

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019024.D
 Acq On : 22 Oct 2020 14:08
 Operator : JC/SP
 Sample : L4417-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Oct 23 09:04:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

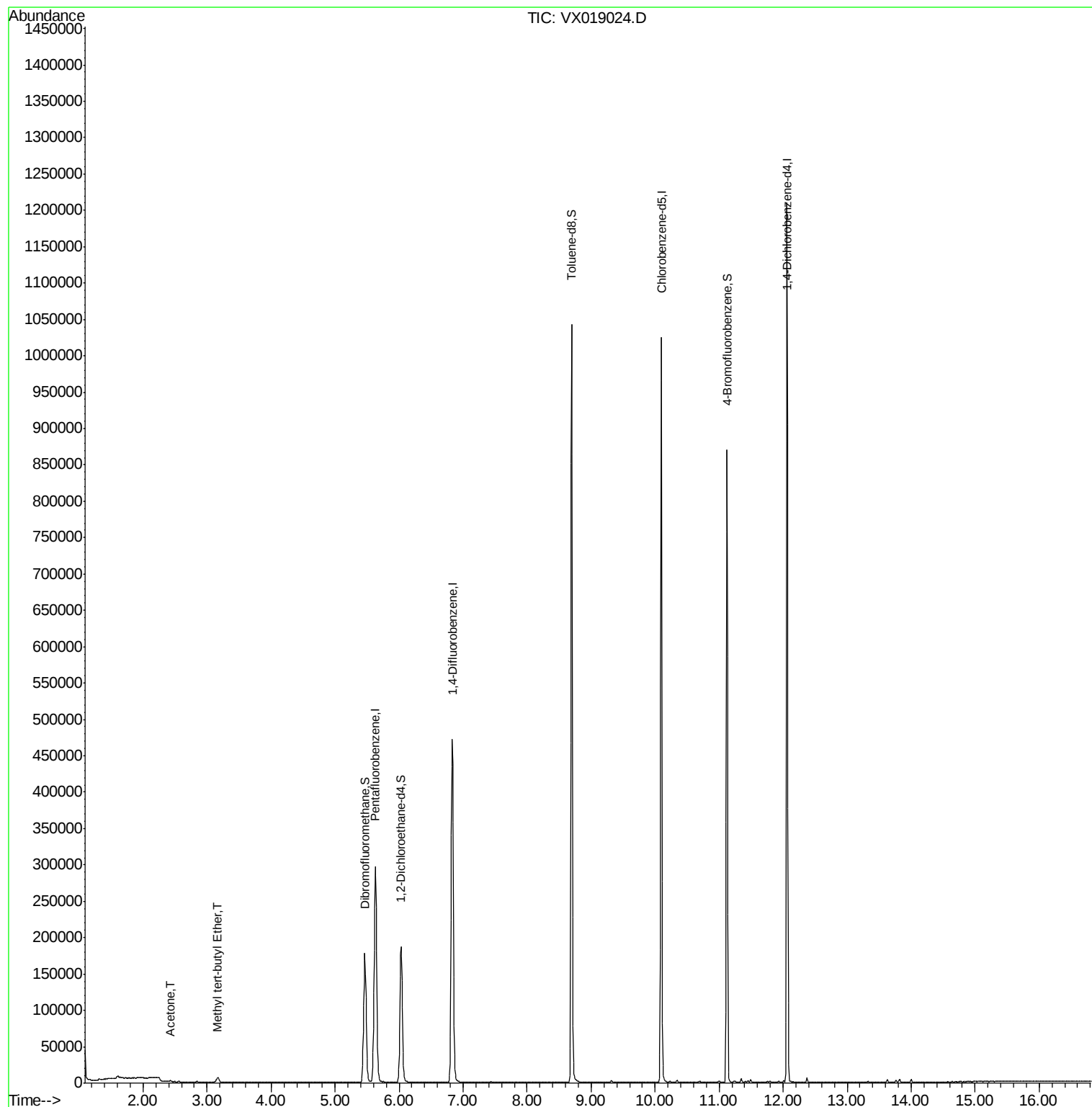
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	509214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	176237	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	5.46	113	154550	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	8.70	98	627691	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.12	95	227248	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
Target Compounds						
16) Acetone	2.42	43	2076	1.737	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	8355	0.925	ug/l	99

