

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028733.D
 Acq On : 16 May 2022 15:55
 Operator : JC/MD
 Sample : N2862-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6R

Quant Time: May 17 03:37:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

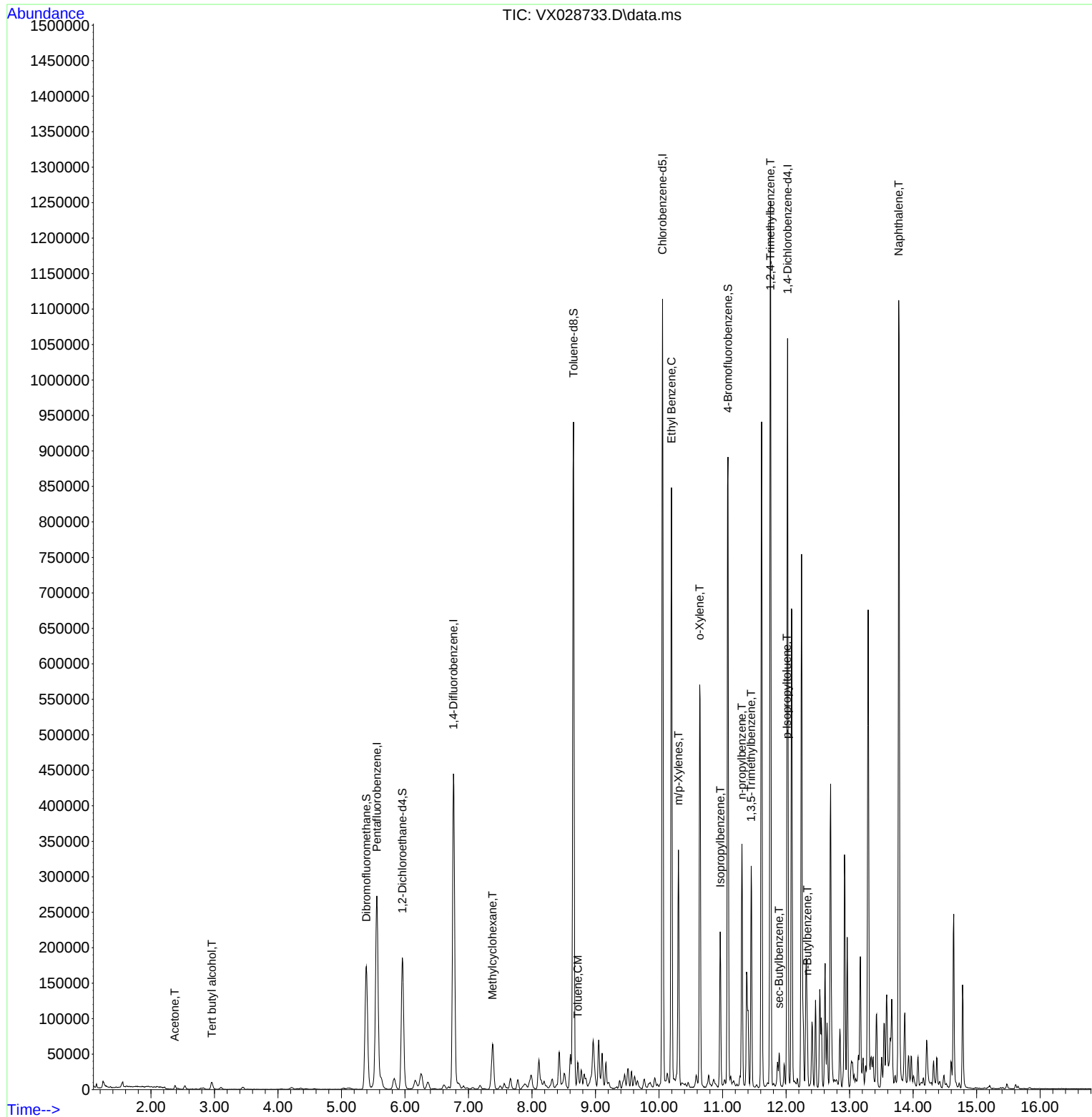
Internal Standards						
1) Pentafluorobenzene	5.556	168	247890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175561	51.666	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.340%	
35) Dibromofluoromethane	5.391	113	149243	50.471	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.940%	
50) Toluene-d8	8.653	98	551008	49.425	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	11.085	95	234413	56.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	10833	7.276	ug/l	97
16) Acetone	2.374	43	5182	3.553	ug/l	99
39) Methylcyclohexane	7.379	83	27369	5.373	ug/l	95
52) Toluene	8.720	92	13019	1.586	ug/l	94
67) Ethyl Benzene	10.195	91	470342	25.927	ug/l	99
68) m/p-Xylenes	10.305	106	69890	9.895	ug/l	97
69) o-Xylene	10.640	106	121402	17.459	ug/l	94
73) Isopropylbenzene	10.963	105	108320	7.185	ug/l	100
78) n-propylbenzene	11.305	91	201899	11.578	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	129572	10.315	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	544611	43.234	ug/l	100
85) sec-Butylbenzene	11.890	105	21674	1.445	ug/l	97
86) p-Isopropyltoluene	12.012	119	11228	0.892	ug/l	86
89) n-Butylbenzene	12.335	91	43131	3.954	ug/l #	55
95) Naphthalene	13.774	128	673790	47.698	ug/l	100

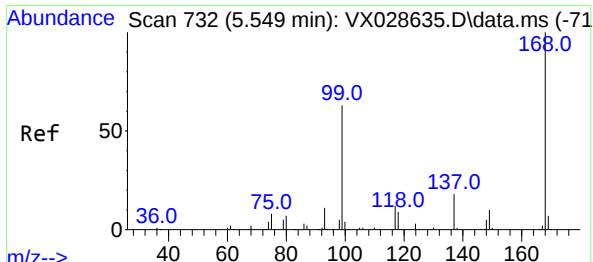
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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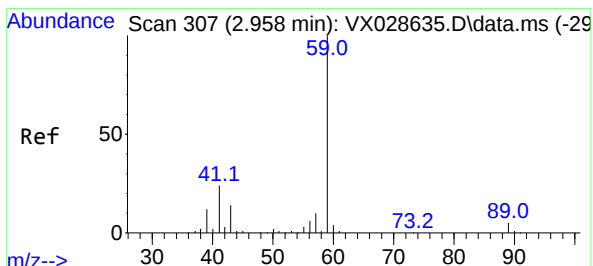
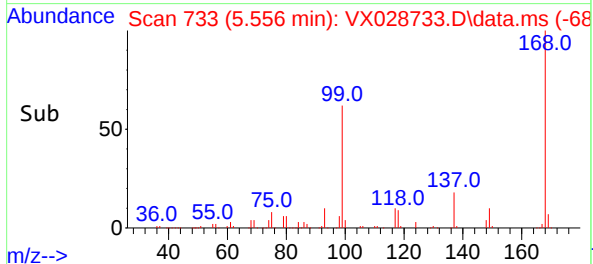
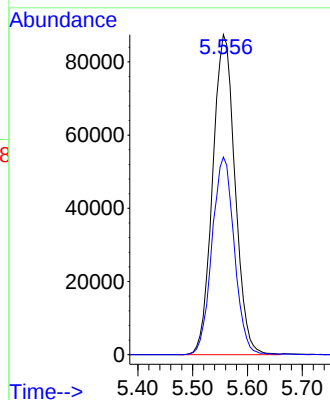
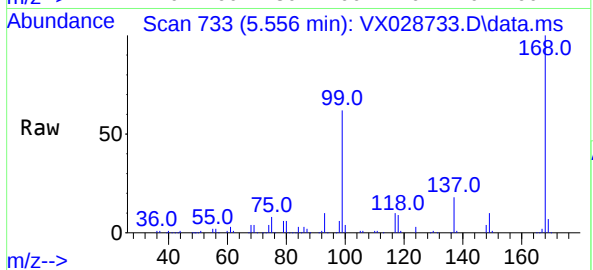




