

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027227.D
 Acq On : 28 Feb 2022 17:59
 Operator : JC/MD
 Sample : N1688-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

Quant Time: Mar 01 00:45:25 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)

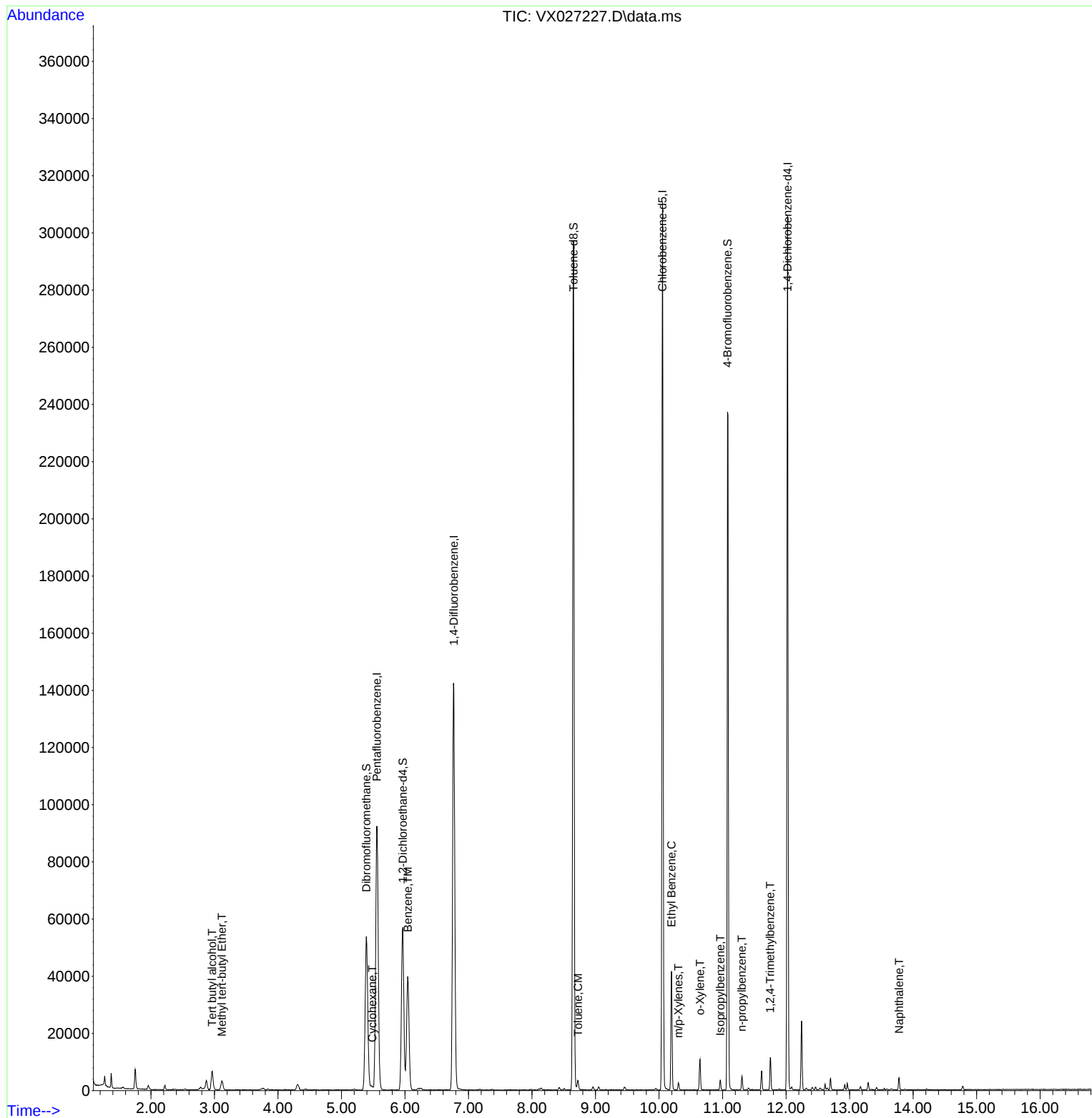
Internal Standards						
1) Pentafluorobenzene	5.556	168	90144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	151264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55323	51.100	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.200%	
35) Dibromofluoromethane	5.391	113	47222	50.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.580%	
50) Toluene-d8	8.653	98	176644	50.315	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	11.079	95	66621	49.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.880%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	7531	35.752	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	3054	1.014	ug/l #	84
31) Cyclohexane	5.483	56	931	0.574	ug/l	88
40) Benzene	6.043	78	48815	12.182	ug/l	97
52) Toluene	8.726	92	1314	0.512	ug/l	96
67) Ethyl Benzene	10.195	91	24113	4.856	ug/l	97
68) m/p-Xylenes	10.305	106	636	0.333	ug/l	83
69) o-Xylene	10.646	106	2470	1.289	ug/l	98
73) Isopropylbenzene	10.963	105	2070	0.458	ug/l	93
78) n-propylbenzene	11.305	91	3395	0.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	5506	1.456	ug/l	94
95) Naphthalene	13.780	128	3079	0.694	ug/l	95

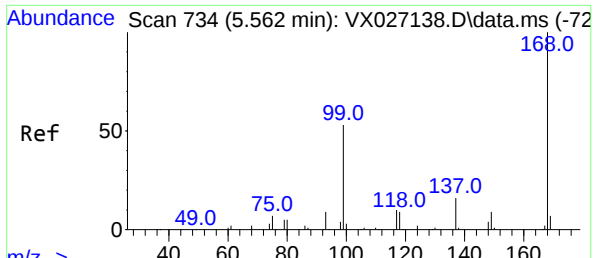
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
Data File : VX027227.D
Acq On : 28 Feb 2022 17:59
Operator : JC/MD
Sample : N1688-11DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Quant Time: Mar 01 00:45:25 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: VX027227.D

