

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027229.D
 Acq On : 28 Feb 2022 18:46
 Operator : JC/MD
 Sample : N1688-18DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35DL

Quant Time: Mar 01 00:45:54 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)

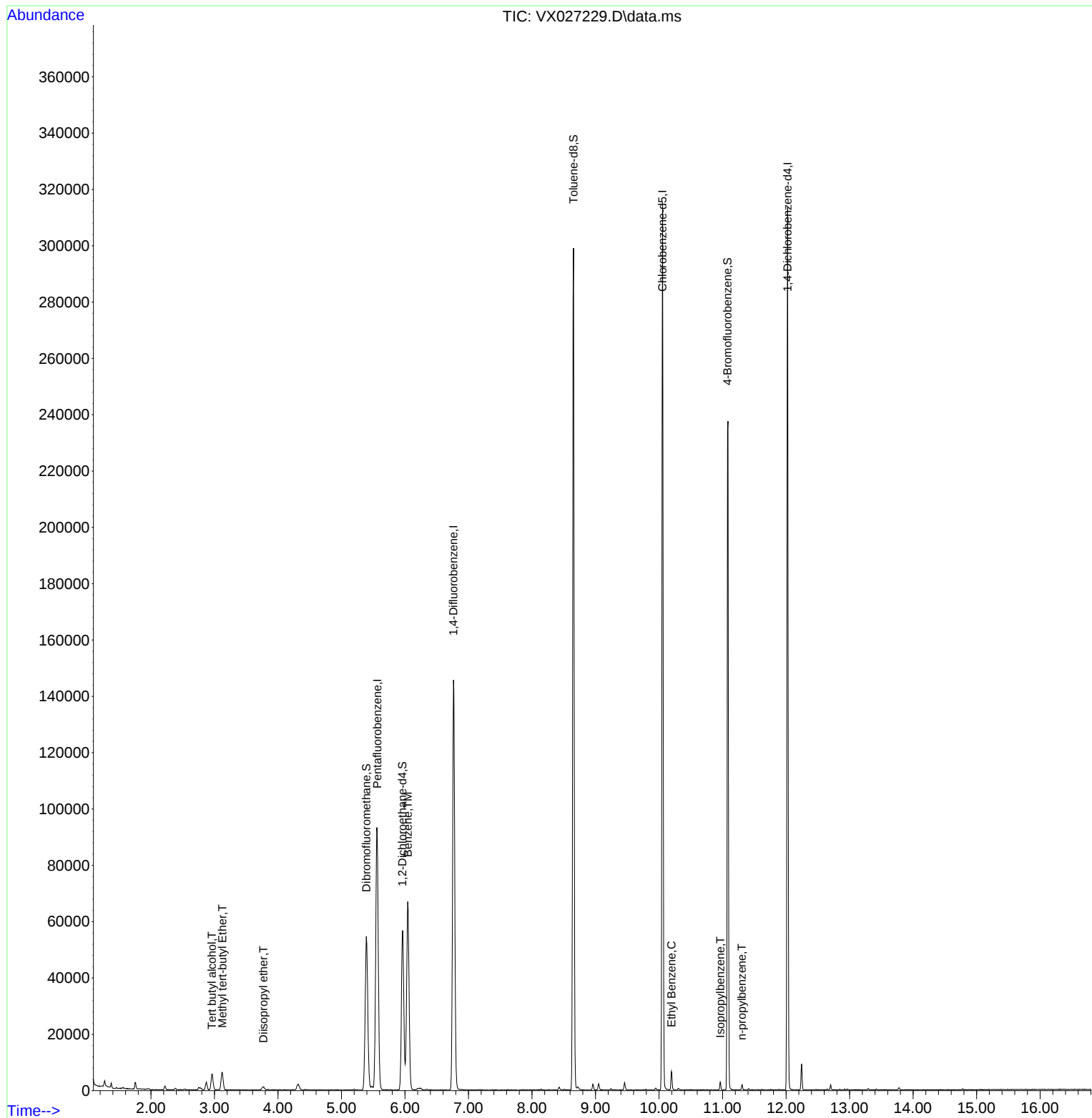
Internal Standards						
1) Pentafluorobenzene	5.562	168	90998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54640	49.996	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.000%	
35) Dibromofluoromethane	5.391	113	47433	50.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.320%	
50) Toluene-d8	8.653	98	176806	50.002	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	11.079	95	66859	49.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.520%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	6771	31.843	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	6963	2.291	ug/l	99
22) Diisopropyl ether	3.770	45	1321	0.434	ug/l #	62
40) Benzene	6.044	78	81040	20.079	ug/l	99
67) Ethyl Benzene	10.195	91	4041	0.811	ug/l	98
73) Isopropylbenzene	10.964	105	1621	0.353	ug/l	95
78) n-propylbenzene	11.305	91	1554	0.298	ug/l	97