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

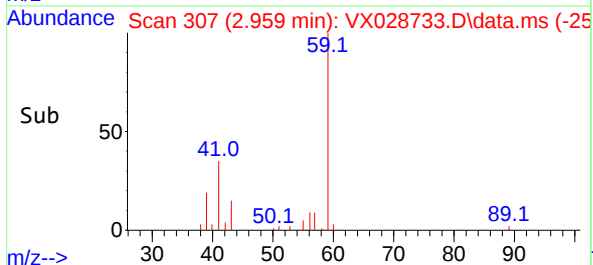
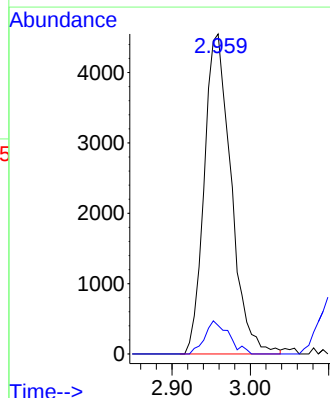
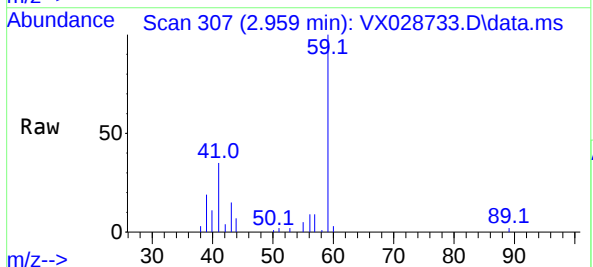
Instrument :
MSVOA_X
ClientSampleId :
MW-6R

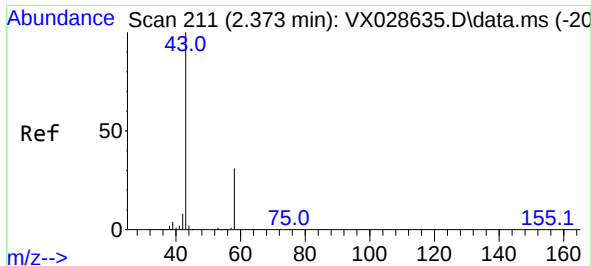
Tgt Ion:168 Resp: 247890
Ion Ratio Lower Upper
168 100
99 61.8 41.7 62.5



#11
Tert butyl alcohol
Concen: 7.276 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion: 59 Resp: 10833
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

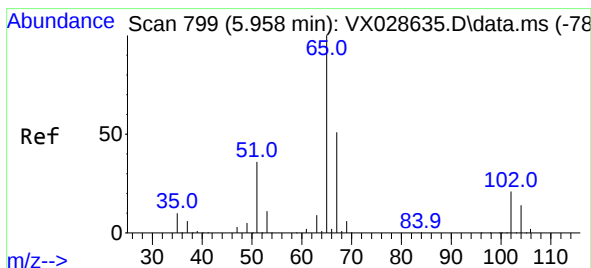
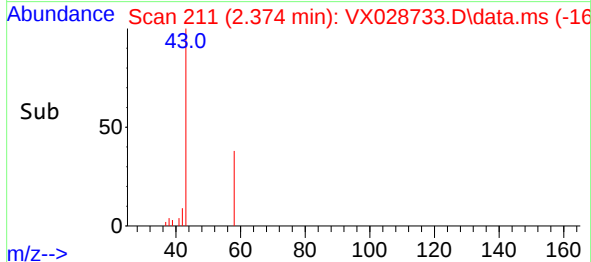
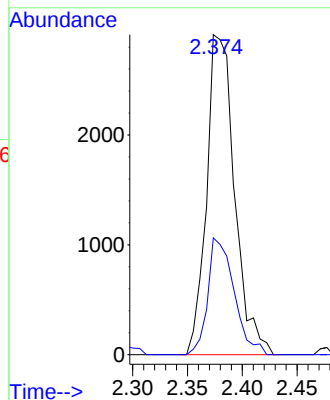
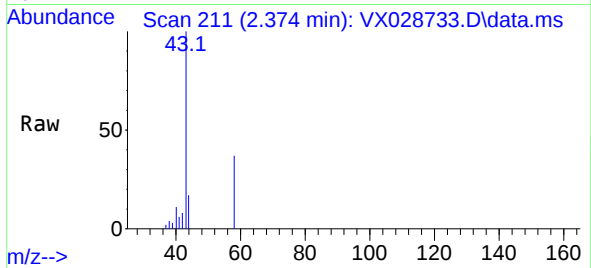




#16
Acetone
Concen: 3.553 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

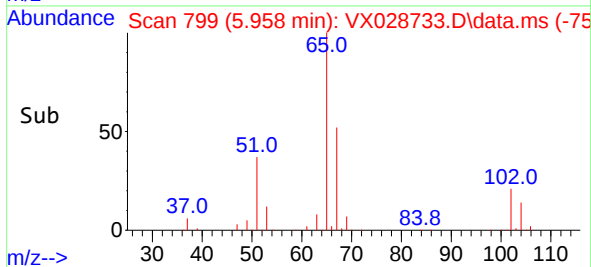
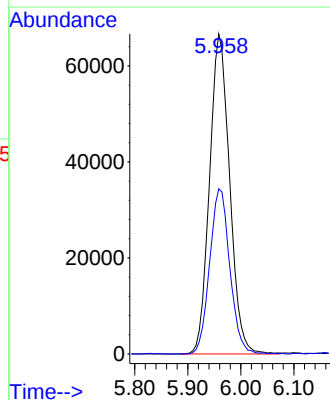
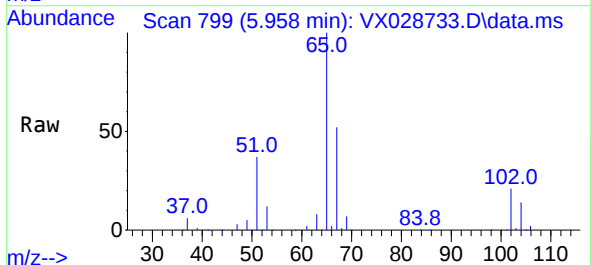
Instrument :
MSVOA_X
ClientSampleId :
MW-6R

