

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027625.D
 Acq On : 22 Mar 2022 19:26
 Operator : JC/MD
 Sample : N2028-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114D

Quant Time: Mar 23 01:50:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

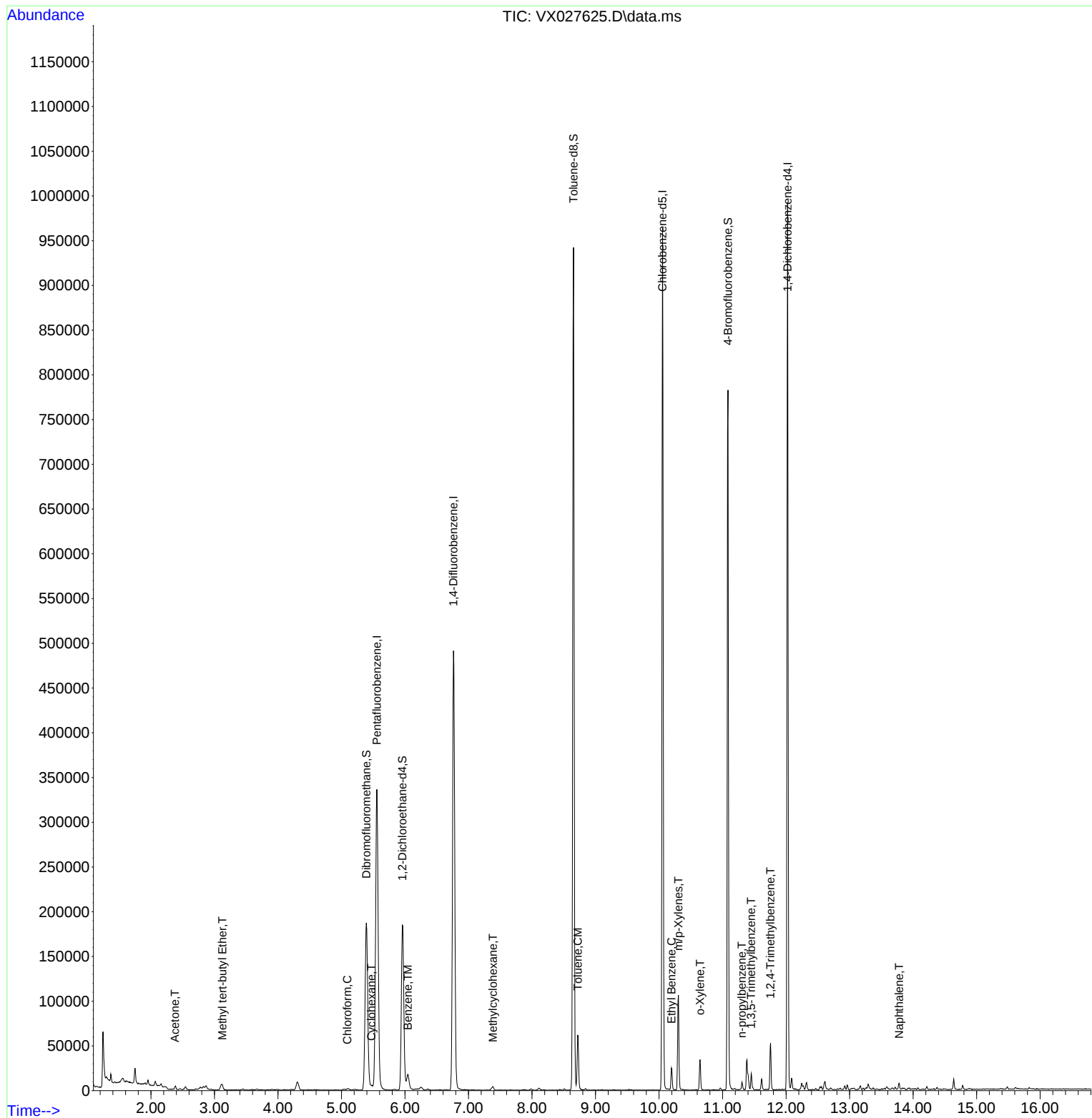
Internal Standards						
1) Pentafluorobenzene	5.556	168	347912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	553869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180598	42.137	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.280%
35) Dibromofluoromethane	5.391	113	169111	47.457	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.920%
50) Toluene-d8	8.653	98	600932	44.564	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.120%
62) 4-Bromofluorobenzene	11.085	95	216223	43.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.260%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4107	2.351	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	5629	0.516	ug/l #	87
30) Chloroform	5.092	83	2059	0.311	ug/l	95
31) Cyclohexane	5.470	56	2951	0.554	ug/l #	82
39) Methylcyclohexane	7.385	83	1856	0.303	ug/l	93
40) Benzene	6.043	78	21457	1.536	ug/l	94
52) Toluene	8.720	92	25724	2.748	ug/l	98
67) Ethyl Benzene	10.195	91	15580	0.935	ug/l	98
68) m/p-Xylenes	10.305	106	27713	4.226	ug/l	96
69) o-Xylene	10.646	106	8243	1.294	ug/l	100
78) n-propylbenzene	11.305	91	5079	0.298	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	8135	0.623	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	24485	1.879	ug/l	99
95) Naphthalene	13.780	128	5103	0.345	ug/l	97

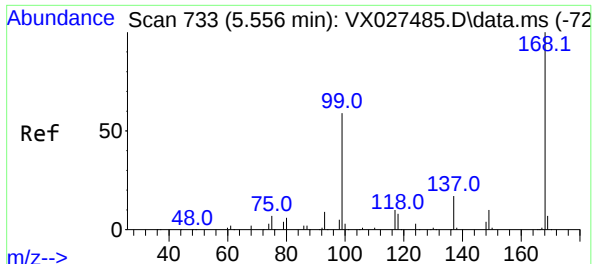
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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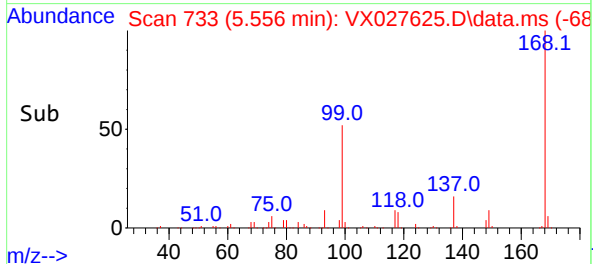
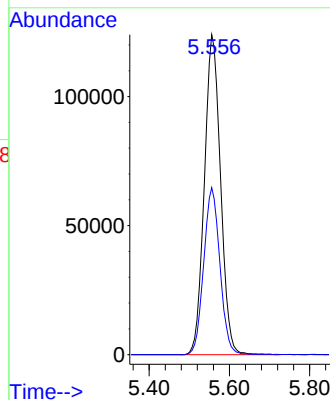
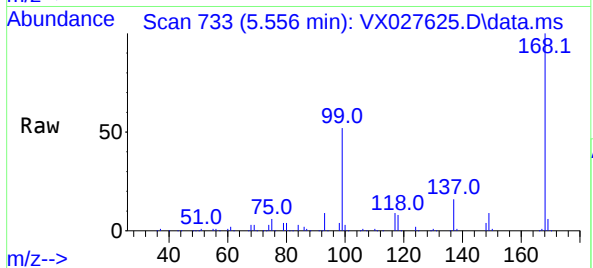