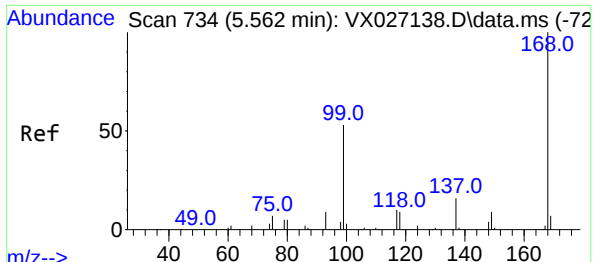
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
MW-35DL

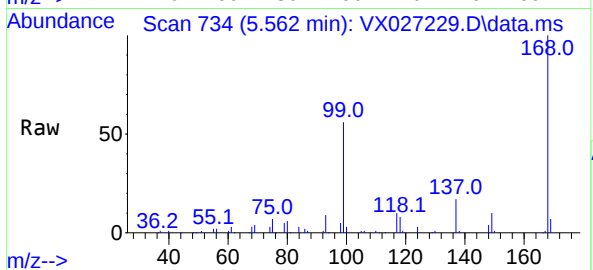
Quant Time: Mar 01 00:45:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



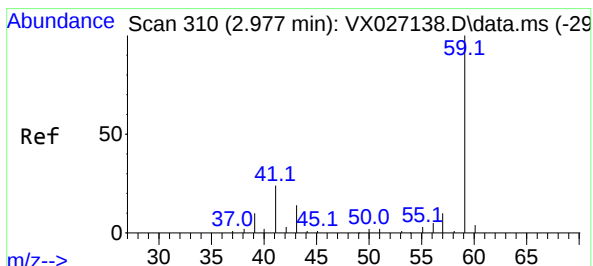
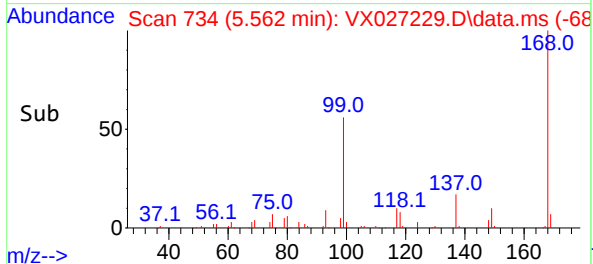
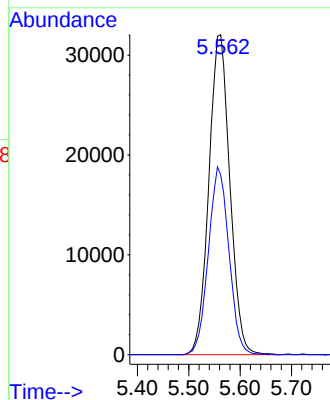


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

Instrument :
MSVOA_X
ClientSampleId :
MW-35DL

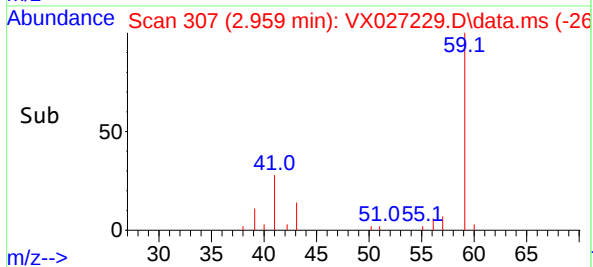
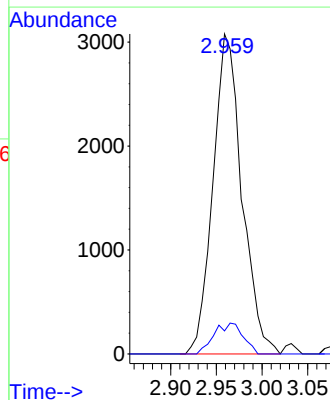
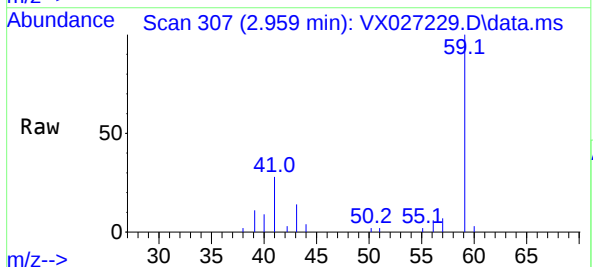


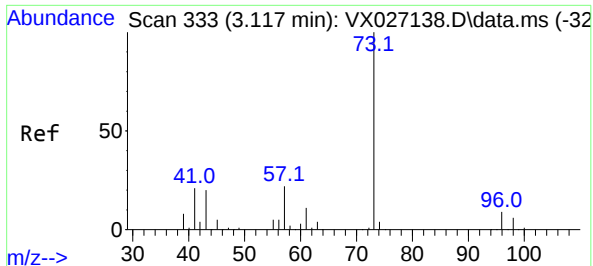
Tgt Ion:168 Resp: 90998
Ion Ratio Lower Upper
168 100
99 56.2 50.3 75.5



