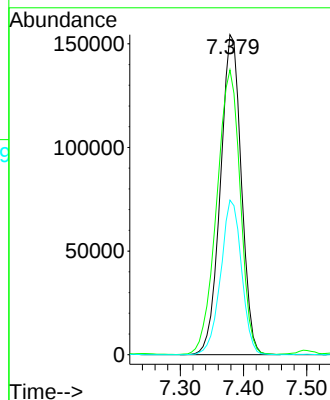
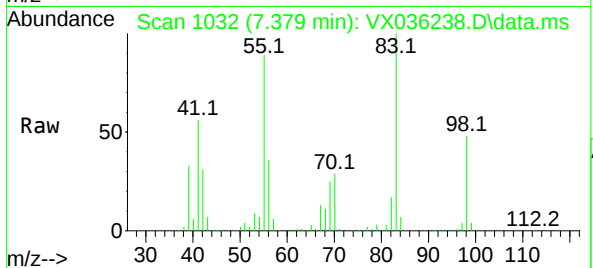
MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion: 83 Resp: 353444

Ion	Ratio	Lower	Upper
83	100		
55	88.9	64.6	97.0
98	48.3	36.7	55.1



#40

Benzene

Concen: 7.870 ug/l

RT: 6.037 min Scan# 812

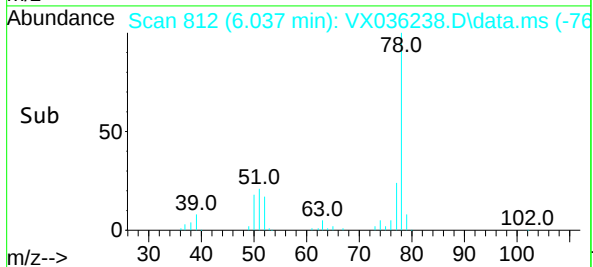
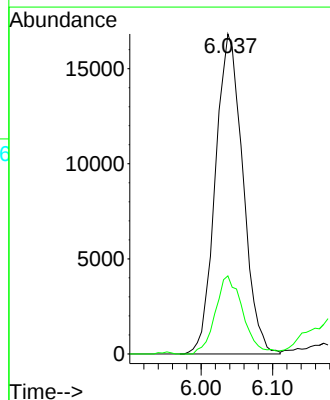
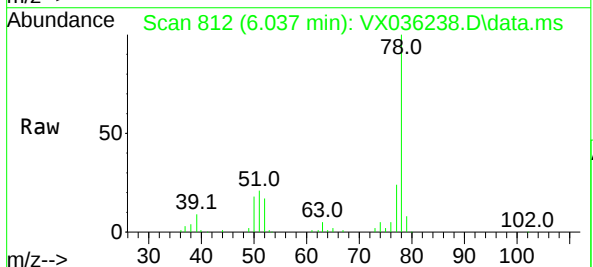
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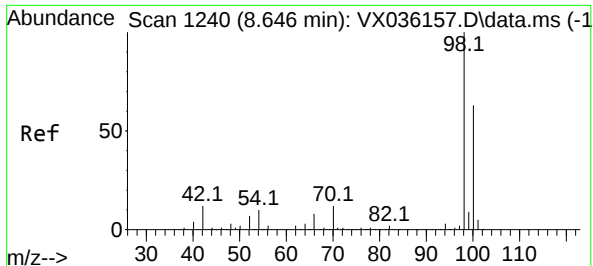
Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Tgt Ion: 78 Resp: 44922