Acq: 28 Feb 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

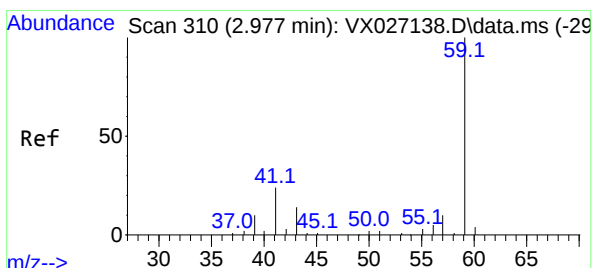
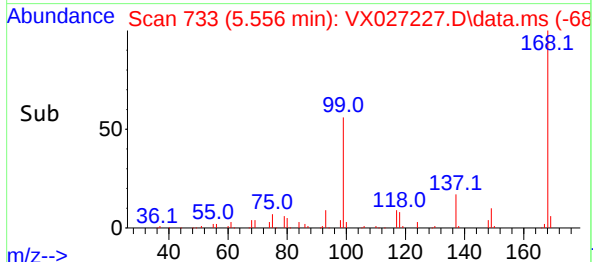
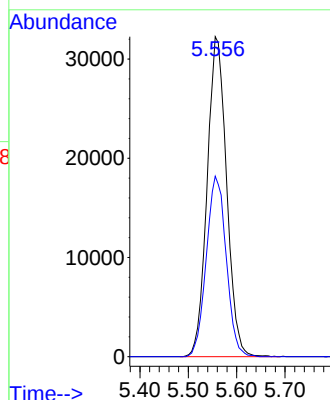
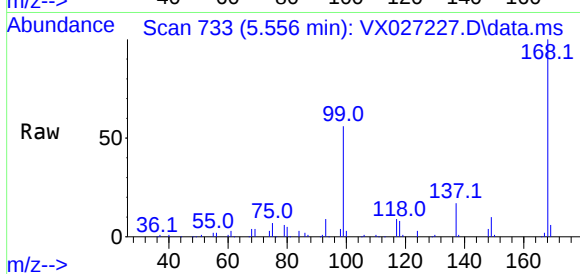
MW-28DL

Tgt Ion:168 Resp: 90144

Ion Ratio Lower Upper

168 100

99 56.4 50.3 75.5



#11

Tert butyl alcohol

Concen: 35.752 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027227.D

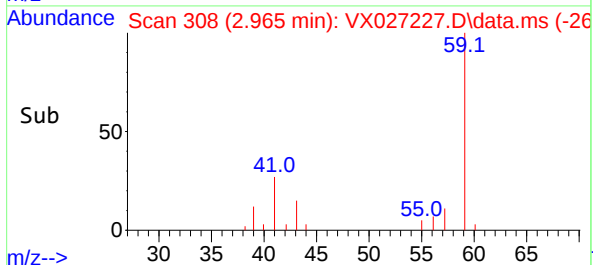
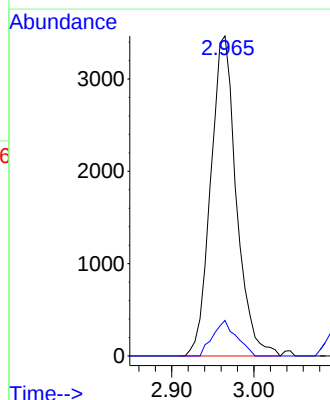
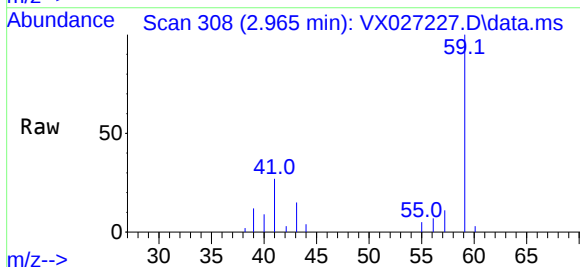
Acq: 28 Feb 2022 17:59

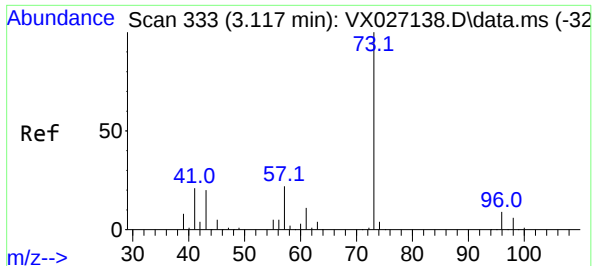
Tgt Ion: 59 Resp: 7531

Ion Ratio Lower Upper

59 100

57 10.2 7.2 10.8





#19

Methyl tert-butyl Ether

Concen: 1.014 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027227.D

Acq: 28 Feb 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

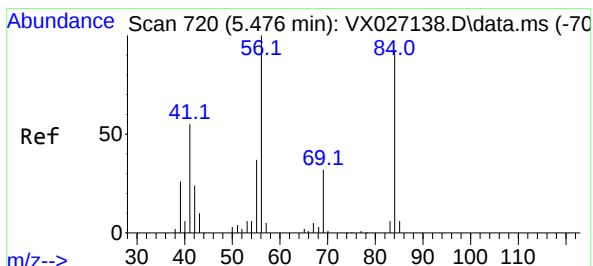
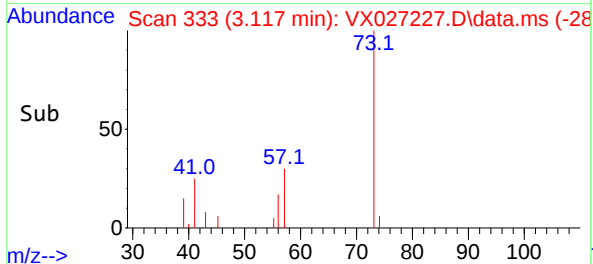
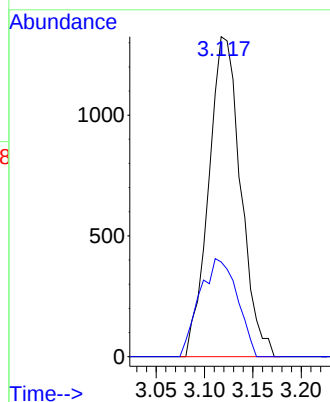
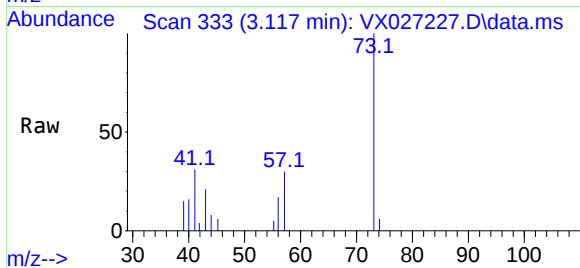
MW-28DL

