

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027226.D
 Acq On : 28 Feb 2022 17:36
 Operator : JC/MD
 Sample : N1688-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Mar 01 00:45:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

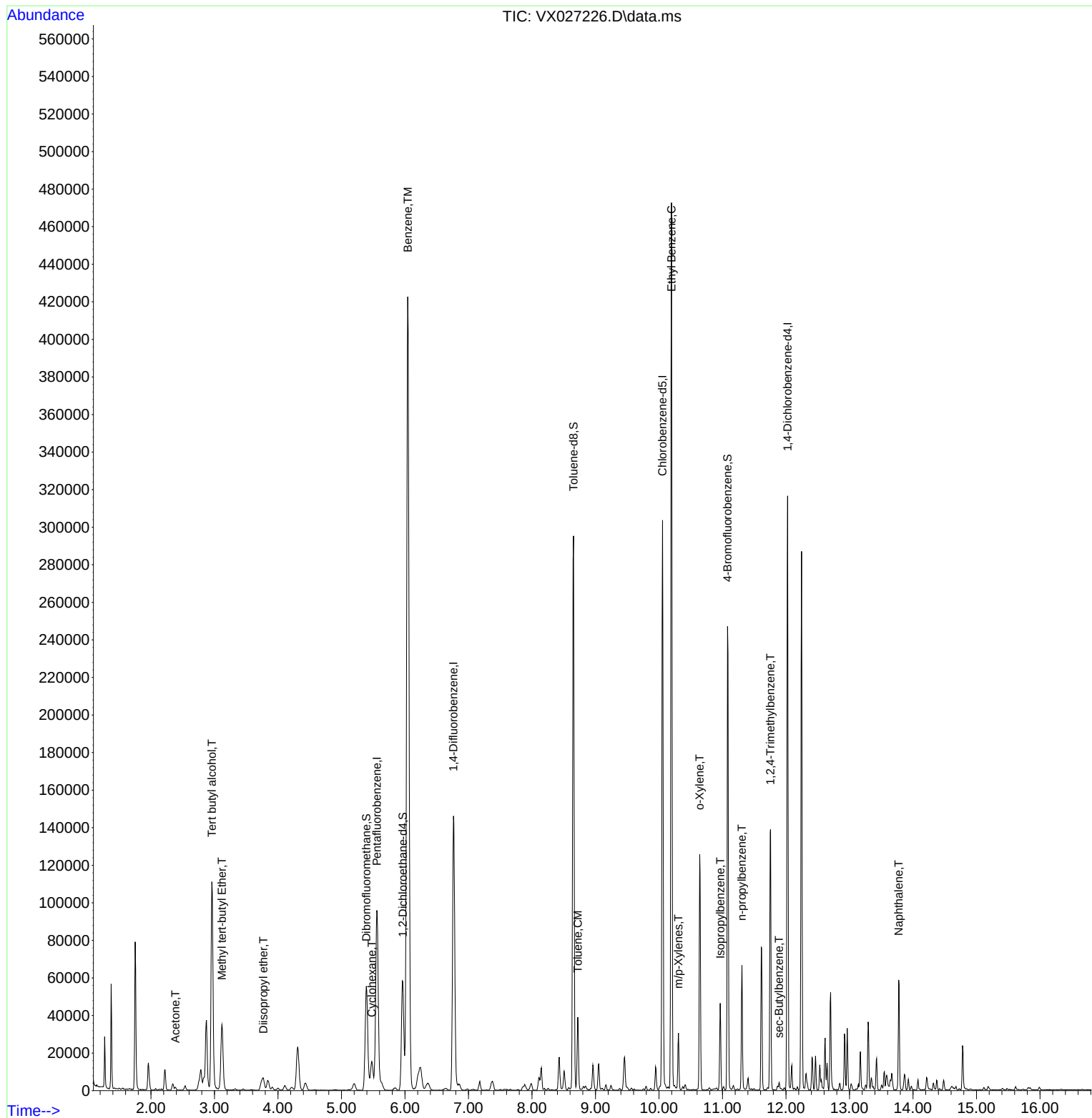
Internal Standards						
1) Pentafluorobenzene	5.556	168	93942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57139	50.644	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.280%		
35) Dibromofluoromethane	5.391	113	48554	50.608	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.220%		
50) Toluene-d8	8.653	98	178157	49.662	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.320%		
62) 4-Bromofluorobenzene	11.079	95	68404	49.675	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.360%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	126793	577.593	ug/l	96
16) Acetone	2.386	43	1844	3.722	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	33454	10.660	ug/l #	80
22) Diisopropyl ether	3.770	45	6656	2.120	ug/l #	75
31) Cyclohexane	5.477	56	10750	6.362	ug/l	96
40) Benzene	6.044	78	518881	126.720	ug/l	100
52) Toluene	8.720	92	14444	5.509	ug/l	98
67) Ethyl Benzene	10.195	91	262796	52.451	ug/l	97
68) m/p-Xylenes	10.305	106	6715	3.486	ug/l	99
69) o-Xylene	10.640	106	27375	14.161	ug/l	98
73) Isopropylbenzene	10.964	105	23283	4.919	ug/l	98
78) n-propylbenzene	11.305	91	38301	7.120	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	63902	16.142	ug/l	96
85) sec-Butylbenzene	11.890	105	2443	0.503	ug/l	95
95) Naphthalene	13.774	128	37388	8.044	ug/l	99

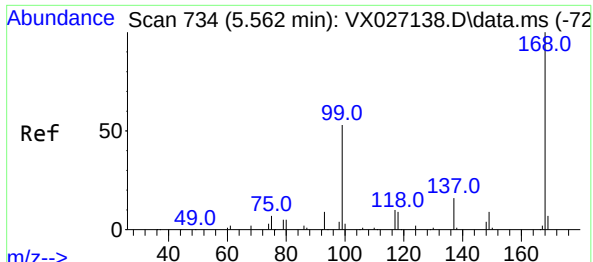
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027226.D
Acq On : 28 Feb 2022 17:36
Operator : JC/MD
Sample : N1688-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28

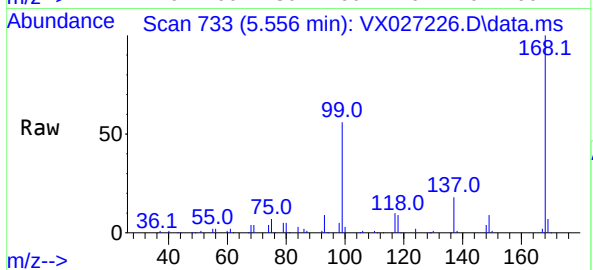
Quant Time: Mar 01 00:45:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