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

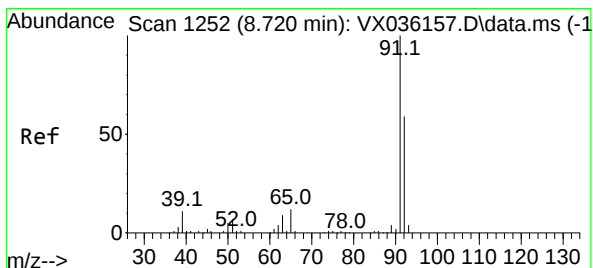
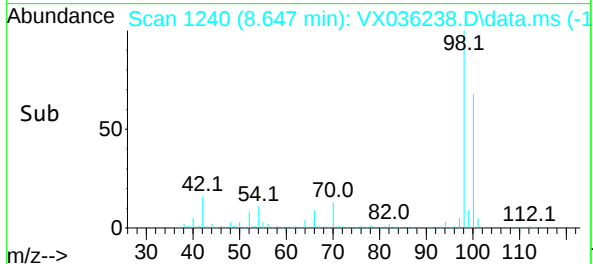
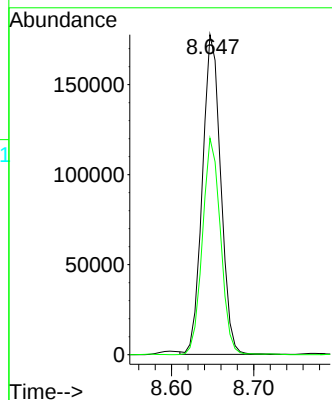
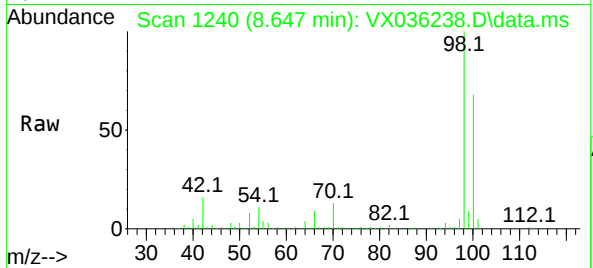




#50
Toluene-d8
Concen: 54.501 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

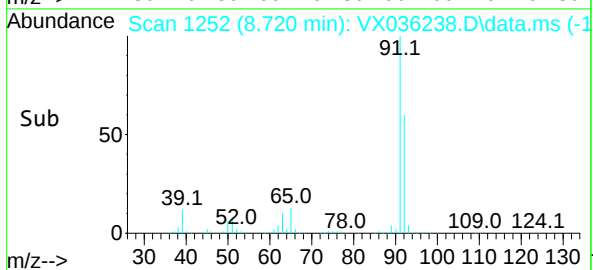
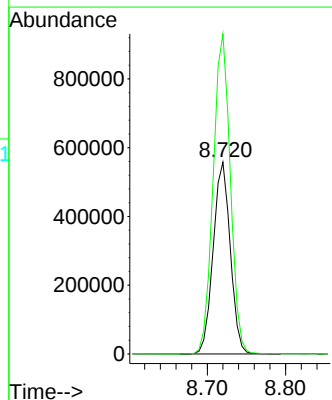
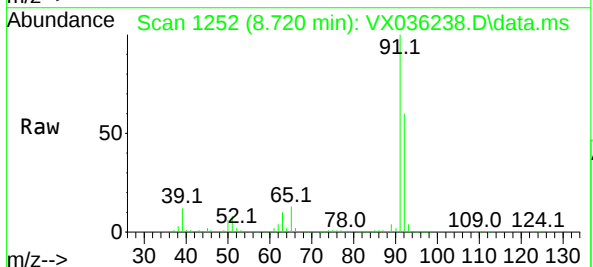
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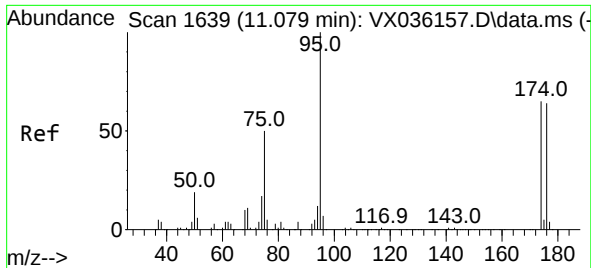
Tgt Ion: 98 Resp: 274690
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#52
Toluene
Concen: 236.217 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 92 Resp: 844122
Ion Ratio Lower Upper
92 100
91 167.9 134.2 201.2

