

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027959.D
 Acq On : 04 Apr 2022 15:48
 Operator : JC/MD
 Sample : N2249-08 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101R

Quant Time: Apr 05 05:50:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

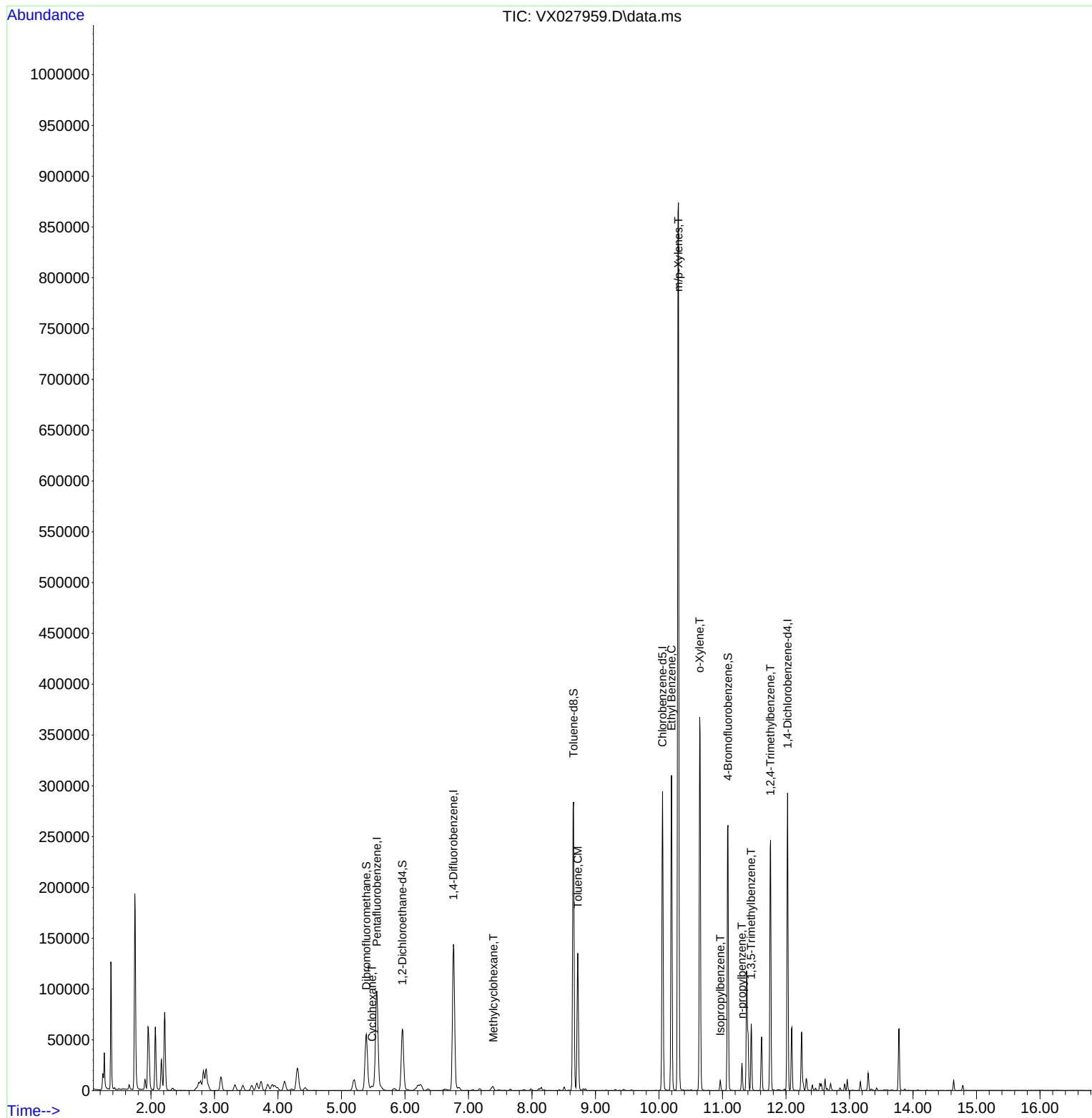
Internal Standards							
1) Pentafluorobenzene		5.556	168	88227	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene		6.763	114	142296	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	123654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	56097	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	62959	55.306	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.620%	
35) Dibromofluoromethane		5.391	113	47197	51.386	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.780%	
50) Toluene-d8		8.653	98	166489	51.518	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.040%	
62) 4-Bromofluorobenzene		11.085	95	71194	51.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.680%	
Target Compounds							
31) Cyclohexane		5.483	56	2998	2.382	ug/l	# 67
39) Methylcyclohexane		7.391	83	1855	1.363	ug/l	# 93
52) Toluene		8.720	92	47758	21.627	ug/l	99
67) Ethyl Benzene		10.195	91	173701	39.310	ug/l	100
68) m/p-Xylenes		10.305	106	197056	121.250	ug/l	88
69) o-Xylene		10.640	106	76173	47.986	ug/l	88
73) Isopropylbenzene		10.964	105	4577	1.096	ug/l	97
78) n-propylbenzene		11.305	91	15762	3.159	ug/l	97
80) 1,3,5-Trimethylbenzene		11.451	105	27643	7.627	ug/l	97
84) 1,2,4-Trimethylbenzene		11.756	105	107834	29.840	ug/l	96