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

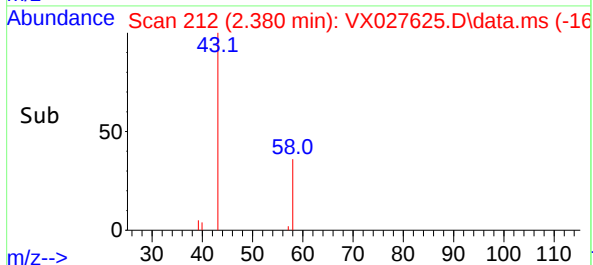
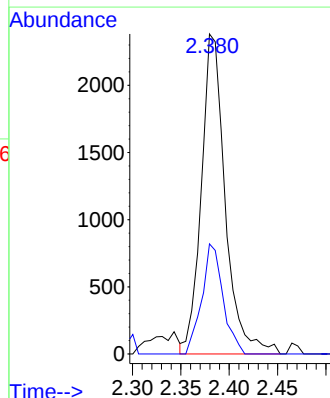
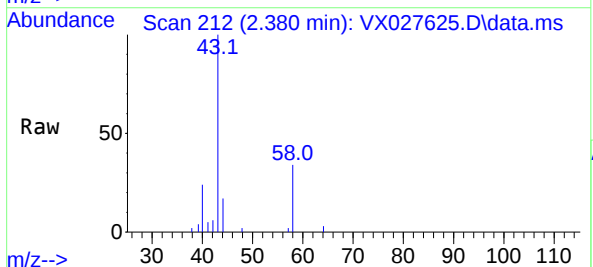
Instrument :
MSVOA_X
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MW-114D

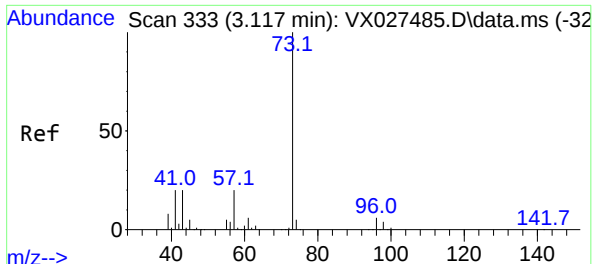
Tgt Ion:168 Resp: 347912
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#16
Acetone
Concen: 2.351 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion: 43 Resp: 4107
Ion Ratio Lower Upper
43 100
58 34.4 28.8 43.2

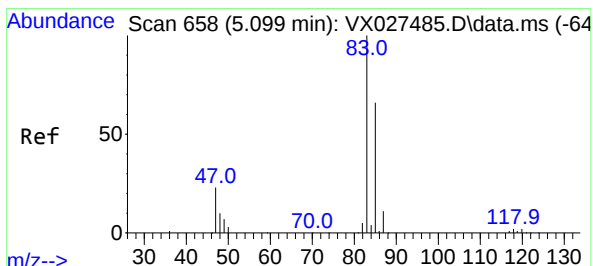
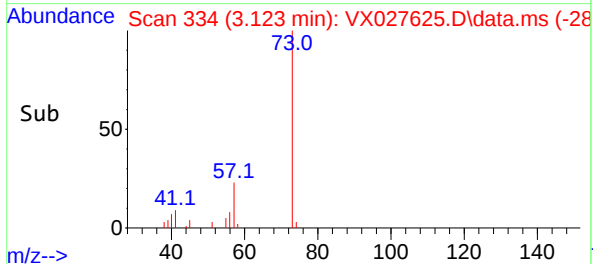
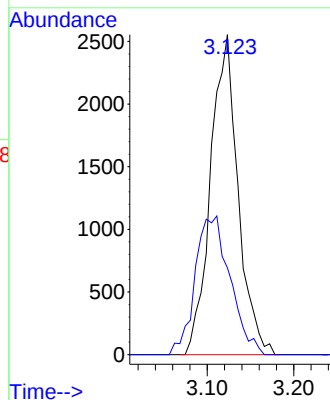
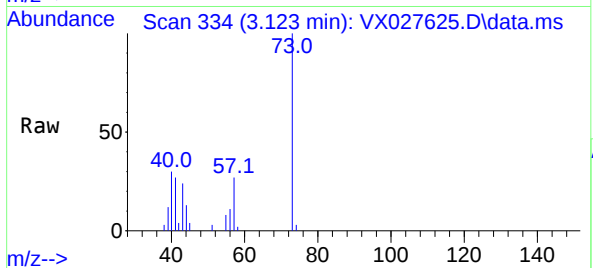




#19
Methyl tert-butyl Ether
Concen: 0.516 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

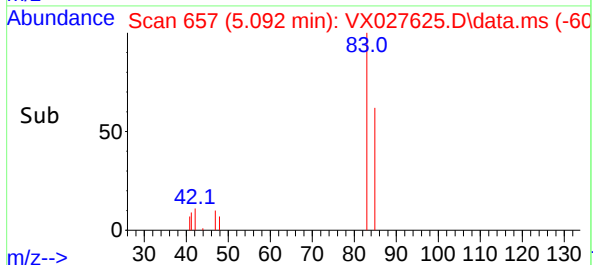
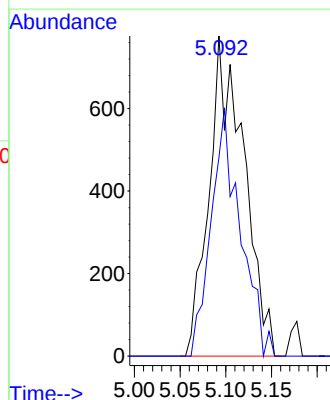
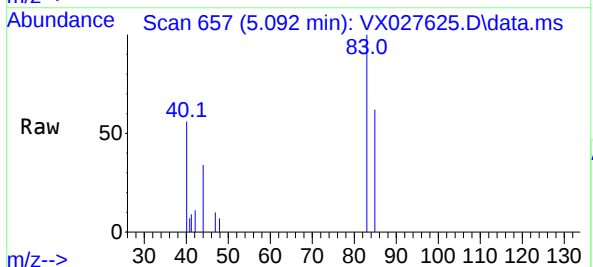
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

