

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036863.D
 Acq On : 08 Aug 2023 14:51
 Operator : JC/MD
 Sample : 03903-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03W

Quant Time: Aug 09 04:14:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

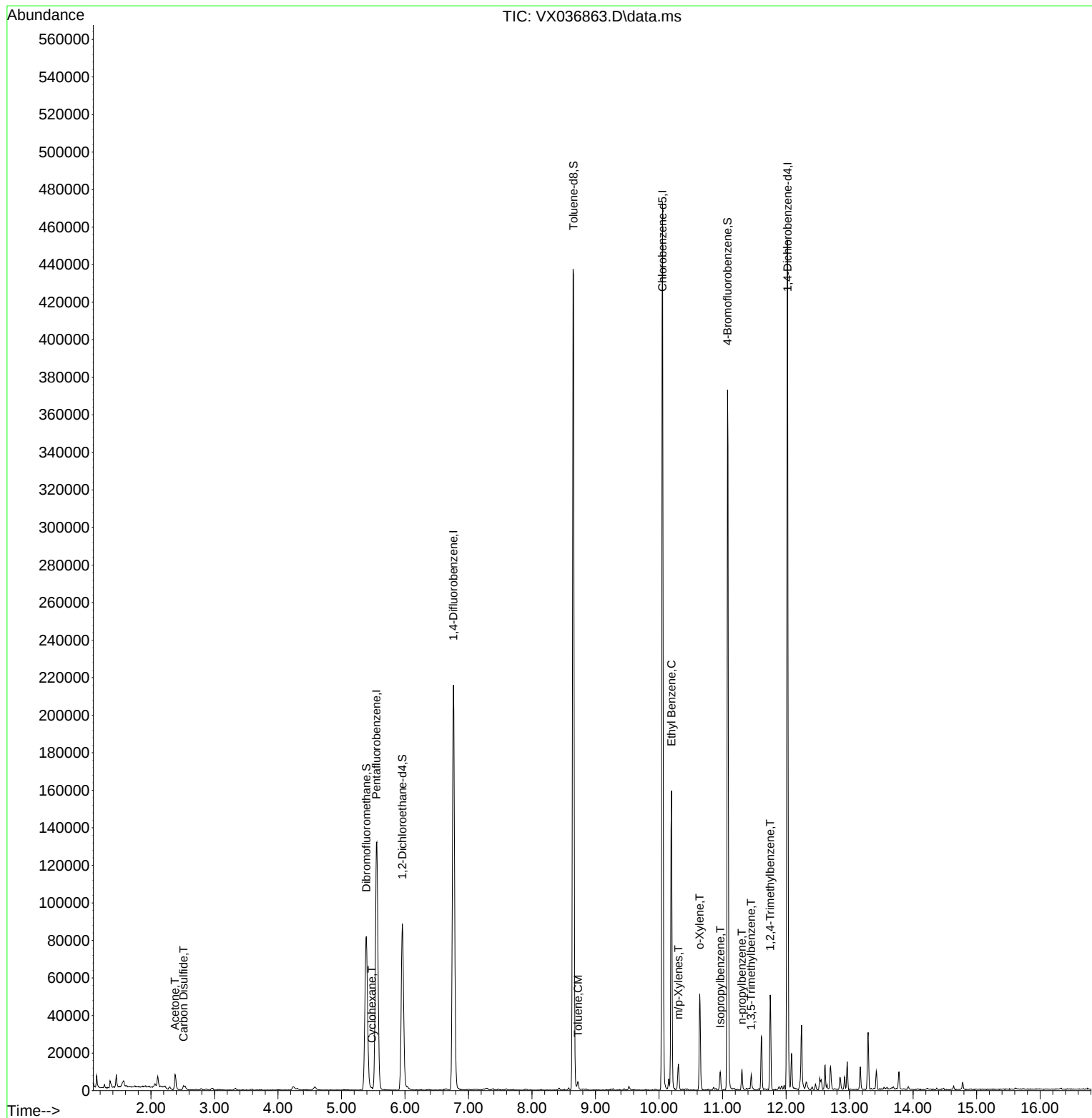
Internal Standards						
1) Pentafluorobenzene	5.550	168	123070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86310	47.397	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.800%
35) Dibromofluoromethane	5.391	113	72597	46.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.400%
50) Toluene-d8	8.653	98	269349	48.860	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.079	95	103561	49.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.580%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	8679	11.486	ug/l #	87
17) Carbon Disulfide	2.513	76	2515	0.661	ug/l	98
31) Cyclohexane	5.476	56	571	0.226	ug/l #	89
52) Toluene	8.726	92	1382	0.327	ug/l	91
67) Ethyl Benzene	10.195	91	93384	11.084	ug/l	98
68) m/p-Xylenes	10.305	106	3436	1.093	ug/l	98
69) o-Xylene	10.640	106	11374	3.625	ug/l	100
73) Isopropylbenzene	10.963	105	5358	0.682	ug/l	98
78) n-propylbenzene	11.305	91	6838	0.752	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3612	0.549	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	22315	3.393	ug/l	95

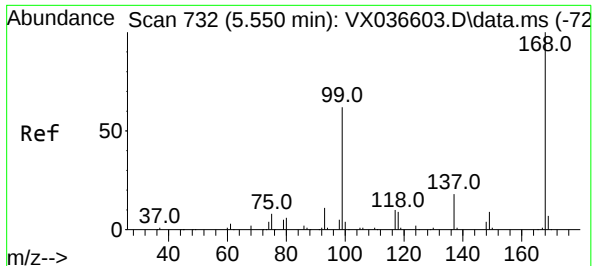
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