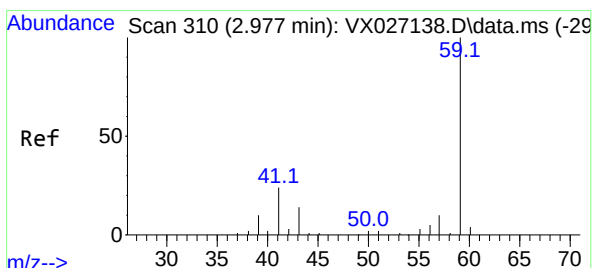
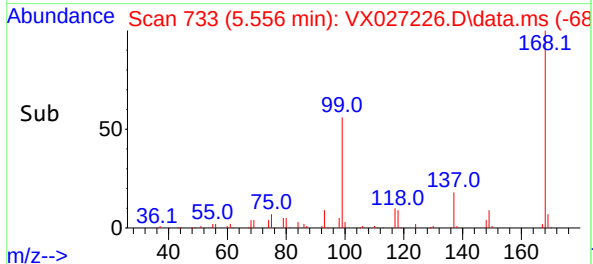
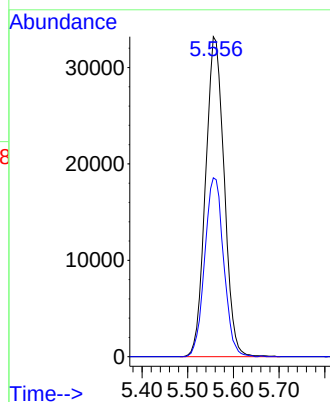


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
MW-28

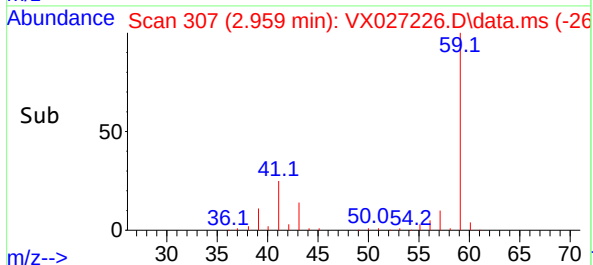
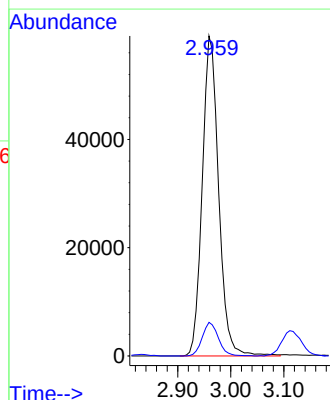
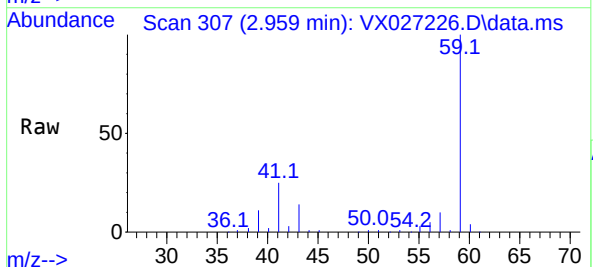


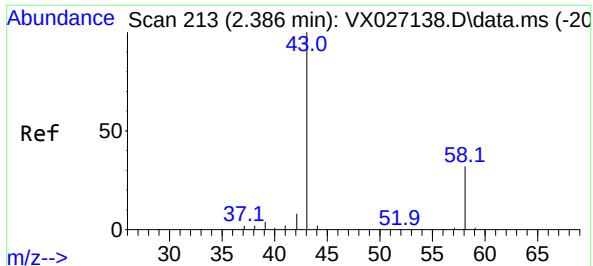
Tgt Ion:168 Resp: 93942
Ion Ratio Lower Upper
168 100
99 55.9 50.3 75.5



#11
Tert butyl alcohol
Concen: 577.593 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Tgt Ion: 59 Resp: 126793
Ion Ratio Lower Upper
59 100
57 10.4 7.2 10.8

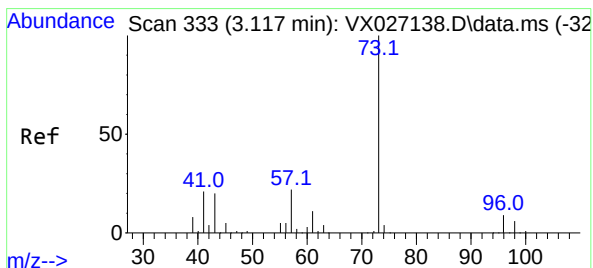
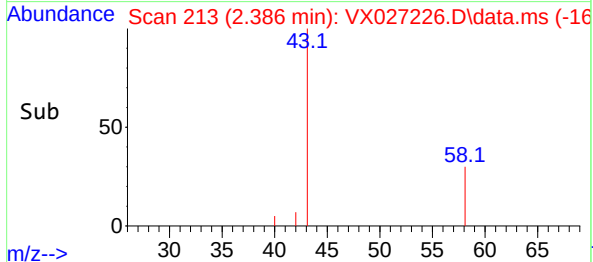
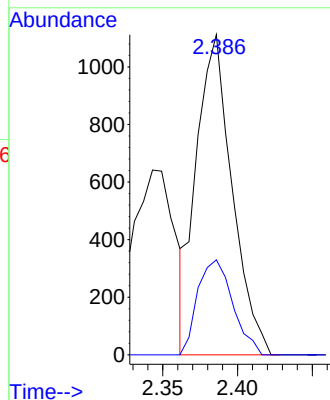
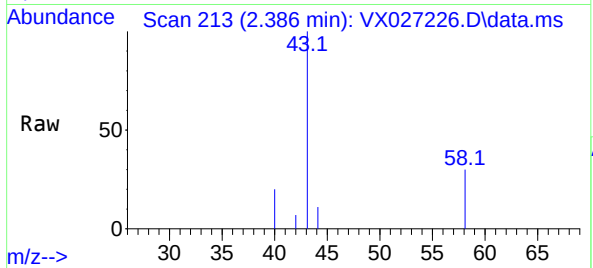




#16
Acetone
Concen: 3.722 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

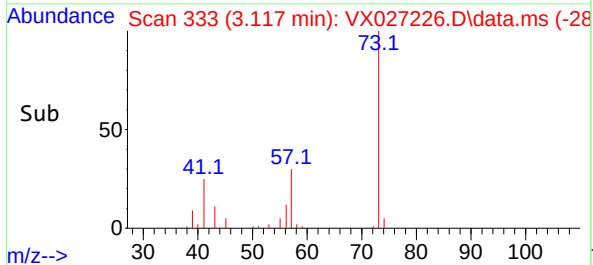
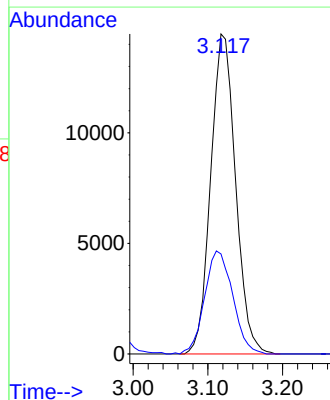
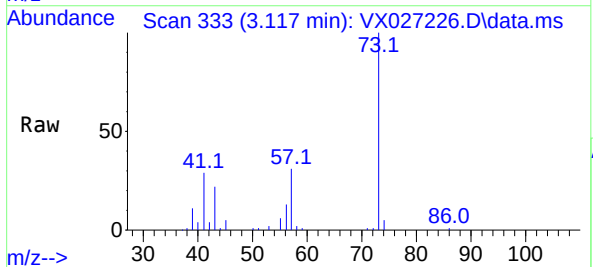
Instrument :
MSVOA_X
ClientSampleId :
MW-28