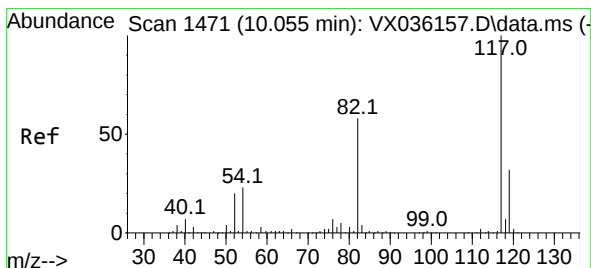
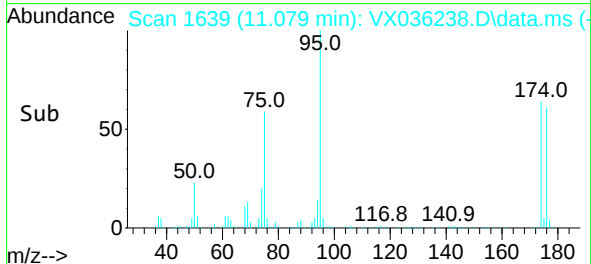
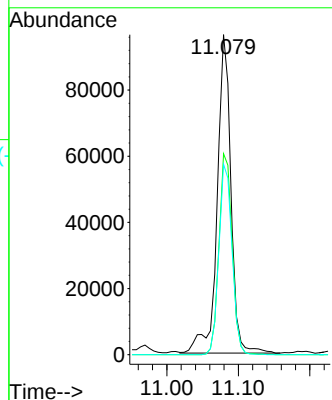
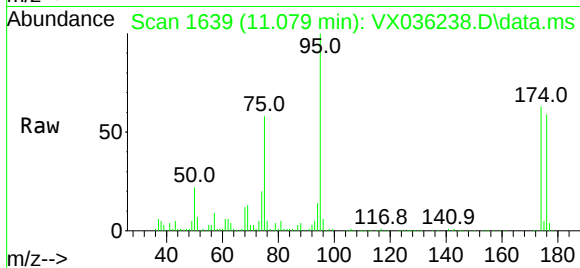




#62
4-Bromofluorobenzene
Concen: 63.097 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

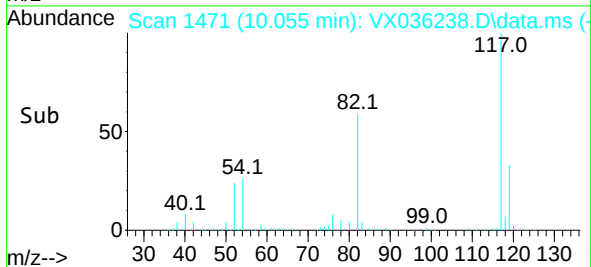
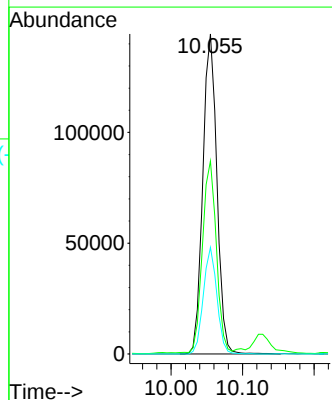
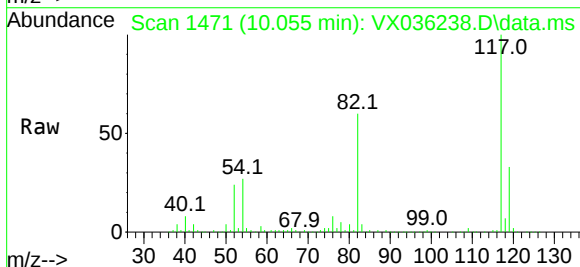
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

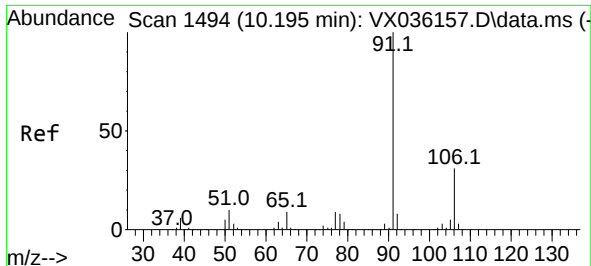
Tgt Ion: 95 Resp: 128369
Ion Ratio Lower Upper
95 100
174 60.4 0.0 135.6
176 57.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 117 Resp: 197513
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 33.3 25.5 38.3