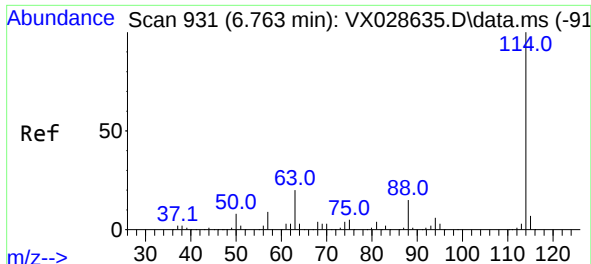
Tgt Ion: 43 Resp: 5182
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2



#33
1,2-Dichloroethane-d4
Concen: 51.666 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion: 65 Resp: 175561
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

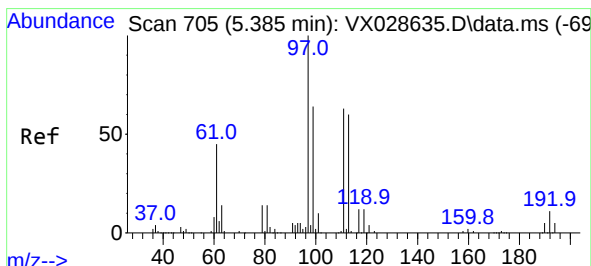
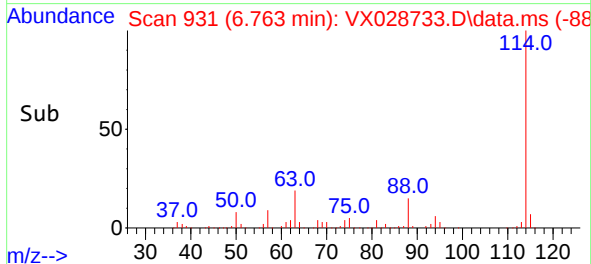
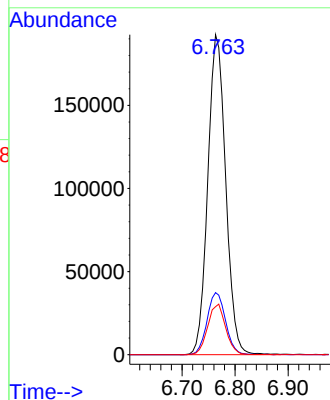
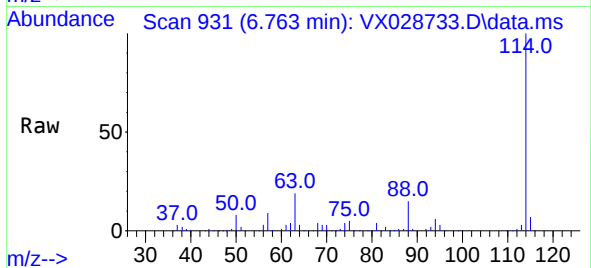




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

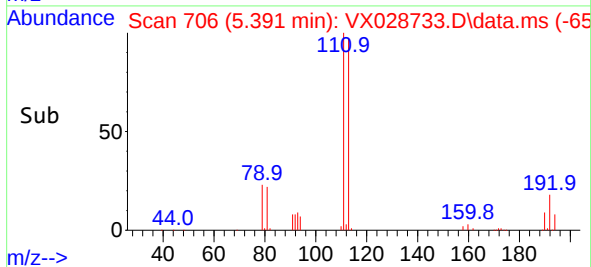
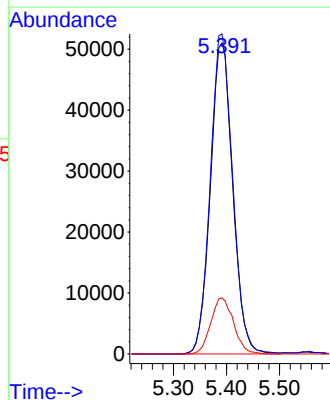
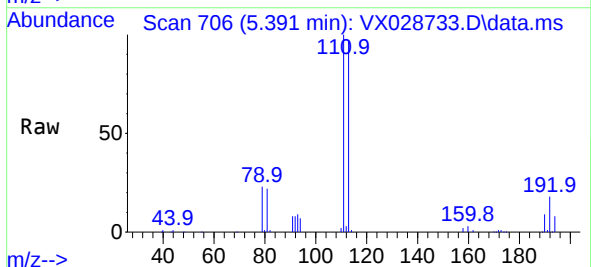
Instrument :
MSVOA_X
ClientSampleId :
MW-6R

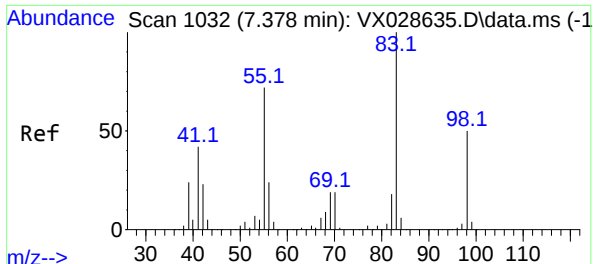
Tgt Ion:114 Resp: 451324
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.471 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion:113 Resp: 149243
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.3 16.9 25.3





#39

Methylcyclohexane

Concen: 5.373 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX028733.D

Acq: 16 May 2022 15:55

Instrument :

MSVOA_X

ClientSampleId :

MW-6R

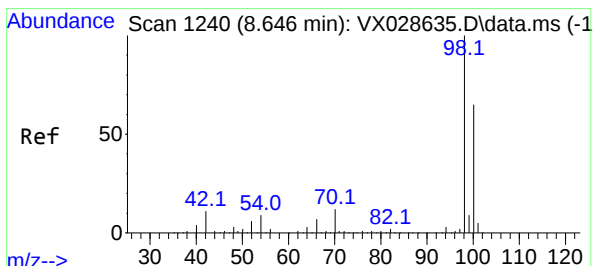
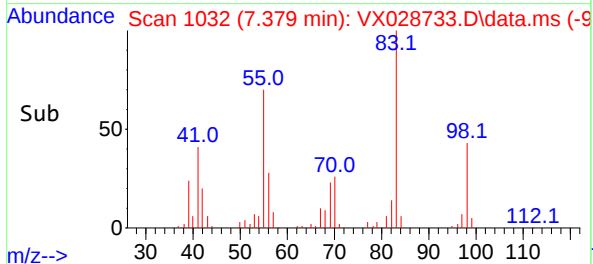
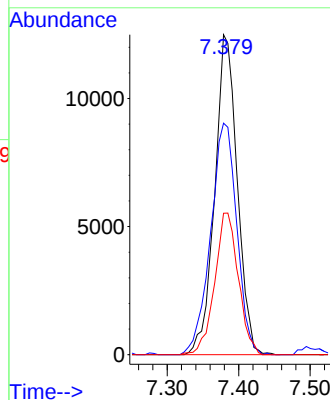
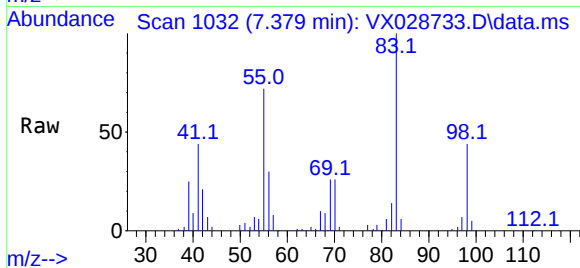
Tgt Ion: 83 Resp: 27369