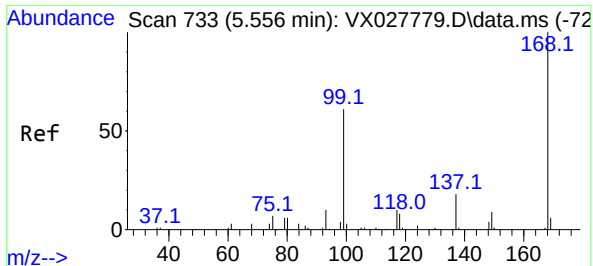
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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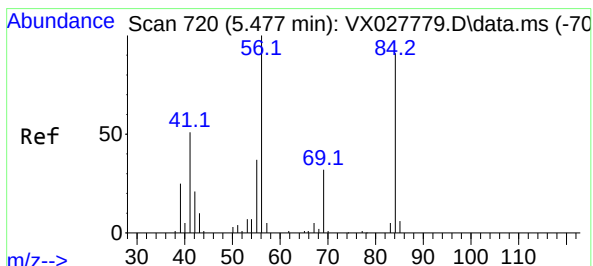
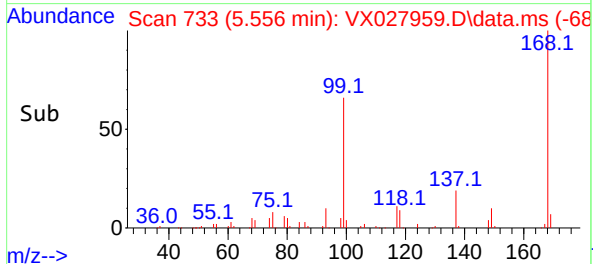
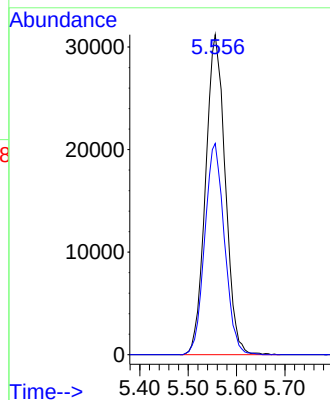
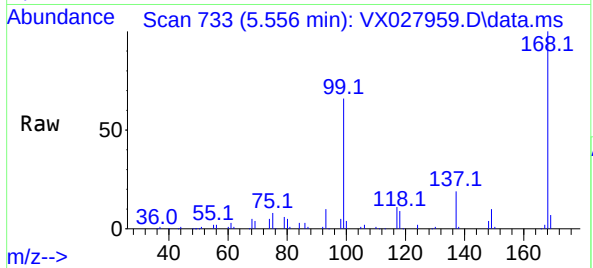




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

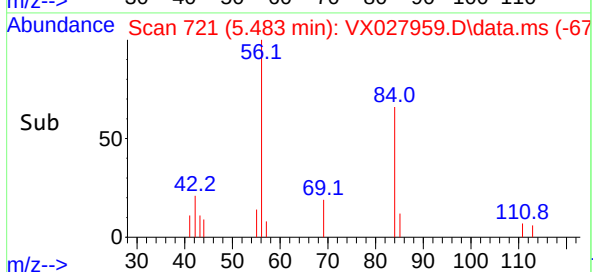
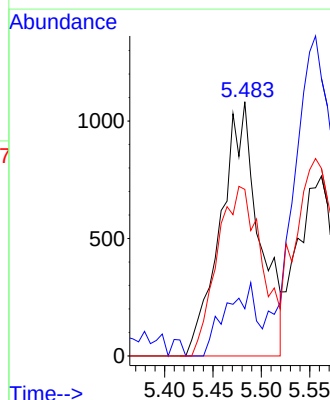
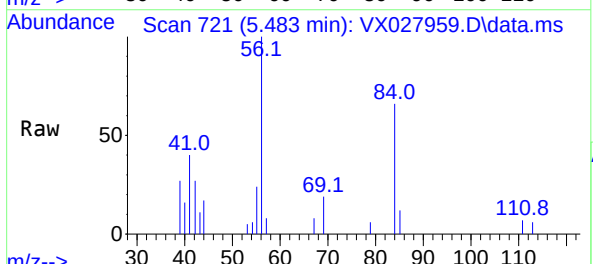
Instrument :
MSVOA_X
ClientSampleId :
MW-101R

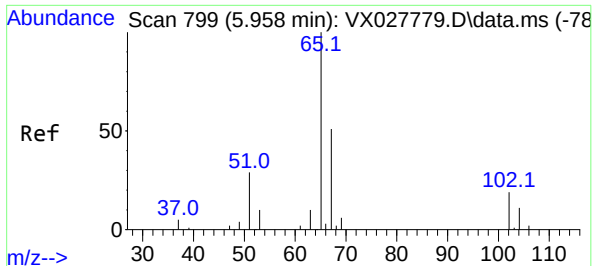
Tgt Ion:168 Resp: 88227
Ion Ratio Lower Upper
168 100
99 66.0 41.7 62.5#



#31
Cyclohexane
Concen: 2.382 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

Tgt Ion: 56 Resp: 2998
Ion Ratio Lower Upper
56 100
69 12.3 26.7 40.1#
84 65.5 77.2 115.8#