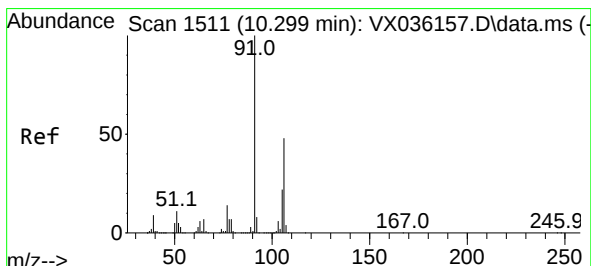
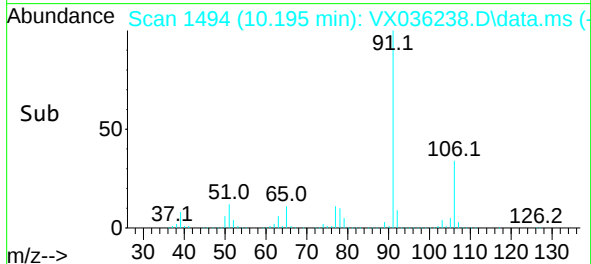
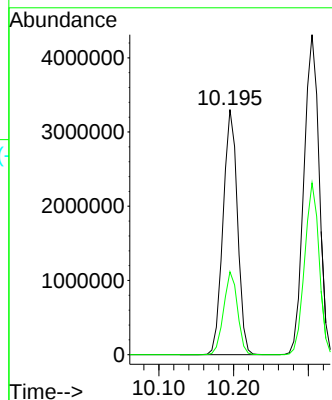
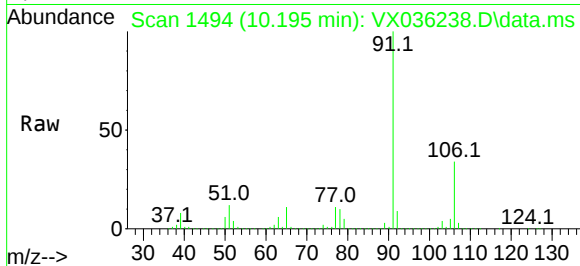




#67
Ethyl Benzene
Concen: 605.810 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

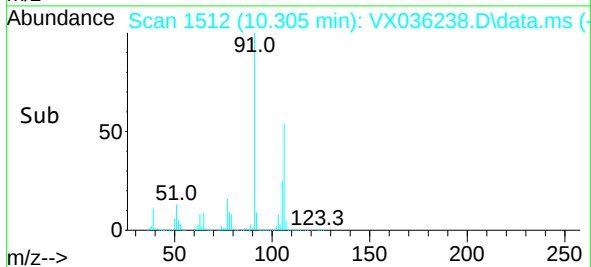
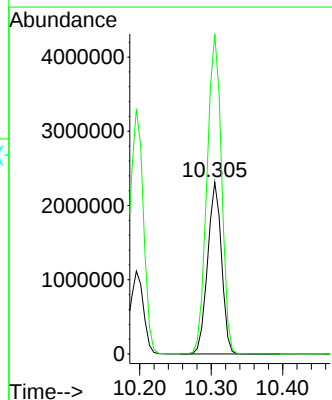
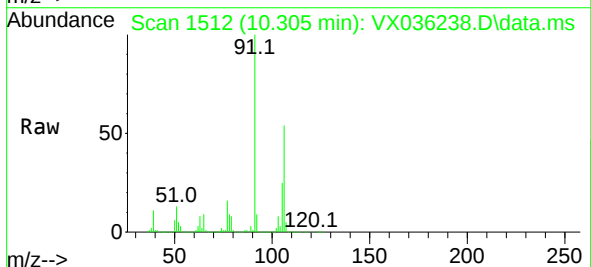
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

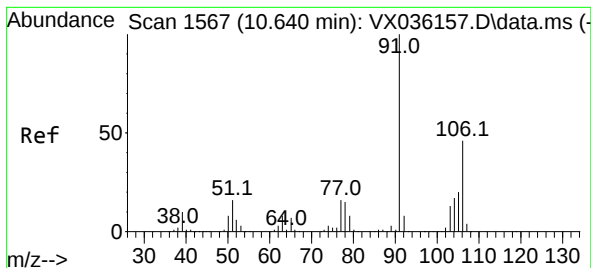
Tgt Ion: 91 Resp: 4428151
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3



#68
m/p-Xylenes
Concen: 1128.175 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036238.D
Acq: 20 Jun 2023 13:20