Ion Ratio Lower Upper

83 100

55 72.3 54.6 81.8

98 44.2 37.4 56.2



#50

Toluene-d8

Concen: 49.425 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028733.D

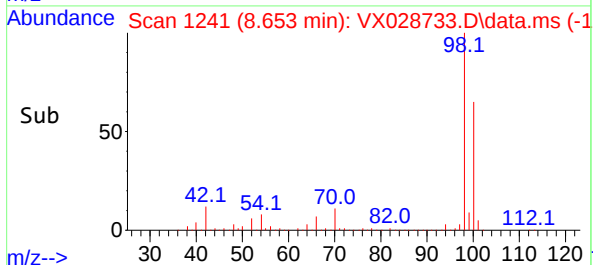
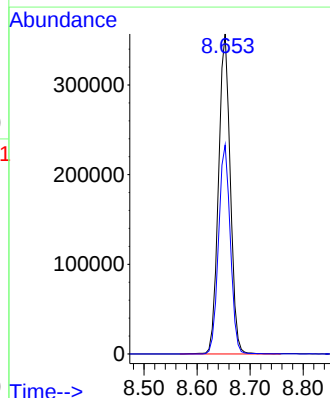
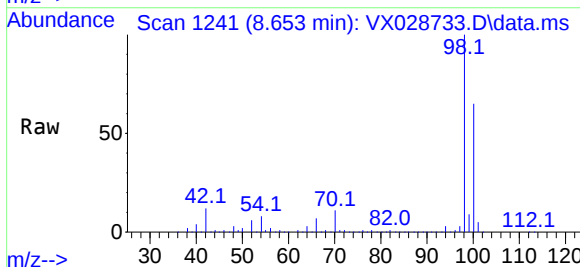
Acq: 16 May 2022 15:55

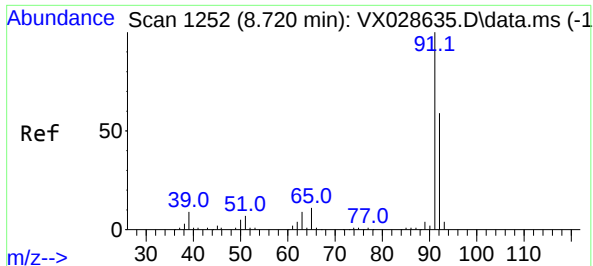
Tgt Ion: 98 Resp: 551008

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

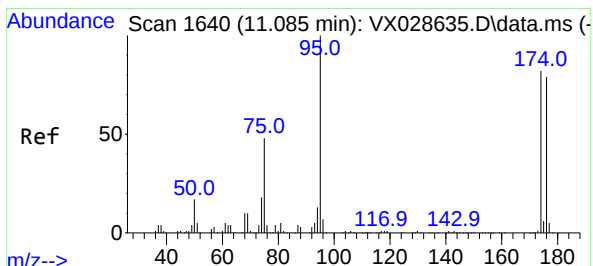
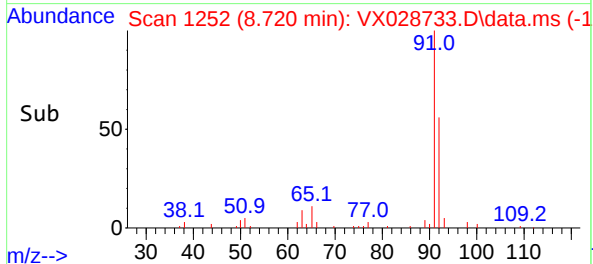
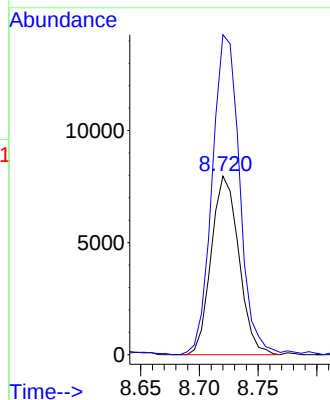
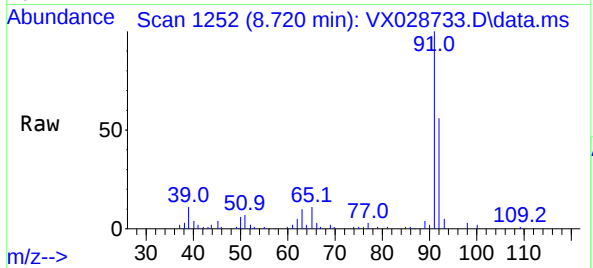




#52
Toluene
Concen: 1.586 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

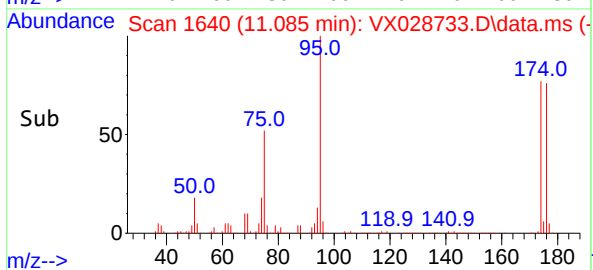
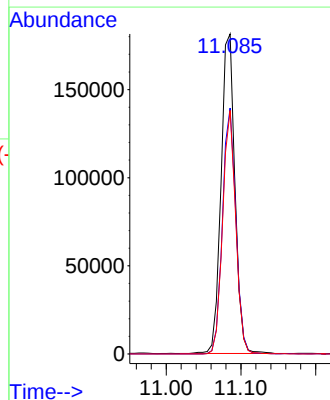
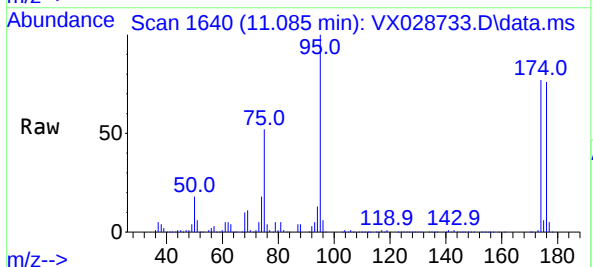
Instrument :
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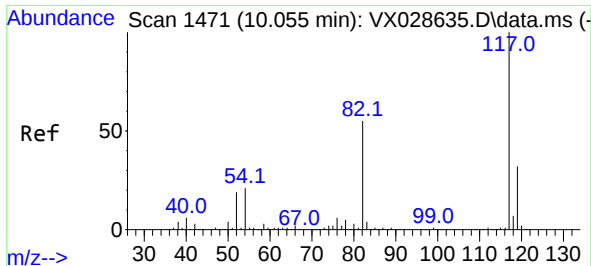
Tgt Ion: 92 Resp: 13019
Ion Ratio Lower Upper
92 100
91 179.6 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 56.295 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion: 95 Resp: 234413
Ion Ratio Lower Upper
95 100
174 74.1 0.0 163.0
176 72.0 0.0 155.0