Tgt Ion: 73 Resp: 3054

Ion Ratio Lower Upper

73 100

57 29.6 17.4 26.2#



#31

Cyclohexane

Concen: 0.574 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.007 min

Lab File: VX027227.D

Acq: 28 Feb 2022 17:59

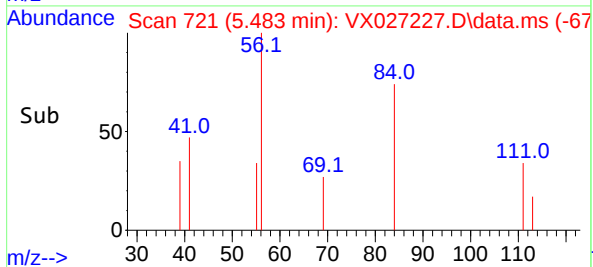
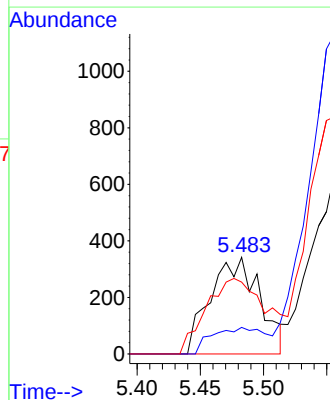
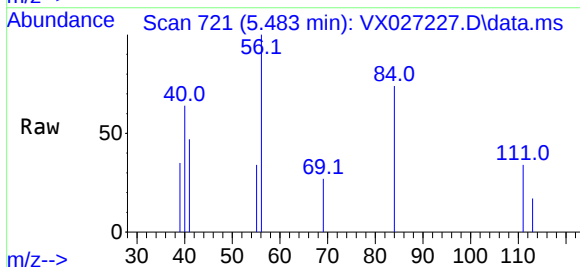
Tgt Ion: 56 Resp: 931

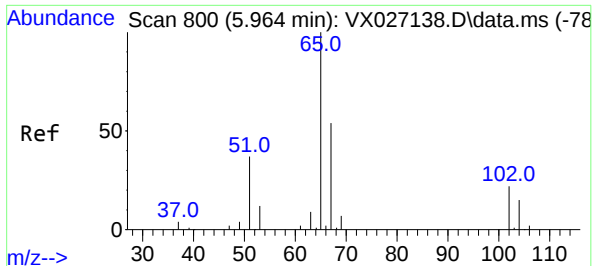
Ion Ratio Lower Upper

56 100

69 27.5 25.8 38.6

84 74.3 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 51.100 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027227.D

Acq: 28 Feb 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

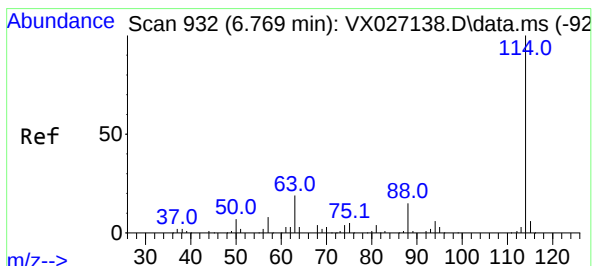
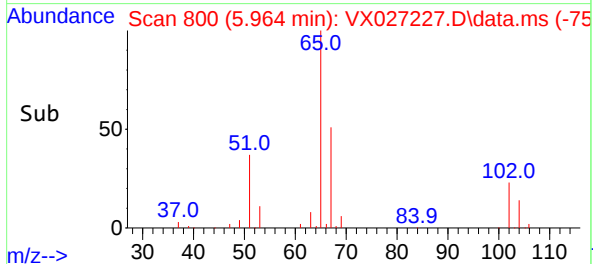
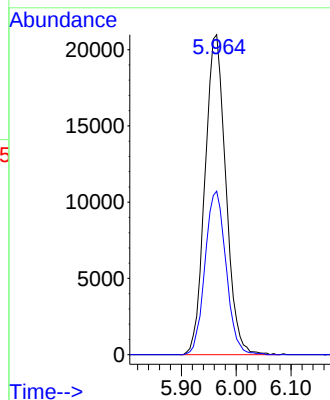
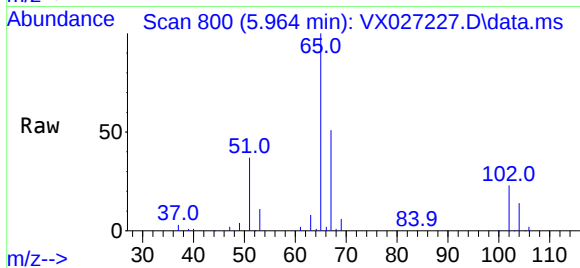
MW-28DL

Tgt Ion: 65 Resp: 55323

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX027227.D

Acq: 28 Feb 2022 17:59

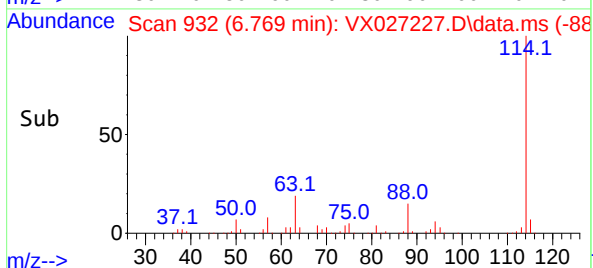
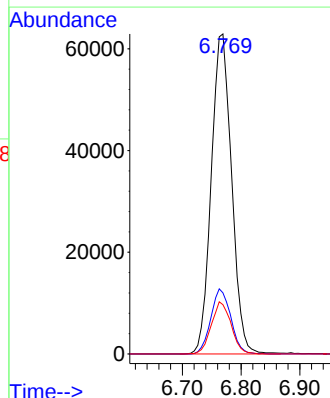
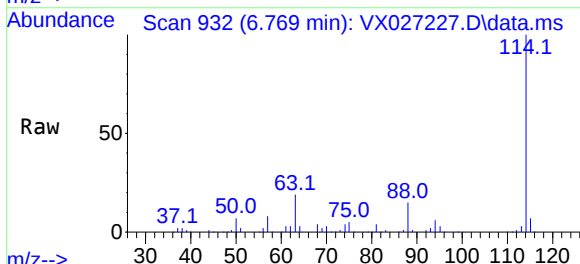
Tgt Ion: 114 Resp: 151264