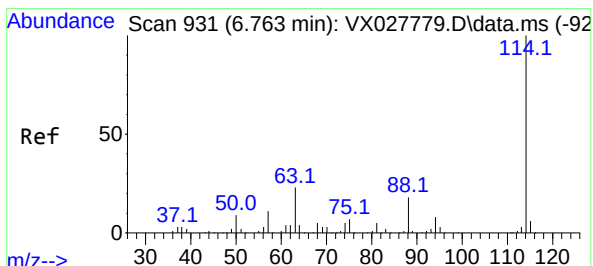
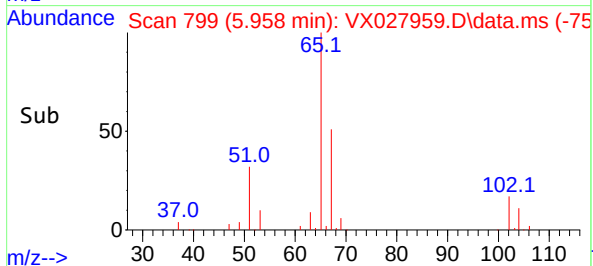
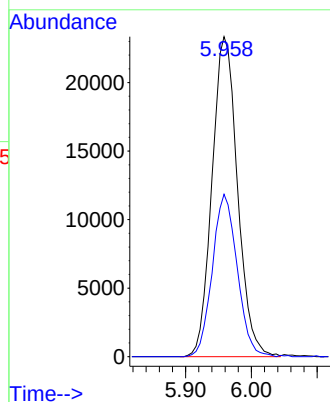
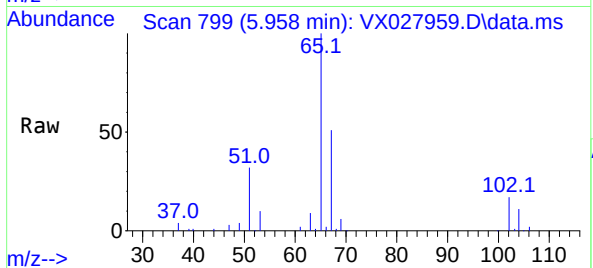




#33
 1,2-Dichloroethane-d4
 Concen: 55.306 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027959.D
 Acq: 04 Apr 2022 15:48

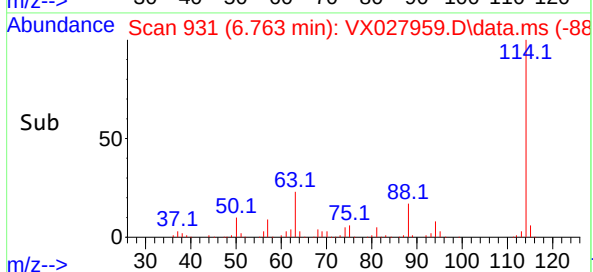
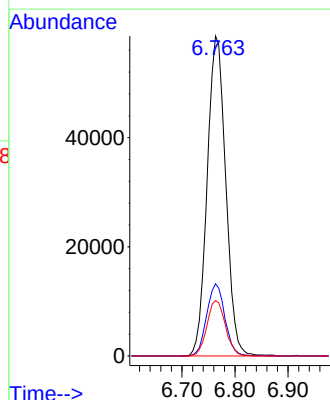
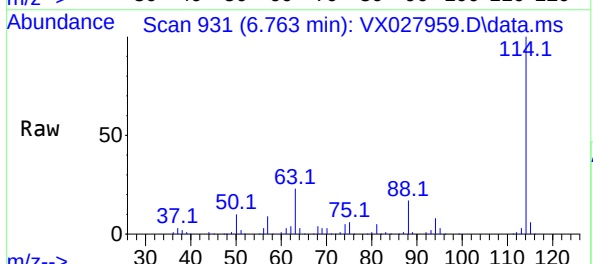
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101R

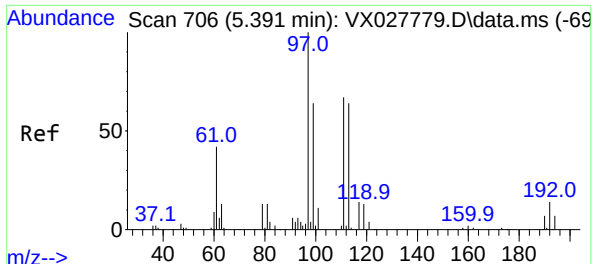
Tgt Ion: 65 Resp: 62959
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX027959.D
 Acq: 04 Apr 2022 15:48

Tgt Ion: 114 Resp: 142296
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 36.8
 88 17.3 0.0 32.4

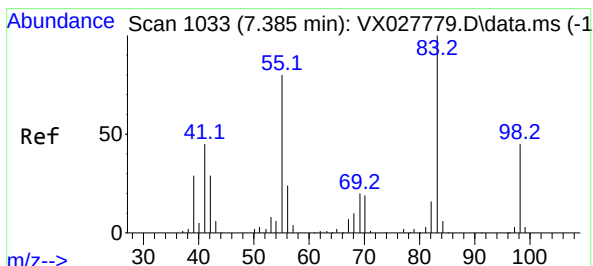
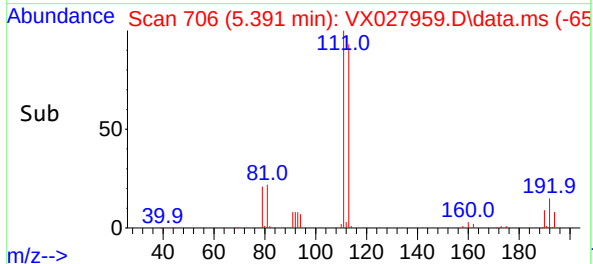
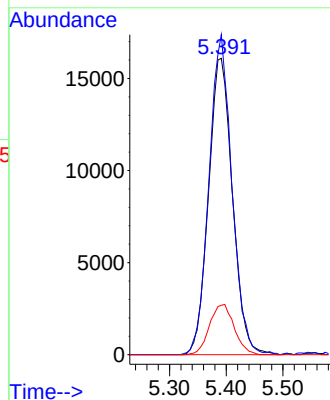
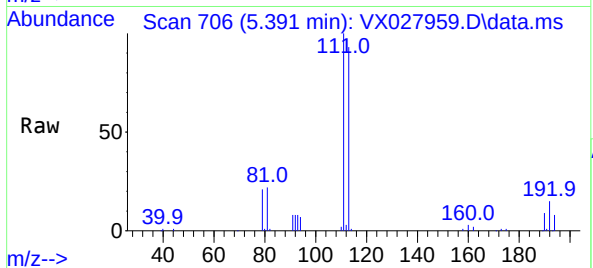