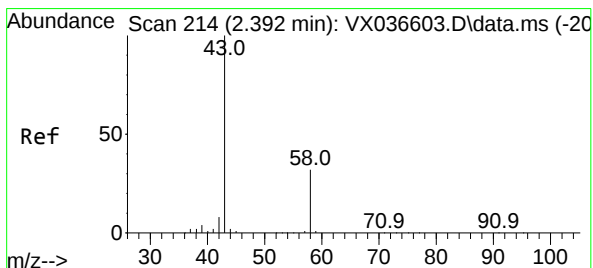
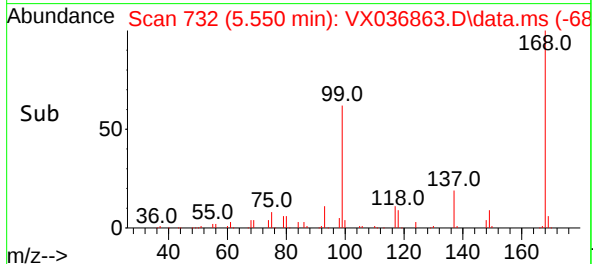
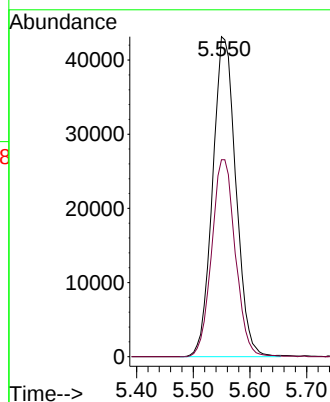
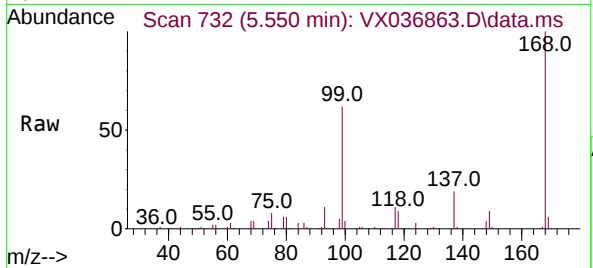




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

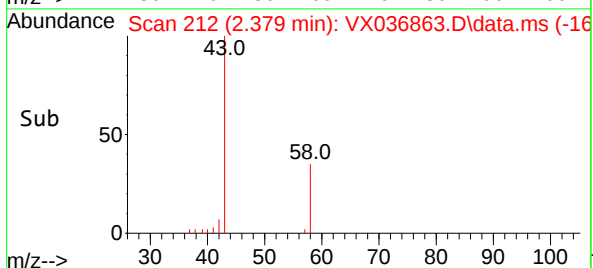
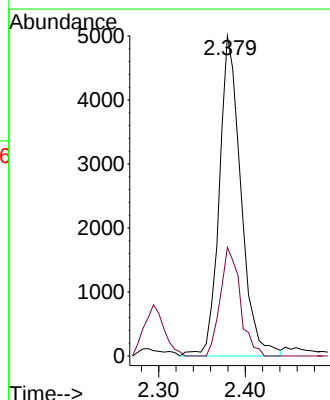
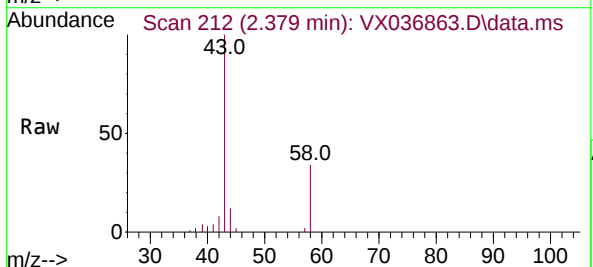
Instrument :
MSVOA_X
ClientSampleId :
MW-03W

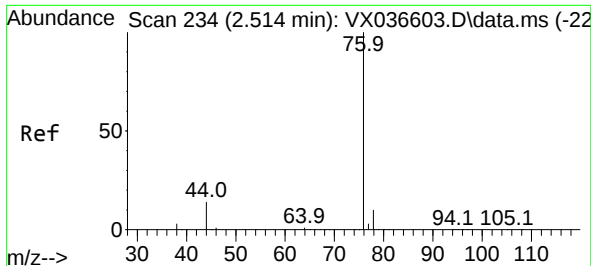
Tgt Ion:168 Resp: 123070
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#16
Acetone
Concen: 11.486 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

Tgt Ion: 43 Resp: 8679
Ion Ratio Lower Upper
43 100
58 33.9 21.9 32.9#

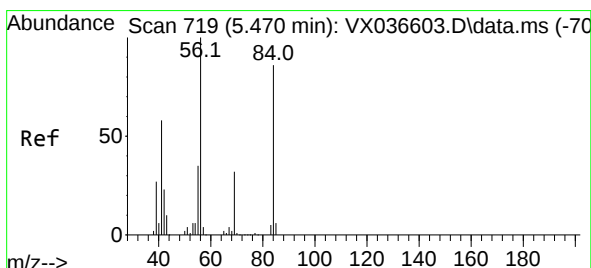
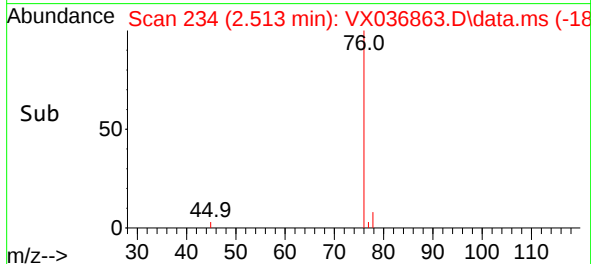
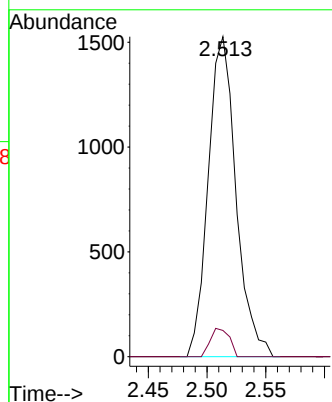
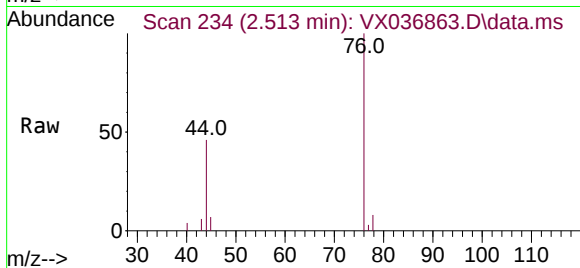