#11
Tert butyl alcohol
Concen: 31.843 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

Tgt Ion: 59 Resp: 6771
Ion Ratio Lower Upper
59 100
57 9.7 7.2 10.8





#19

Methyl tert-butyl Ether

Concen: 2.291 ug/l

RT: 3.123 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX027229.D

Acq: 28 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

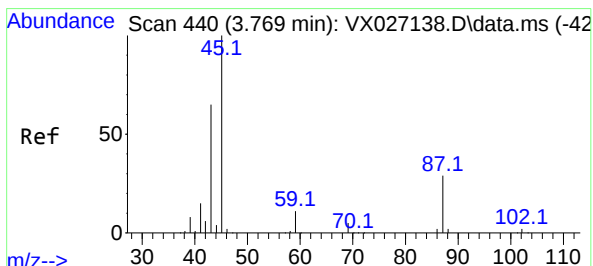
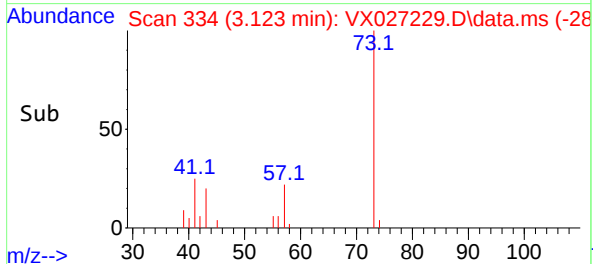
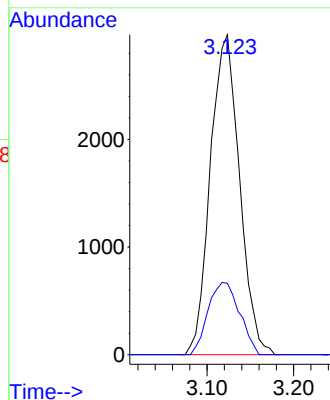
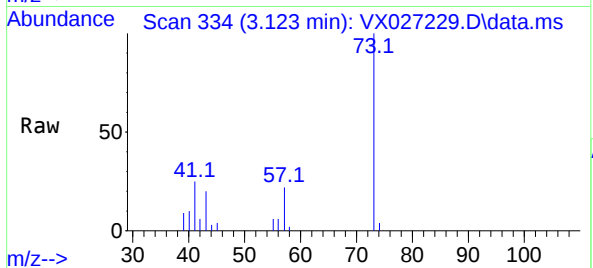
MW-35DL

Tgt Ion: 73 Resp: 6963

Ion Ratio Lower Upper

73 100

57 22.3 17.4 26.2



#22

Diisopropyl ether

Concen: 0.434 ug/l

RT: 3.770 min Scan# 440

Delta R.T. 0.001 min

Lab File: VX027229.D

Acq: 28 Feb 2022 18:46

Tgt Ion: 45 Resp: 1321

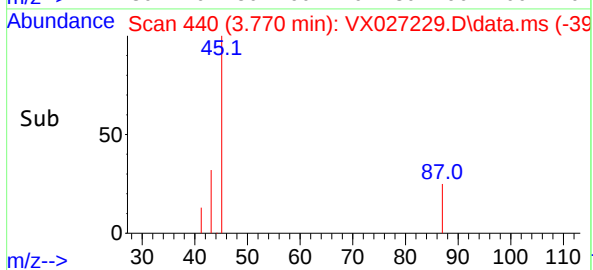
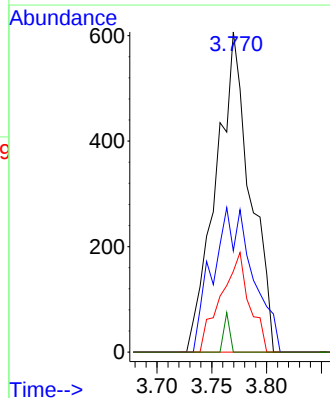
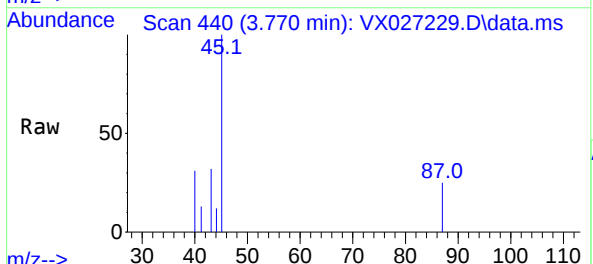
Ion Ratio Lower Upper