#35
Dibromofluoromethane
Concen: 51.386 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

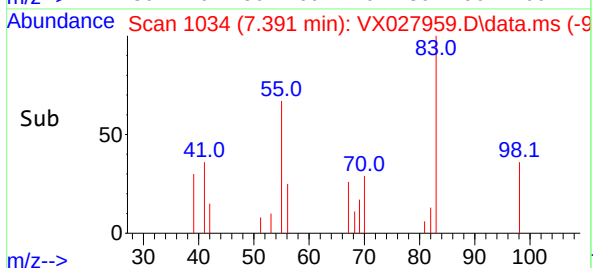
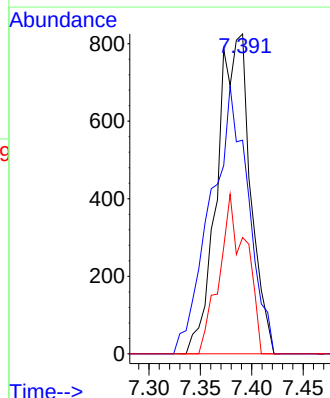
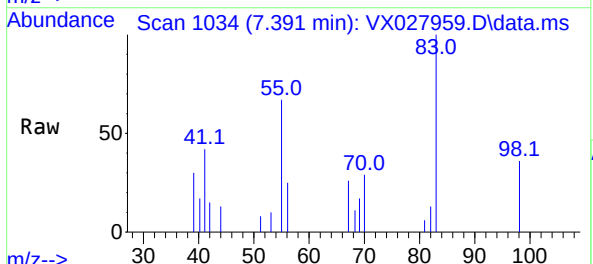
Instrument :
MSVOA_X
ClientSampleId :
MW-101R

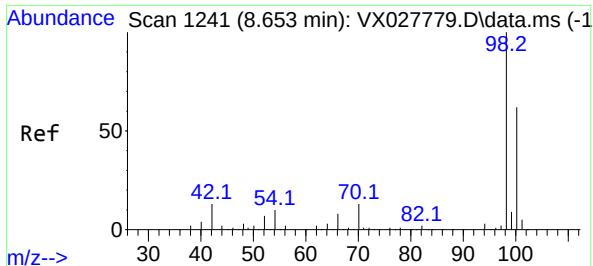
Tgt Ion:113 Resp: 47197
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 17.5 16.9 25.3



#39
Methylcyclohexane
Concen: 1.363 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

Tgt Ion: 83 Resp: 1855
Ion Ratio Lower Upper
83 100
55 66.8 54.6 81.8
98 36.4 37.4 56.2#





#50

Toluene-d8

Concen: 51.518 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027959.D

Acq: 04 Apr 2022 15:48

Instrument :

MSVOA_X

ClientSampleId :

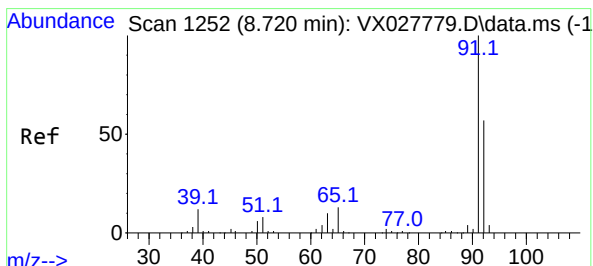
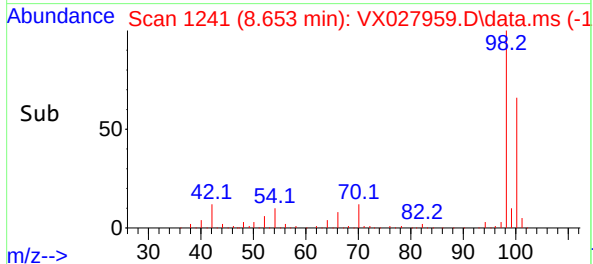
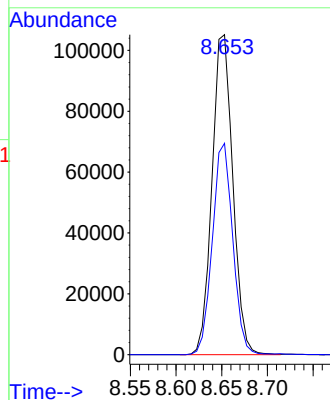
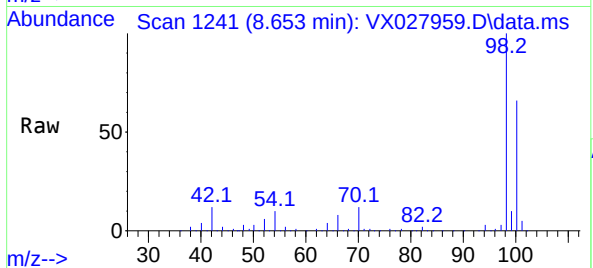
MW-101R