#17
Carbon Disulfide
Concen: 0.661 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

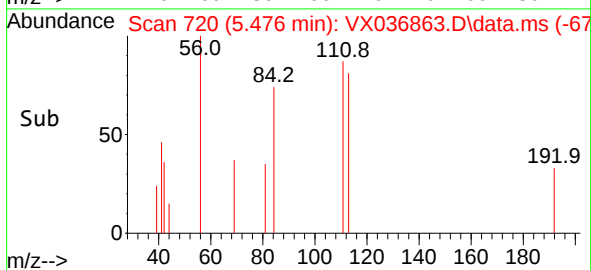
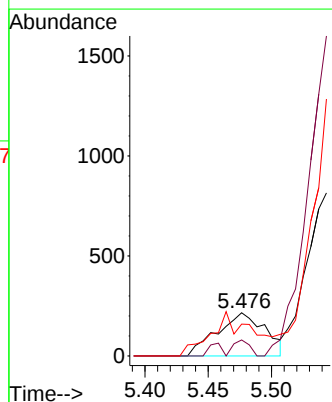
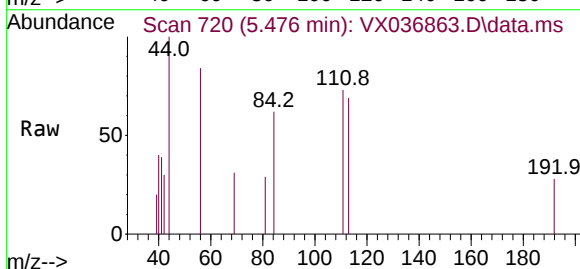
Instrument :
MSVOA_X
ClientSampleId :
MW-03W

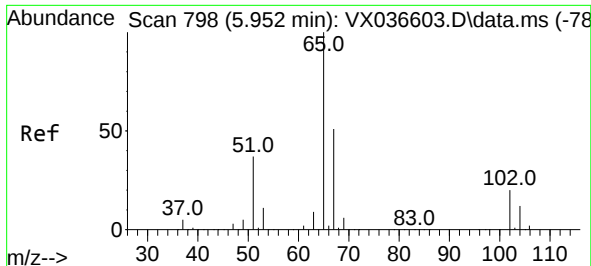
Tgt Ion: 76 Resp: 2515
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6



#31
Cyclohexane
Concen: 0.226 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

Tgt Ion: 56 Resp: 571
Ion Ratio Lower Upper
56 100
69 37.0 23.4 35.2#
84 73.6 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 47.397 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036863.D

Acq: 08 Aug 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

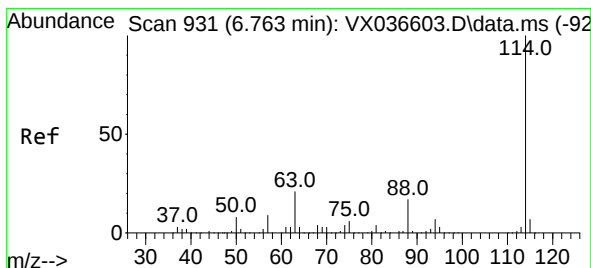
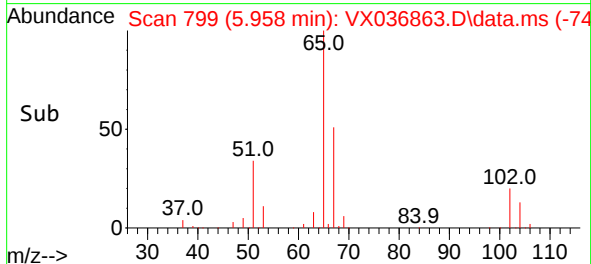
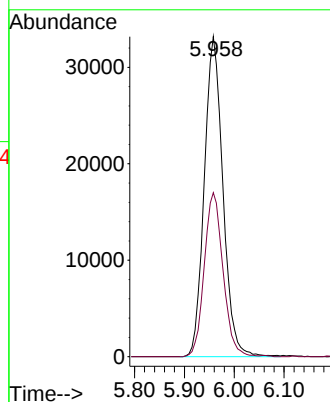
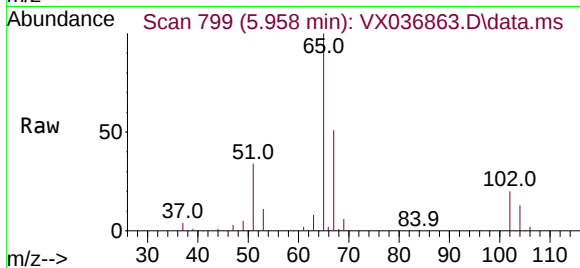
MW-03W