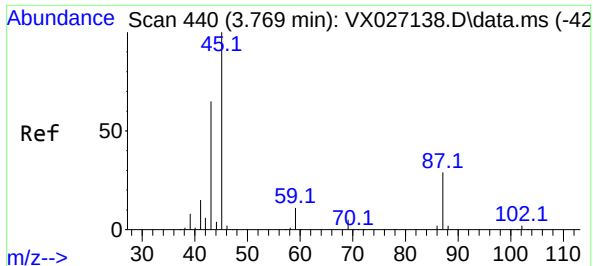
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 29.7 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 10.660 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Tgt Ion: 73 Resp: 33454
Ion Ratio Lower Upper
73 100
57 31.2 17.4 26.2#

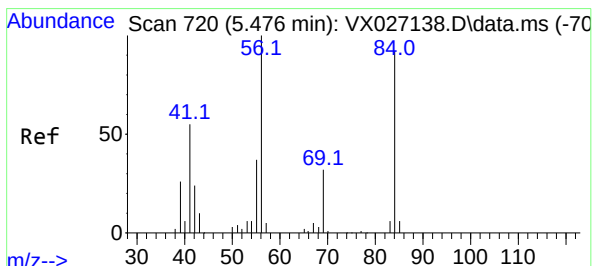
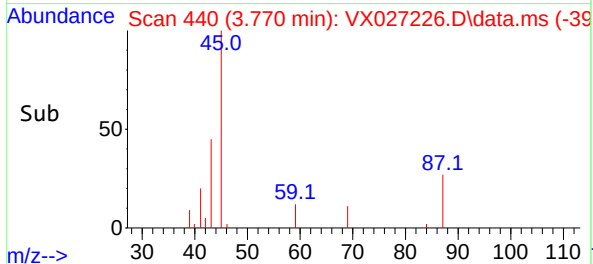
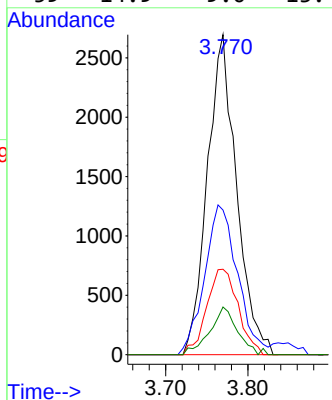
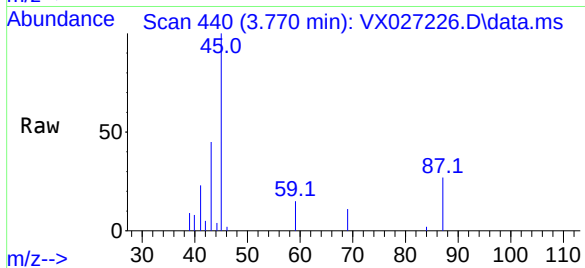




#22
Diisopropyl ether
Concen: 2.120 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.001 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

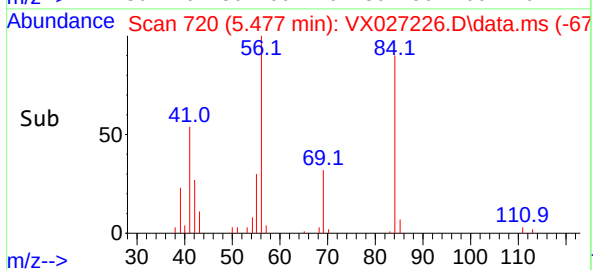
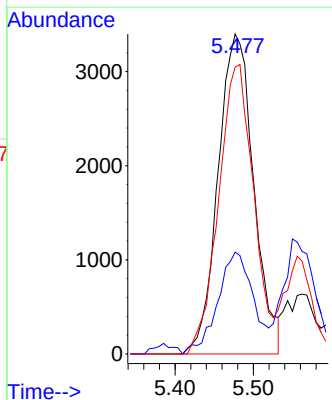
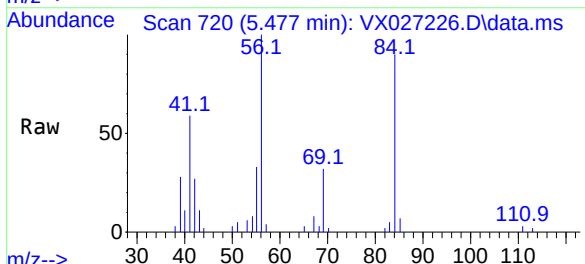
Instrument :
MSVOA_X
ClientSampleId :
MW-28

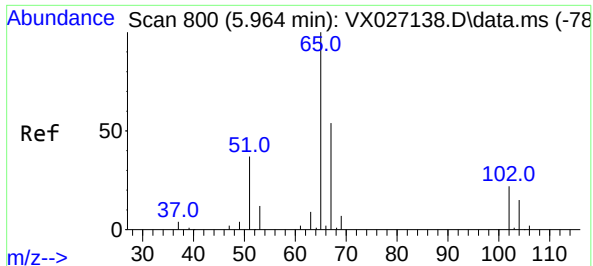
Tgt Ion:	45	Resp:	6656
Ion	Ratio	Lower	Upper
45	100		
43	45.2	60.6	91.0#
87	26.7	22.0	33.0
59	14.9	9.0	13.4#



#31
Cyclohexane
Concen: 6.362 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.001 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Tgt Ion:	56	Resp:	10750
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.8	38.6
84	89.6	68.9	103.3





#33

1,2-Dichloroethane-d4

Concen: 50.644 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027226.D

Acq: 28 Feb 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

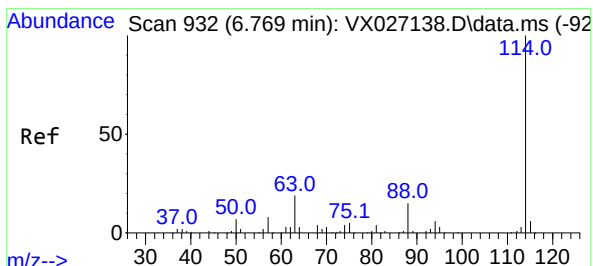
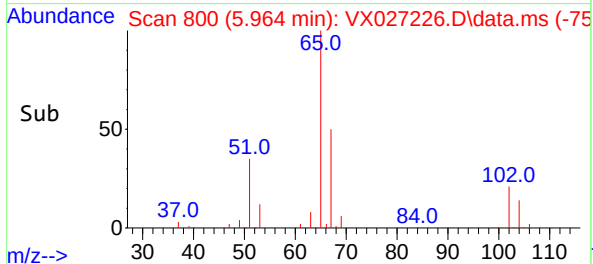
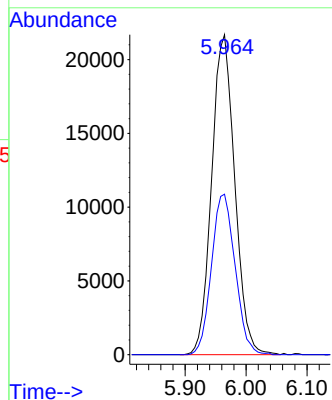
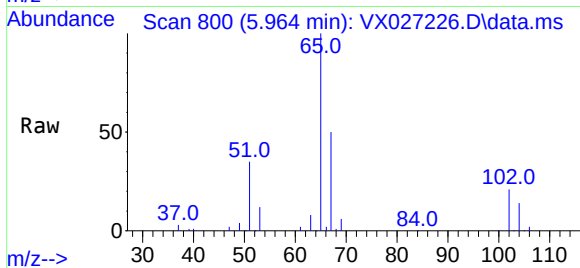
MW-28