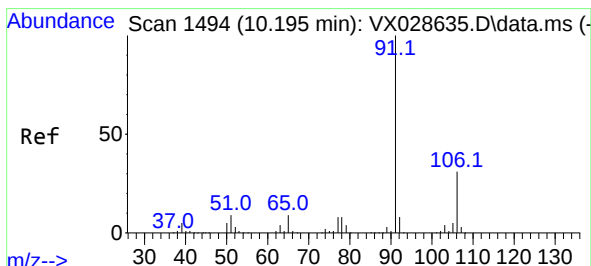
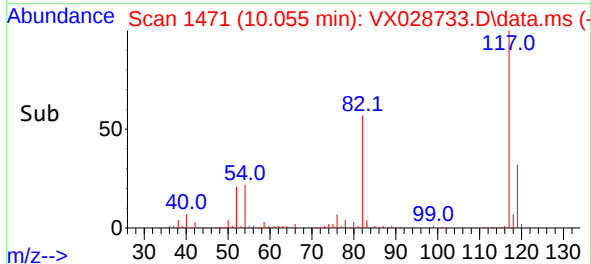
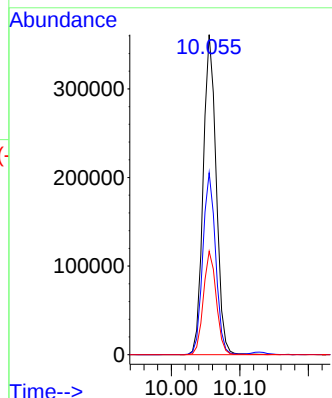
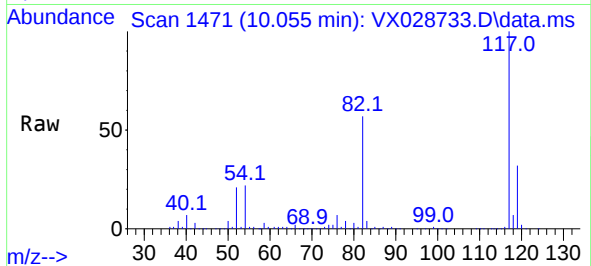




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

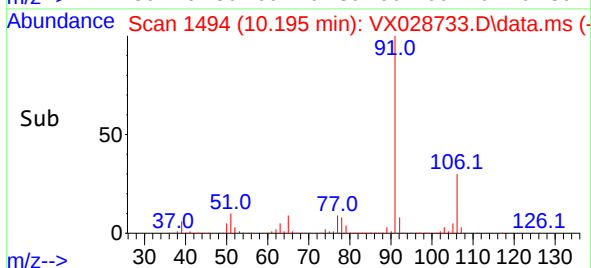
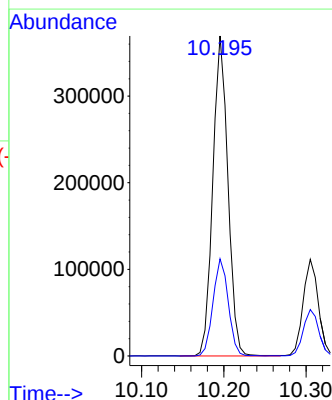
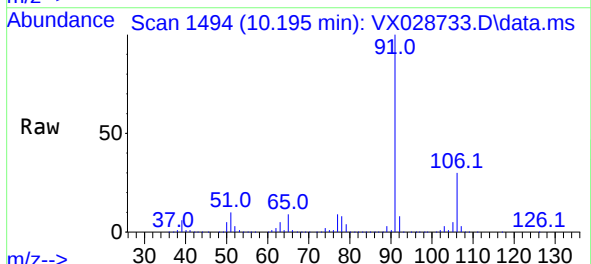
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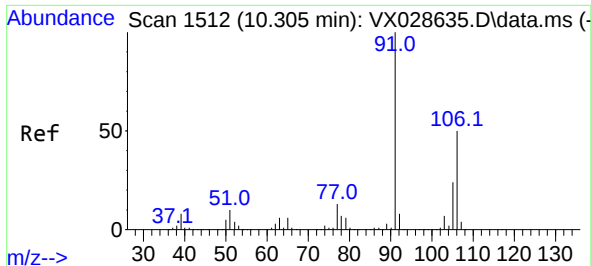
Tgt Ion:117 Resp: 477088
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 32.3 24.8 37.2



#67
Ethyl Benzene
Concen: 25.927 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion: 91 Resp: 470342
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

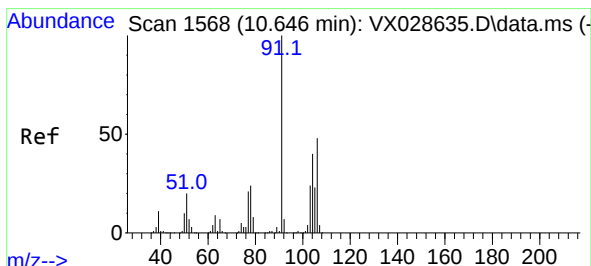
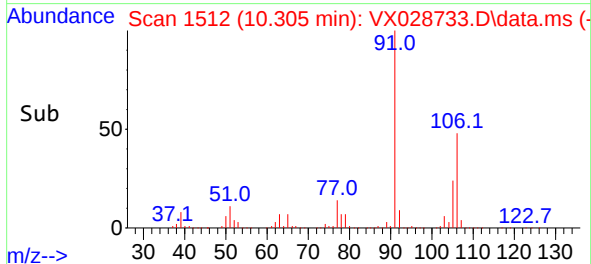
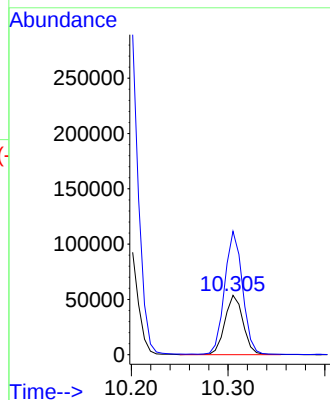
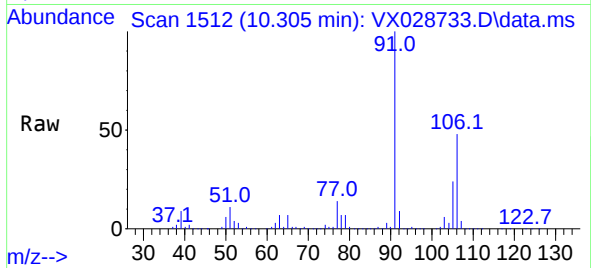




#68
m/p-Xylenes
Concen: 9.895 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