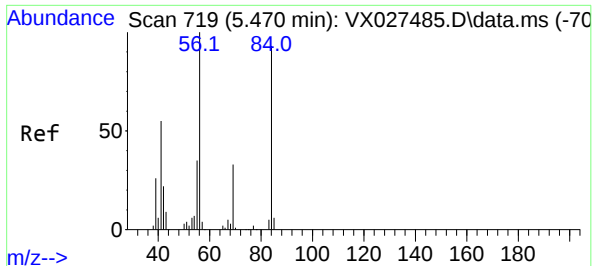
Tgt Ion: 73 Resp: 5629
Ion Ratio Lower Upper
73 100
57 27.1 16.8 25.2#



#30
Chloroform
Concen: 0.311 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion: 83 Resp: 2059
Ion Ratio Lower Upper
83 100
85 62.0 52.7 79.1

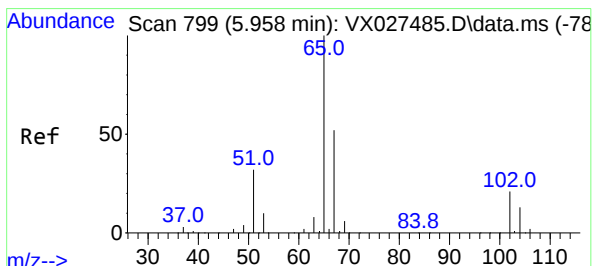
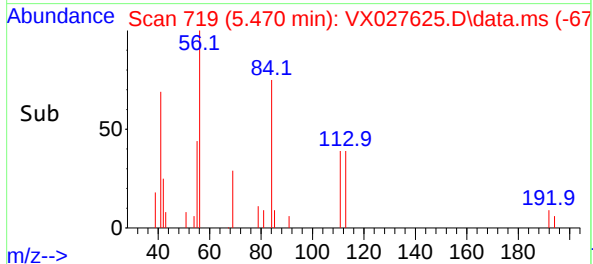
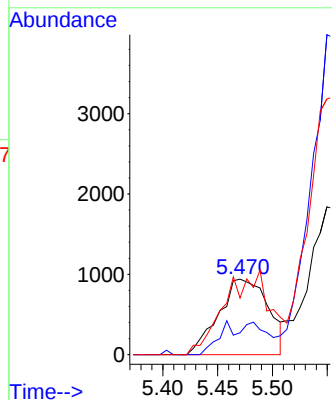
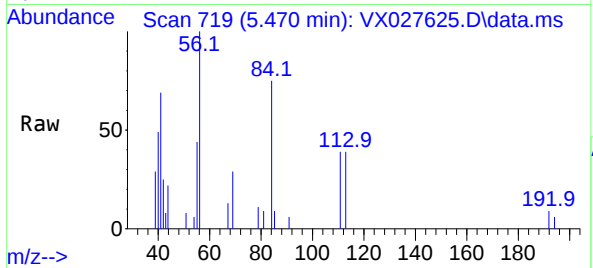




#31
Cyclohexane
Concen: 0.554 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

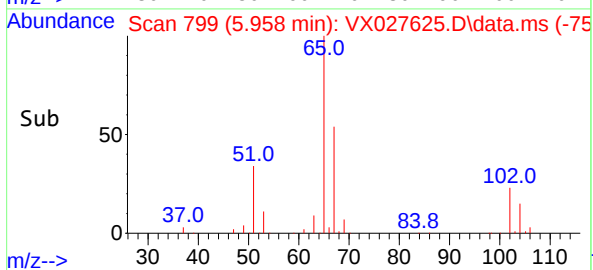
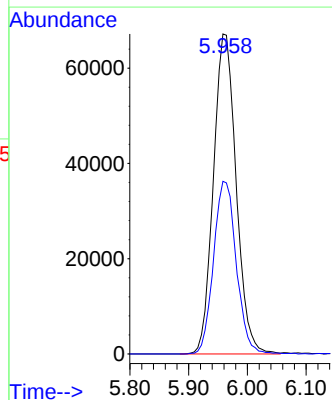
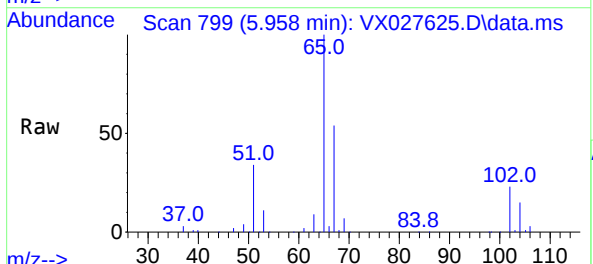
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

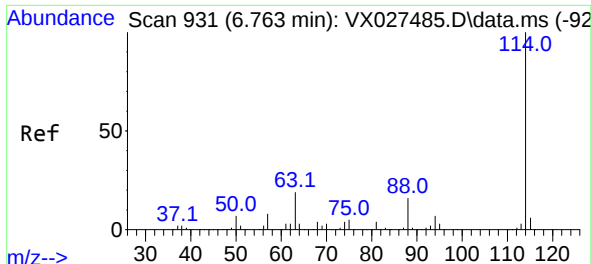
Tgt Ion: 56 Resp: 2951
Ion Ratio Lower Upper
56 100
69 29.1 26.7 40.1
84 75.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.137 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion: 65 Resp: 180598
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4