Tgt Ion: 98 Resp: 166489

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#52

Toluene

Concen: 21.627 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027959.D

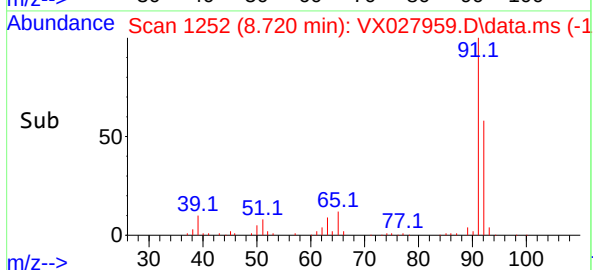
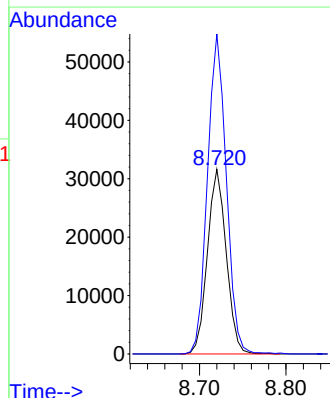
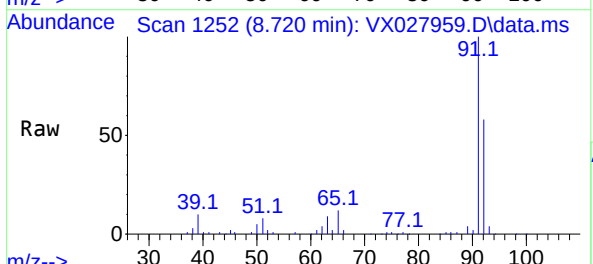
Acq: 04 Apr 2022 15:48

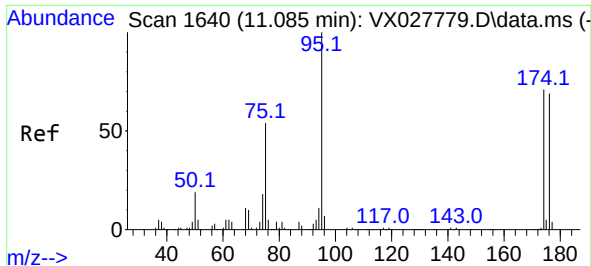
Tgt Ion: 92 Resp: 47758

Ion Ratio Lower Upper

92 100

91 173.6 137.5 206.3

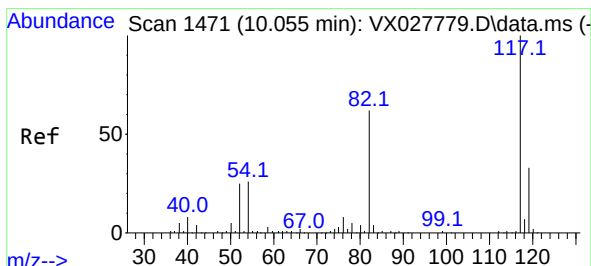
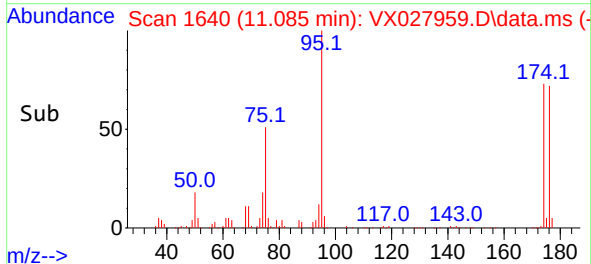
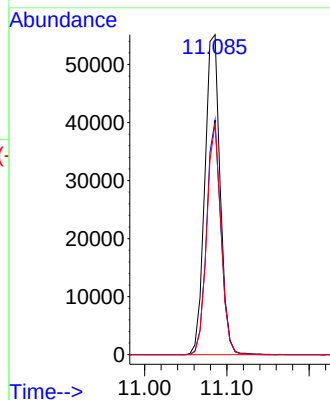
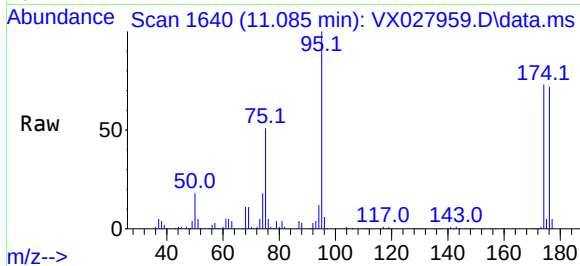




#62
4-Bromofluorobenzene
Concen: 51.840 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

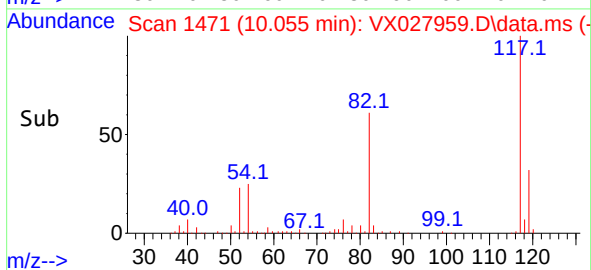
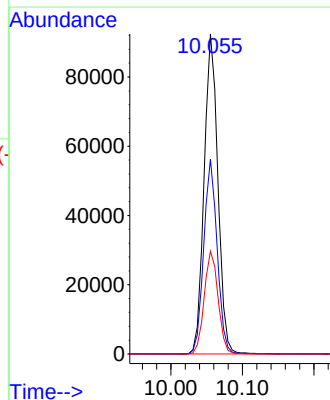
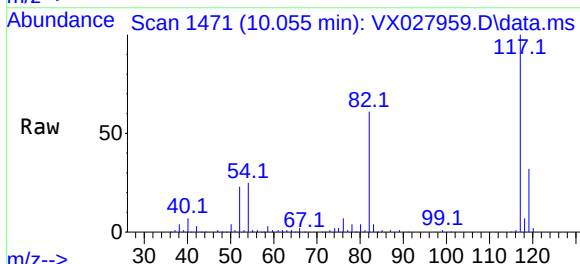
Instrument :
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MW-101R