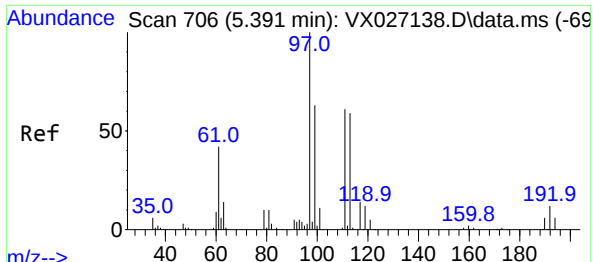
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

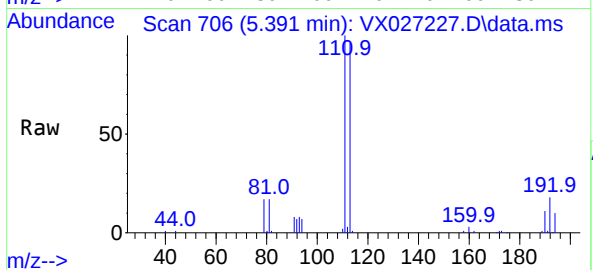
88 15.4 0.0 33.0





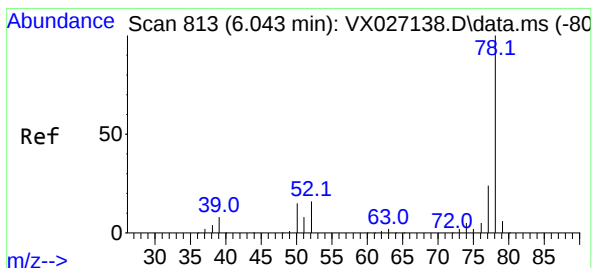
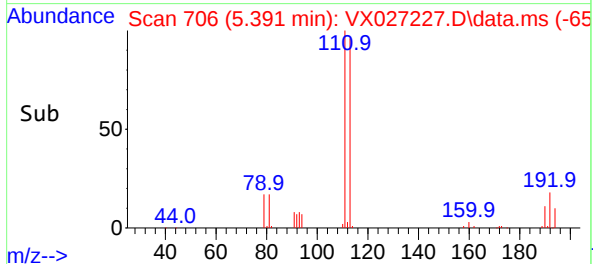
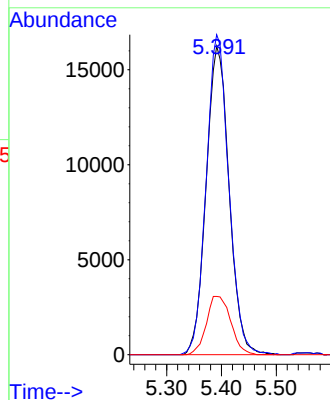
#35
Dibromofluoromethane
Concen: 50.294 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL



Tgt Ion:113 Resp: 47222

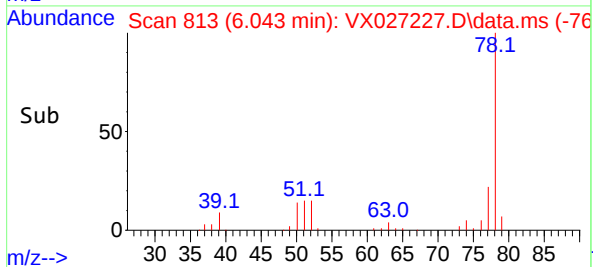
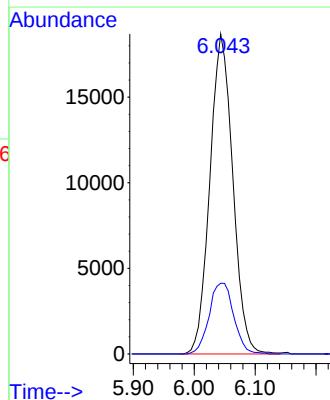
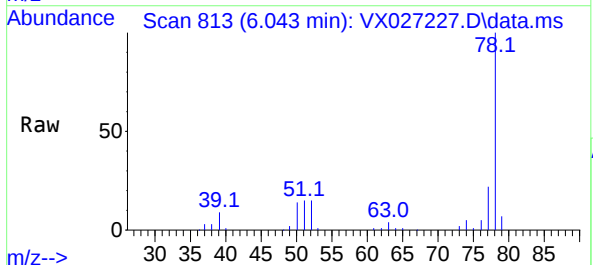
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	20.0	15.0	22.4

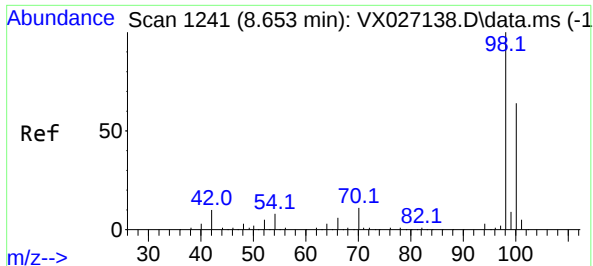


#40
Benzene
Concen: 12.182 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Tgt Ion: 78 Resp: 48815

Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.9	28.3

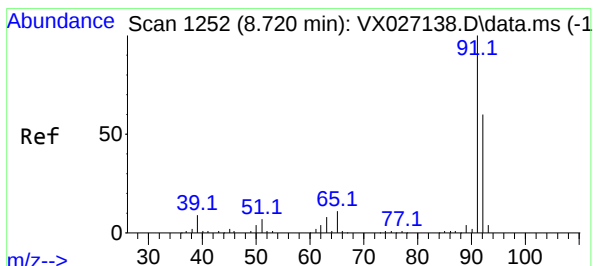
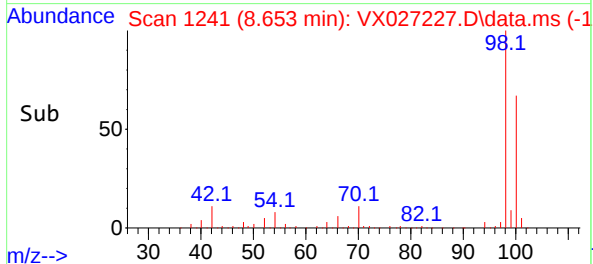
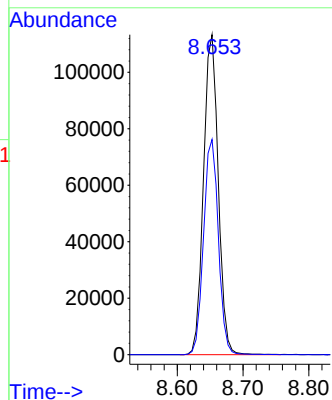
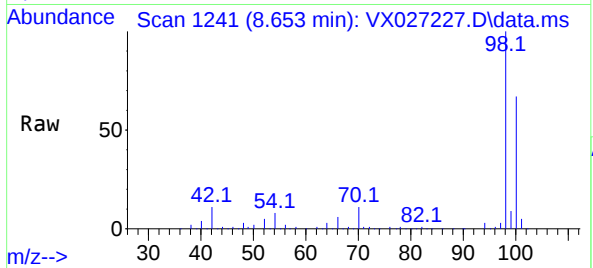




#50
Toluene-d8
Concen: 50.315 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

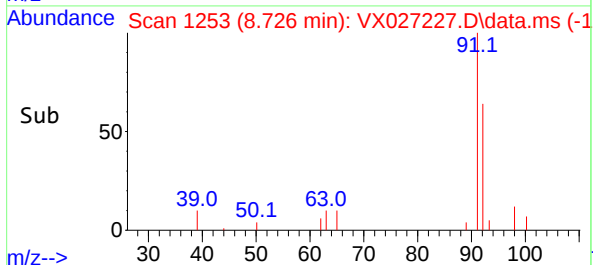
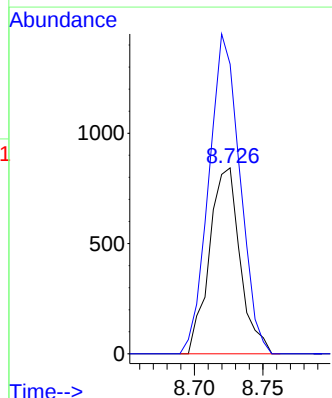
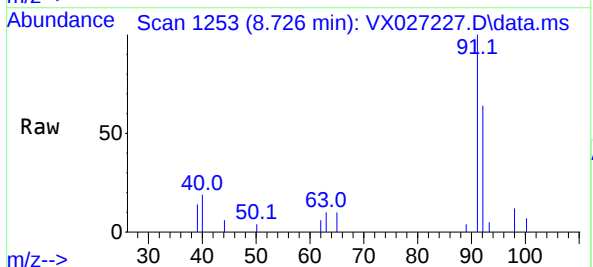
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

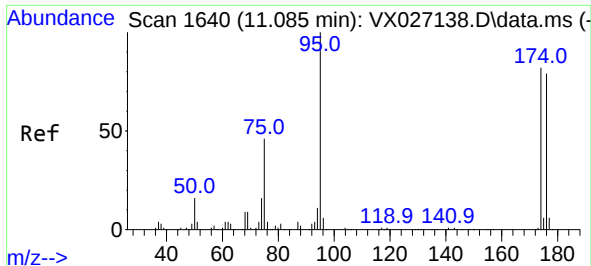
Tgt Ion: 98 Resp: 176644
Ion Ratio Lower Upper
98 100
100 67.5 53.2 79.8



#52
Toluene
Concen: 0.512 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Tgt Ion: 92 Resp: 1314
Ion Ratio Lower Upper
92 100
91 174.5 135.7 203.5

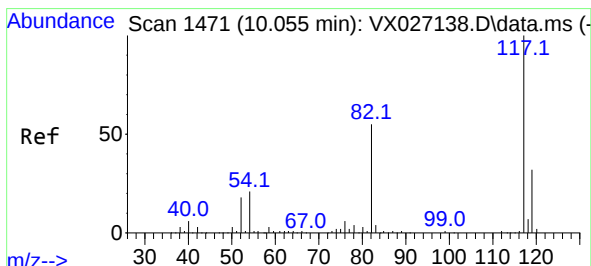
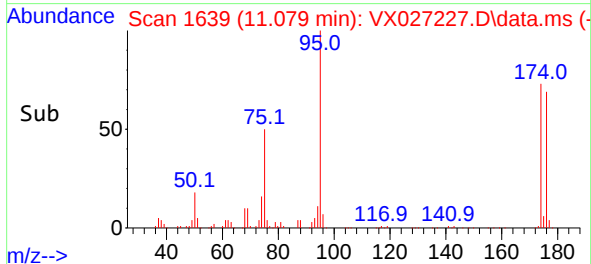
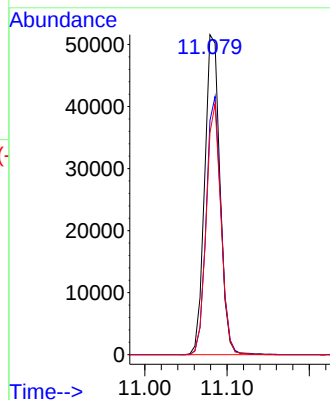
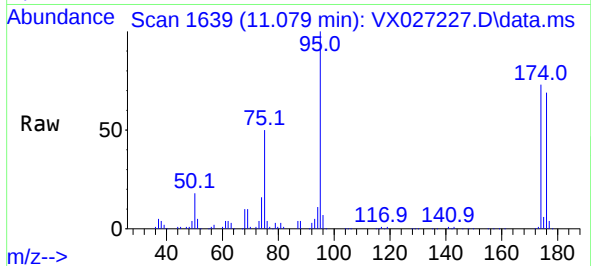