Tgt Ion: 106 Resp: 3111237
Ion Ratio Lower Upper
106 100
91 195.7 165.5 248.3





#69

o-Xylene

Concen: 386.279 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

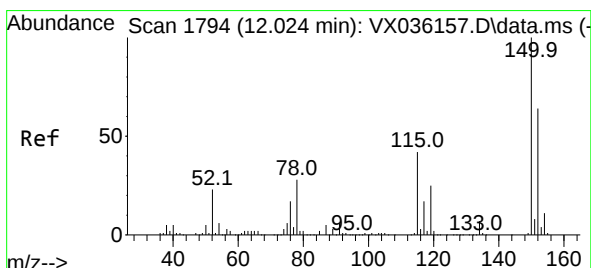
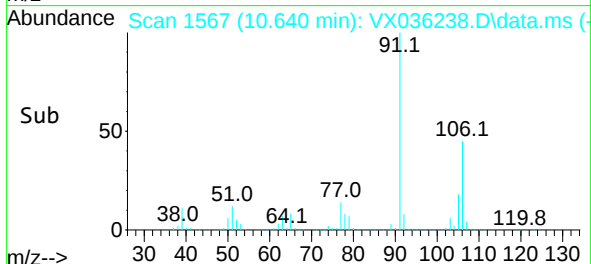
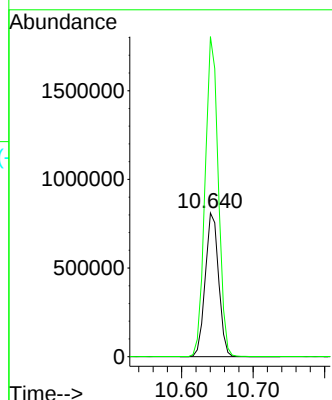
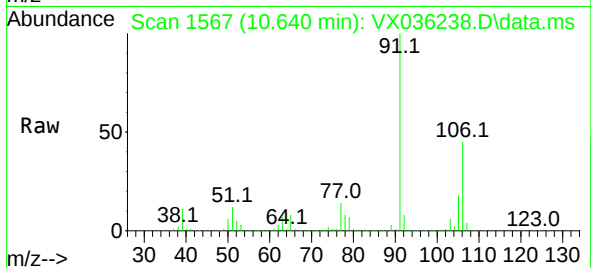
MW-5B

Tgt Ion:106 Resp: 1051003

Ion Ratio Lower Upper

106 100

91 220.4 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

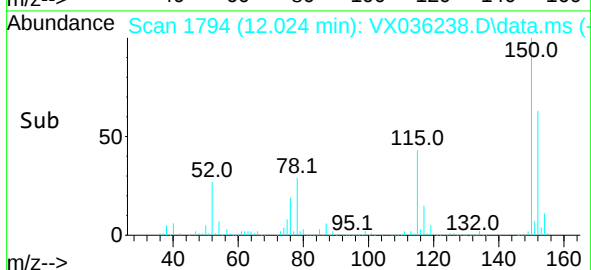
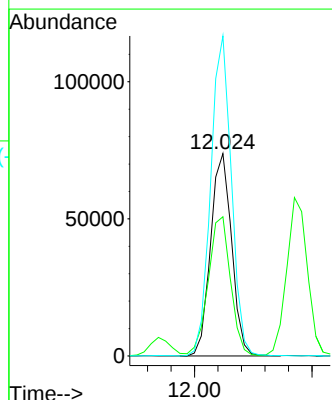
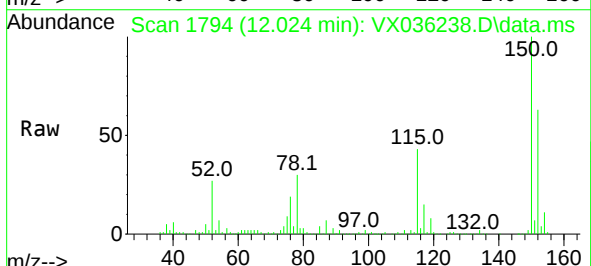
Tgt Ion:152 Resp: 91711