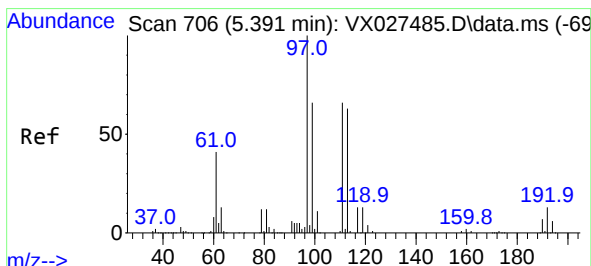
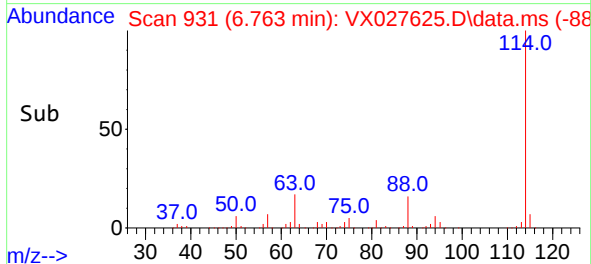
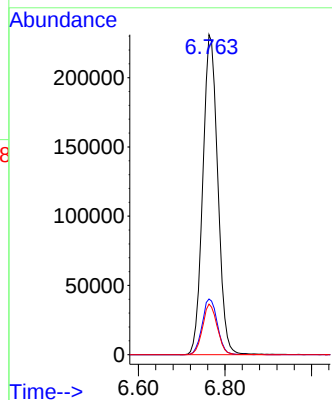
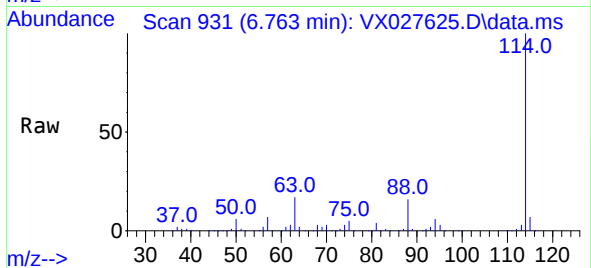




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

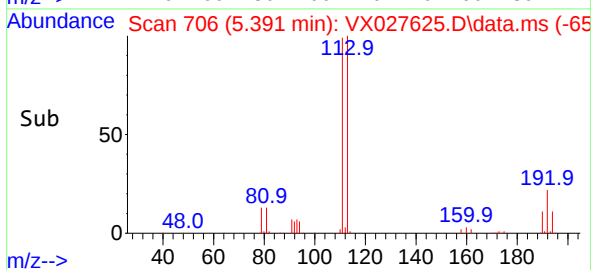
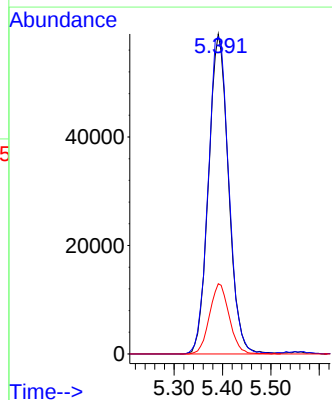
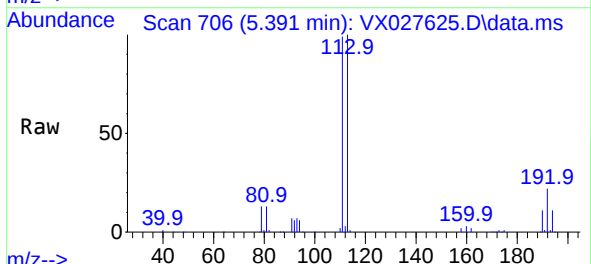
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

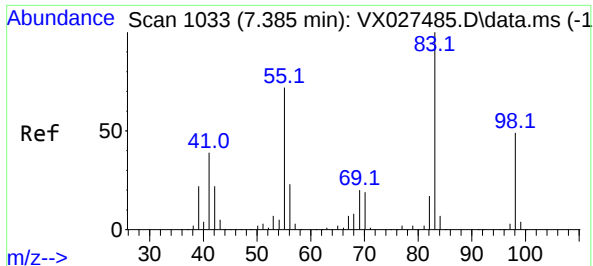
Tgt Ion:114 Resp: 553869
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.457 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion:113 Resp: 169111
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 21.6 16.9 25.3





#39

Methylcyclohexane

Concen: 0.303 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027625.D

Acq: 22 Mar 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

MW-114D

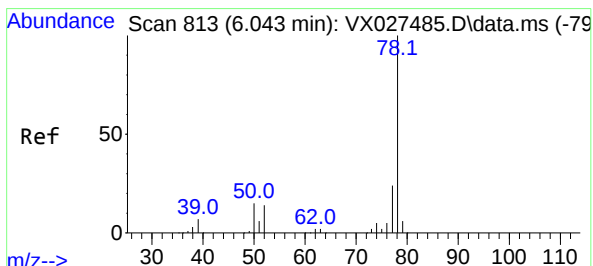
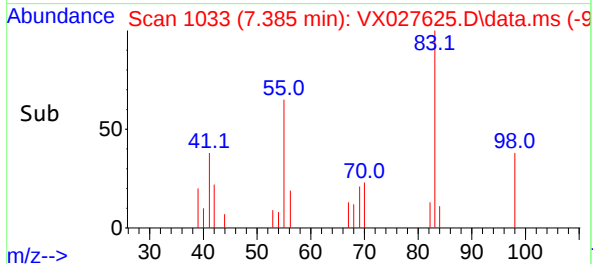
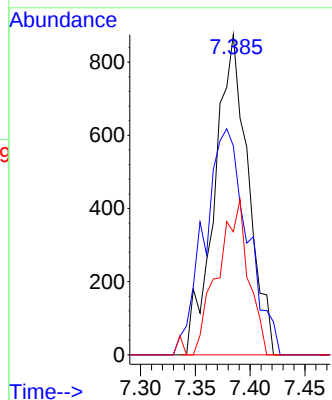
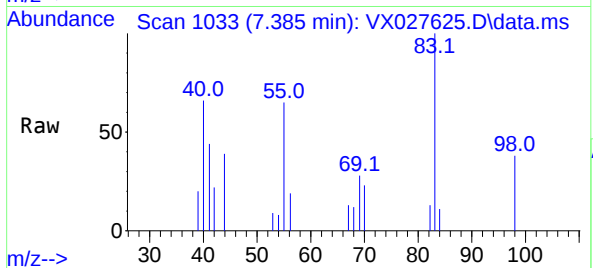
Tgt Ion: 83 Resp: 1856

Ion Ratio Lower Upper

83 100

55 65.3 54.6 81.8

98 38.4 37.4 56.2



#40

Benzene

Concen: 1.536 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX027625.D

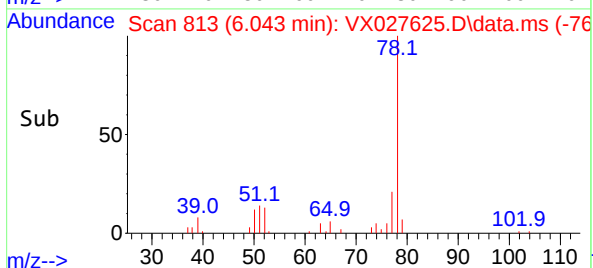
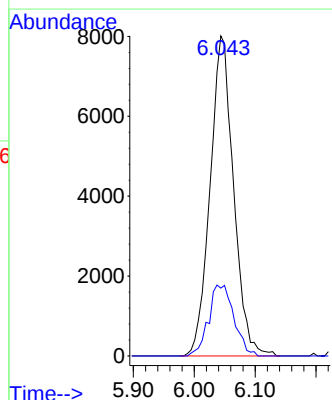
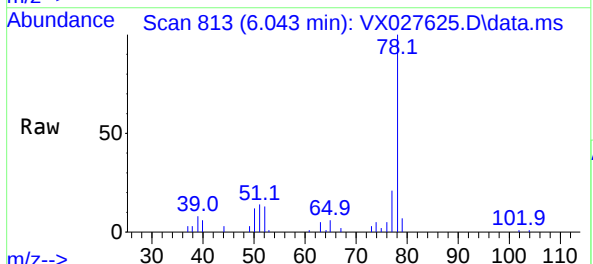
Acq: 22 Mar 2022 19:26