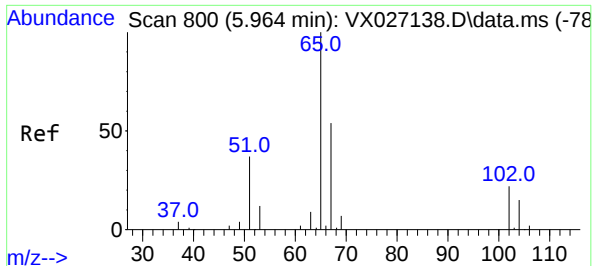
45 100

43 31.6 60.6 91.0#

87 25.2 22.0 33.0

59 0.0 9.0 13.4#





#33

1,2-Dichloroethane-d4

Concen: 49.996 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027229.D

Acq: 28 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

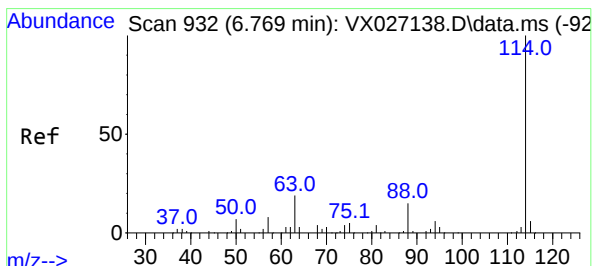
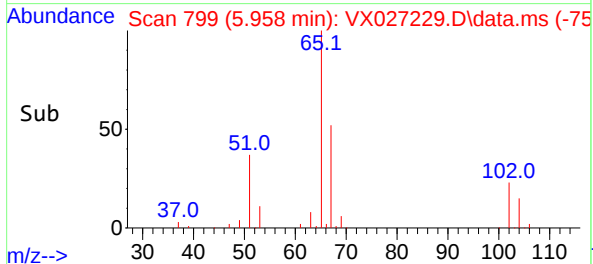
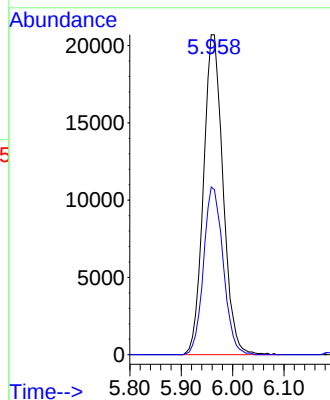
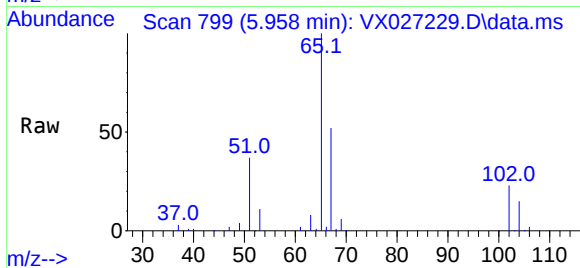
MW-35DL

Tgt Ion: 65 Resp: 54640

Ion Ratio Lower Upper

65 100

67 52.7 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: VX027229.D

Acq: 28 Feb 2022 18:46

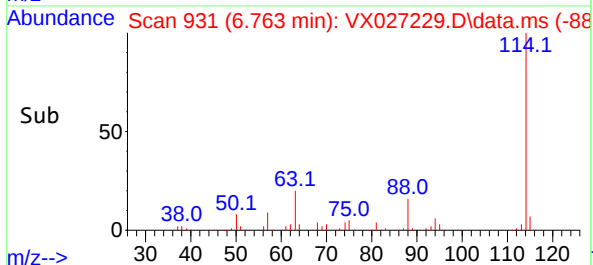
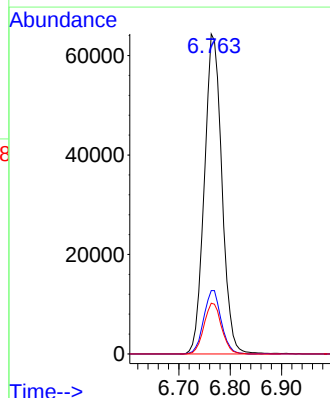
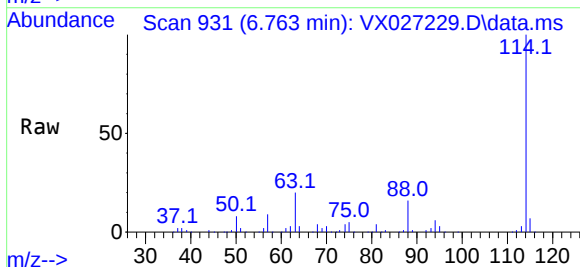
Tgt Ion: 114 Resp: 152350

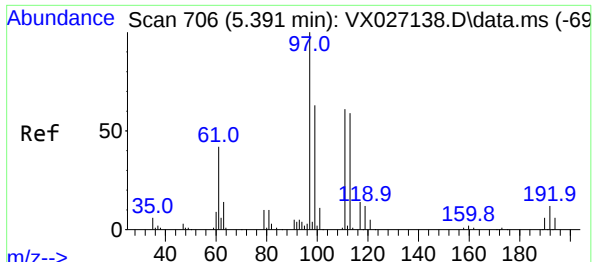
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.159 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027229.D