#62
4-Bromofluorobenzene
Concen: 49.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

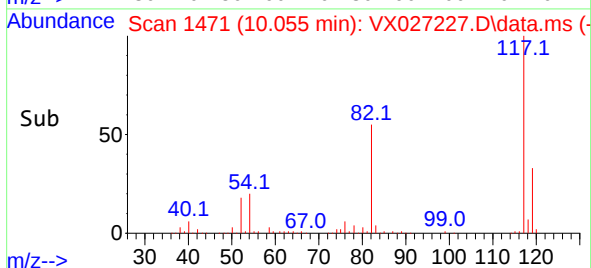
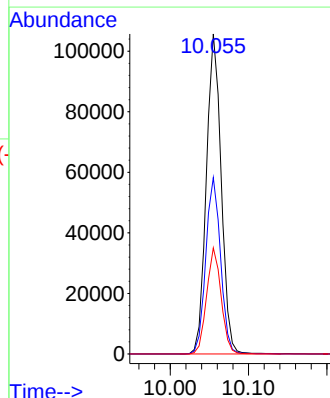
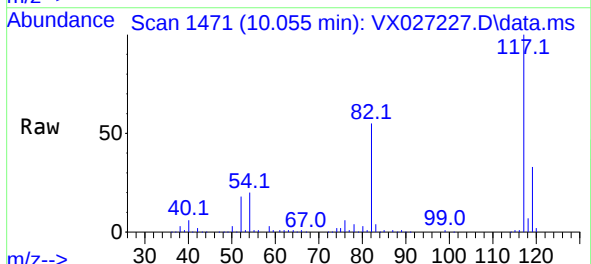
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

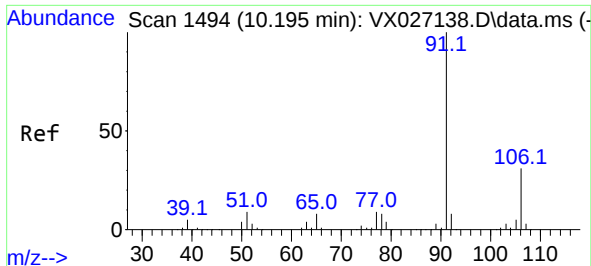
Tgt Ion: 95 Resp: 66621
Ion Ratio Lower Upper
95 100
174 77.8 0.0 148.6
176 75.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Tgt Ion: 117 Resp: 138766
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 33.2 26.2 39.2

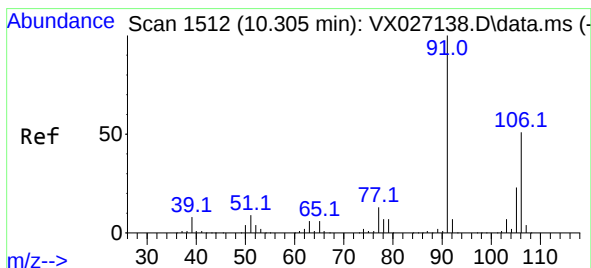
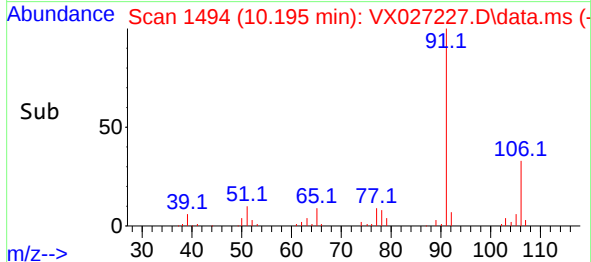
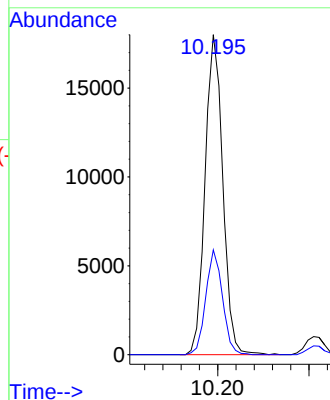
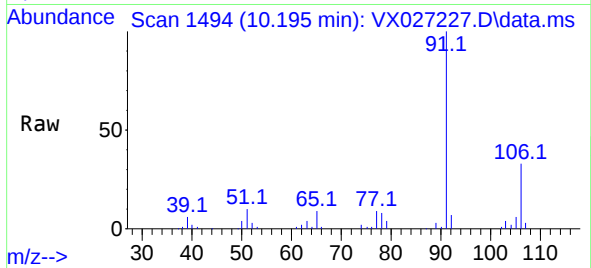




#67
Ethyl Benzene
Concen: 4.856 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

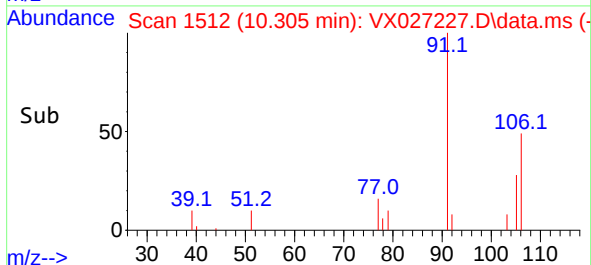
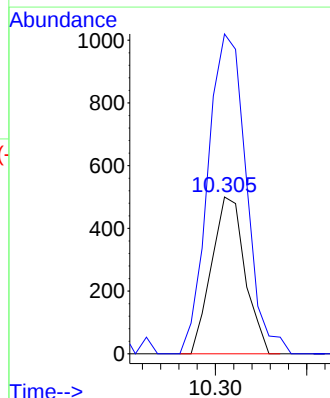
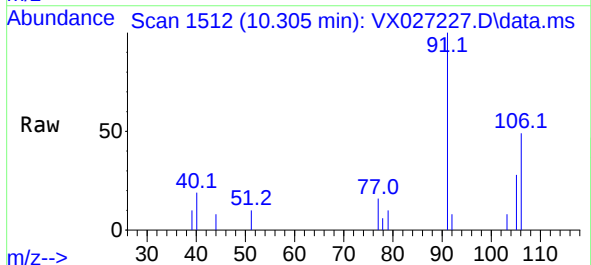
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