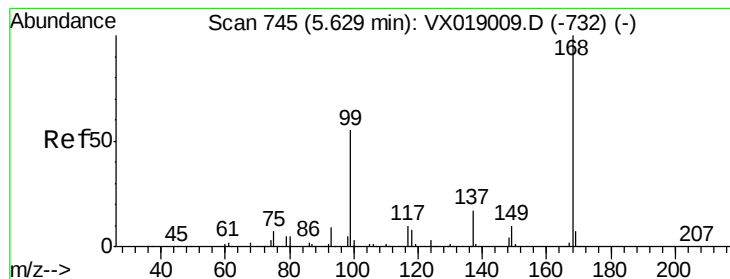
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019024.D

Acq: 22 Oct 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

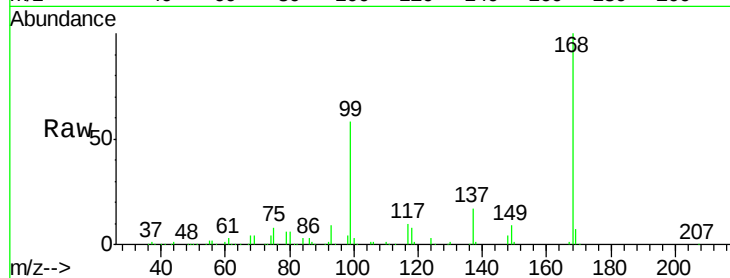
MW-7

Tot Ion:168 Resp: 292934

Ion Ratio Lower Upper

168 100

99 57.6 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

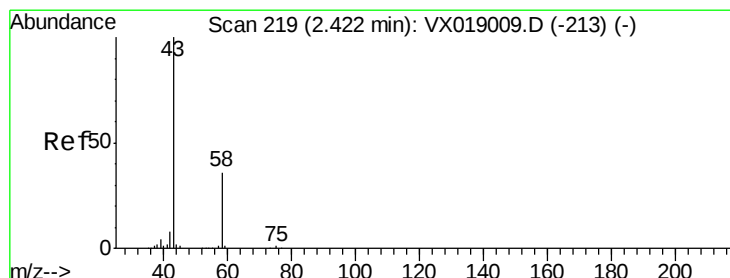
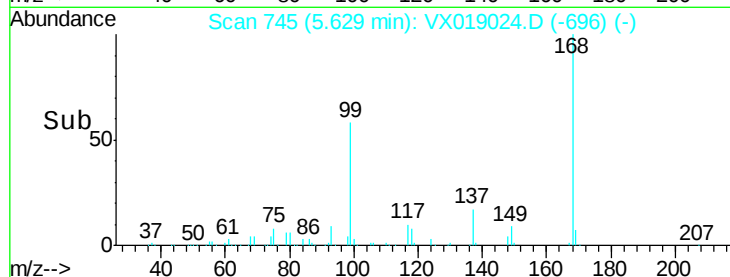
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.737 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019024.D