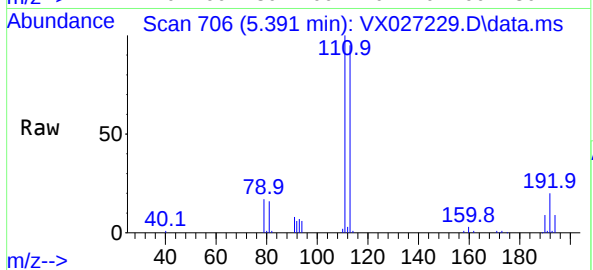
Acq: 28 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

MW-35DL



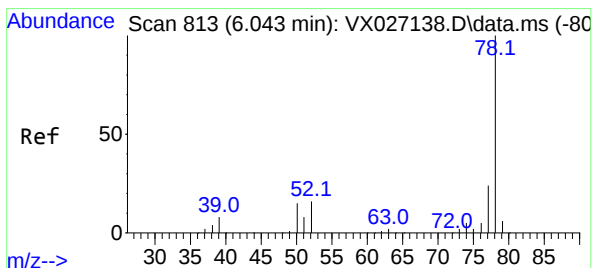
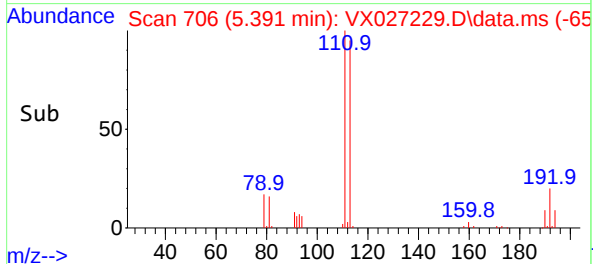
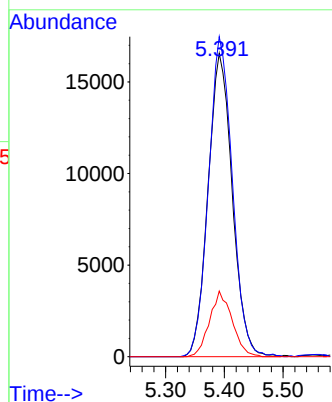
Tgt Ion:113 Resp: 47433

Ion Ratio Lower Upper

113 100

111 103.8 81.2 121.8

192 20.2 15.0 22.4



#40

Benzene

Concen: 20.079 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.001 min

Lab File: VX027229.D

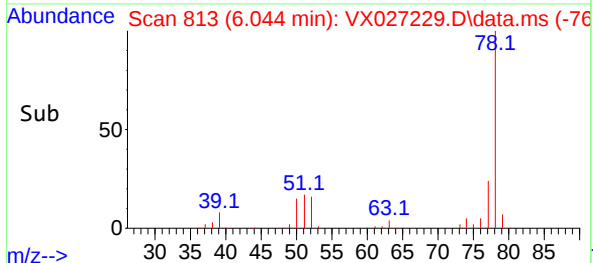
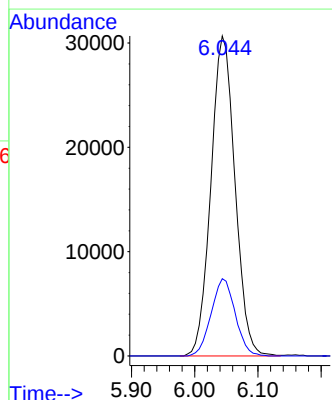
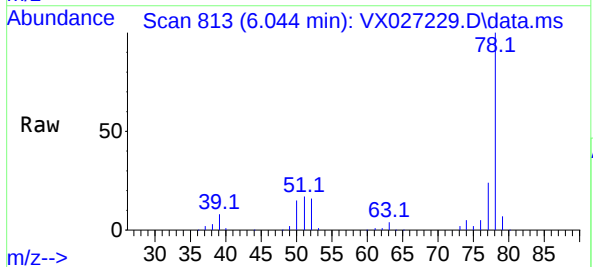
Acq: 28 Feb 2022 18:46