Tgt Ion: 65 Resp: 86310

Ion Ratio Lower Upper

65 100

67 51.5 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: VX036863.D

Acq: 08 Aug 2023 14:51

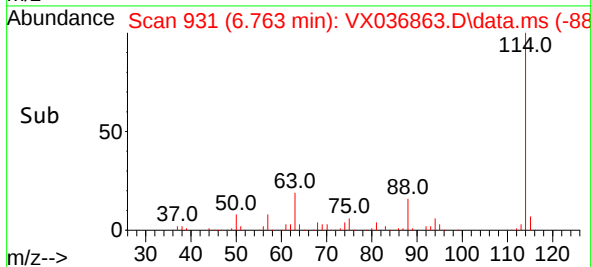
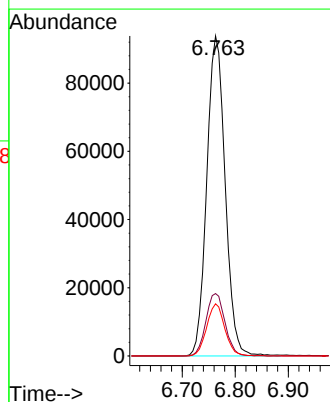
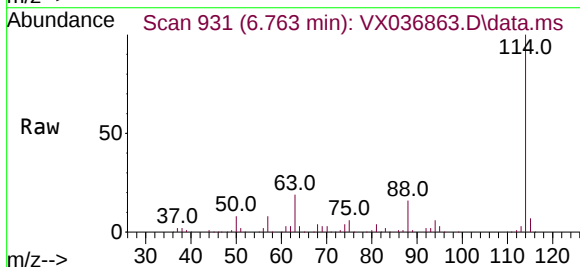
Tgt Ion: 114 Resp: 226161

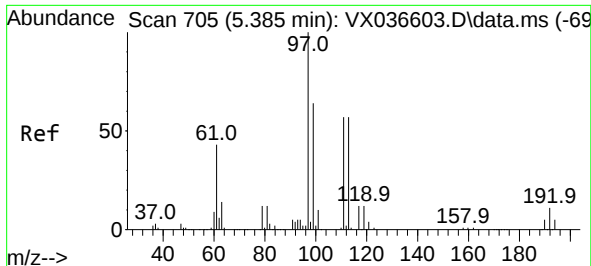
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 16.3 0.0 36.6

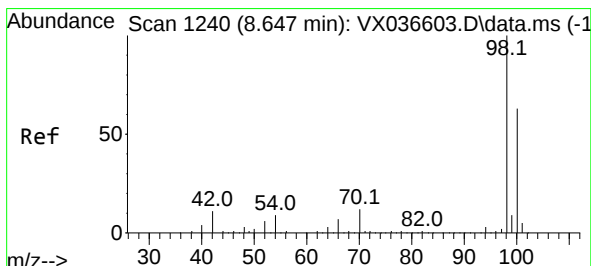
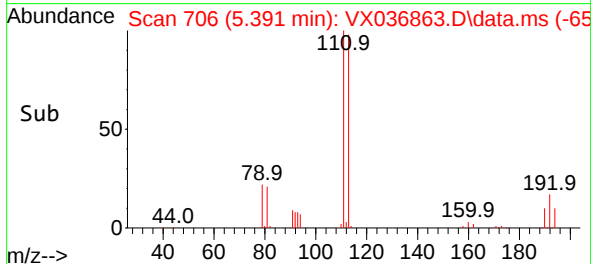
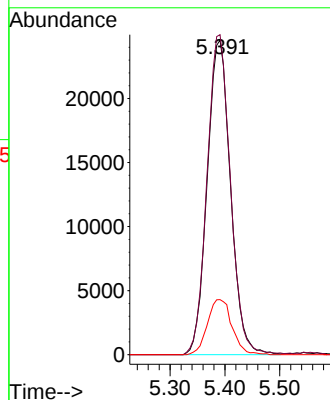
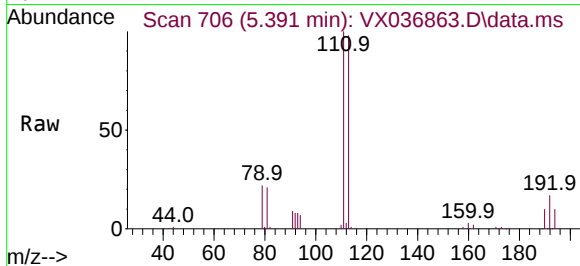




#35
Dibromofluoromethane
Concen: 46.701 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

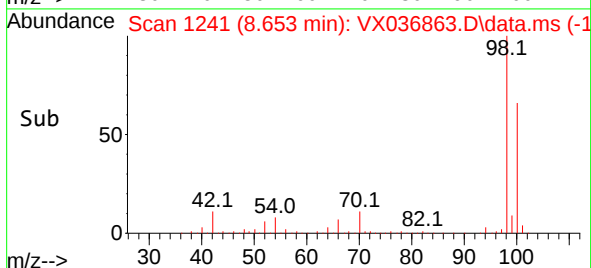
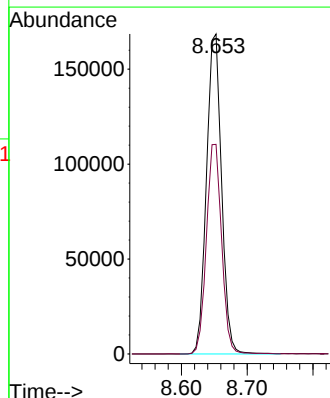
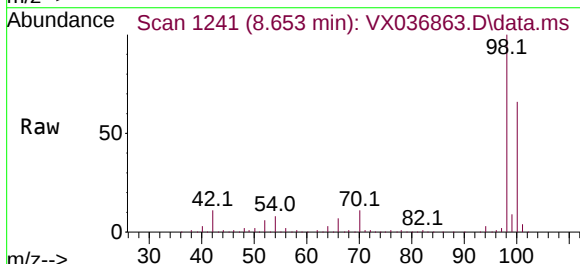
Instrument :
MSVOA_X
ClientSampleId :
MW-03W

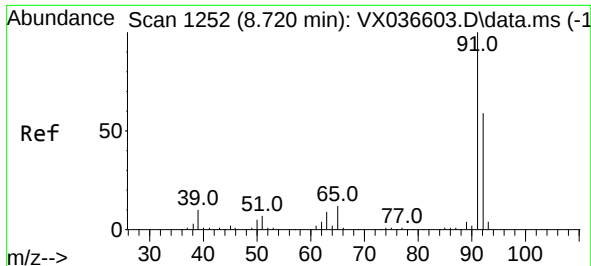
Tgt Ion:113 Resp: 72597
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.4 13.3 19.9