Tgt Ion: 65 Resp: 57139

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027226.D

Acq: 28 Feb 2022 17:36

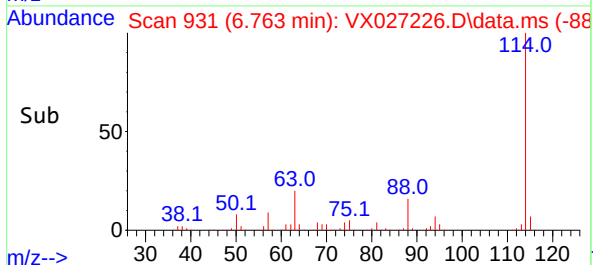
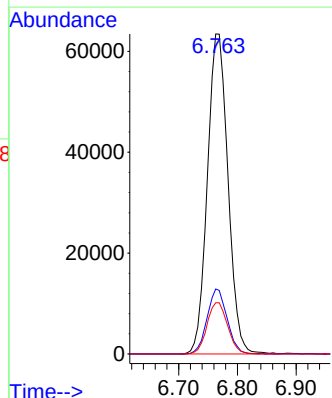
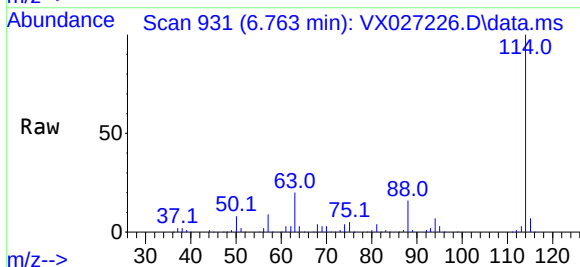
Tgt Ion: 114 Resp: 154566

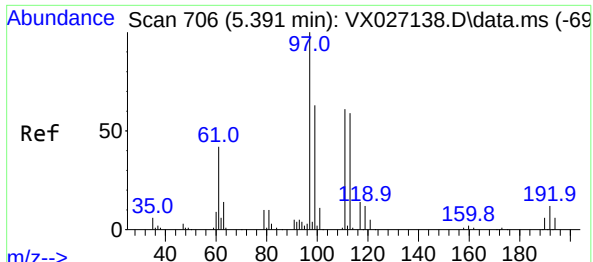
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

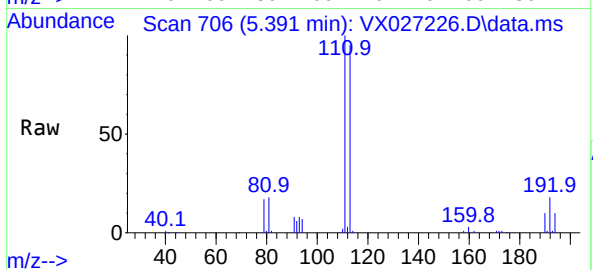
88 16.0 0.0 33.0



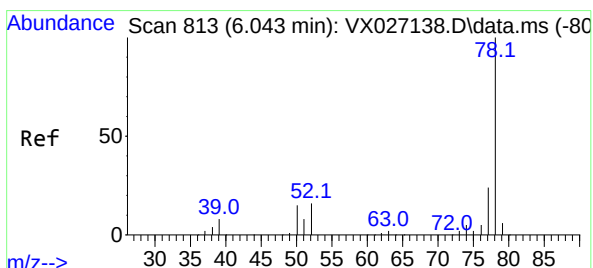
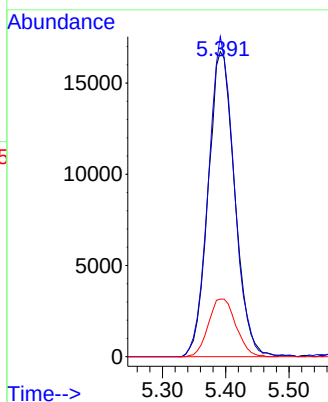
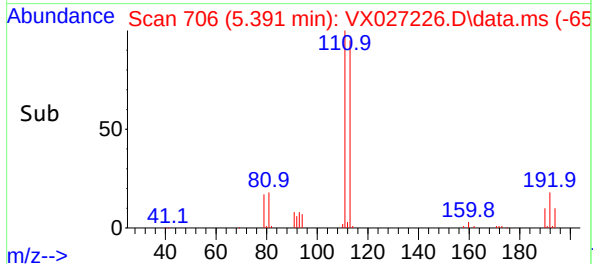


#35
Dibromofluoromethane
Concen: 50.608 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

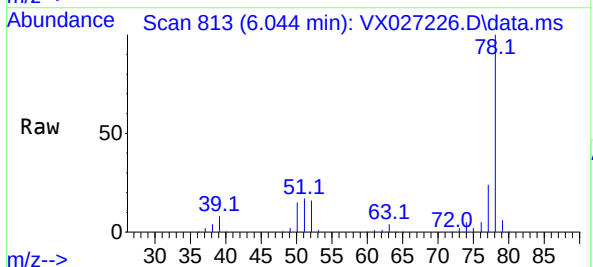
Instrument :
MSVOA_X
ClientSampleId :
MW-28



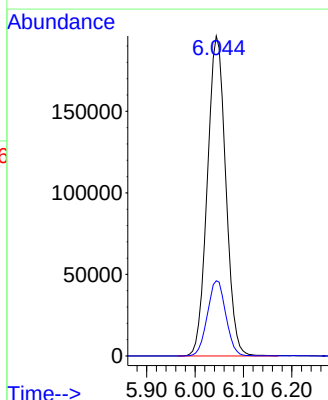
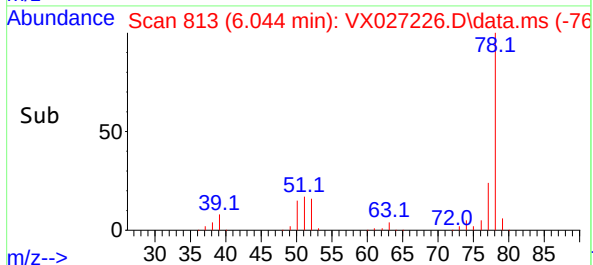
Tgt Ion:113 Resp: 48554
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 19.6 15.0 22.4

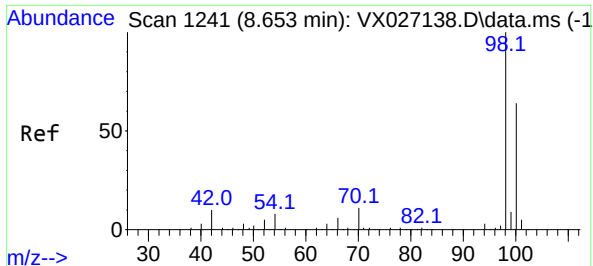


#40
Benzene
Concen: 126.720 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.001 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36