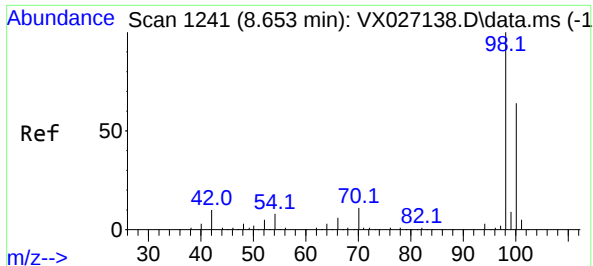
Tgt Ion: 78 Resp: 81040

Ion Ratio Lower Upper

78 100

77 24.1 18.9 28.3

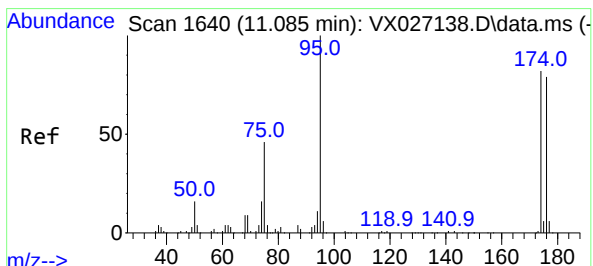
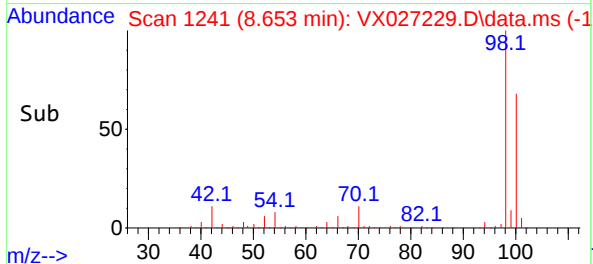
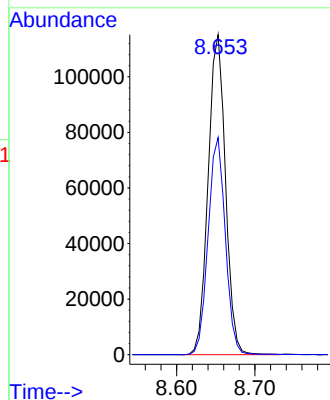
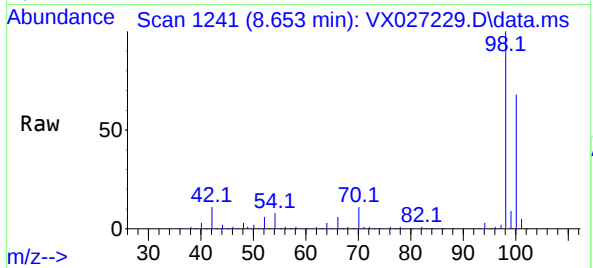




#50
Toluene-d8
Concen: 50.002 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

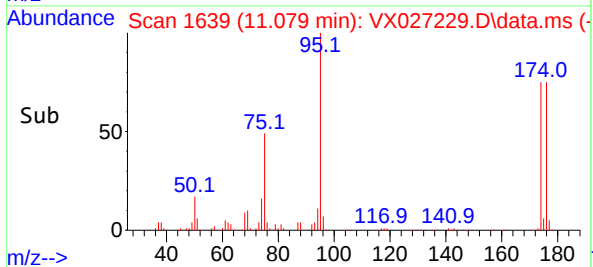
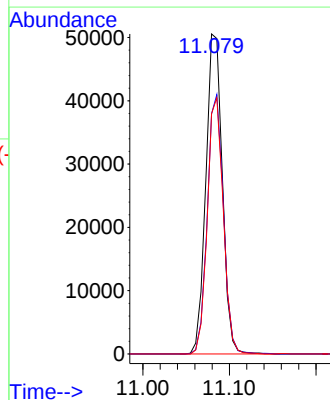
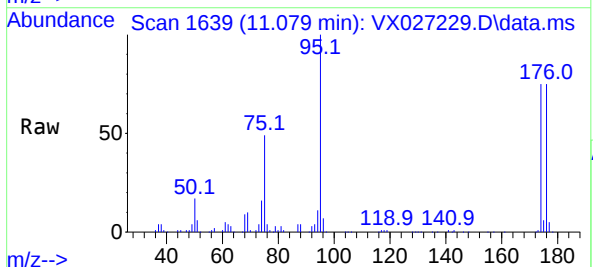
Instrument :
MSVOA_X
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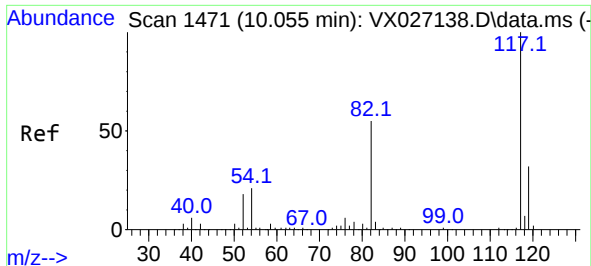
Tgt Ion: 98 Resp: 176806
Ion Ratio Lower Upper
98 100
100 67.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

Tgt Ion: 95 Resp: 66859
Ion Ratio Lower Upper
95 100
174 78.9 0.0 148.6
176 77.3 0.0 141.4