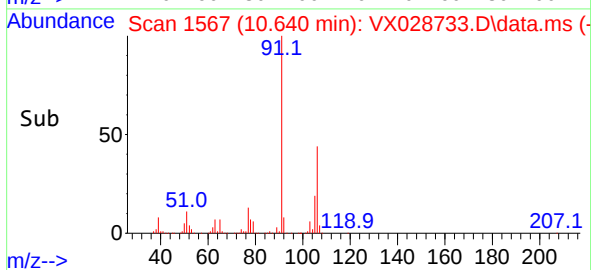
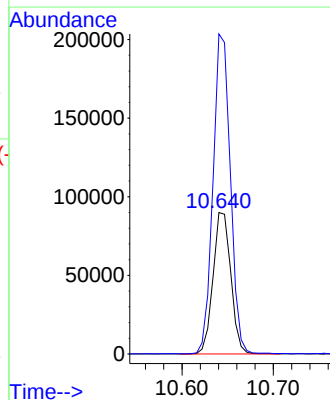
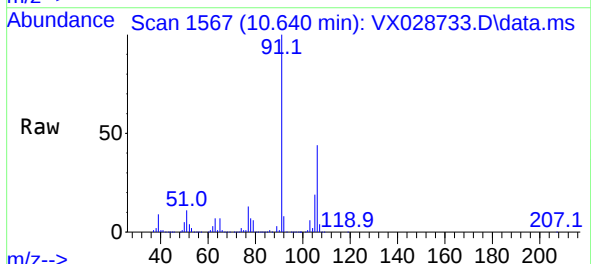
Instrument :
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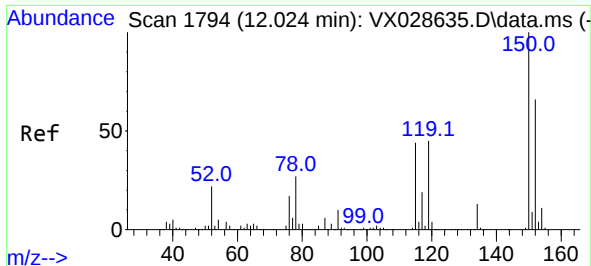
Tgt Ion:106 Resp: 69890
Ion Ratio Lower Upper
106 100
91 205.2 160.4 240.6



#69
o-Xylene
Concen: 17.459 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion:106 Resp: 121402
Ion Ratio Lower Upper
106 100
91 221.0 106.1 318.1

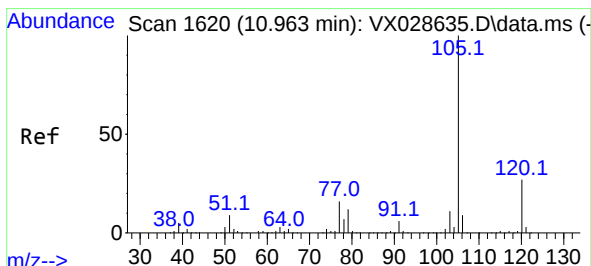
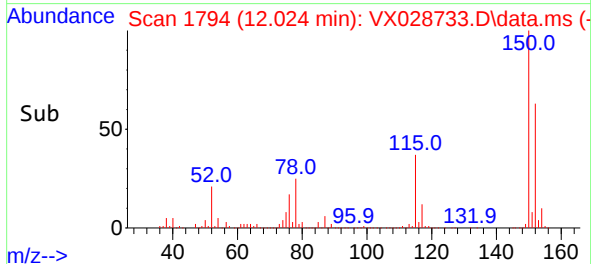
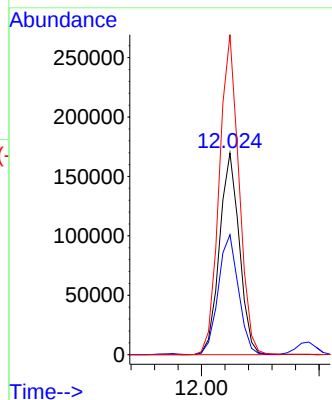
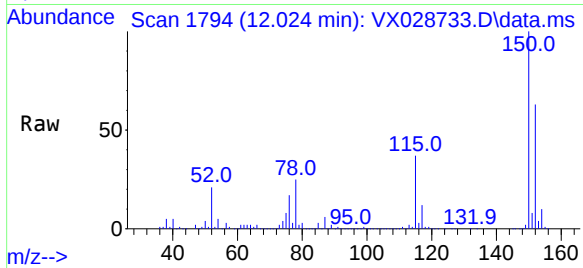




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

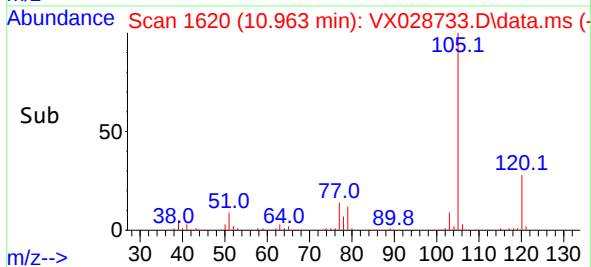
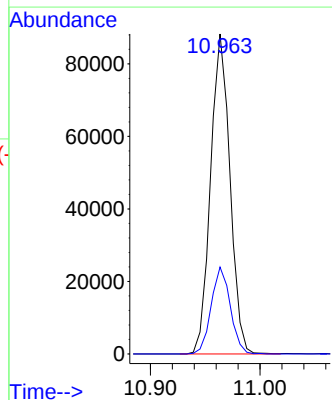
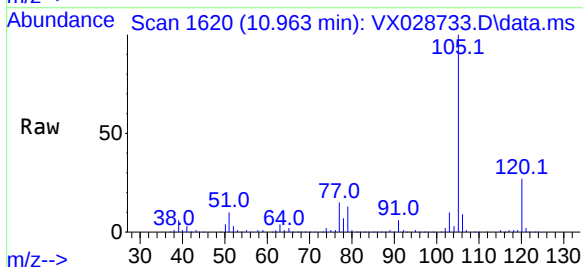
Instrument :
MSVOA_X
ClientSampleId :
MW-6R

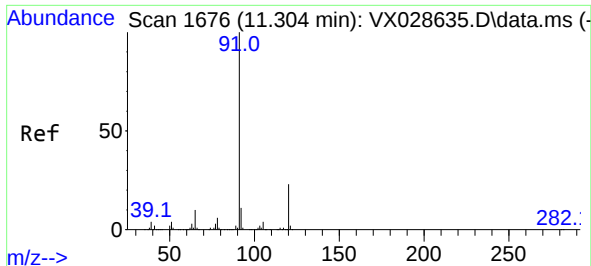
Tgt Ion:152 Resp: 198794
Ion Ratio Lower Upper
152 100
115 60.6 37.5 112.7
150 158.1 0.0 338.2



#73
Isopropylbenzene
Concen: 7.185 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion:105 Resp: 108320
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5