Tgt Ion: 78 Resp: 518881
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

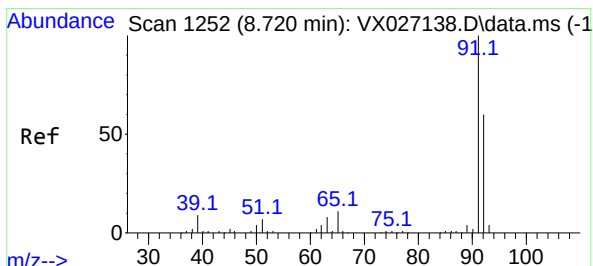
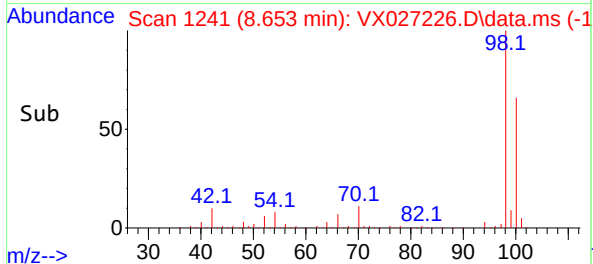
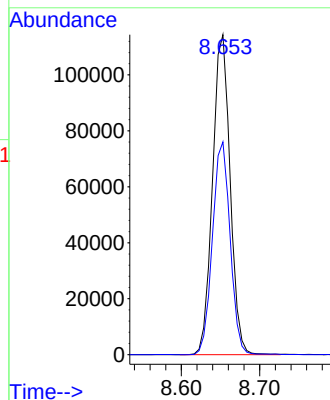
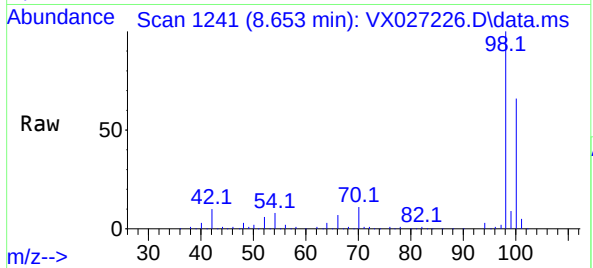




#50
Toluene-d8
Concen: 49.662 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

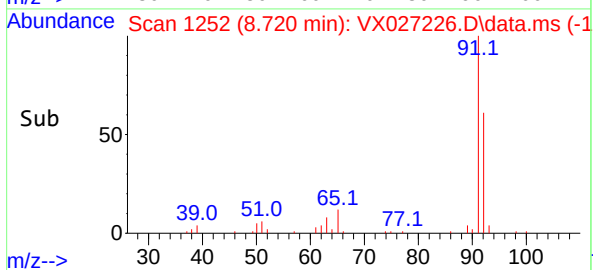
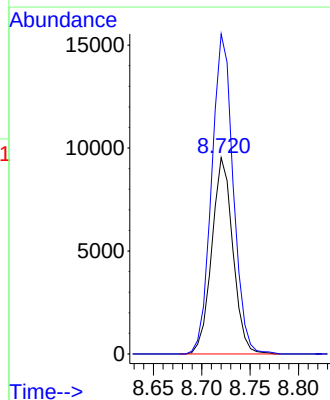
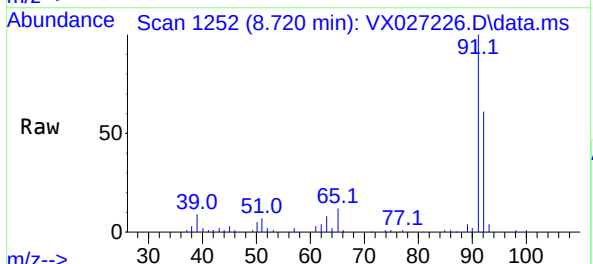
Instrument :
MSVOA_X
ClientSampleId :
MW-28

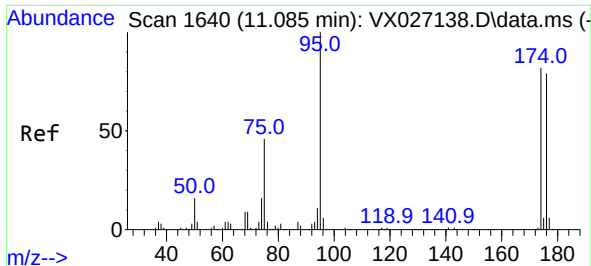
Tgt Ion: 98 Resp: 178157
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8



#52
Toluene
Concen: 5.509 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Tgt Ion: 92 Resp: 14444
Ion Ratio Lower Upper
92 100
91 166.8 135.7 203.5

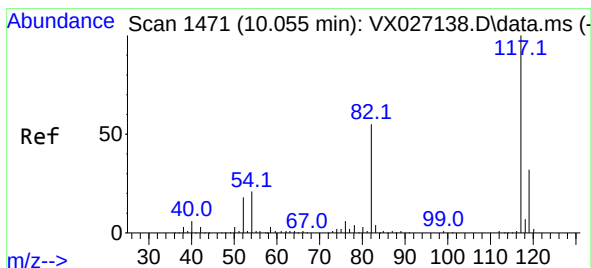
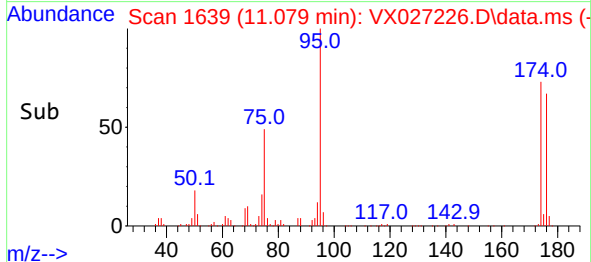
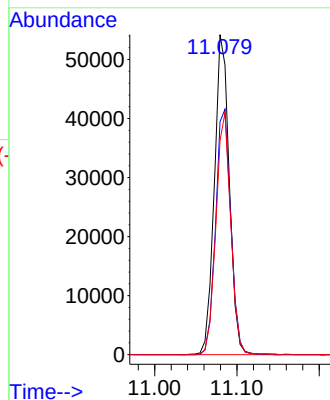
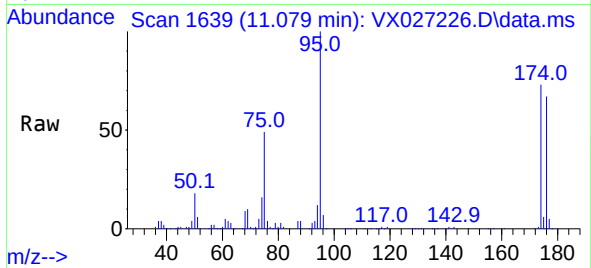




#62
4-Bromofluorobenzene
Concen: 49.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