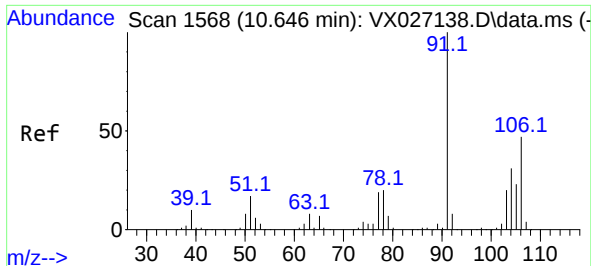
Tgt Ion: 91 Resp: 24113
Ion Ratio Lower Upper
91 100
106 32.7 24.7 37.1



#68
m/p-Xylenes
Concen: 0.333 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Tgt Ion: 106 Resp: 636
Ion Ratio Lower Upper
106 100
91 233.3 165.3 247.9

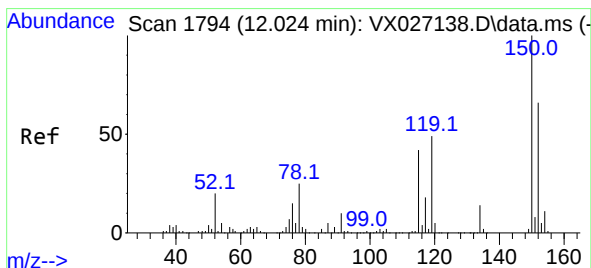
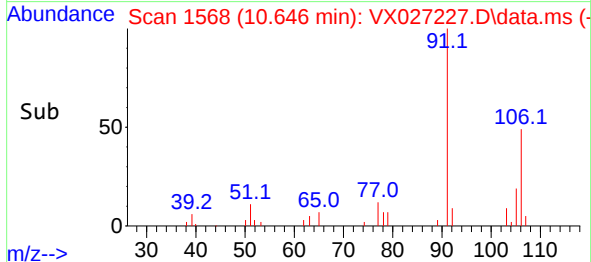
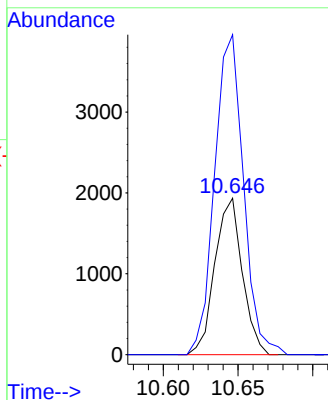
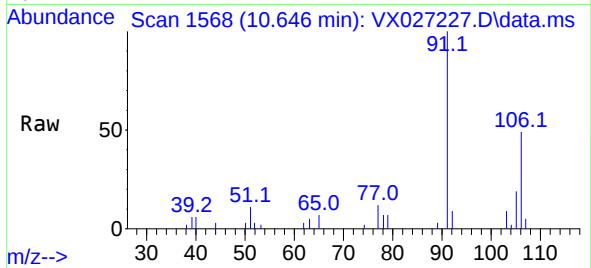




#69
o-Xylene
Concen: 1.289 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

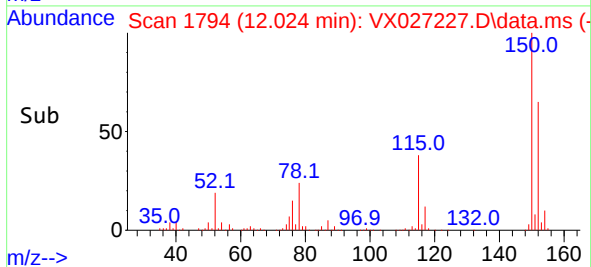
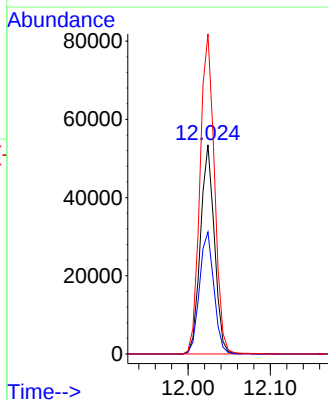
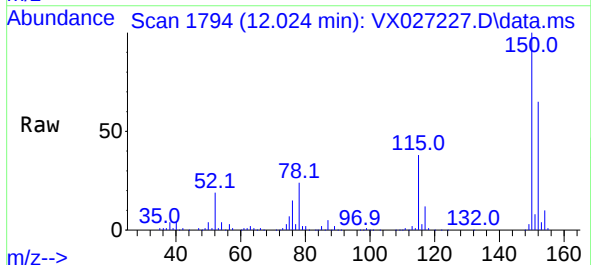
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

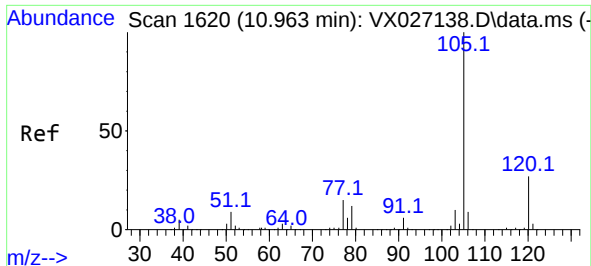
Tgt Ion:106 Resp: 2470
Ion Ratio Lower Upper
106 100
91 215.3 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Tgt Ion:152 Resp: 63182
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 158.4 0.0 348.2