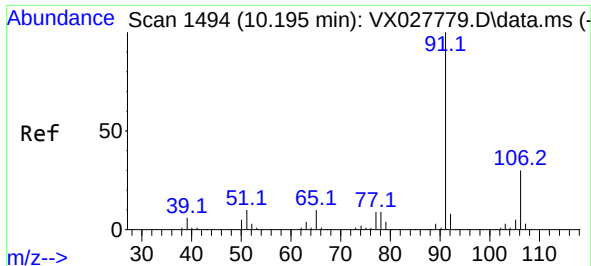
Tgt Ion: 95 Resp: 71194
Ion Ratio Lower Upper
95 100
174 68.3 0.0 163.0
176 67.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

Tgt Ion: 117 Resp: 123654
Ion Ratio Lower Upper
117 100
82 60.9 41.8 62.8
119 32.1 24.8 37.2

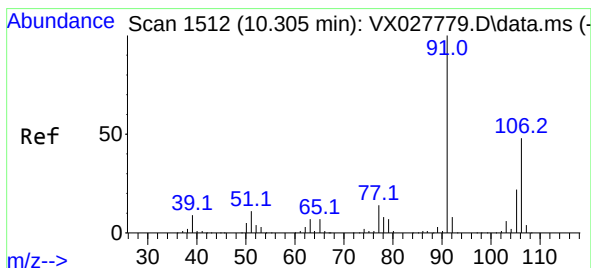
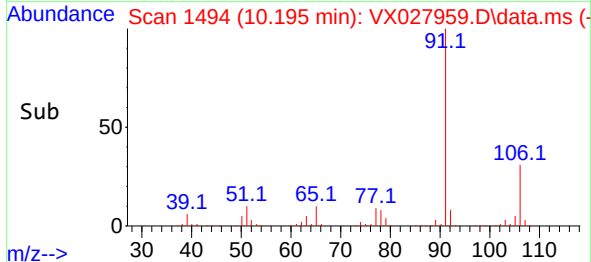
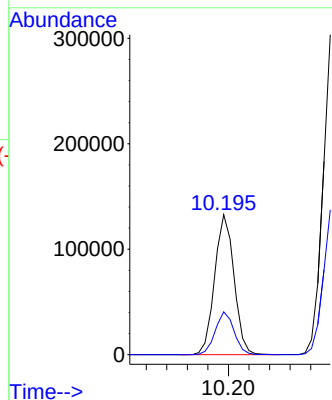
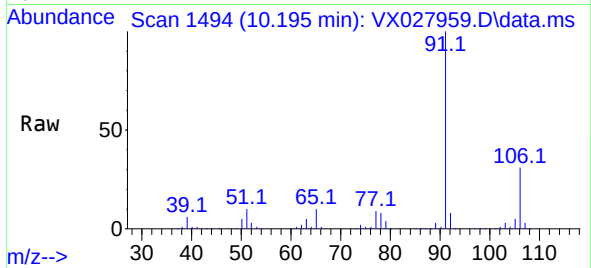




#67
Ethyl Benzene
Concen: 39.310 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

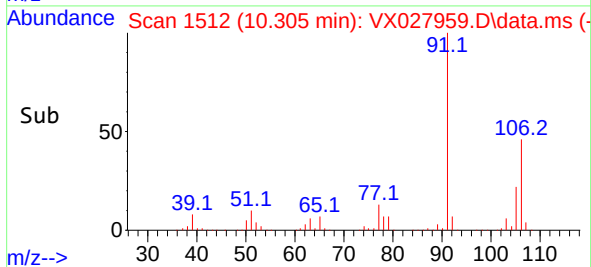
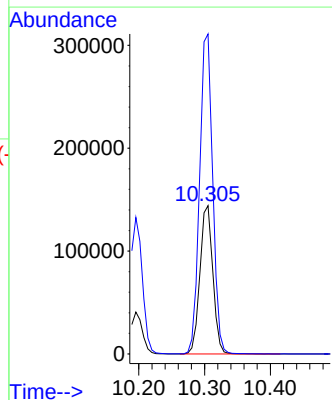
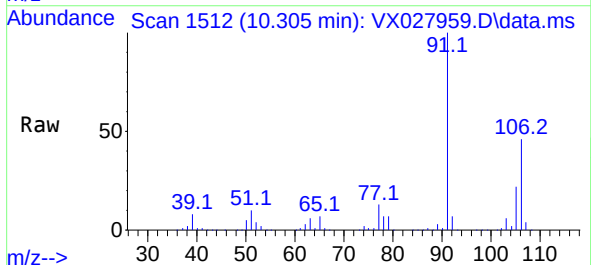
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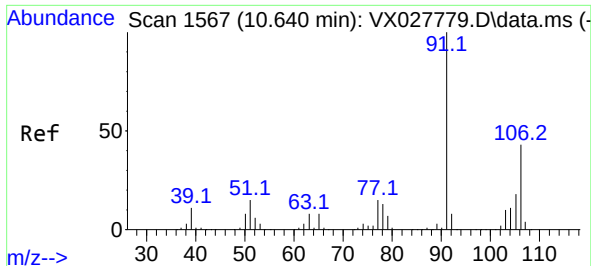
Tgt Ion: 91 Resp: 173701
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 121.250 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