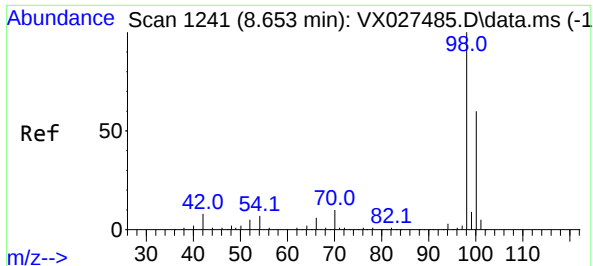
Tgt Ion: 78 Resp: 21457

Ion Ratio Lower Upper

78 100

77 21.2 19.3 28.9

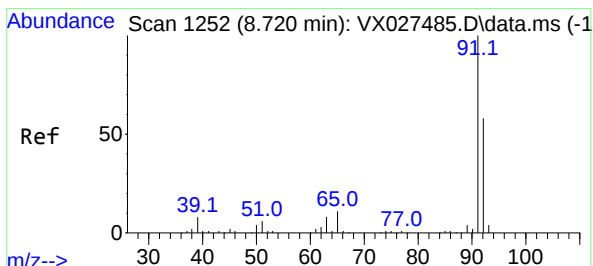
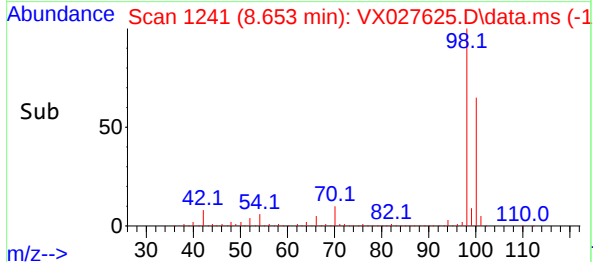
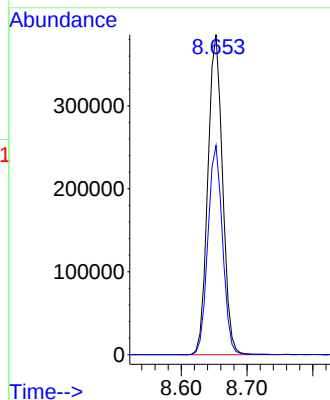
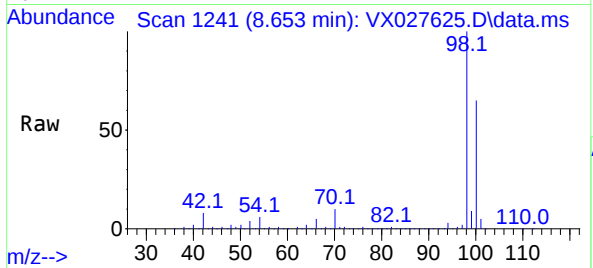




#50
Toluene-d8
Concen: 44.564 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

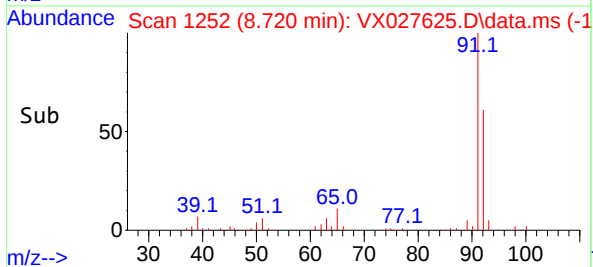
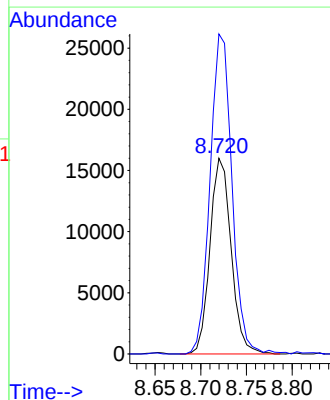
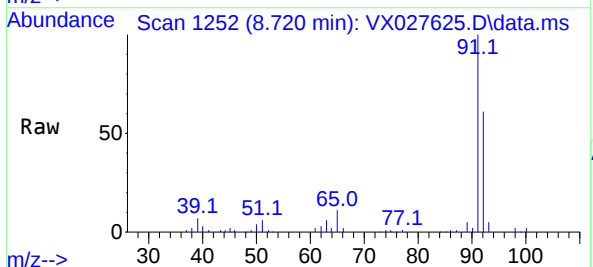
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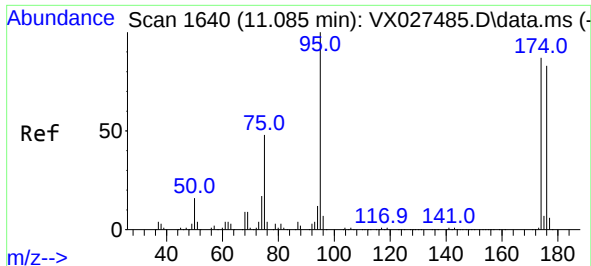
Tgt Ion: 98 Resp: 600932
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#52
Toluene
Concen: 2.748 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion: 92 Resp: 25724
Ion Ratio Lower Upper
92 100
91 169.3 137.5 206.3