#50
Toluene-d8
Concen: 48.860 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

Tgt Ion: 98 Resp: 269349
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

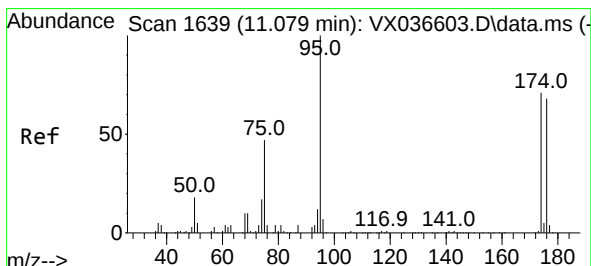
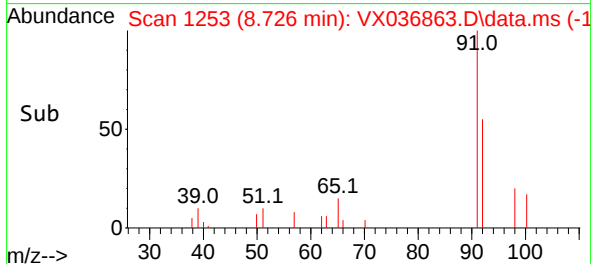
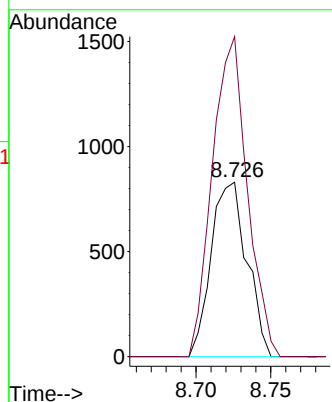
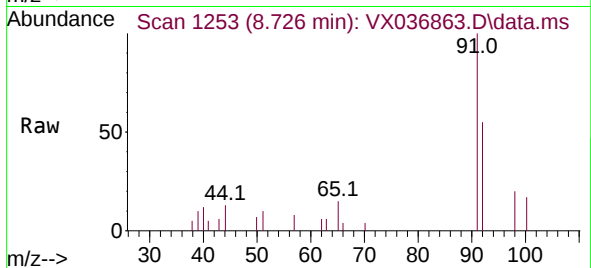




#52
Toluene
Concen: 0.327 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

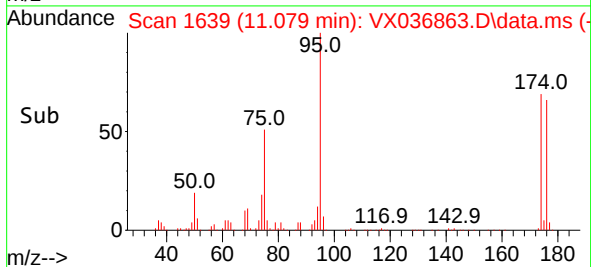
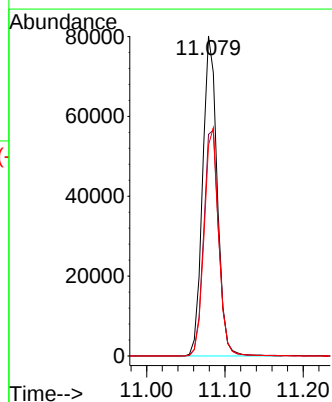
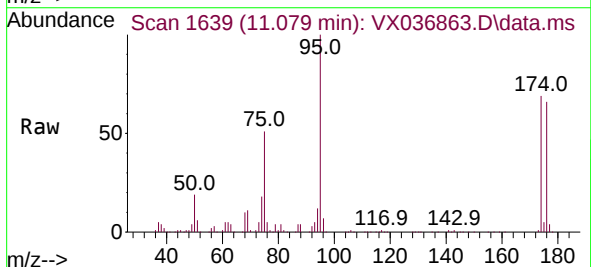
Instrument :
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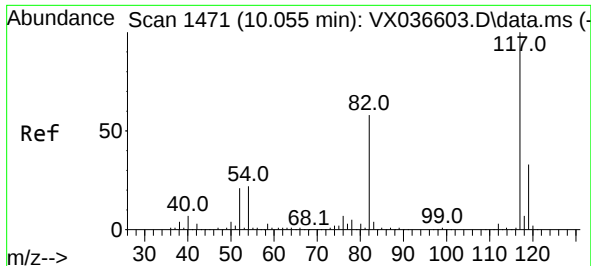
Tgt Ion: 92 Resp: 1382
Ion Ratio Lower Upper
92 100
91 179.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

Tgt Ion: 95 Resp: 103561
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.8 0.0 131.0

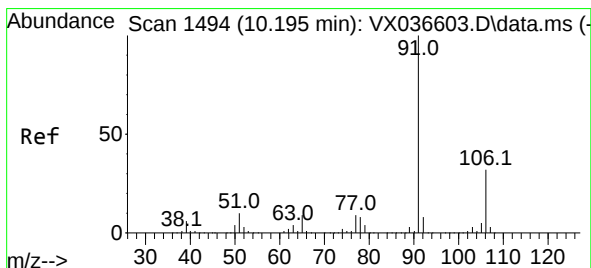
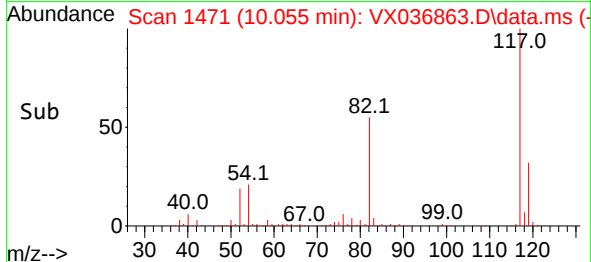
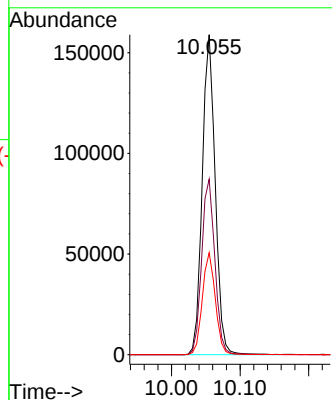
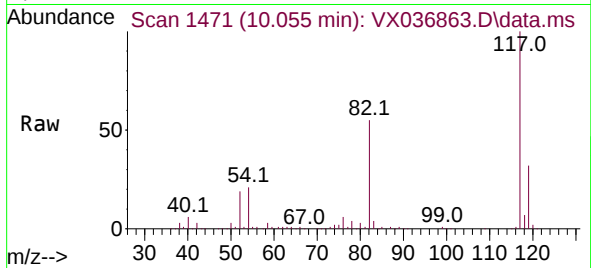