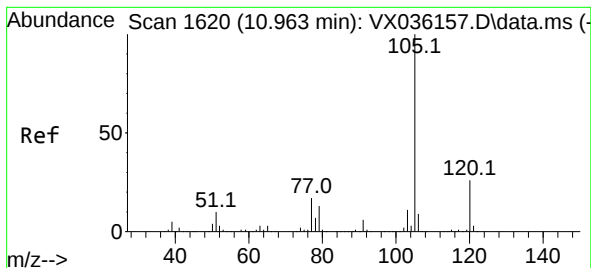
Ion Ratio Lower Upper

152 100

115 72.0 43.3 129.9

150 155.2 0.0 345.0





#73

Isopropylbenzene

Concen: 59.380 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

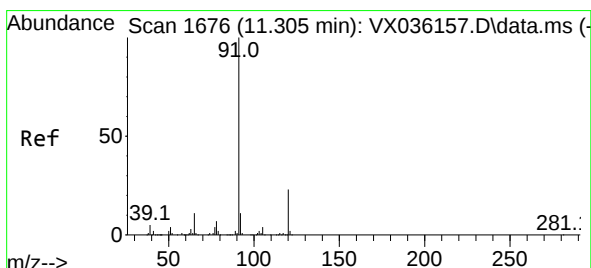
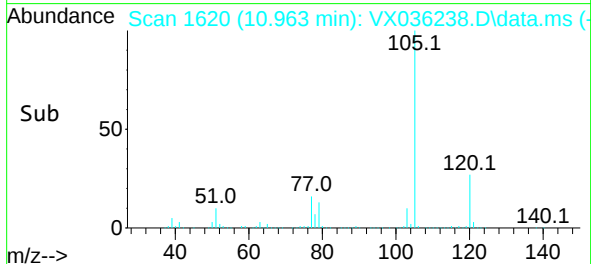
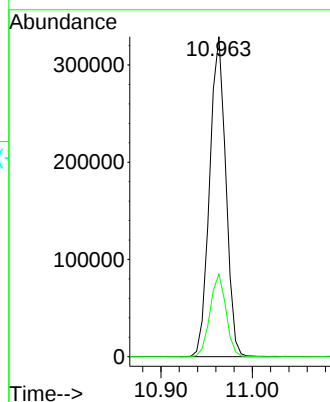
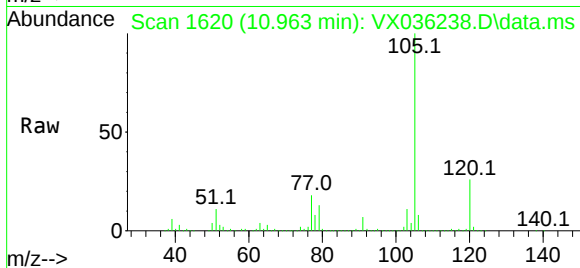
MW-5B

Tgt Ion:105 Resp: 404089

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6



#78

n-propylbenzene

Concen: 231.966 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036238.D

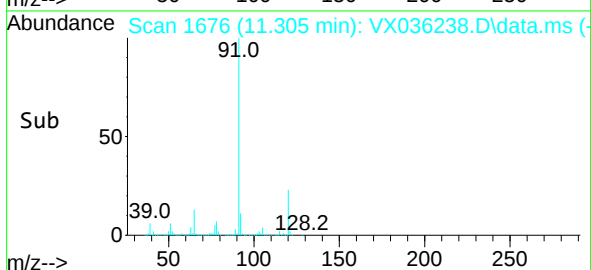
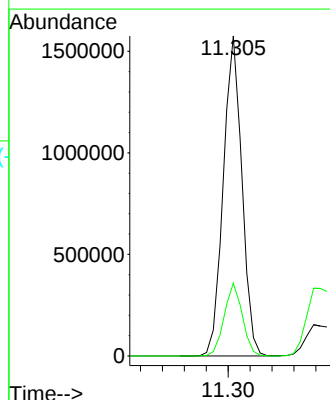
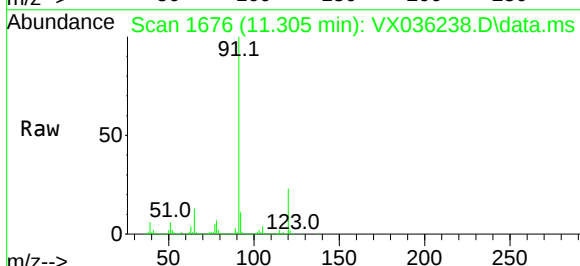
Acq: 20 Jun 2023 13:20