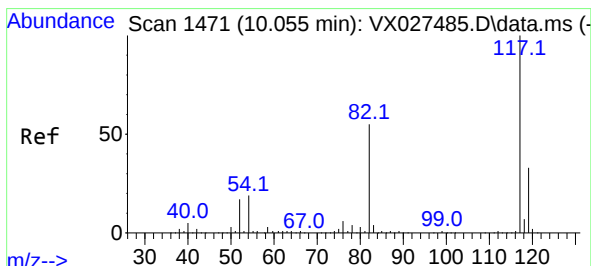
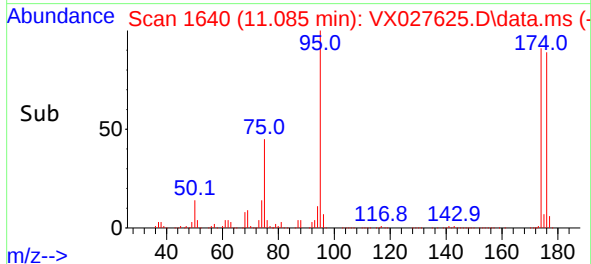
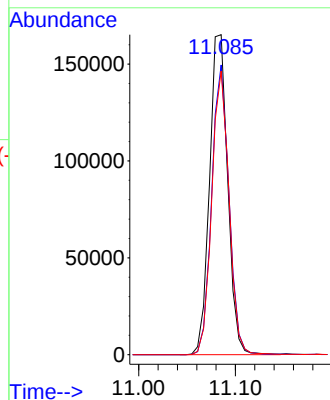
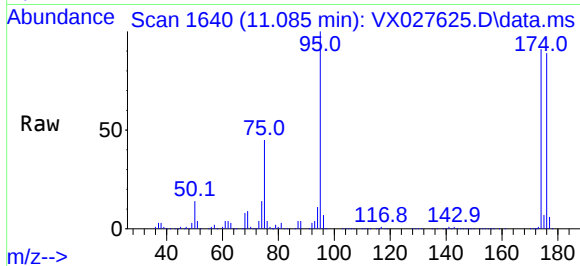




#62
4-Bromofluorobenzene
Concen: 43.625 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

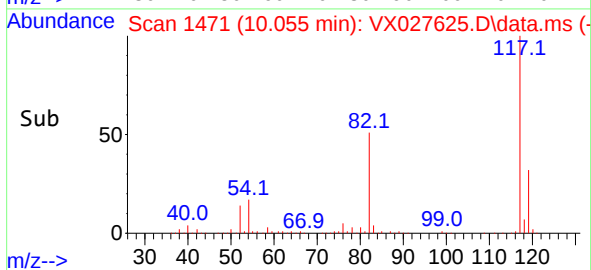
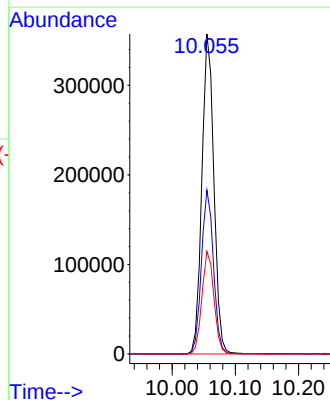
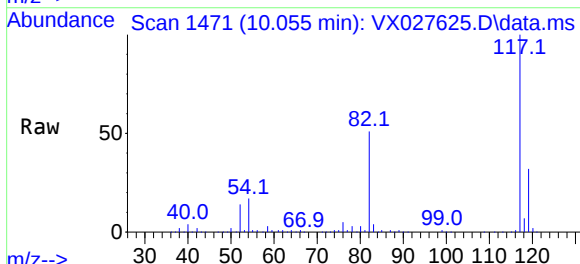
Instrument :
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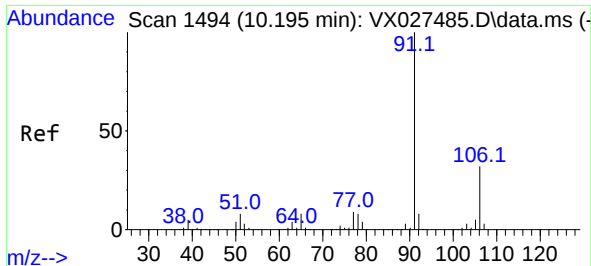
Tgt Ion: 95 Resp: 216223
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 84.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion: 117 Resp: 473050
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 32.1 24.8 37.2





#67

Ethyl Benzene

Concen: 0.935 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027625.D

Acq: 22 Mar 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

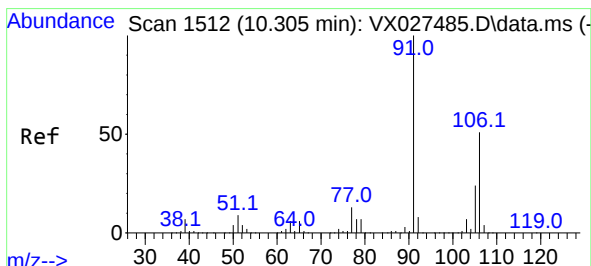
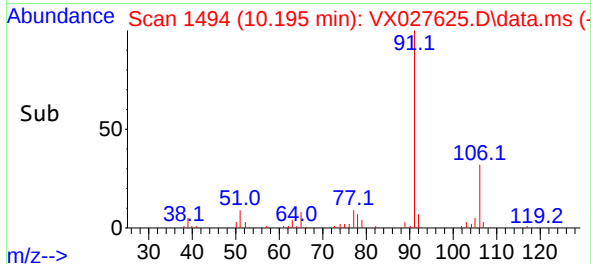
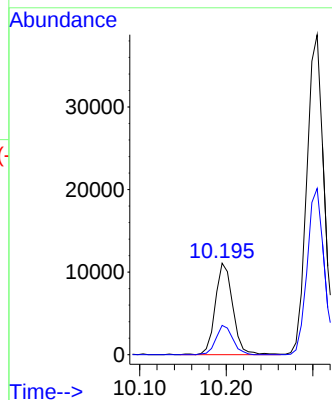
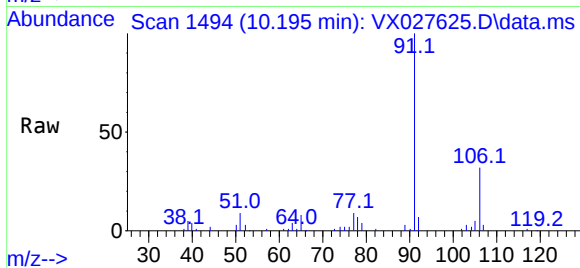
MW-114D

Tgt Ion: 91 Resp: 15580

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 4.226 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027625.D

