

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028674.D
 Acq On : 13 May 2022 13:46
 Operator : JC/MD
 Sample : N2799-02DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2ADL

Quant Time: May 16 02:20:22 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)

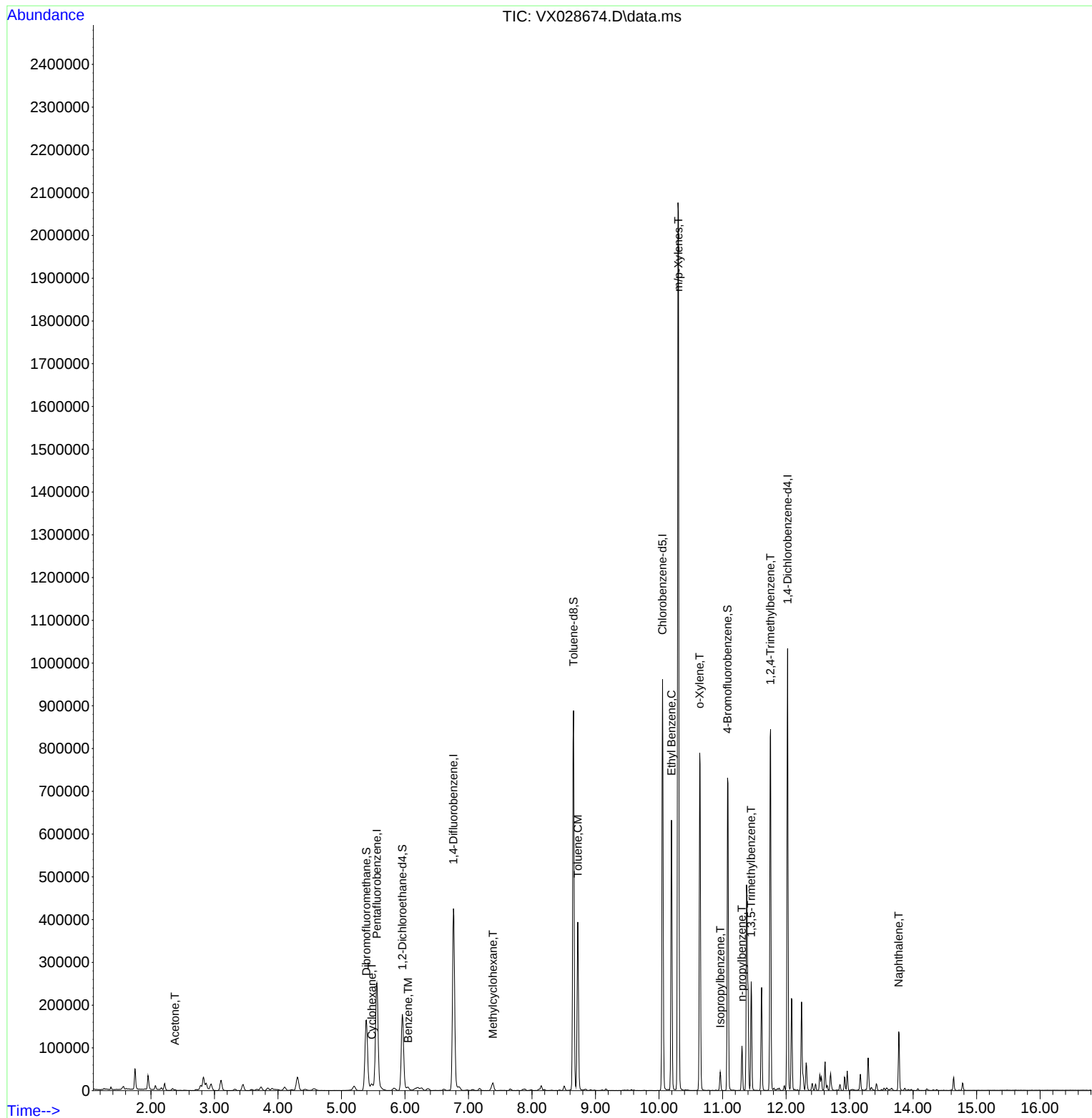
Internal Standards						
1) Pentafluorobenzene	5.556	168	233412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	428280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169282	52.908	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.820%	
35) Dibromofluoromethane	5.391	113	143053	50.981	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.960%	
50) Toluene-d8	8.653	98	518324	48.994	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	11.079	95	195680	49.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.040%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1737	1.265	ug/l #	79
31) Cyclohexane	5.477	56	9909	2.231	ug/l #	88
39) Methylcyclohexane	7.385	83	7119	1.473	ug/l #	79
40) Benzene	6.050	78	9084	0.750	ug/l	92
52) Toluene	8.720	92	145982	18.735	ug/l	98
67) Ethyl Benzene	10.195	91	346850	22.205	ug/l	100
68) m/p-Xylenes	10.305	106	493986	81.227	ug/l	99
69) o-Xylene	10.640	106	169973	28.388	ug/l	98
73) Isopropylbenzene	10.963	105	21488	1.474	ug/l	97
78) n-propylbenzene	11.305	91	62727	3.719	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	109844	9.040	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	374160	30.709	ug/l	100
95) Naphthalene	13.774	128	85457	6.254	ug/l	100