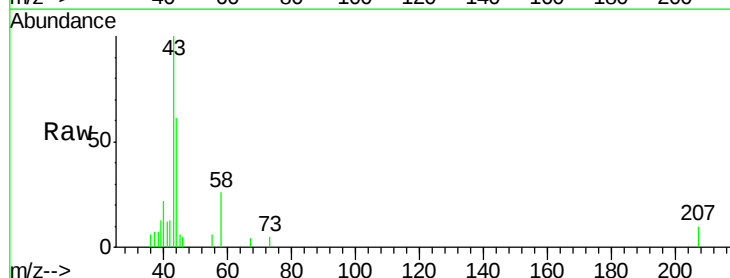
Acq: 22 Oct 2020 14:08

Tgt Ion: 43 Resp: 2076

Ion Ratio Lower Upper

43 100

58 28.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

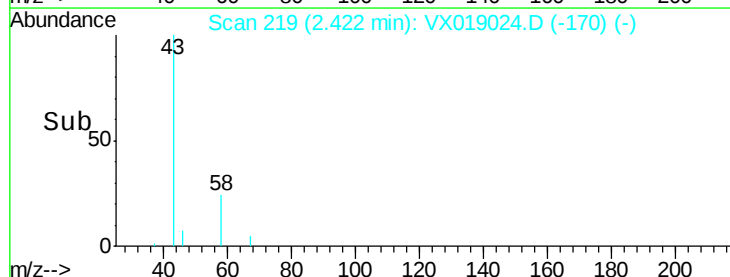
1500

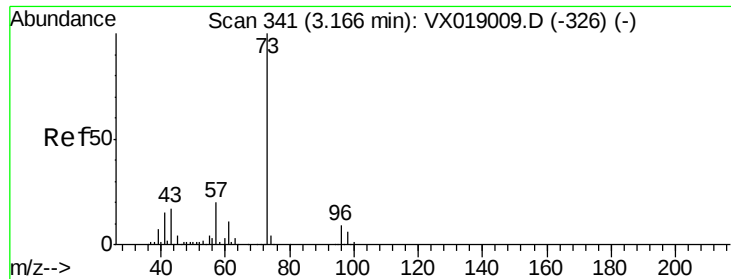
1000

500

0

Time-->



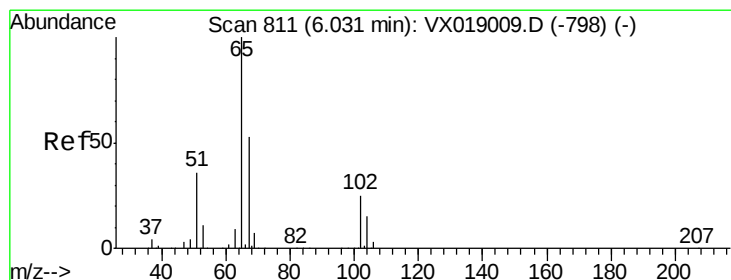
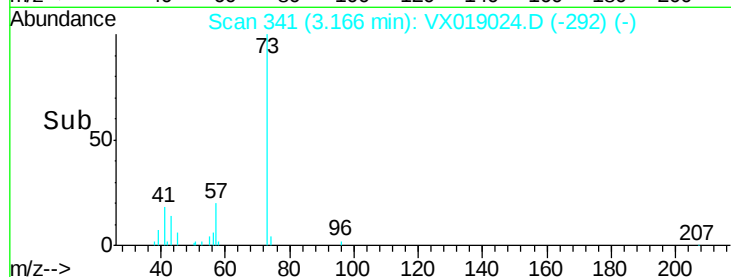
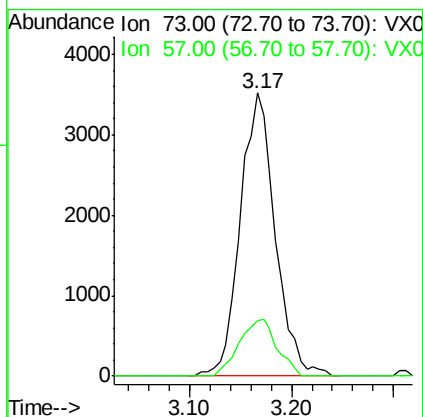
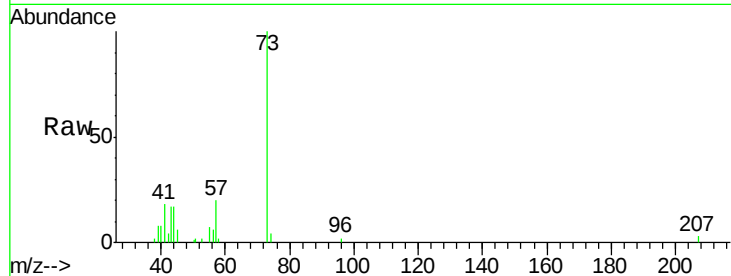


#19

Methvl tert-butvl Ether
 Concen: 0.925 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019024.D
 Acq: 22 Oct 2020 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

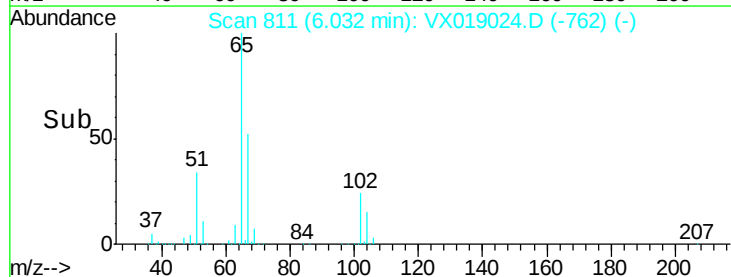
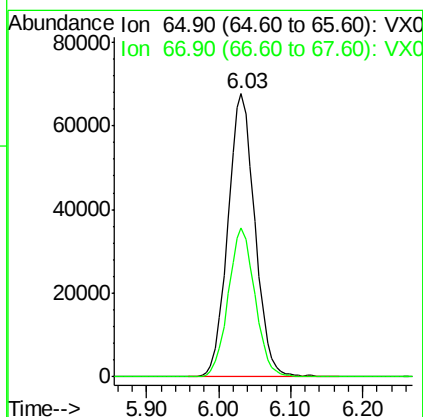
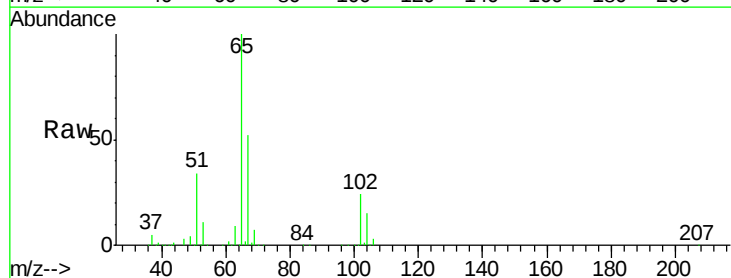
Tot Ion: 73 Resp: 8355
 Ion Ratio Lower Upper
 73 100
 57 19.5 16.2 24.2