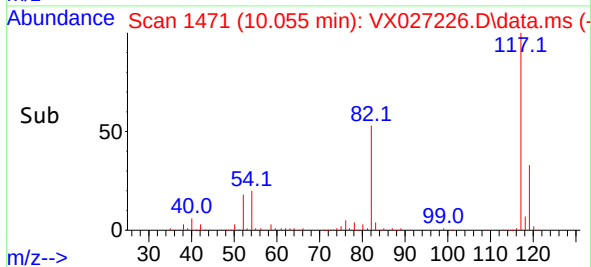
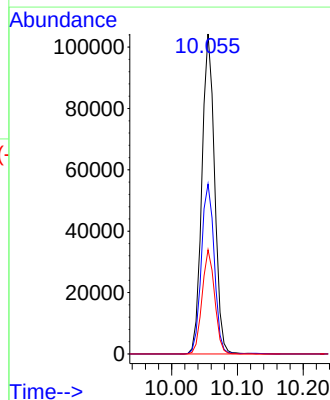
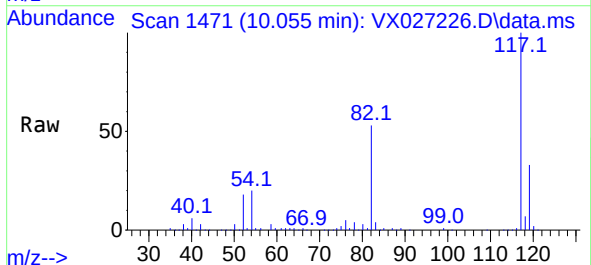
Instrument :
MSVOA_X
ClientSampleId :
MW-28

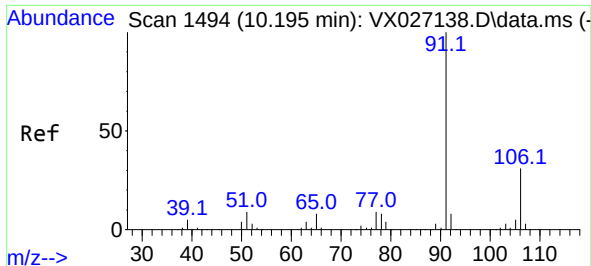
Tgt Ion: 95 Resp: 68404
Ion Ratio Lower Upper
95 100
174 78.0 0.0 148.6
176 74.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Tgt Ion: 117 Resp: 140011
Ion Ratio Lower Upper
117 100
82 53.1 45.2 67.8
119 32.5 26.2 39.2

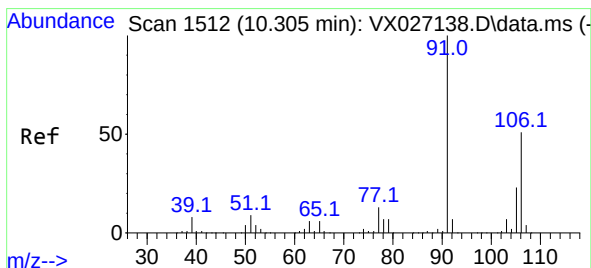
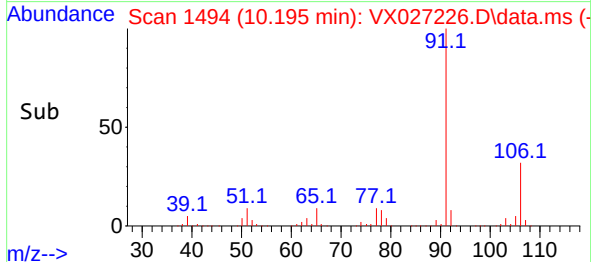
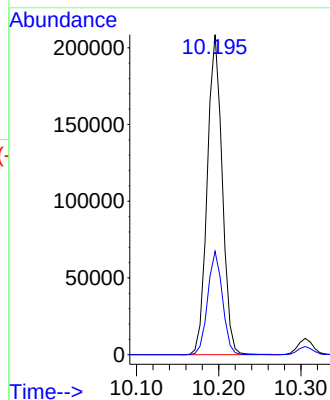
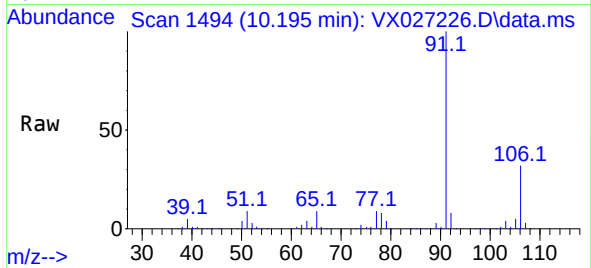




#67
Ethyl Benzene
Concen: 52.451 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

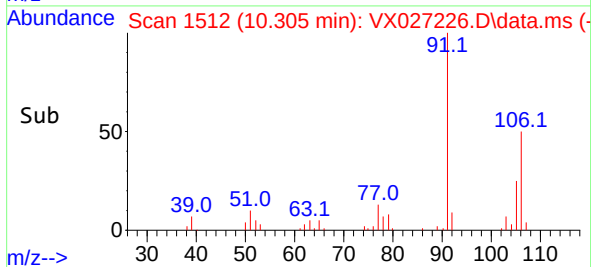
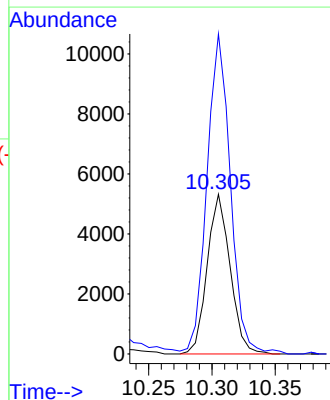
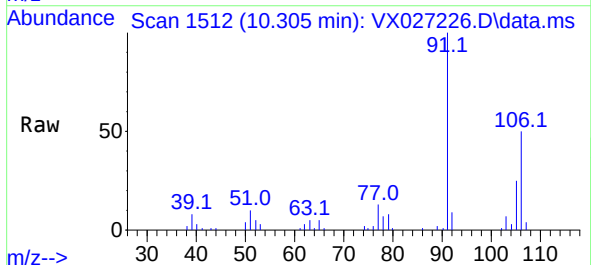
Instrument :
MSVOA_X
ClientSampleId :
MW-28

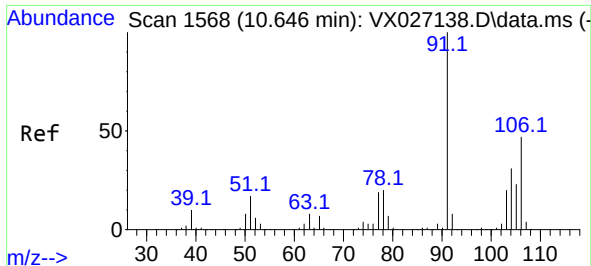
Tgt Ion: 91 Resp: 262796
Ion Ratio Lower Upper
91 100
106 32.3 24.7 37.1



#68
m/p-Xylenes
Concen: 3.486 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Tgt Ion: 106 Resp: 6715
Ion Ratio Lower Upper
106 100
91 205.1 165.3 247.9