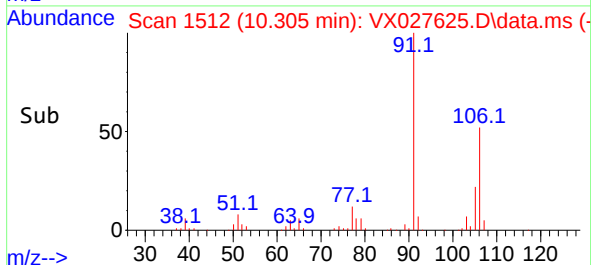
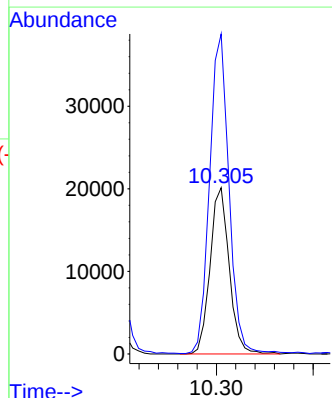
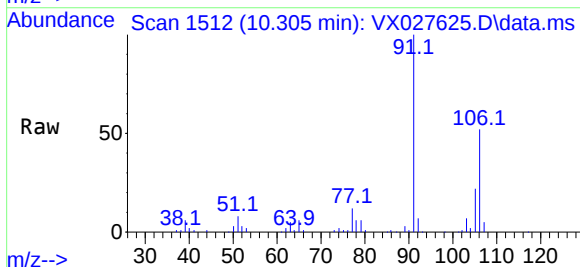
Acq: 22 Mar 2022 19:26

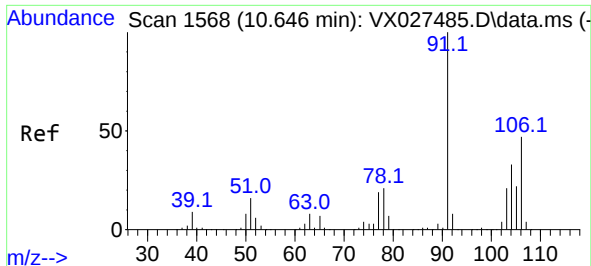
Tgt Ion:106 Resp: 27713

Ion Ratio Lower Upper

106 100

91 194.7 160.4 240.6

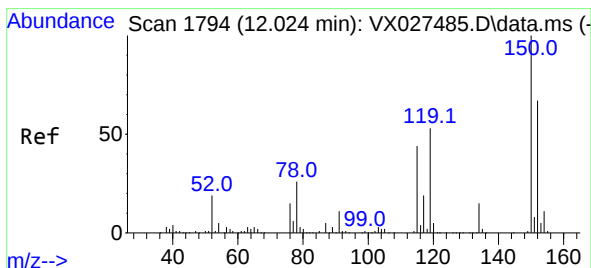
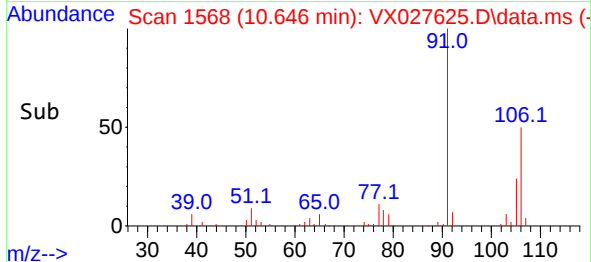
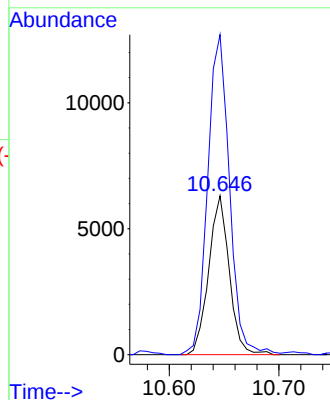
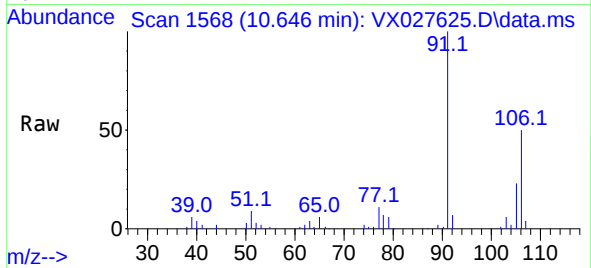




#69
o-Xylene
Concen: 1.294 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

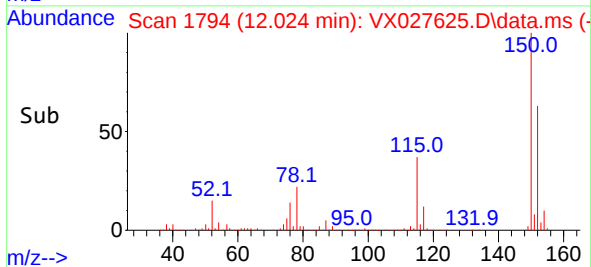
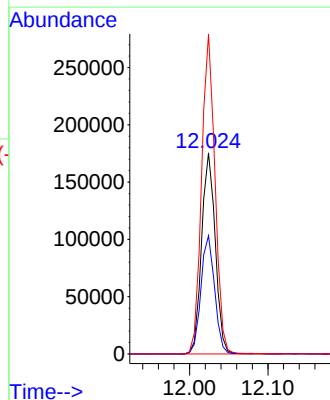
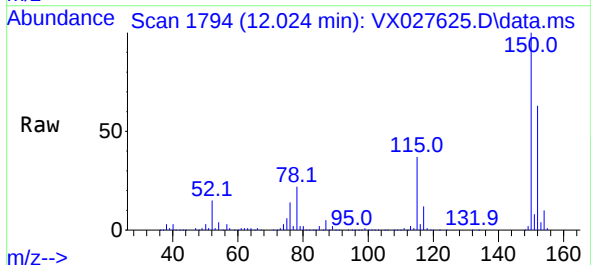
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

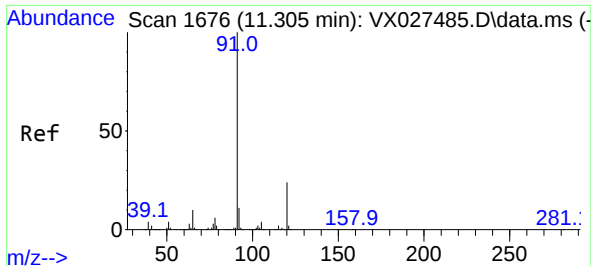
Tgt Ion:106 Resp: 8243
Ion Ratio Lower Upper
106 100
91 212.5 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion:152 Resp: 213143
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 155.8 0.0 338.2