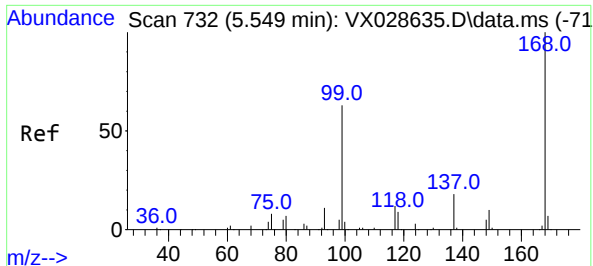
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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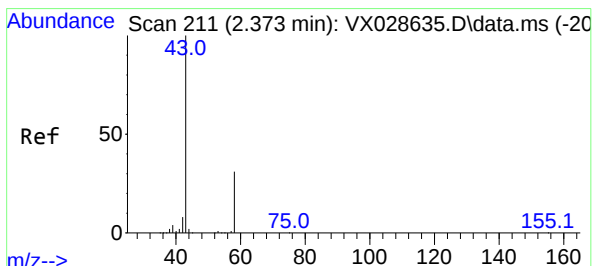
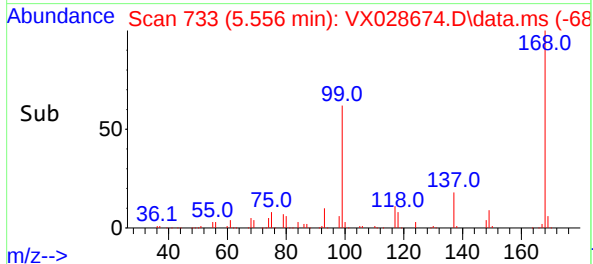
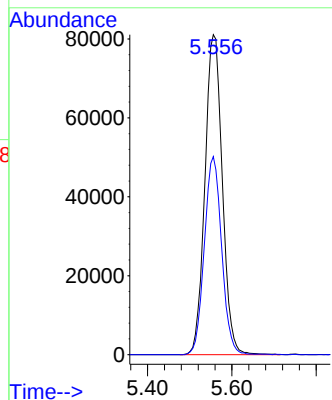
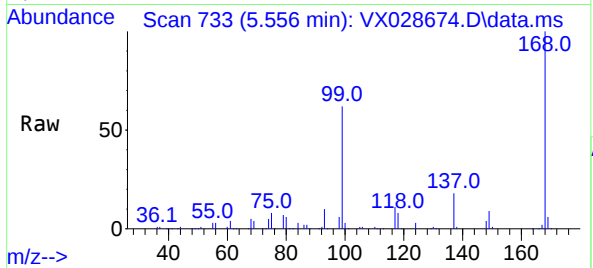




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

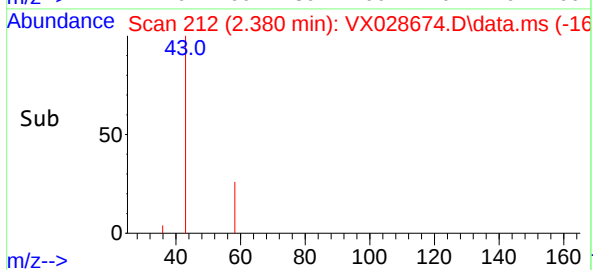
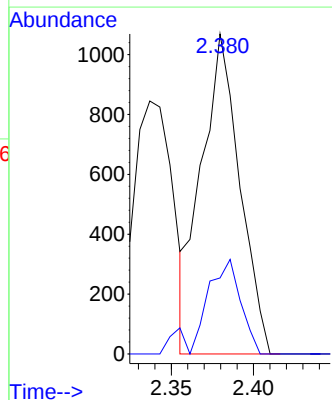
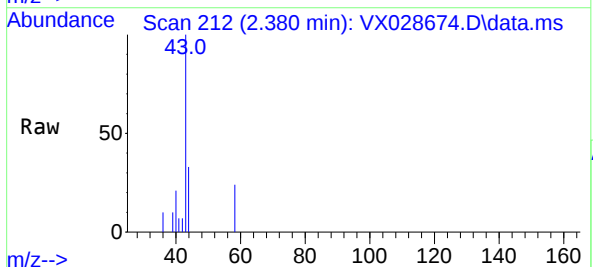
Instrument :
MSVOA_X
ClientSampleId :
MW-2ADL

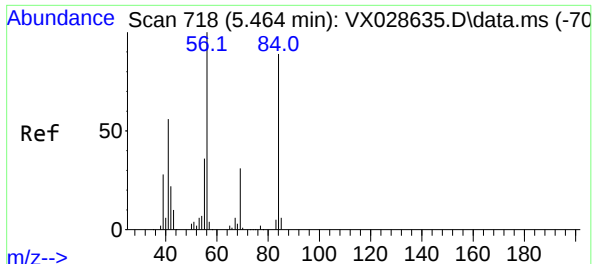
Tgt Ion:168 Resp: 233412
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#16
Acetone
Concen: 1.265 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
58 23.8 28.8 43.2#

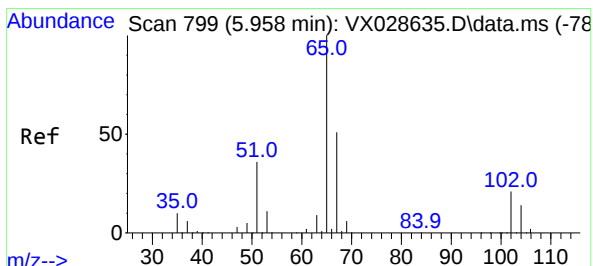
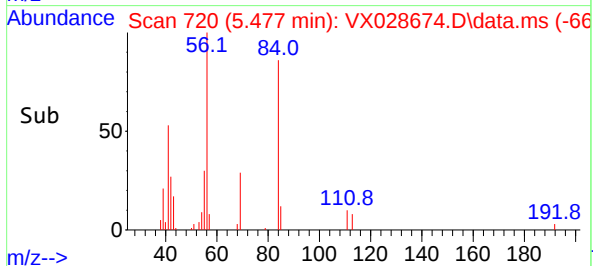
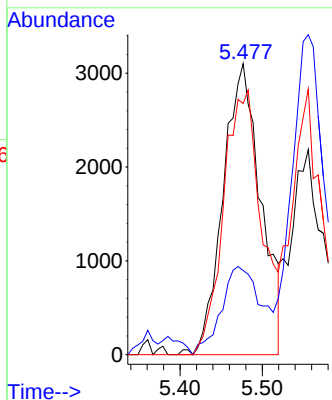
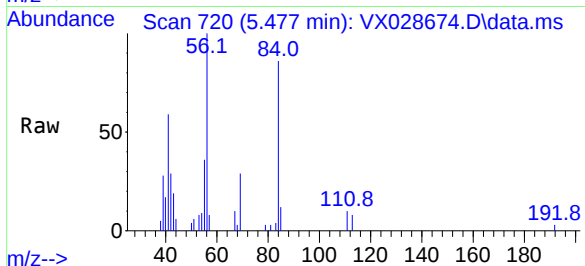




#31
Cyclohexane
Concen: 2.231 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