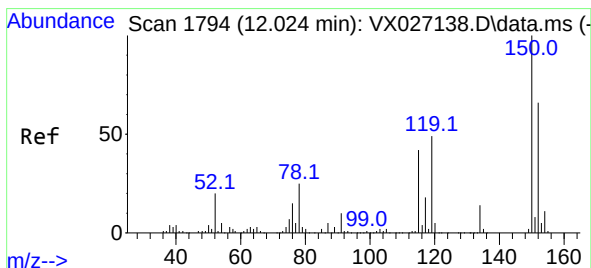
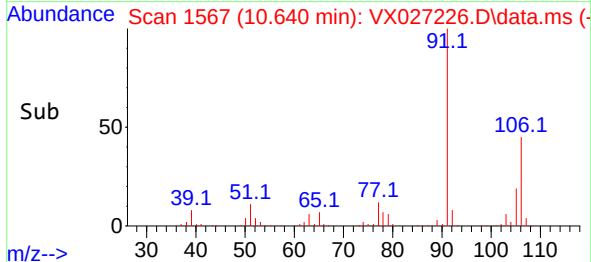
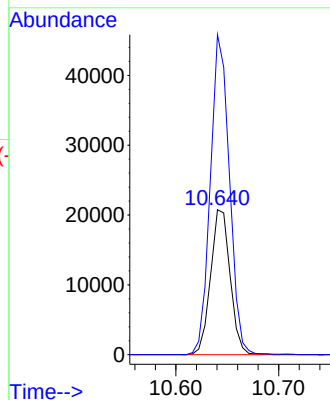
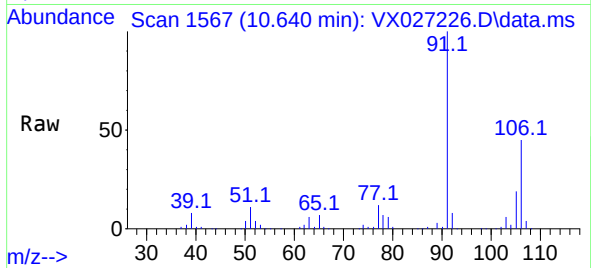




#69
o-Xylene
Concen: 14.161 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

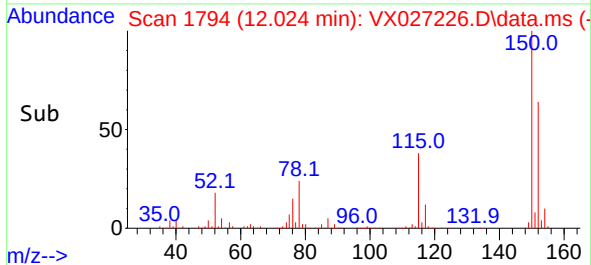
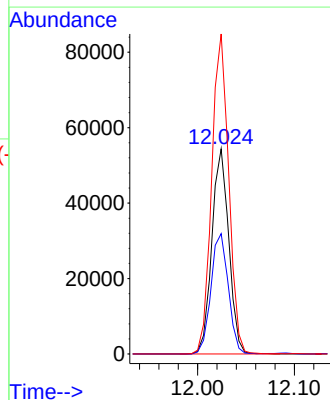
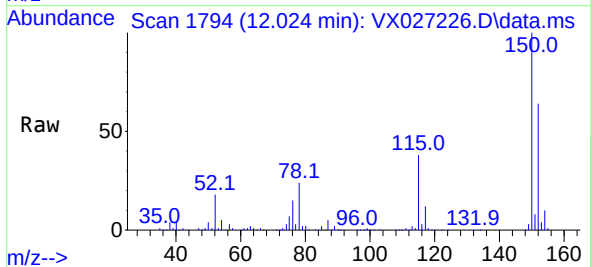
Instrument :
MSVOA_X
ClientSampleId :
MW-28

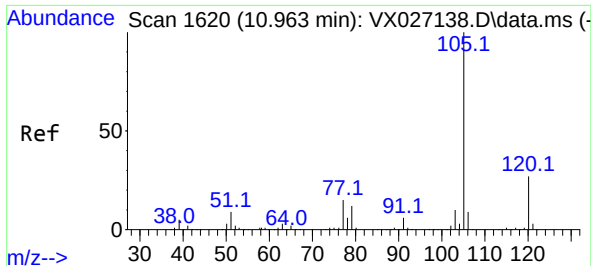
Tgt Ion:106 Resp: 27375
Ion Ratio Lower Upper
106 100
91 216.1 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Tgt Ion:152 Resp: 66144
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 157.0 0.0 348.2

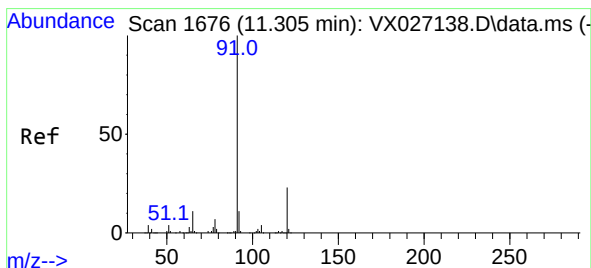
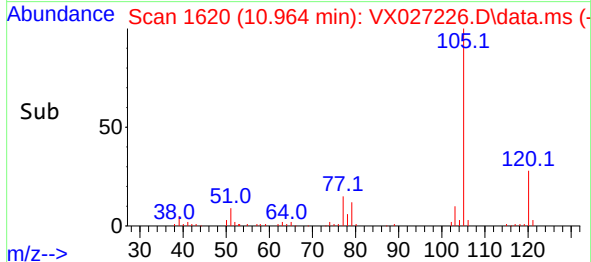
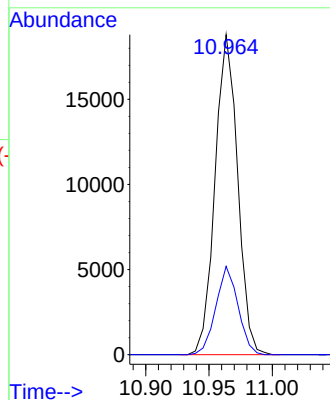
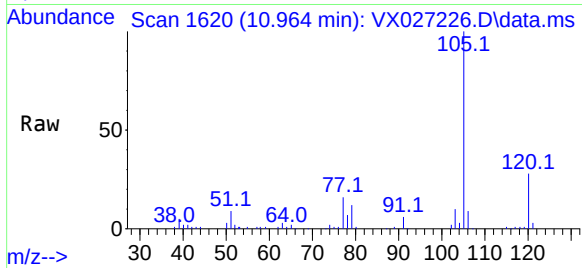




#73
Isopropylbenzene
Concen: 4.919 ug/l
RT: 10.964 min Scan# 105
Delta R.T. 0.001 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