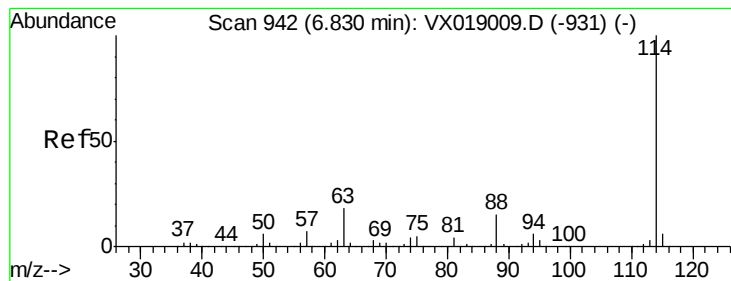


#33

1,2-Dichloroethane-d4
 Concen: 50.226 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019024.D
 Acq: 22 Oct 2020 14:08

Tgt Ion: 65 Resp: 176237
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019024.D

Acq: 22 Oct 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

MW-7

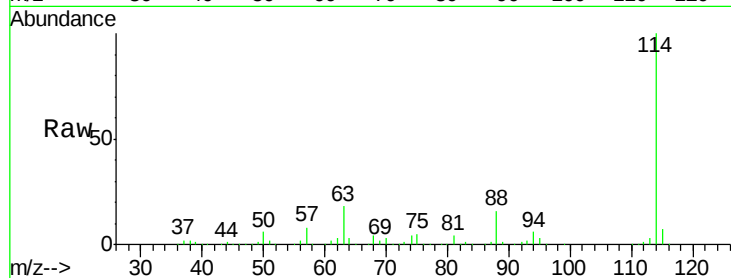
Tot Ion:114 Resp: 509214

Ion Ratio Lower Upper

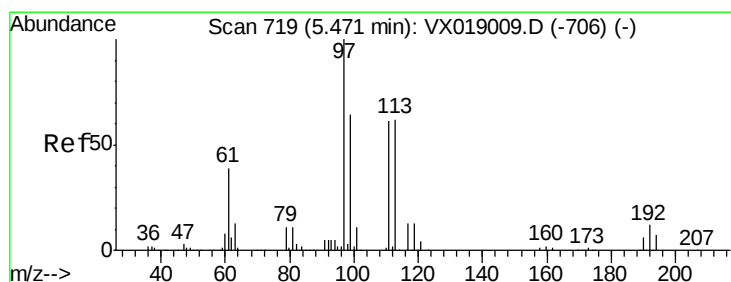
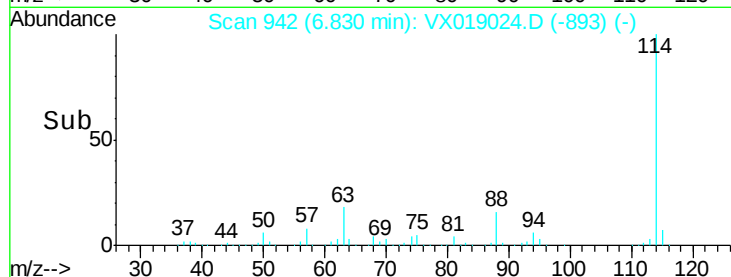
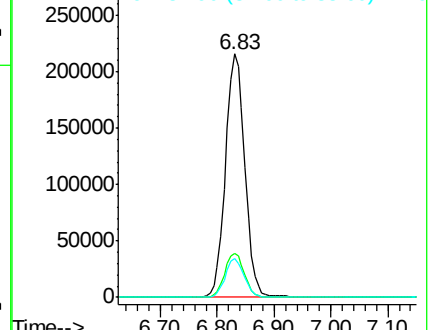
114 100