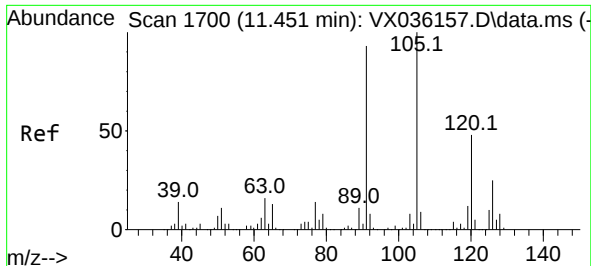
Tgt Ion: 91 Resp: 1857011

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

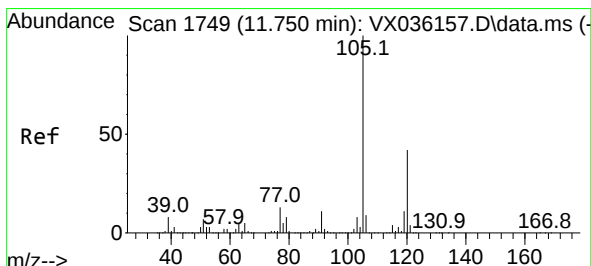
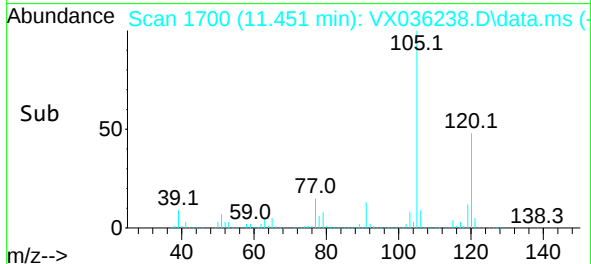
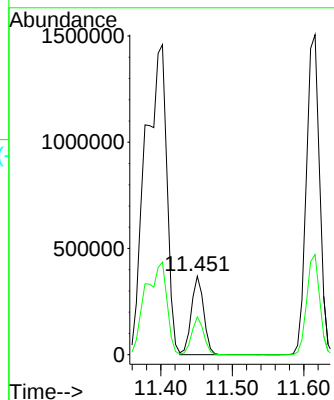
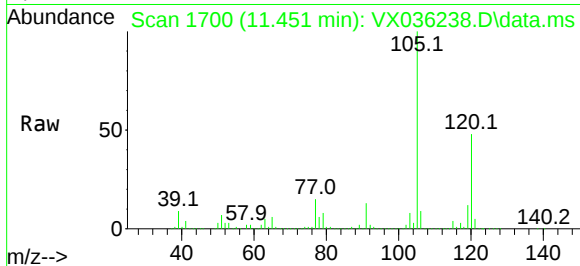




#80
 1,3,5-Trimethylbenzene
 Concen: 76.302 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

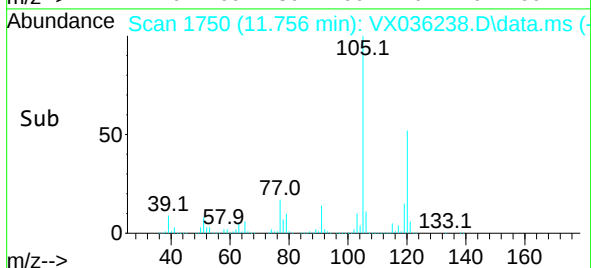
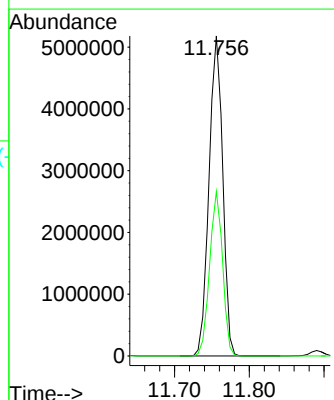
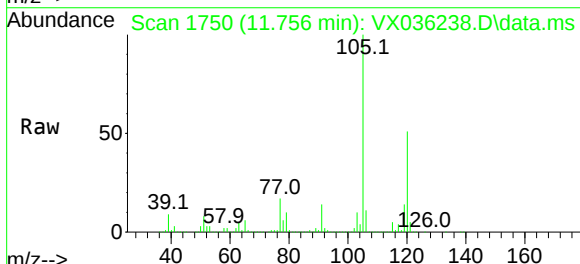
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

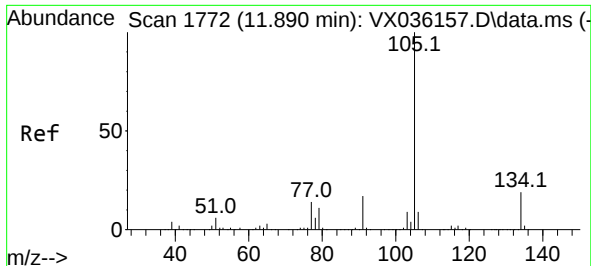
Tgt Ion:105 Resp: 442146
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1140.808 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