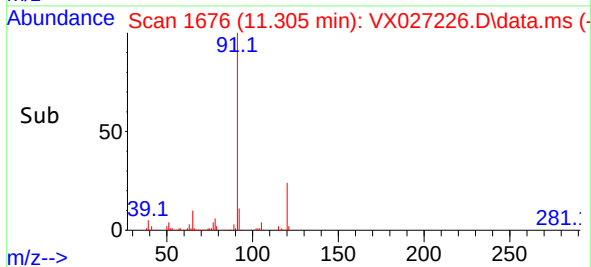
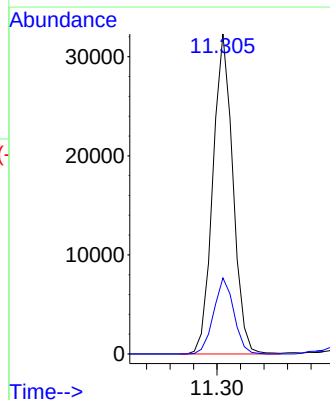
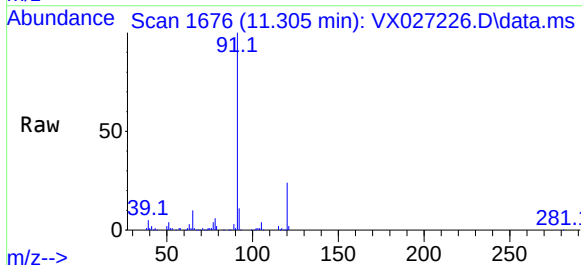
Instrument :
MSVOA_X
ClientSampleId :
MW-28

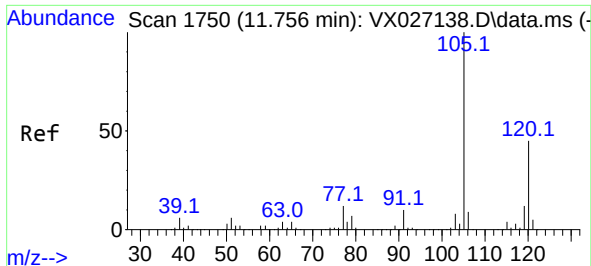
Tgt Ion:105 Resp: 23283
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1



#78
n-propylbenzene
Concen: 7.120 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Tgt Ion: 91 Resp: 38301
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.7

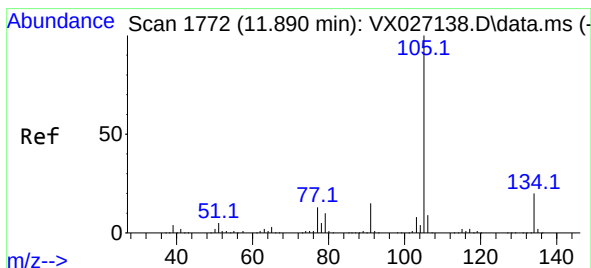
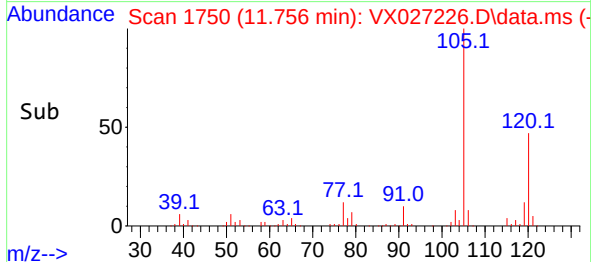
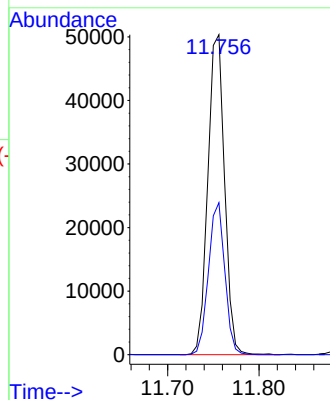
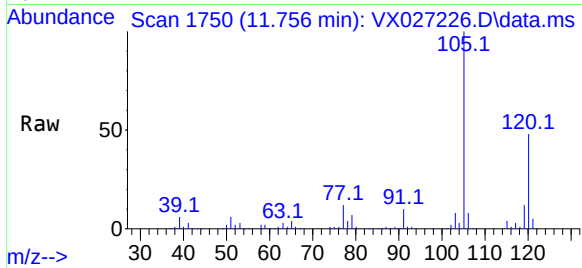




#84
1,2,4-Trimethylbenzene
Concen: 16.142 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

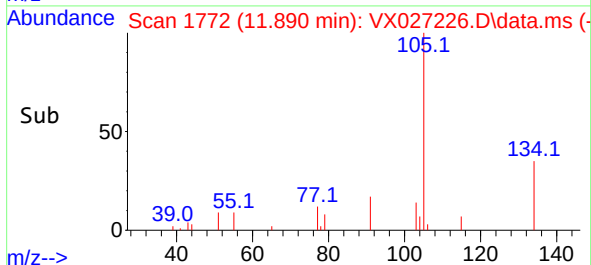
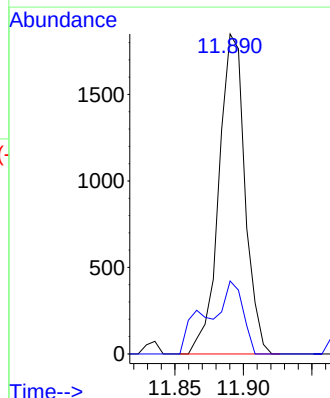
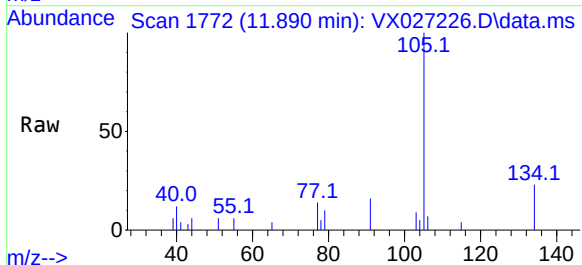
Instrument :
MSVOA_X
ClientSampleId :
MW-28

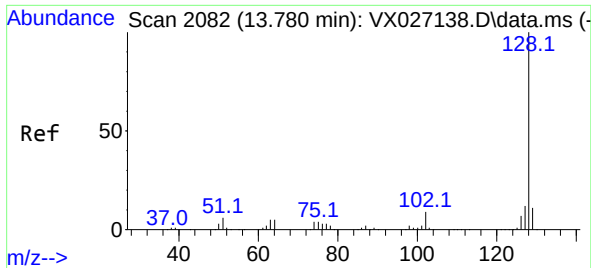
Tgt Ion:105 Resp: 63902
Ion Ratio Lower Upper
105 100
120 46.4 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.503 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

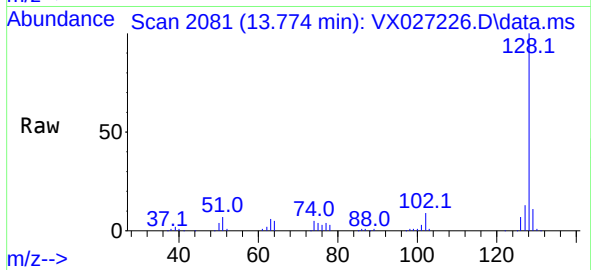
Tgt Ion:105 Resp: 2443
Ion Ratio Lower Upper
105 100
134 17.9 10.1 30.1





#95
Naphthalene
Concen: 8.044 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027226.D
Acq: 28 Feb 2022 17:36

Instrument :
MSVOA_X
ClientSampleId :
MW-28



Tgt Ion:	128	Resp:	37388
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.5	8.7	13.1