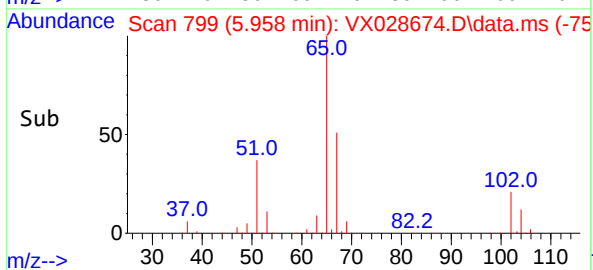
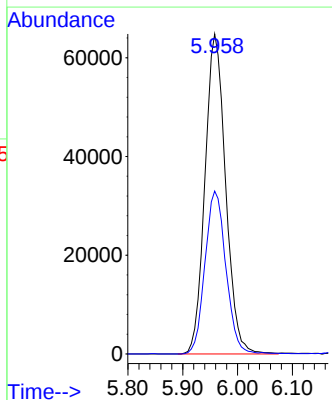
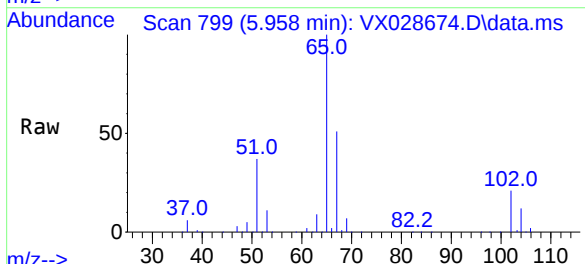
Instrument :
MSVOA_X
ClientSampleId :
MW-2ADL

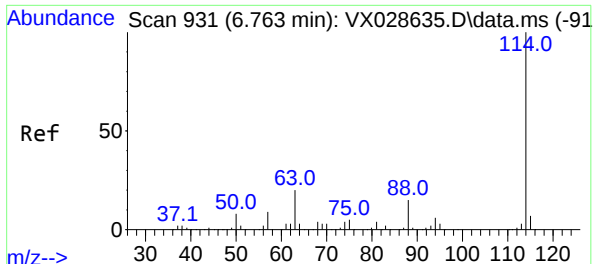
Tgt Ion: 56 Resp: 9909
Ion Ratio Lower Upper
56 100
69 24.2 26.7 40.1#
84 86.3 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 52.908 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion: 65 Resp: 169282
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

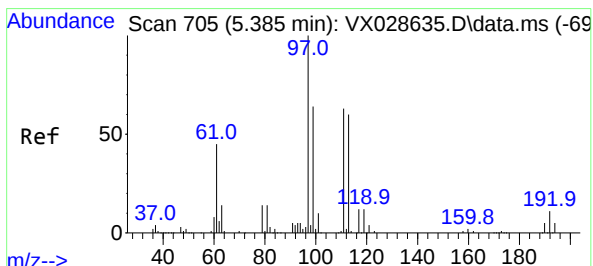
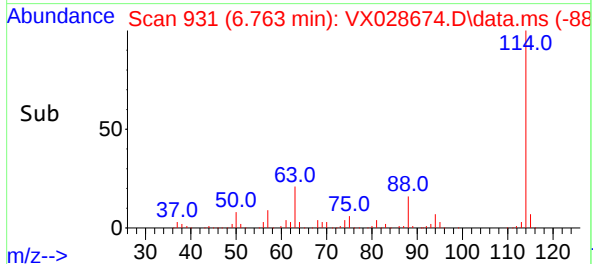
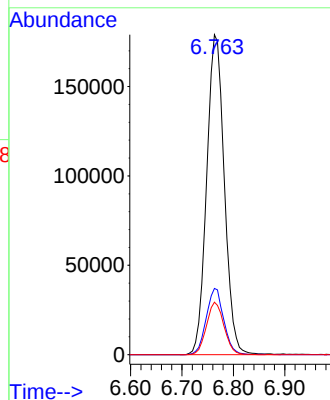
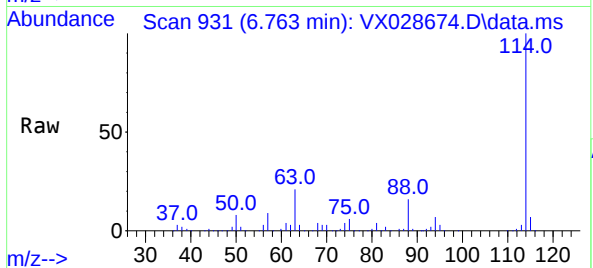




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

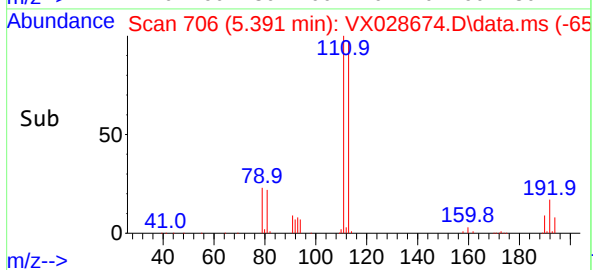
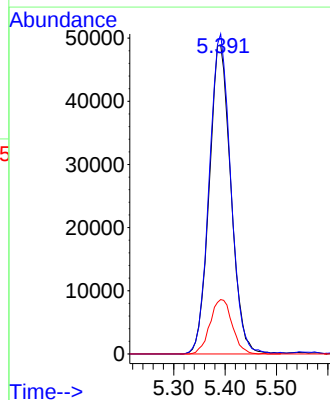
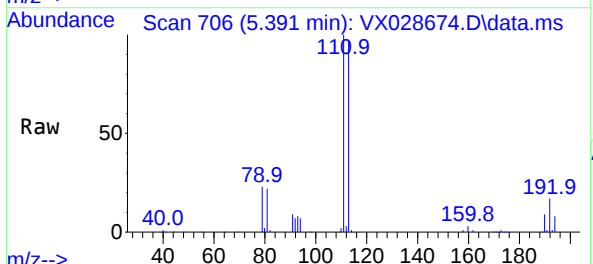
Instrument :
MSVOA_X
ClientSampleId :
MW-2ADL

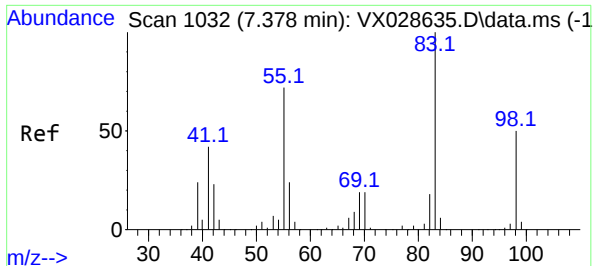
Tgt Ion:114 Resp: 428280
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.981 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion:113 Resp: 143053
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.0 16.9 25.3