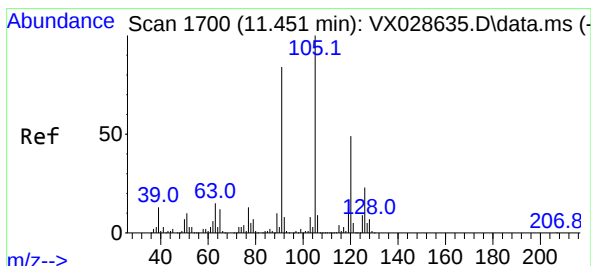
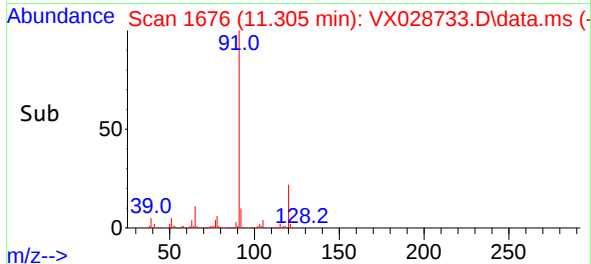
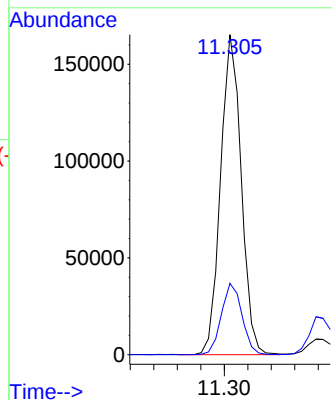
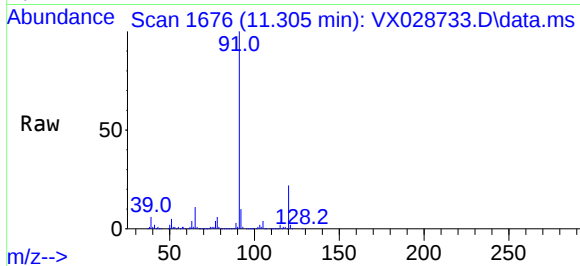




#78
n-propylbenzene
Concen: 11.578 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

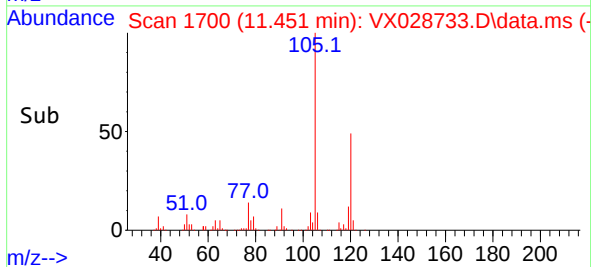
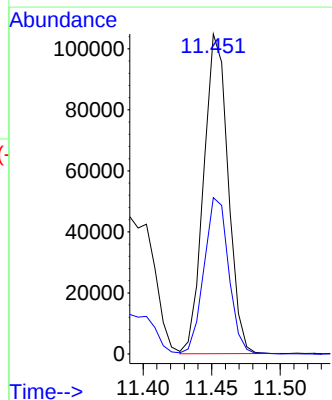
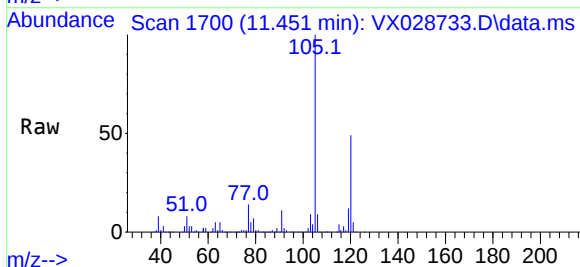
Instrument :
MSVOA_X
ClientSampleId :
MW-6R

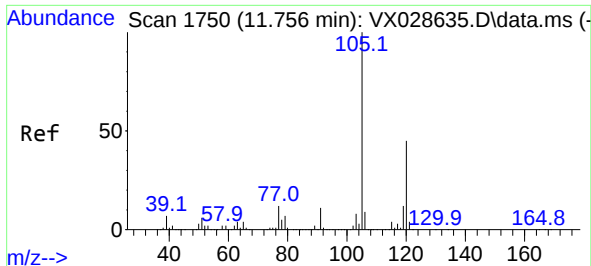
Tgt Ion: 91 Resp: 201899
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 10.315 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion:105 Resp: 129572
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.9

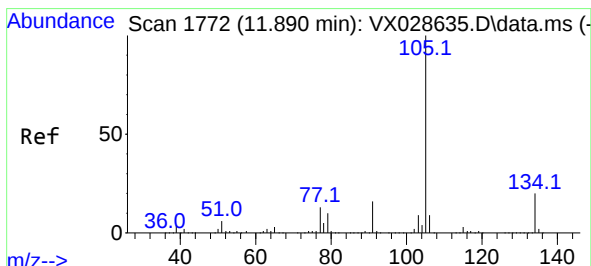
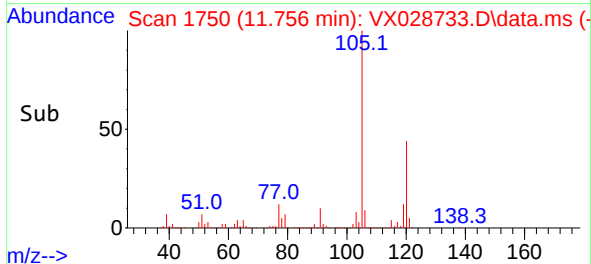
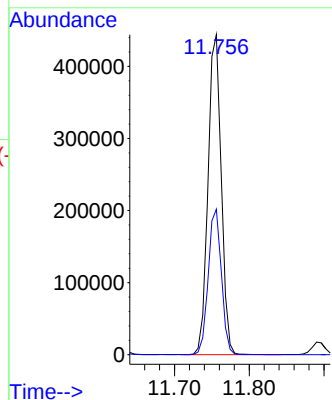
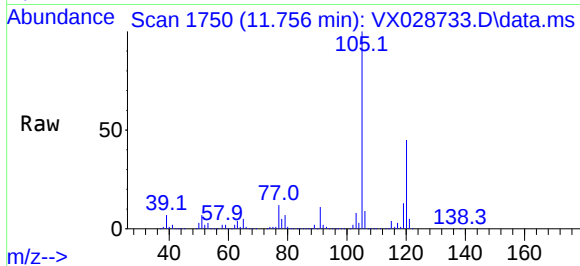




#84
1,2,4-Trimethylbenzene
Concen: 43.234 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

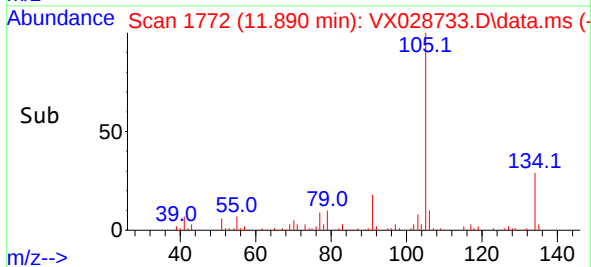
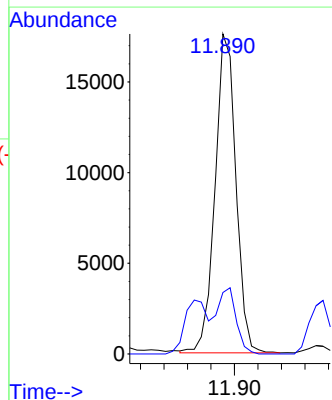
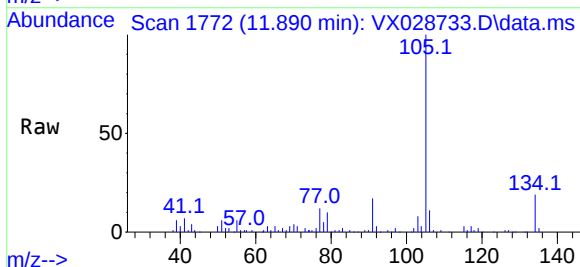
Instrument :
MSVOA_X
ClientSampleId :
MW-6R