Tgt Ion:105 Resp: 6593733
 Ion Ratio Lower Upper
 105 100
 120 48.7 21.2 63.6

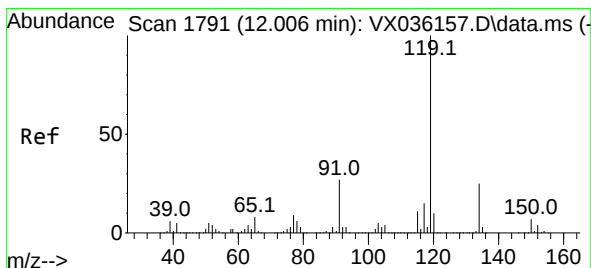
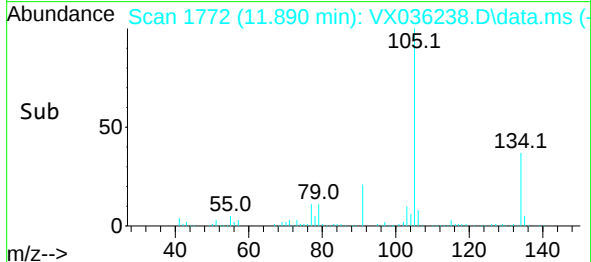
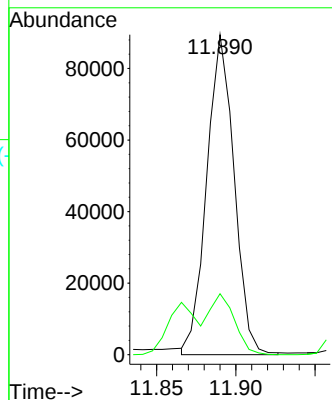
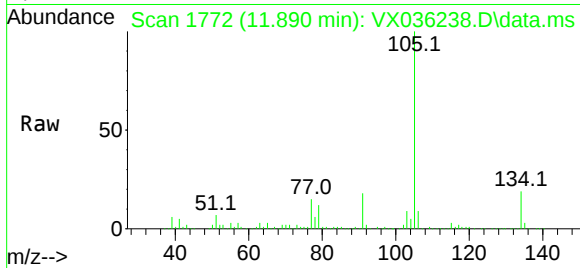




#85
 sec-Butylbenzene
 Concen: 15.683 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

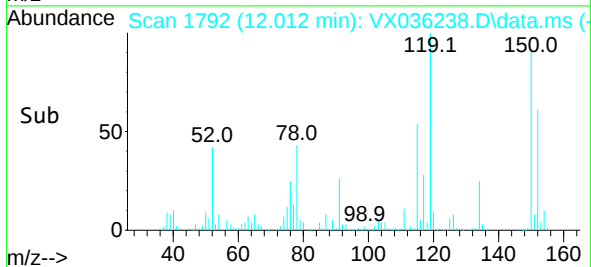
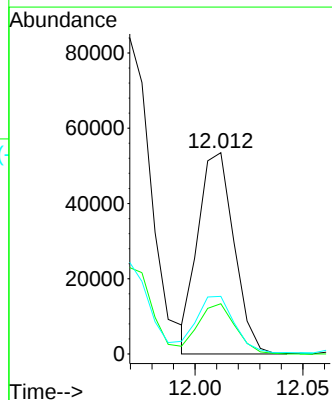
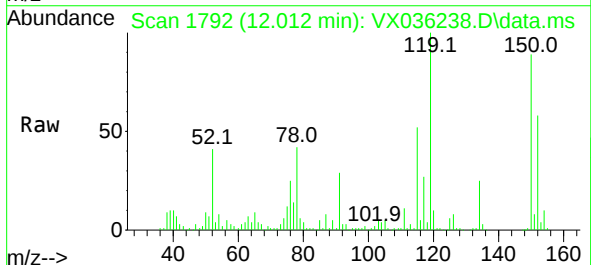
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

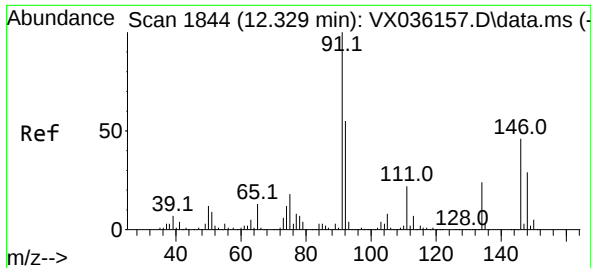
Tgt Ion:105 Resp: 107576
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 10.816 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036238.D
 Acq: 20 Jun 2023 13:20

Tgt Ion:119 Resp: 62417
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 13.1 39.3#





#89

n-Butylbenzene

Concen: 15.191 ug/l m

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036238.D

Acq: 20 Jun 2023 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

Tgt Ion: 91 Resp: 78238

Ion Ratio Lower Upper

91 100

92 0.0 27.4 82.0#

134 0.0 12.6 37.8#