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

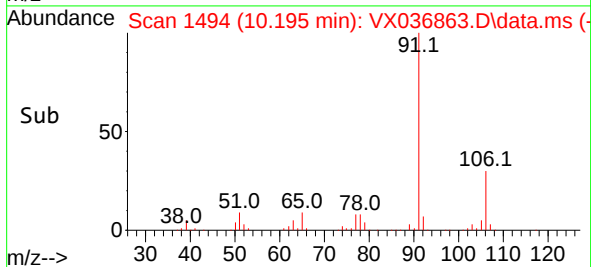
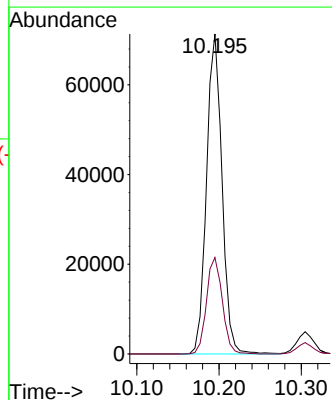
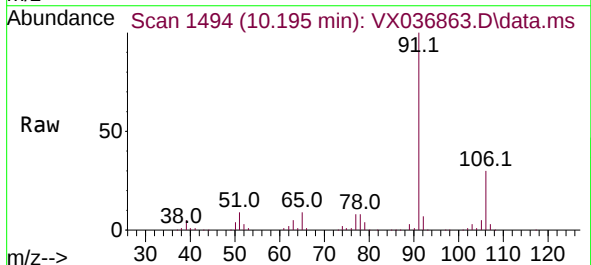
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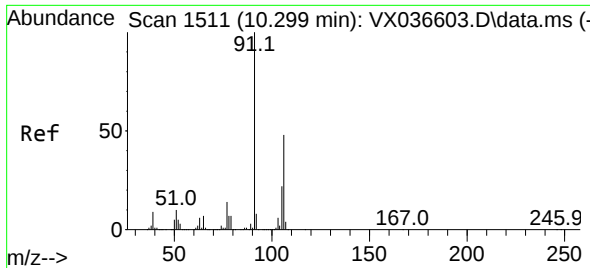
Tgt Ion:117 Resp: 209230
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.8 25.5 38.3



#67
Ethyl Benzene
Concen: 11.084 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

Tgt Ion: 91 Resp: 93384
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

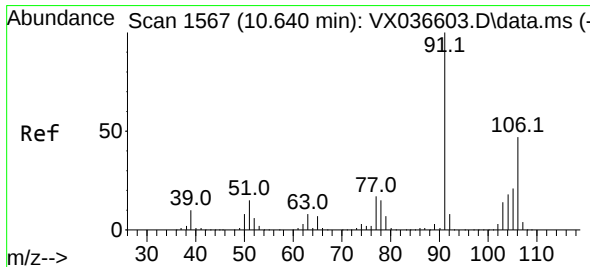
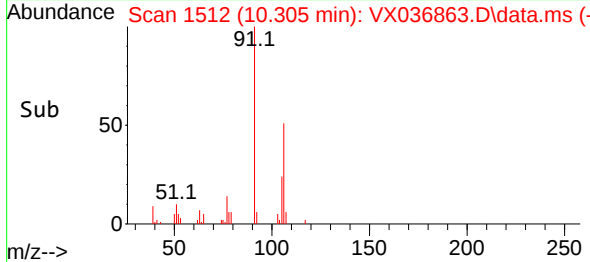
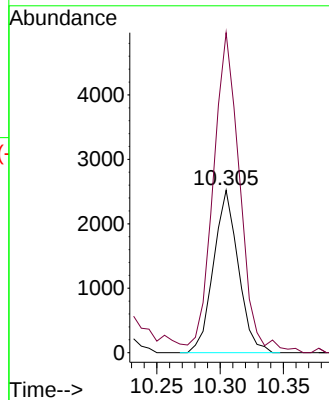
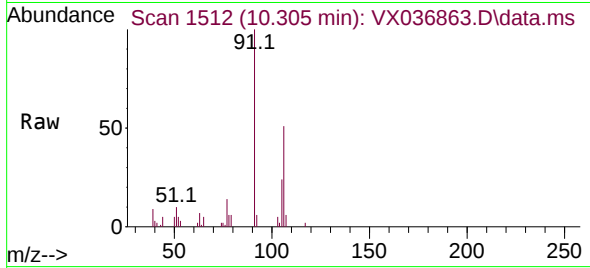




#68
m/p-Xylenes
Concen: 1.093 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