#39

Methylcyclohexane

Concen: 1.473 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.007 min

Lab File: VX028674.D

Acq: 13 May 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

MW-2ADL

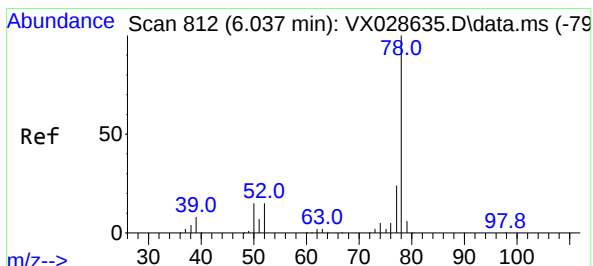
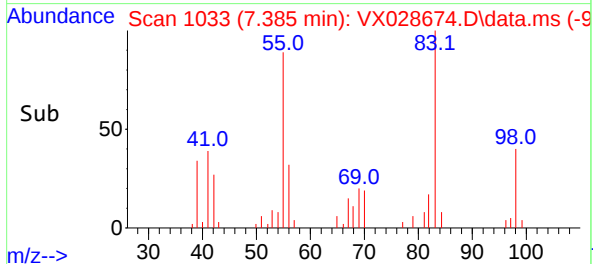
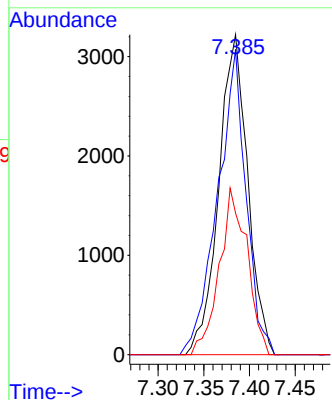
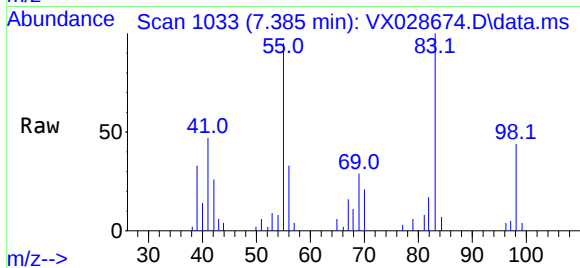
Tgt Ion: 83 Resp: 7119

Ion Ratio Lower Upper

83 100

55 95.3 54.6 81.8#

98 44.2 37.4 56.2



#40

Benzene

Concen: 0.750 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.013 min

Lab File: VX028674.D

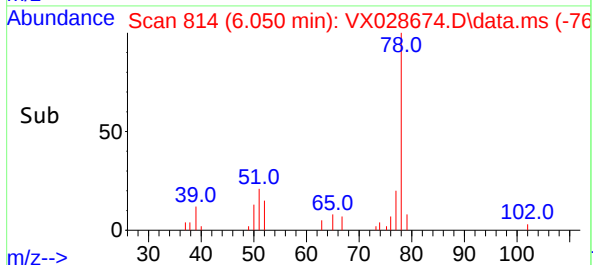
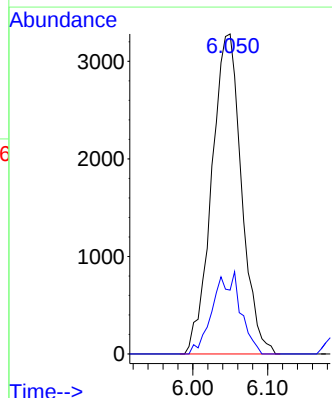
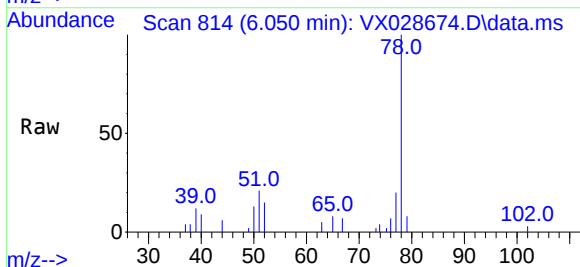
Acq: 13 May 2022 13:46

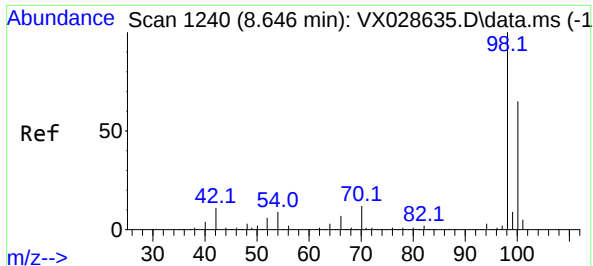
Tgt Ion: 78 Resp: 9084

Ion Ratio Lower Upper

78 100

77 20.0 19.3 28.9

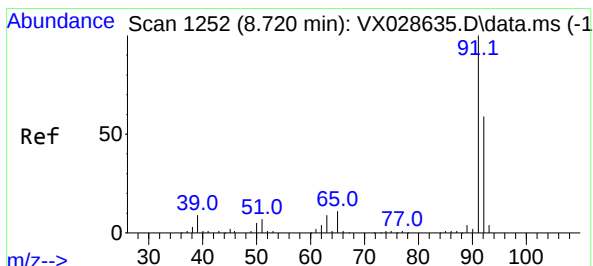
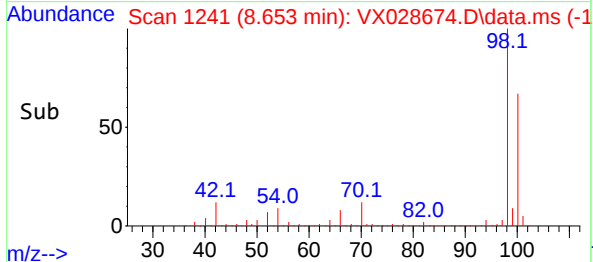
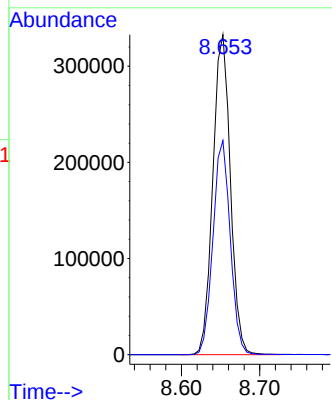
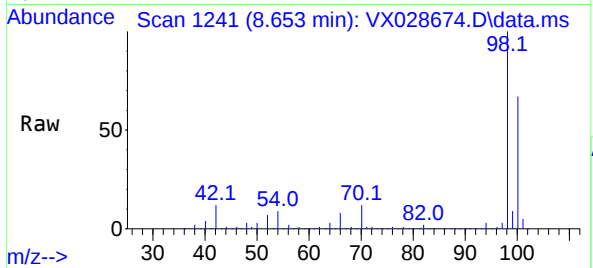