Tgt Ion:106 Resp: 197056
Ion Ratio Lower Upper
106 100
91 218.5 160.4 240.6

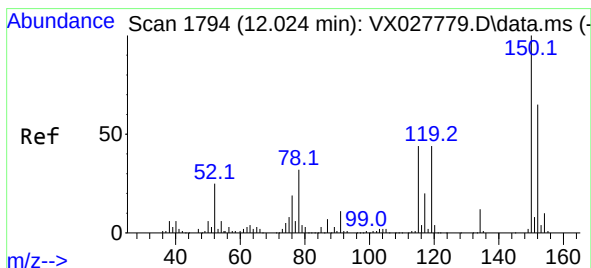
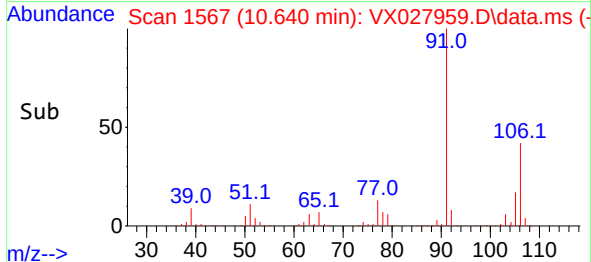
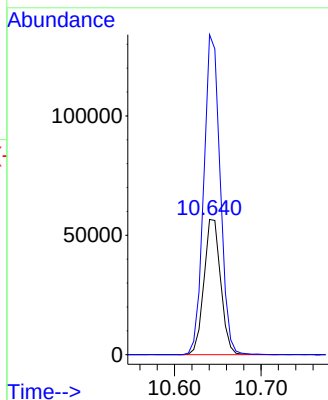
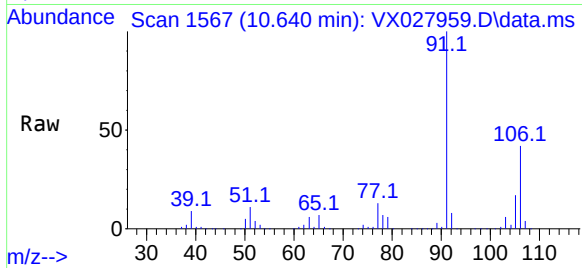




#69
o-Xylene
Concen: 47.986 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

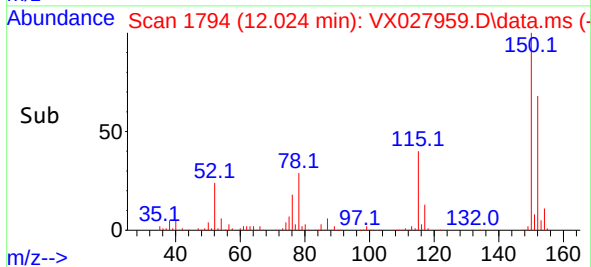
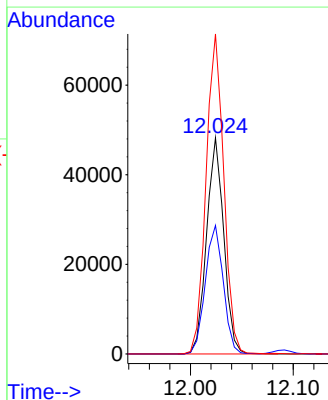
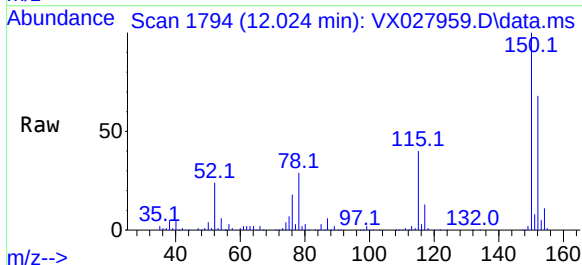
Instrument :
MSVOA_X
ClientSampleId :
MW-101R

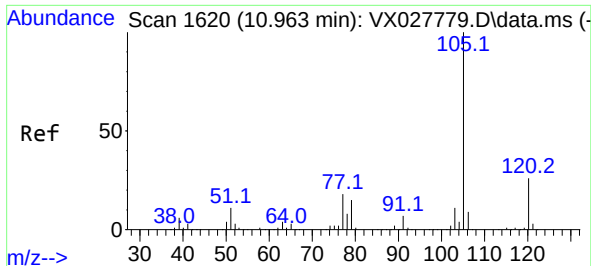
Tgt Ion:106 Resp: 76173
Ion Ratio Lower Upper
106 100
91 231.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

Tgt Ion:152 Resp: 56097
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 152.4 0.0 338.2

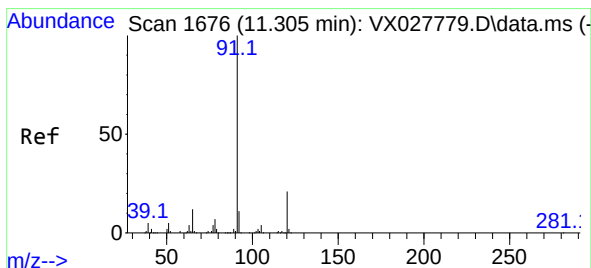
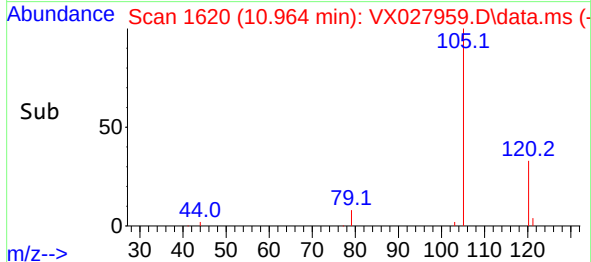
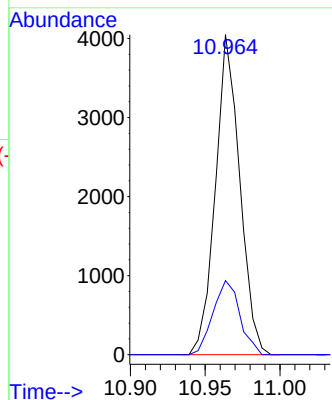
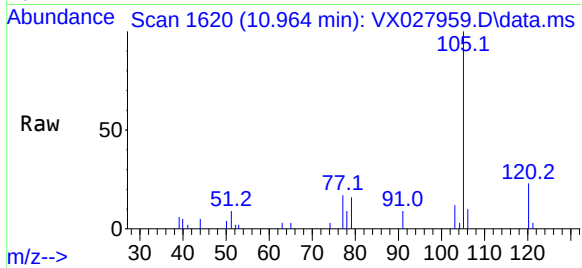