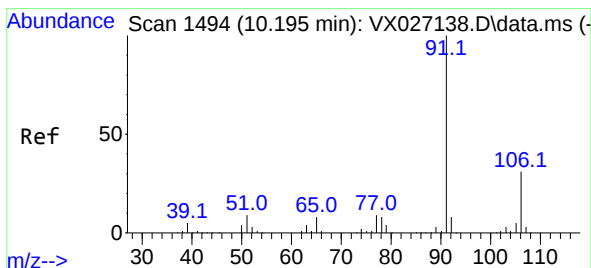
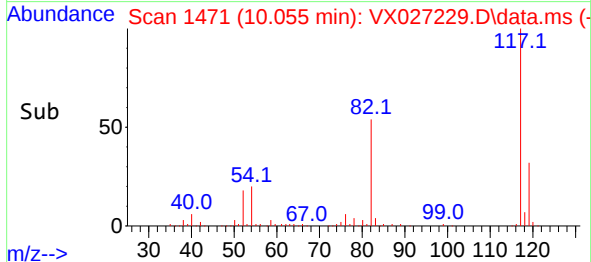
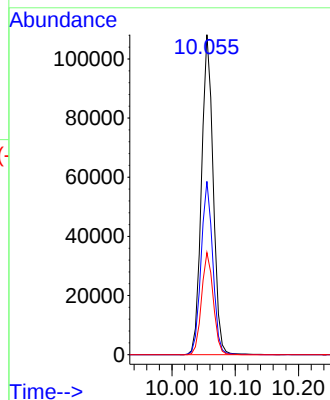
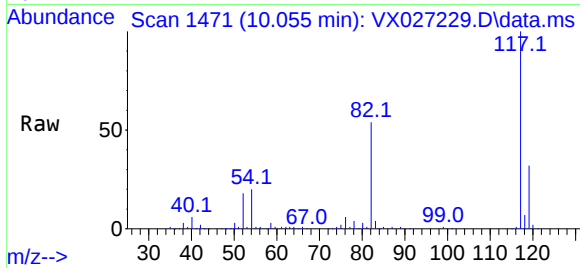




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

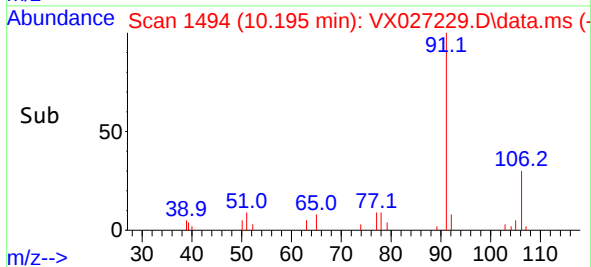
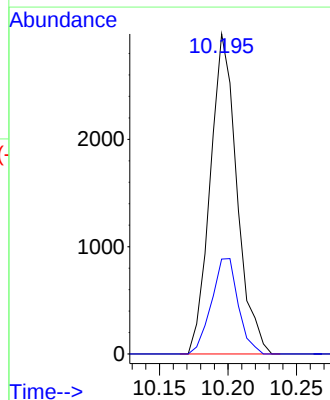
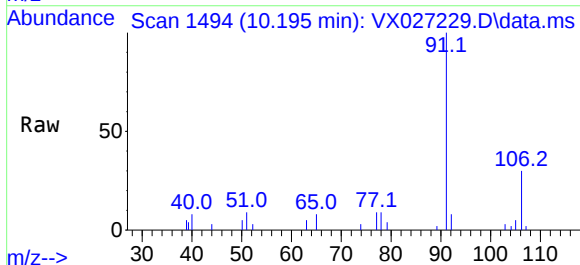
Instrument :
MSVOA_X
ClientSampleId :
MW-35DL

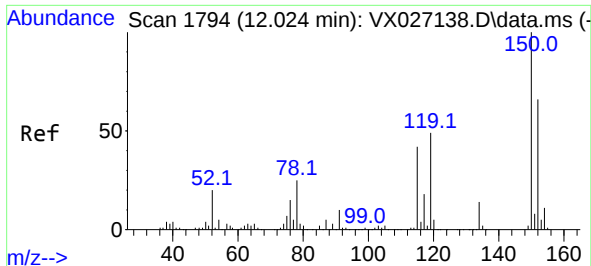
Tgt Ion:117 Resp: 139172
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 31.9 26.2 39.2



#67
Ethyl Benzene
Concen: 0.811 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

Tgt Ion: 91 Resp: 4041
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1

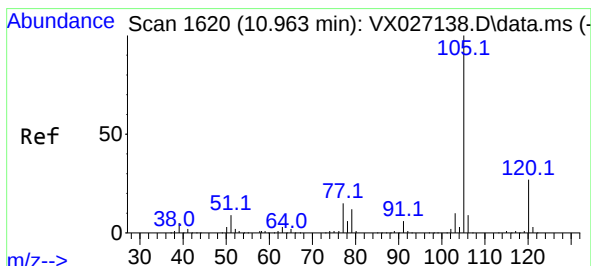
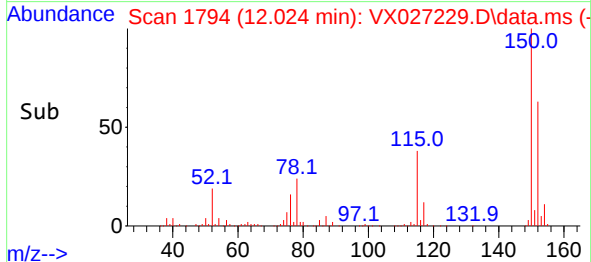
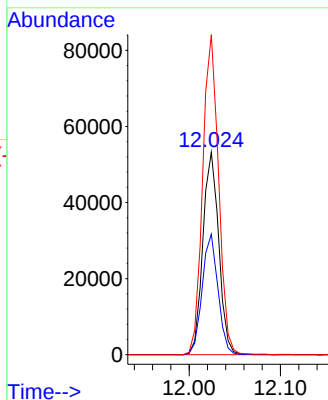
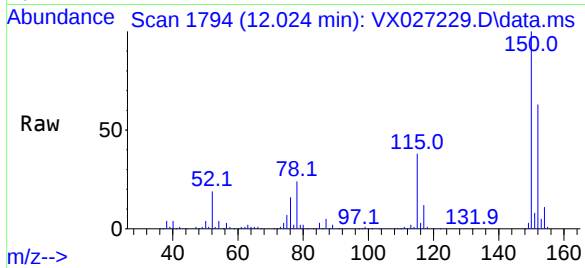