#50
Toluene-d8
Concen: 48.994 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

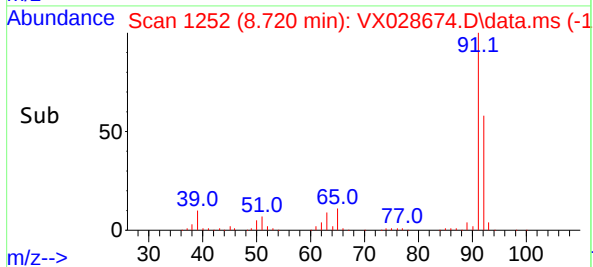
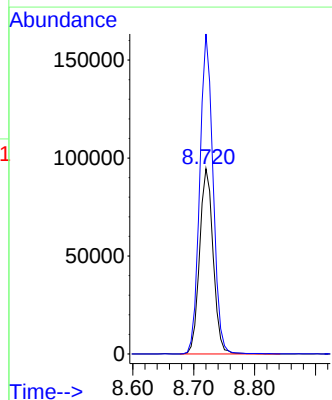
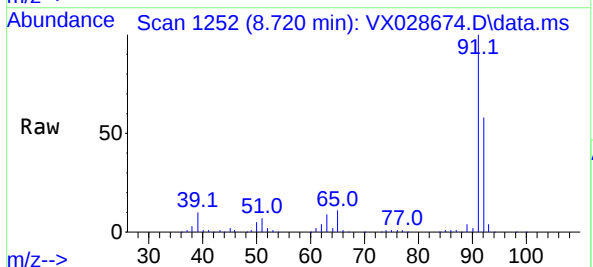
Instrument :
MSVOA_X
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MW-2ADL

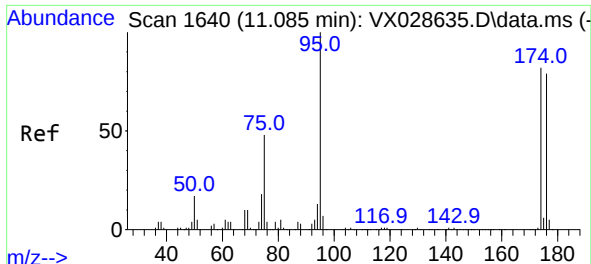
Tgt Ion: 98 Resp: 518324
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#52
Toluene
Concen: 18.735 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion: 92 Resp: 145982
Ion Ratio Lower Upper
92 100
91 169.4 137.5 206.3

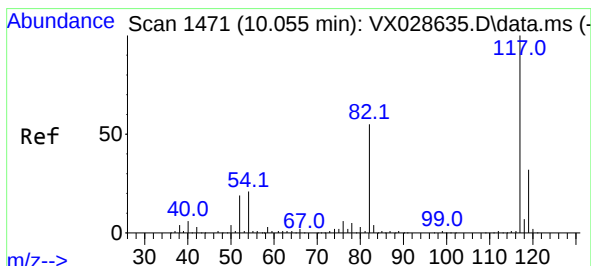
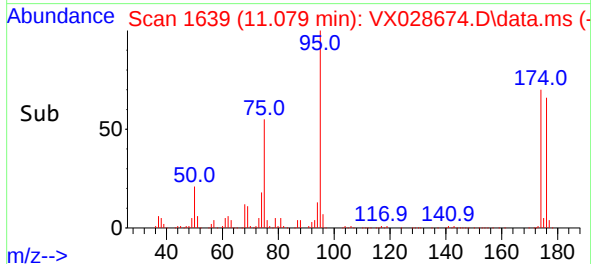
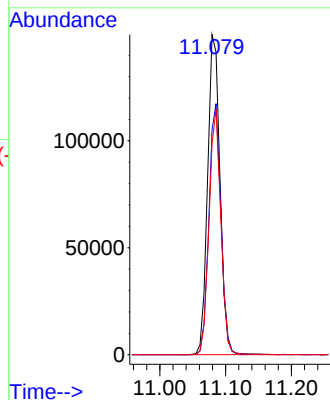
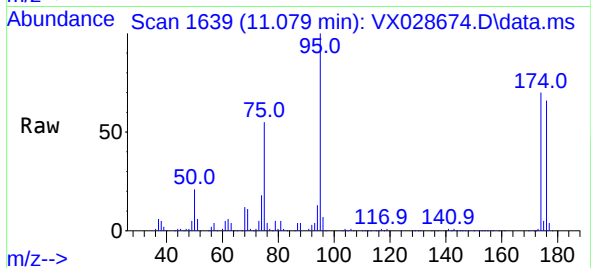




#62
4-Bromofluorobenzene
Concen: 49.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

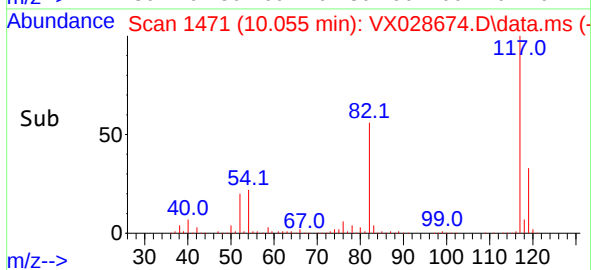
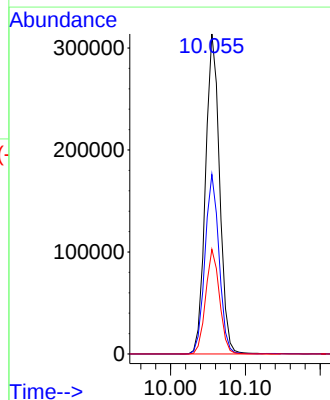
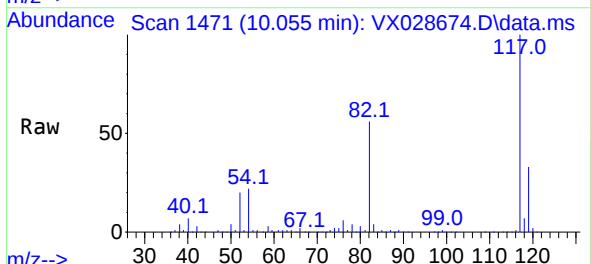
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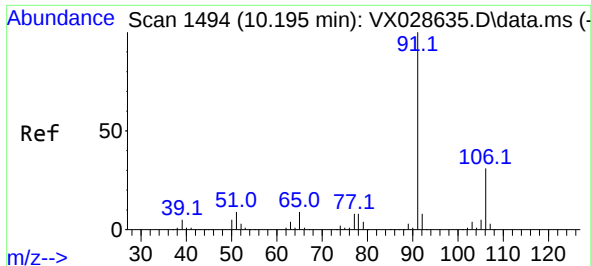
Tgt Ion: 95 Resp: 195680
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 73.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion: 117 Resp: 410803
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.7 24.8 37.2