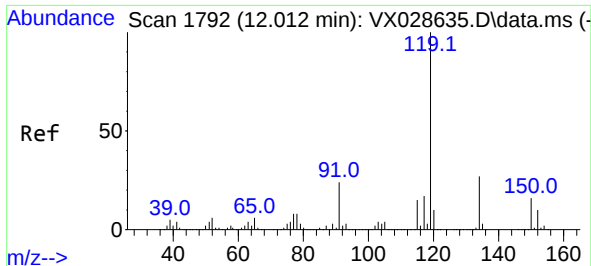
Tgt Ion:105 Resp: 544611
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8



#85
sec-Butylbenzene
Concen: 1.445 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Tgt Ion:105 Resp: 21674
Ion Ratio Lower Upper
105 100
134 19.1 10.2 30.4

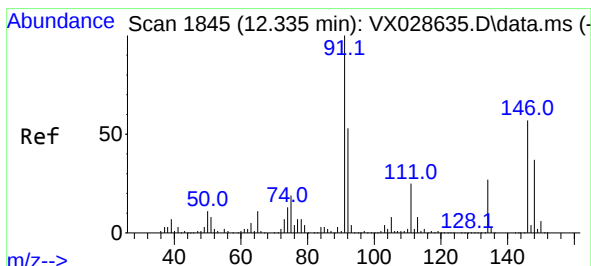
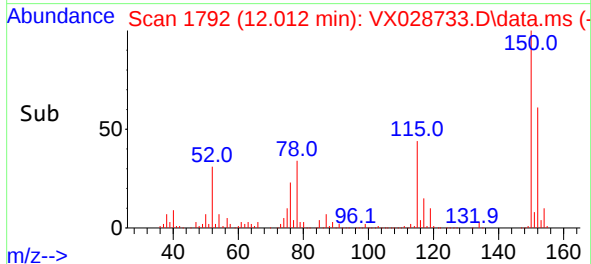
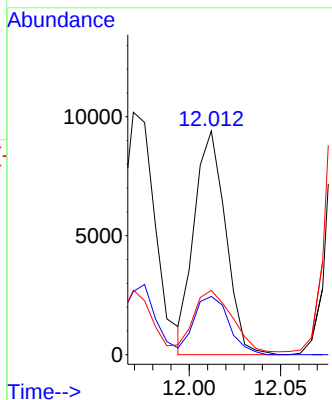
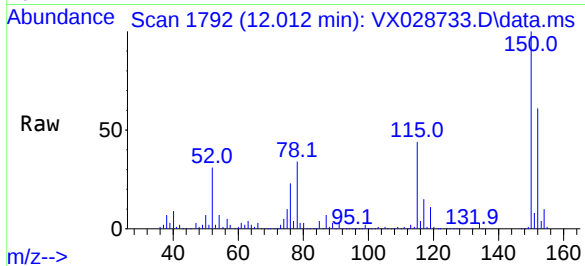




#86
p-Isopropyltoluene
Concen: 0.892 ug/l
RT: 12.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

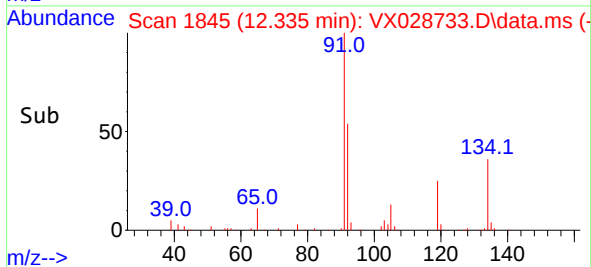
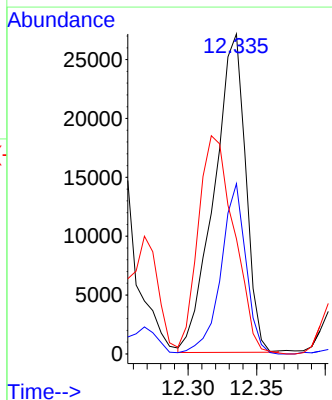
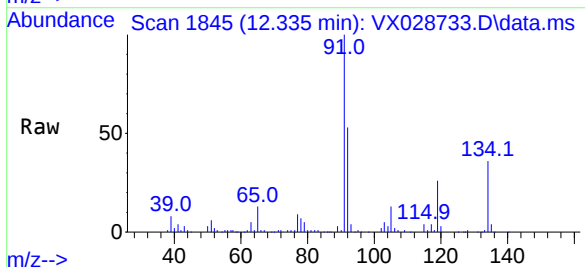
Instrument :
MSVOA_X
ClientSampleId :
MW-6R

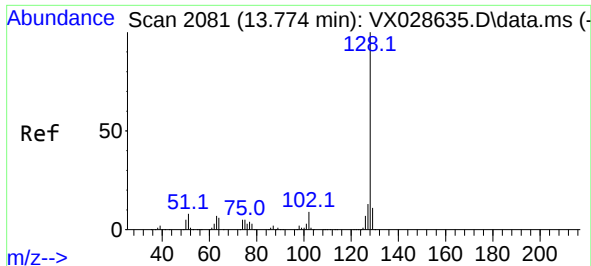
Tgt Ion:119 Resp: 11228
Ion Ratio Lower Upper
119 100
134 29.1 13.0 39.0
91 33.7 11.3 33.9



#89
n-Butylbenzene
Concen: 3.954 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

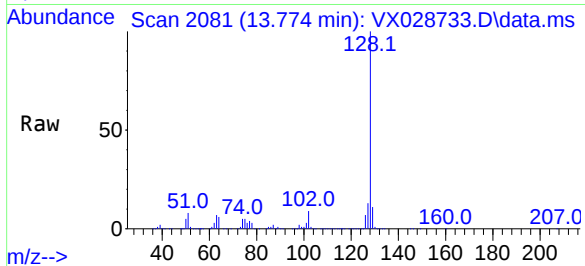
Tgt Ion: 91 Resp: 43131
Ion Ratio Lower Upper
91 100
92 42.7 27.8 83.3
134 78.4 13.3 39.8#





#95
Naphthalene
Concen: 47.698 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028733.D
Acq: 16 May 2022 15:55

Instrument :
MSVOA_X
ClientSampleId :
MW-6R



Tgt Ion:128 Resp: 673790
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.7 13.1