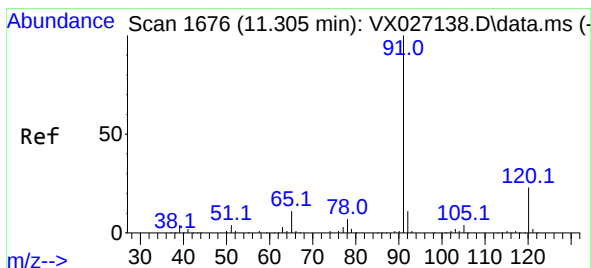
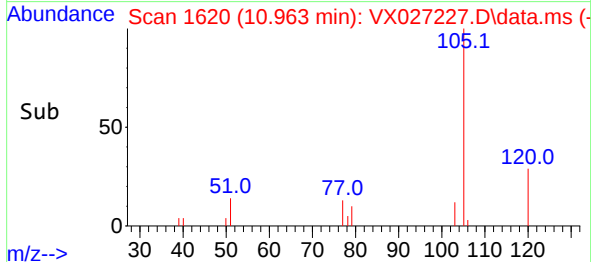
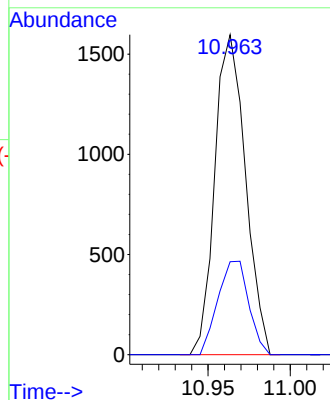
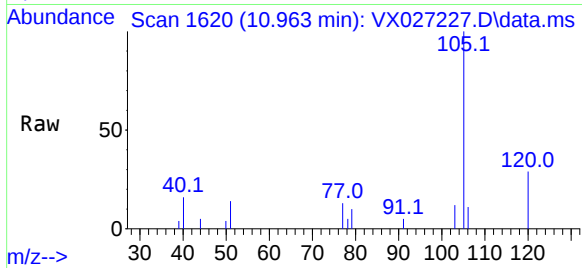




#73
Isopropylbenzene
Concen: 0.458 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

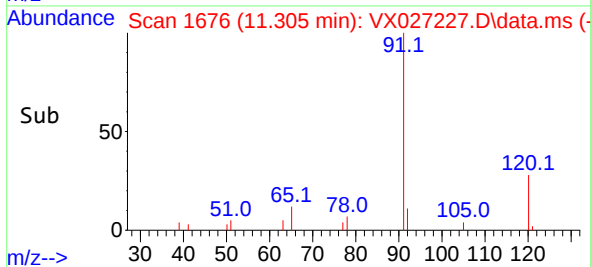
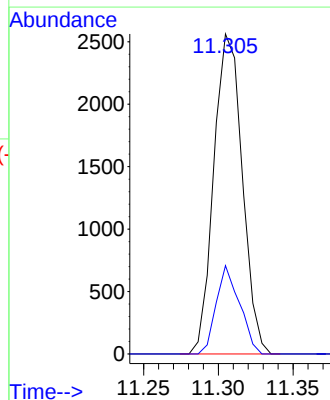
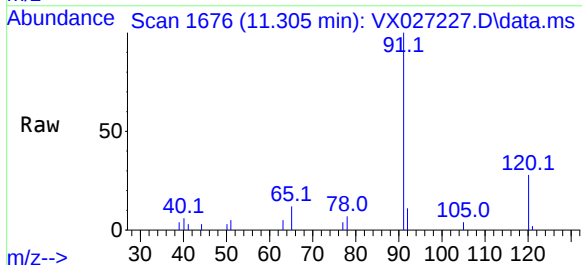
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

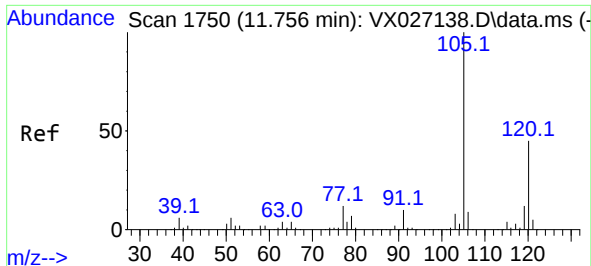
Tgt Ion:105 Resp: 2070
Ion Ratio Lower Upper
105 100
120 29.5 13.1 39.1



#78
n-propylbenzene
Concen: 0.661 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Tgt Ion: 91 Resp: 3395
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7

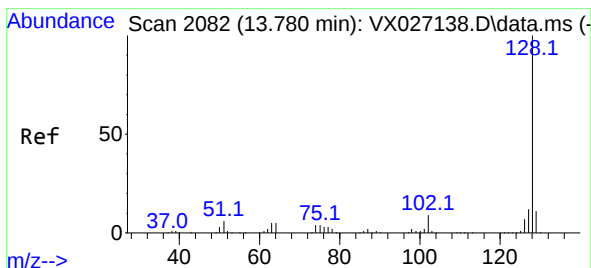
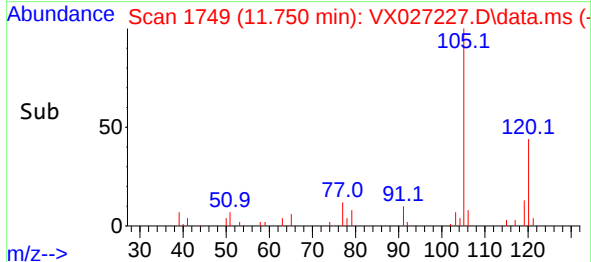
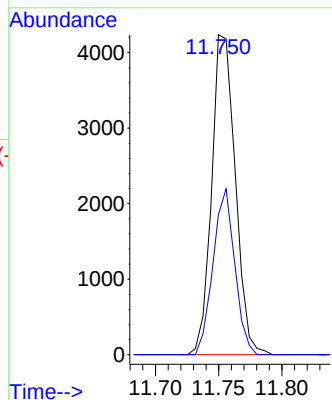
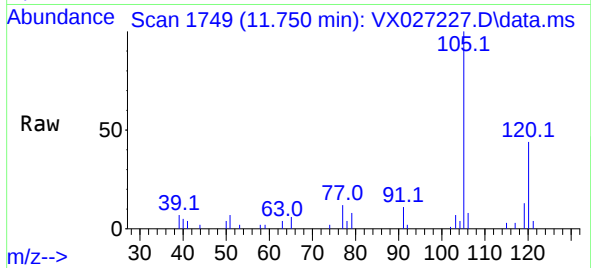




#84
1,2,4-Trimethylbenzene
Concen: 1.456 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

Tgt Ion:105 Resp: 5506
Ion Ratio Lower Upper
105 100
120 47.5 21.9 65.5



#95
Naphthalene
Concen: 0.694 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027227.D
Acq: 28 Feb 2022 17:59

Tgt Ion:128 Resp: 3079
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 12.9 8.7 13.1