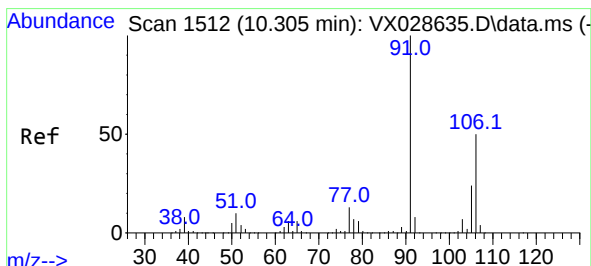
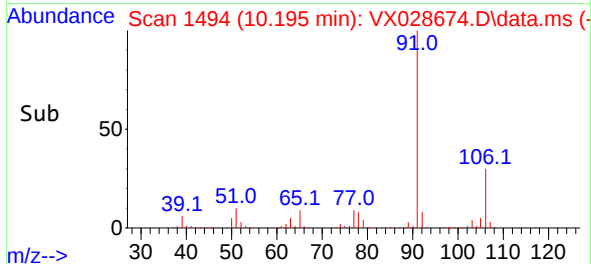
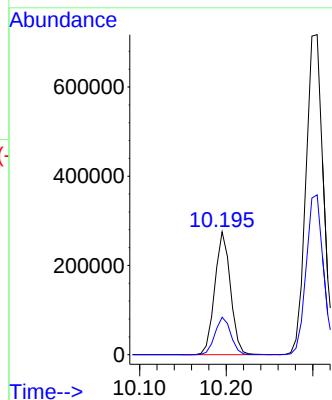
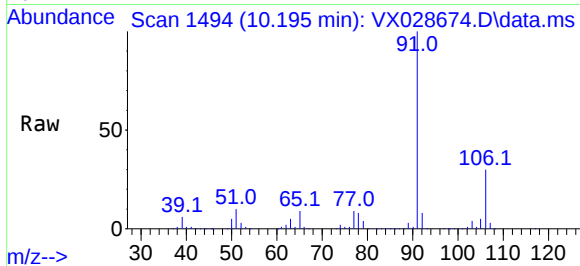




#67
Ethyl Benzene
Concen: 22.205 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

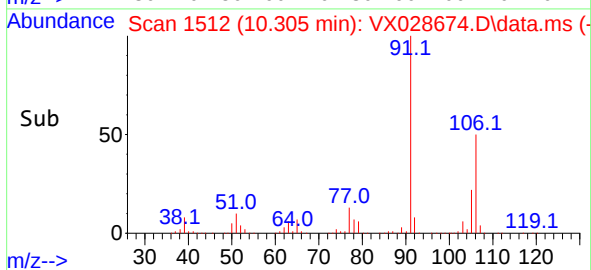
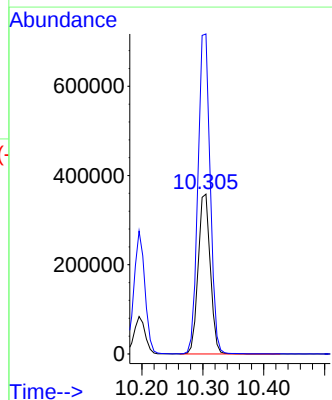
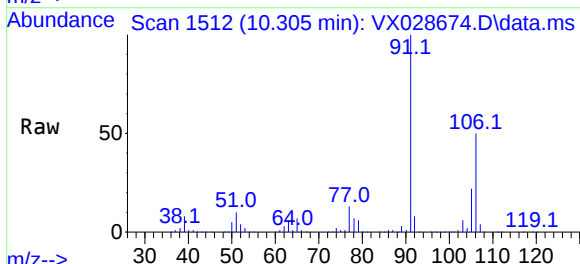
Instrument :
MSVOA_X
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MW-2ADL

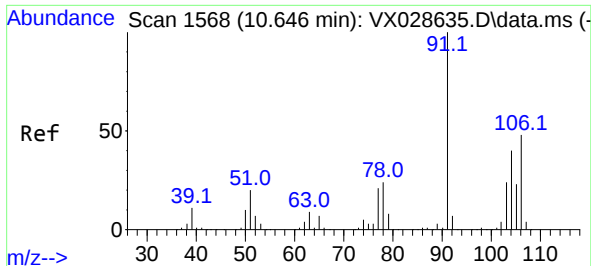
Tgt Ion: 91 Resp: 346850
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 81.227 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion: 106 Resp: 493986
Ion Ratio Lower Upper
106 100
91 201.7 160.4 240.6