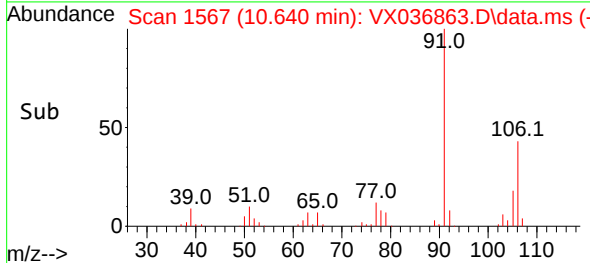
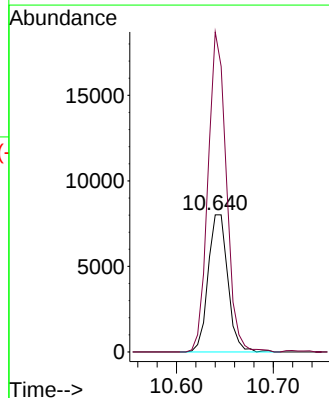
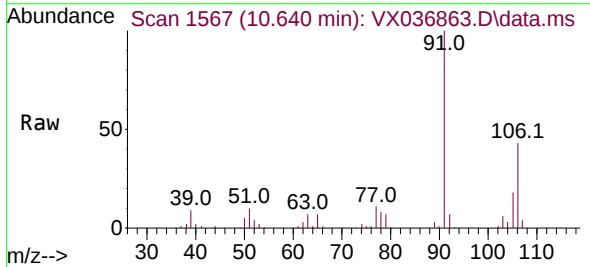
Instrument :
MSVOA_X
ClientSampleId :
MW-03W

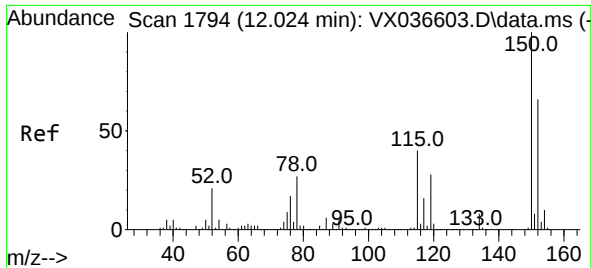
Tgt Ion:106 Resp: 3436
Ion Ratio Lower Upper
106 100
91 210.5 165.5 248.3



#69
o-Xylene
Concen: 3.625 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

Tgt Ion:106 Resp: 11374
Ion Ratio Lower Upper
106 100
91 217.5 108.9 326.8

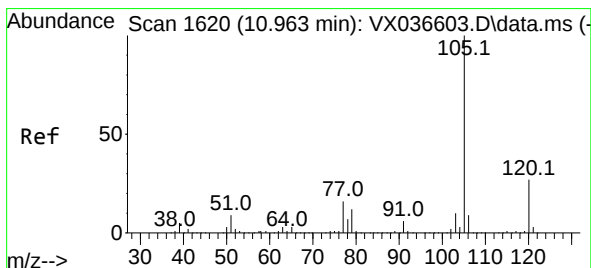
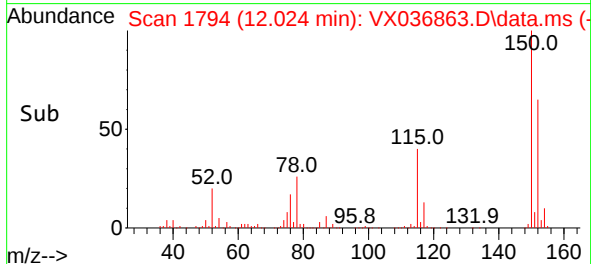
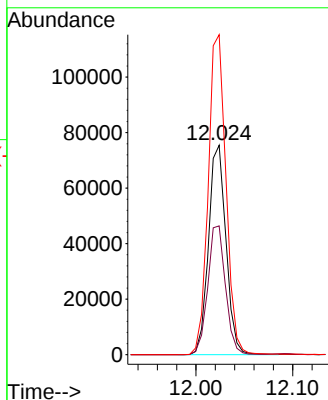
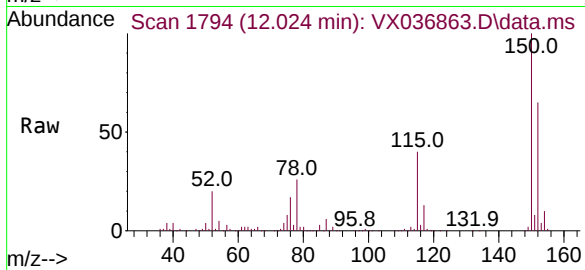




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

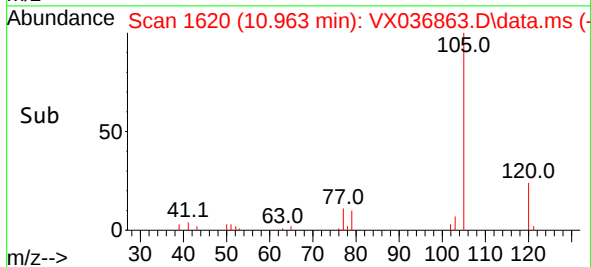
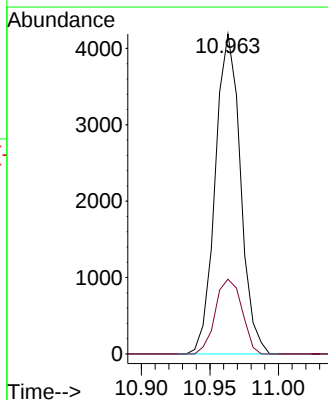
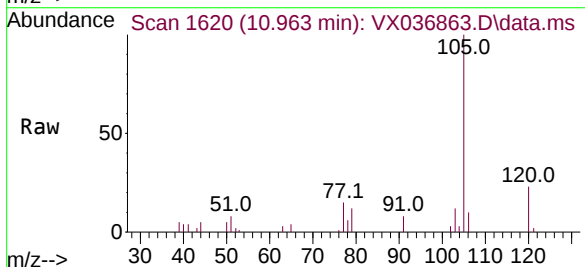
Instrument :
MSVOA_X
ClientSampleId :
MW-03W