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

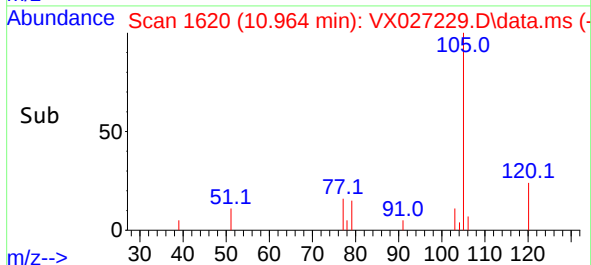
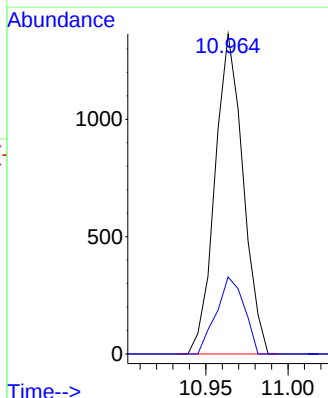
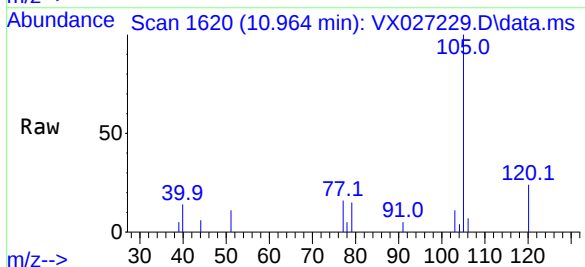
Instrument :
MSVOA_X
ClientSampleId :
MW-35DL

Tgt Ion:152 Resp: 64103
Ion Ratio Lower Upper
152 100
115 59.1 44.2 132.6
150 158.3 0.0 348.2

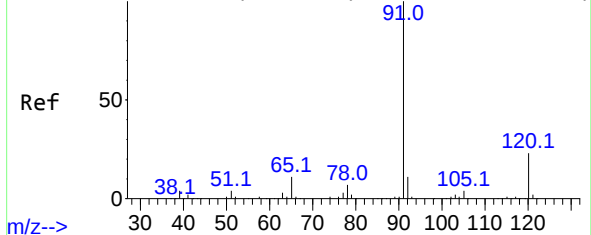


#73
Isopropylbenzene
Concen: 0.353 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

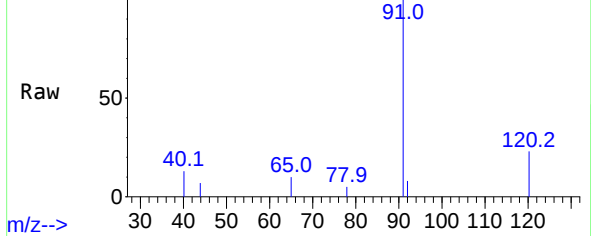
Tgt Ion:105 Resp: 1621
Ion Ratio Lower Upper
105 100
120 23.7 13.1 39.1



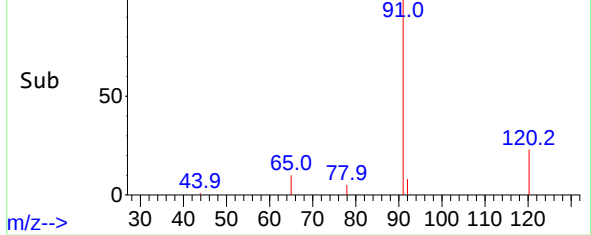
Abundance Scan 1676 (11.305 min): VX027138.D\data.ms (-



Abundance Scan 1676 (11.305 min): VX027229.D\data.ms (-



Abundance Scan 1676 (11.305 min): VX027229.D\data.ms (-



#78
n-propylbenzene
Concen: 0.298 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027229.D
Acq: 28 Feb 2022 18:46

Instrument :
MSVOA_X
ClientSampleId :
MW-35DL

Tgt Ion: 91 Resp: 1554
Ion Ratio Lower Upper
91 100
120 21.6 11.6 34.7