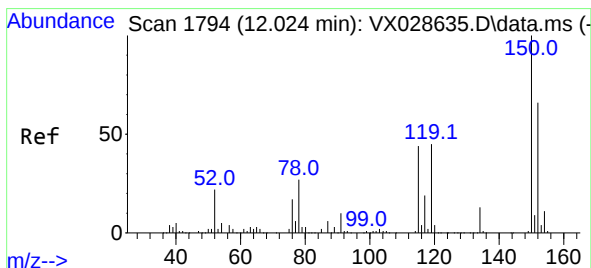
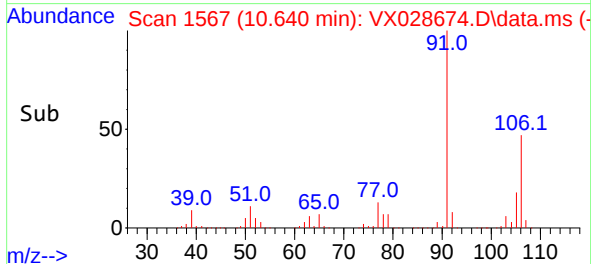
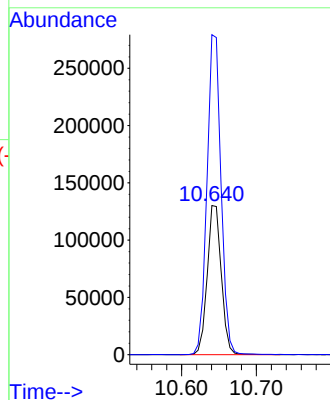
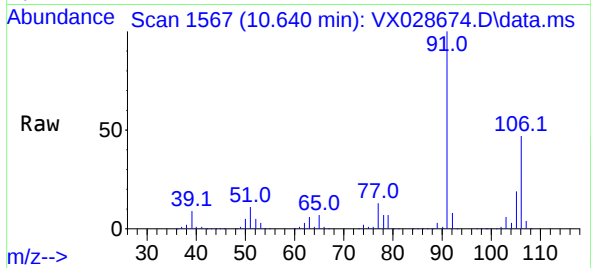




#69
o-Xylene
Concen: 28.388 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

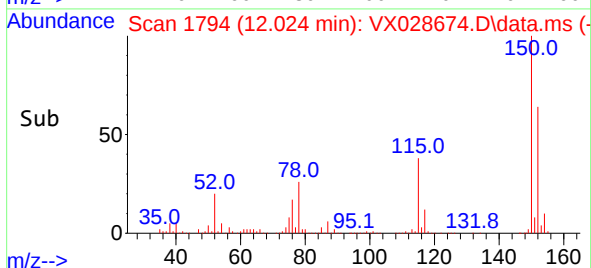
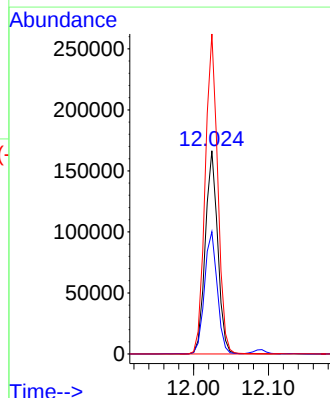
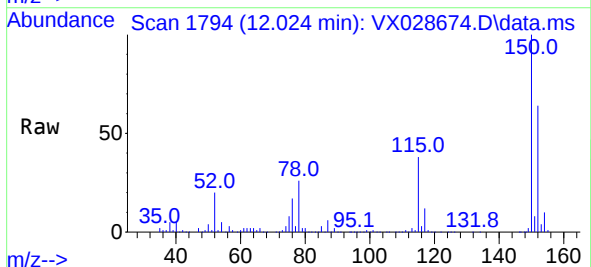
Instrument :
MSVOA_X
ClientSampleId :
MW-2ADL

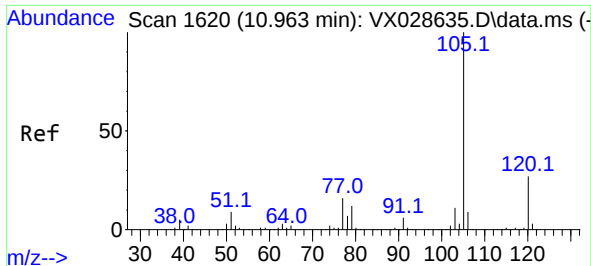
Tgt Ion:106 Resp: 169973
Ion Ratio Lower Upper
106 100
91 214.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion:152 Resp: 192283
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 158.8 0.0 338.2

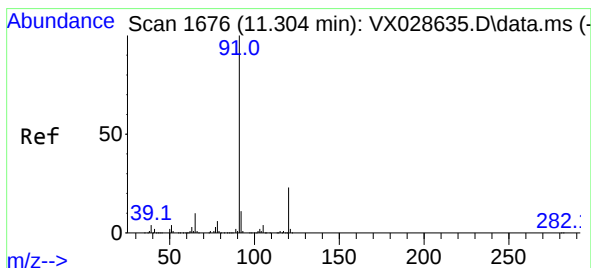
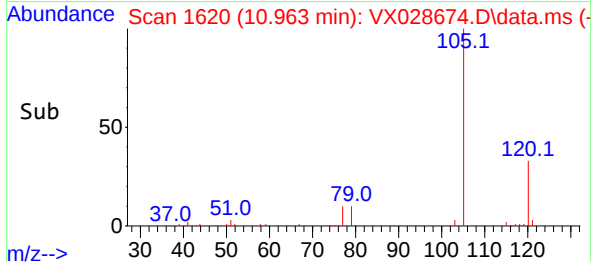
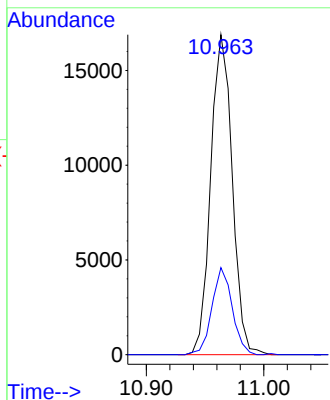
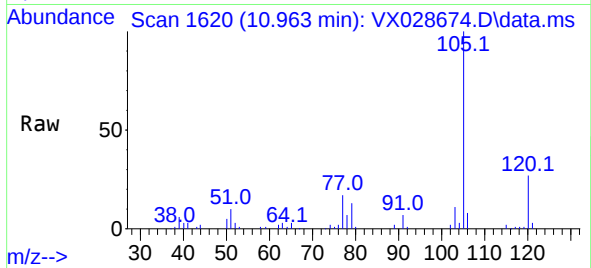




#73
Isopropylbenzene
Concen: 1.474 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