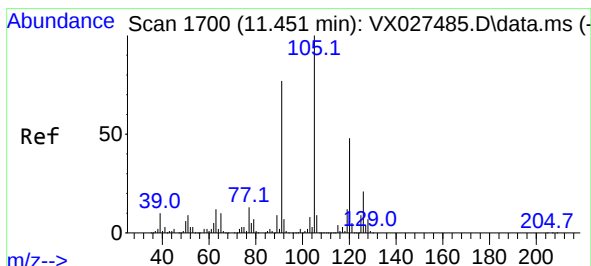
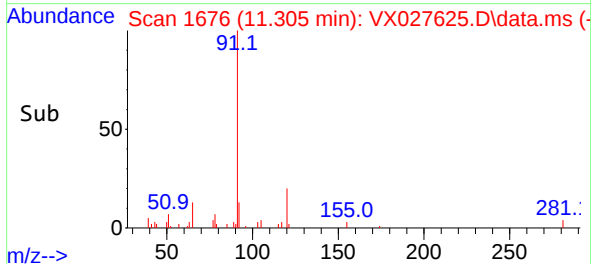
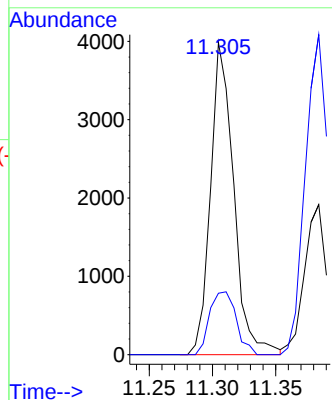
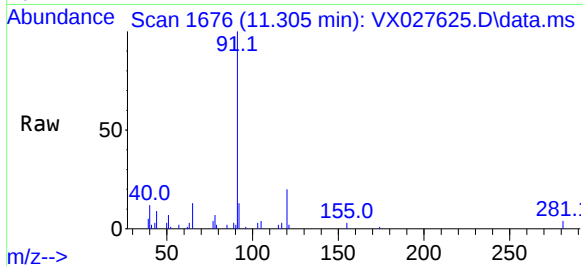




#78
n-propylbenzene
Concen: 0.298 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

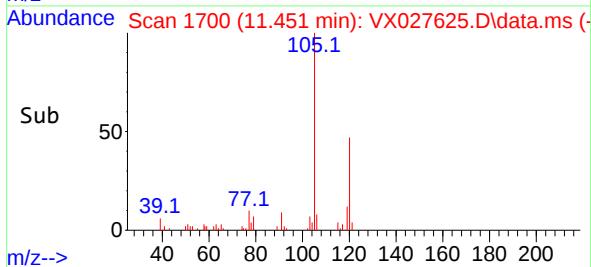
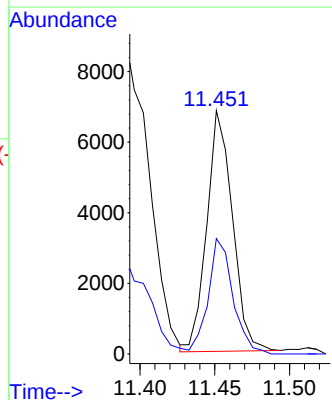
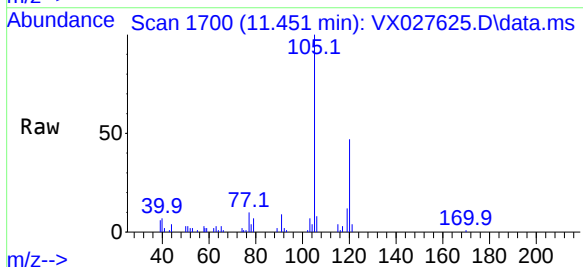
Instrument :
MSVOA_X
ClientSampleId :
MW-114D

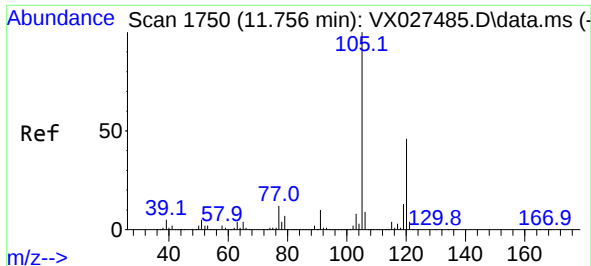
Tgt Ion: 91 Resp: 5079
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.623 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion: 105 Resp: 8135
Ion Ratio Lower Upper
105 100
120 46.2 24.3 72.9

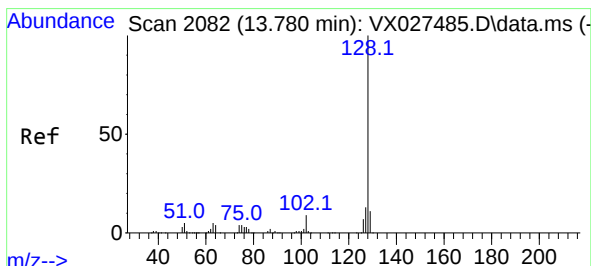
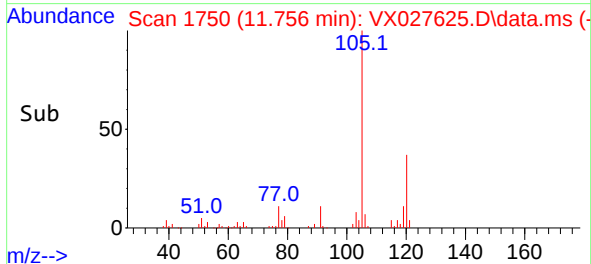
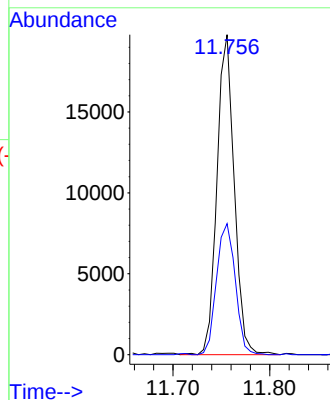
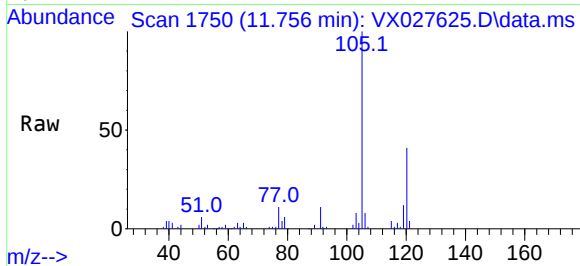




#84
1,2,4-Trimethylbenzene
Concen: 1.879 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
MW-114D

Tgt Ion:105 Resp: 24485
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.8



#95
Naphthalene
Concen: 0.345 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027625.D
Acq: 22 Mar 2022 19:26

Tgt Ion:128 Resp: 5103
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 12.7 8.7 13.1