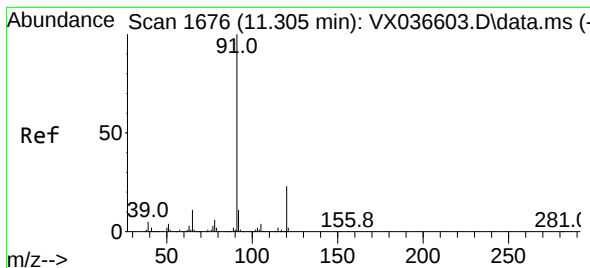
Tgt Ion:152 Resp: 94995
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 155.1 0.0 345.0



#73
Isopropylbenzene
Concen: 0.682 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036863.D
Acq: 08 Aug 2023 14:51

Tgt Ion:105 Resp: 5358
Ion Ratio Lower Upper
105 100
120 24.6 12.9 38.6





#78

n-propylbenzene

Concen: 0.752 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036863.D

Acq: 08 Aug 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

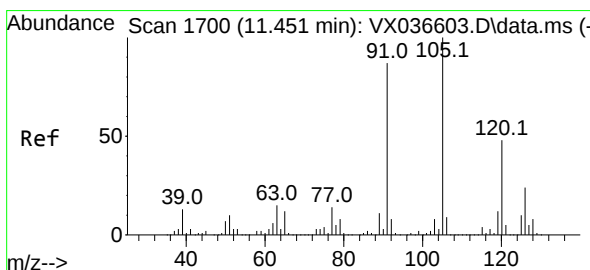
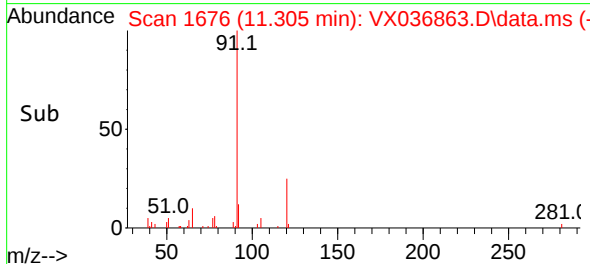
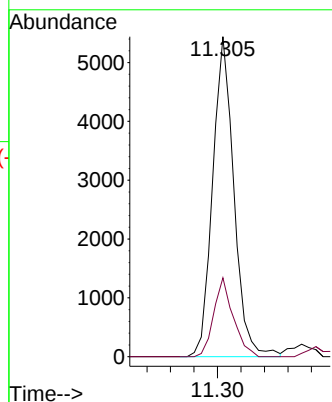
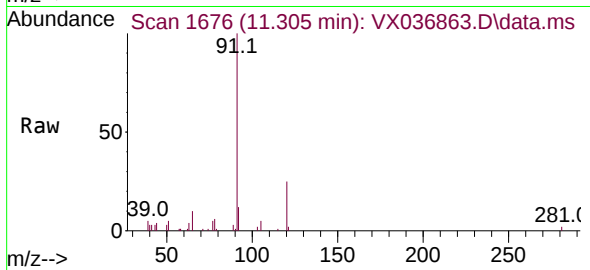
MW-03W

Tgt Ion: 91 Resp: 6838

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.549 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX036863.D

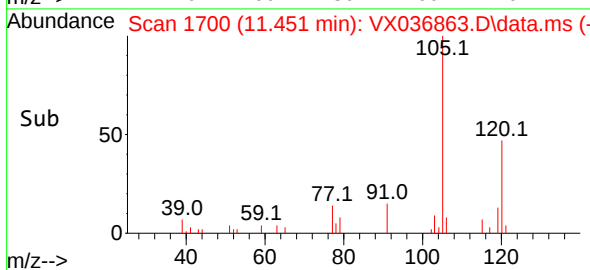
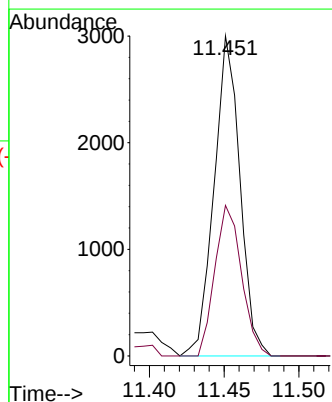
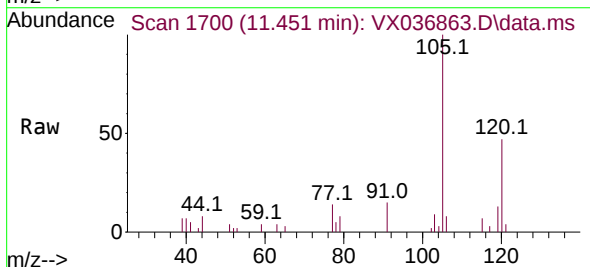
Acq: 08 Aug 2023 14:51

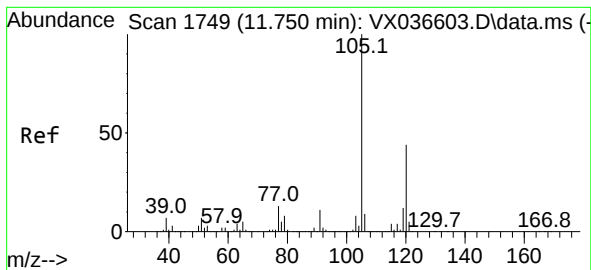
Tgt Ion: 105 Resp: 3612

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 3.393 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036863.D

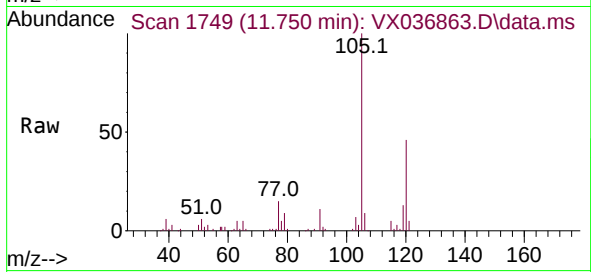
Acq: 08 Aug 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

MW-03W



Tgt Ion:105 Resp: 22315

Ion Ratio Lower Upper

105 100

120 45.5 21.2 63.6