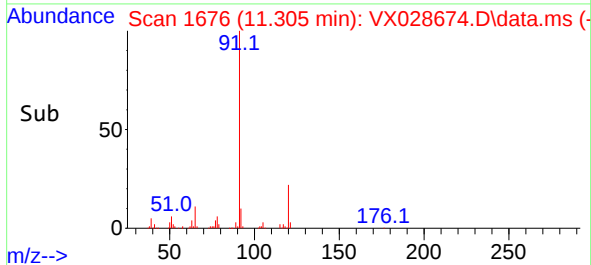
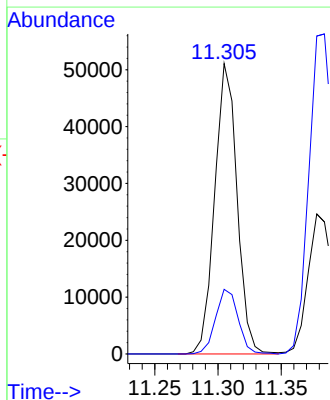
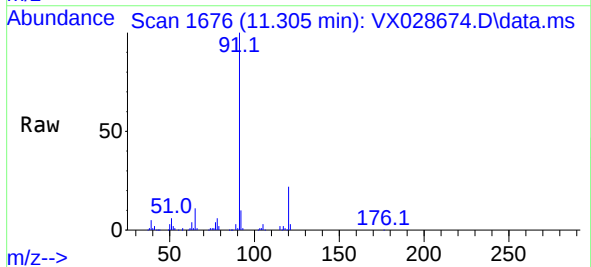
Instrument :
MSVOA_X
ClientSampleId :
MW-2ADL

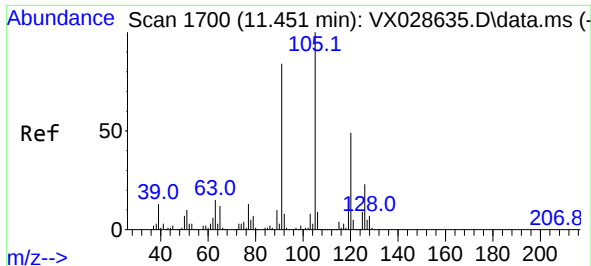
Tgt Ion:105 Resp: 21488
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.5



#78
n-propylbenzene
Concen: 3.719 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion: 91 Resp: 62727
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8

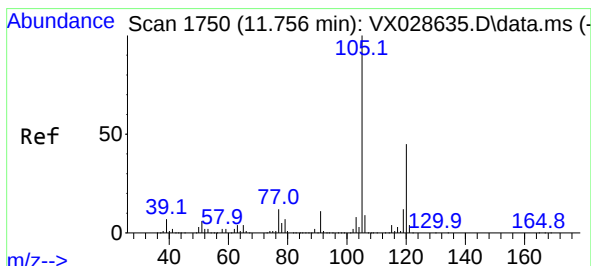
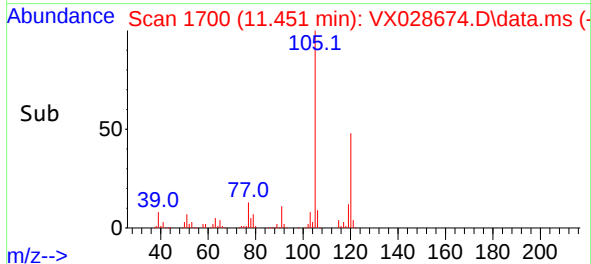
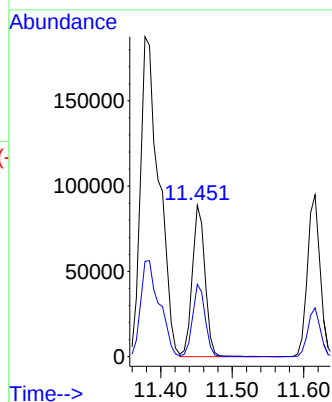
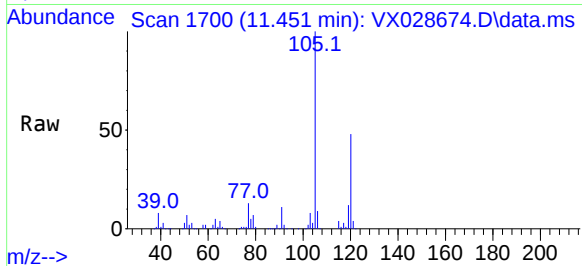




#80
1,3,5-Trimethylbenzene
Concen: 9.040 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

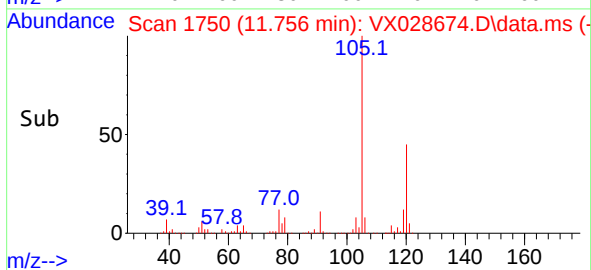
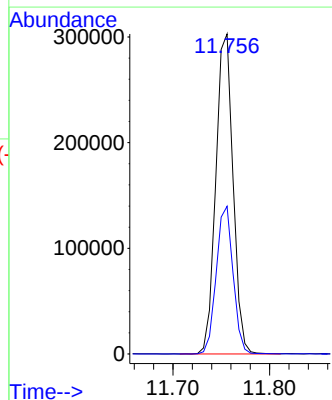
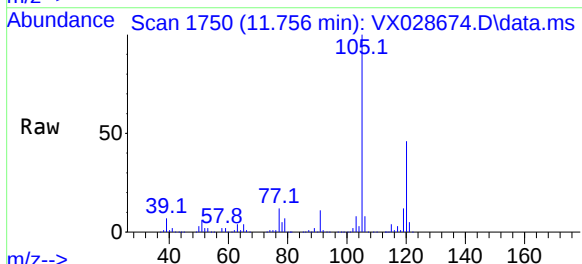
Instrument :
MSVOA_X
ClientSampleId :
MW-2ADL

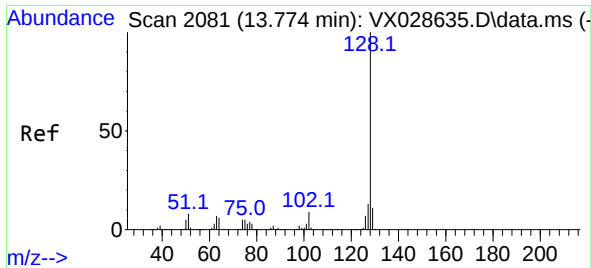
Tgt Ion:105 Resp: 109844
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 30.709 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Tgt Ion:105 Resp: 374160
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8





#95
Naphthalene
Concen: 6.254 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028674.D
Acq: 13 May 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
MW-2ADL

Tgt Ion:	128	Resp:	85457
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.1	8.7	13.1