#73
Isopropylbenzene
Concen: 1.096 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

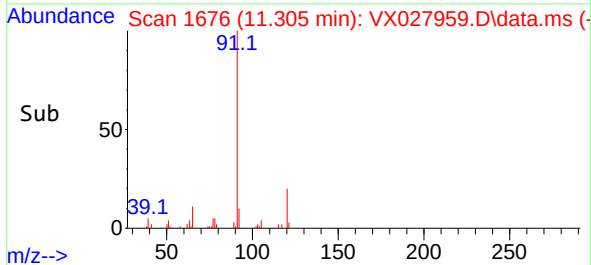
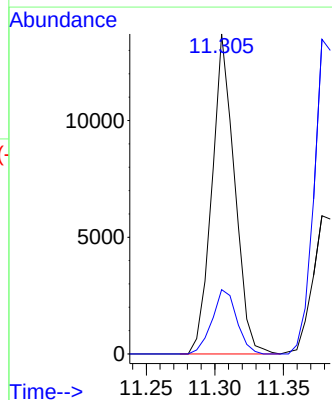
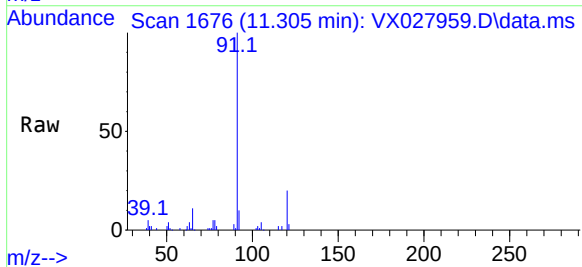
Instrument :
MSVOA_X
ClientSampleId :
MW-101R

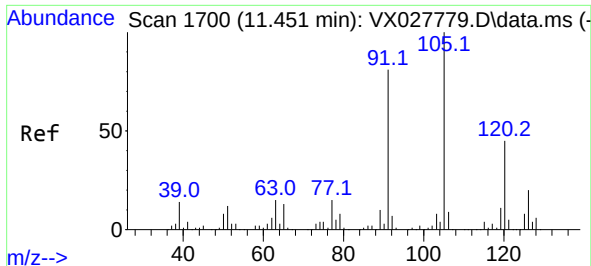
Tgt Ion:105 Resp: 4577
Ion Ratio Lower Upper
105 100
120 25.5 13.5 40.5



#78
n-propylbenzene
Concen: 3.159 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

Tgt Ion: 91 Resp: 15762
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.8

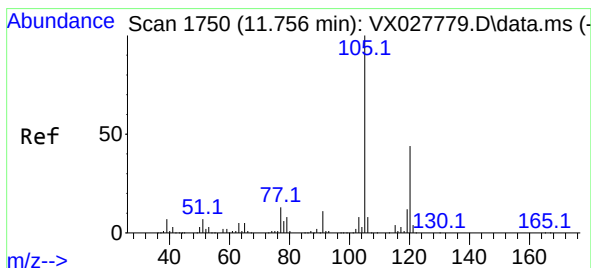
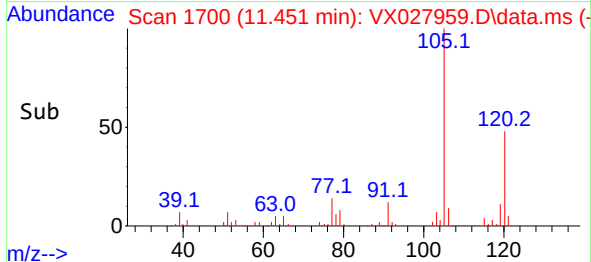
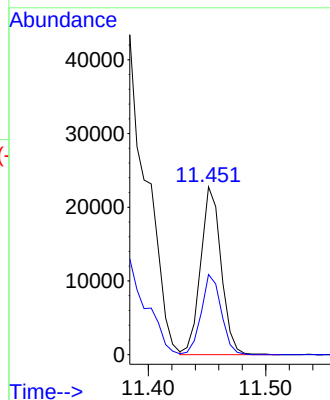
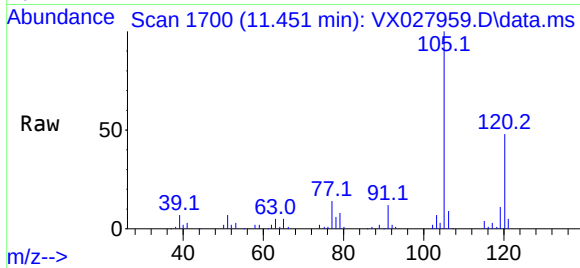




#80
1,3,5-Trimethylbenzene
Concen: 7.627 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

Instrument :
MSVOA_X
ClientSampleId :
MW-101R

Tgt Ion:105 Resp: 27643
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 29.840 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027959.D
Acq: 04 Apr 2022 15:48

Tgt Ion:105 Resp: 107834
Ion Ratio Lower Upper
105 100
120 42.8 22.6 67.8