63 18.1 0.0 36.8

88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.937 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019024.D

Acq: 22 Oct 2020 14:08

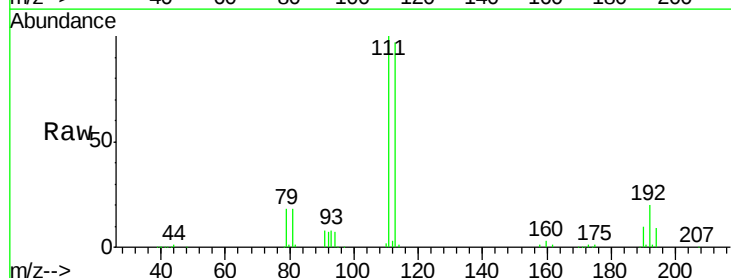
Tgt Ion:113 Resp: 154550

Ion Ratio Lower Upper

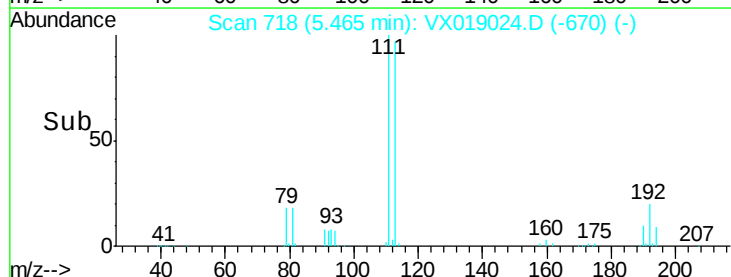
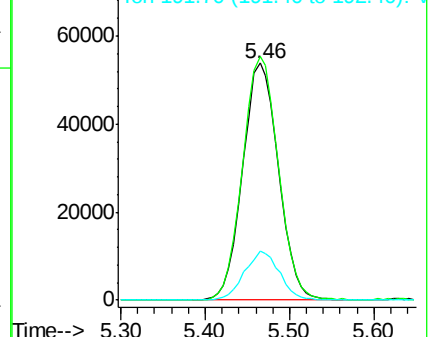
113 100

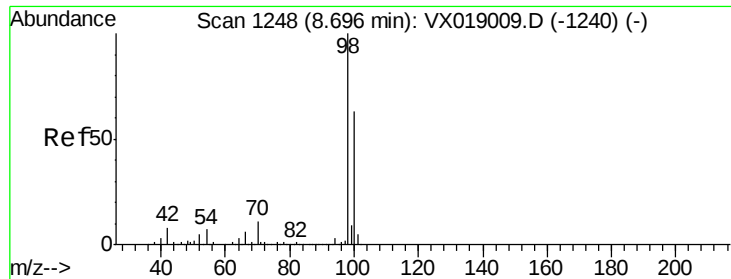
111 102.8 81.5 122.3

192 20.2 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

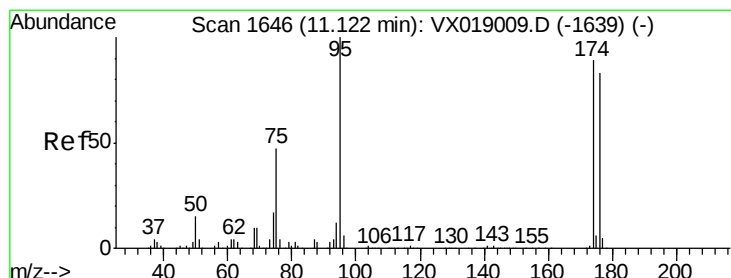
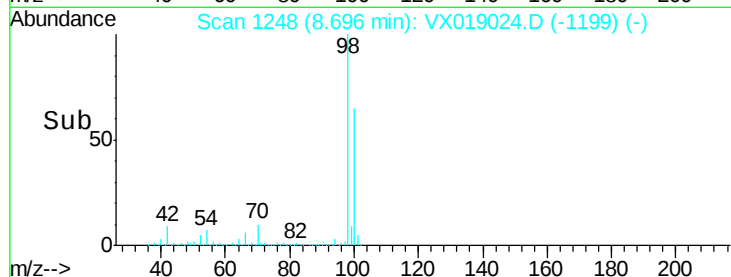
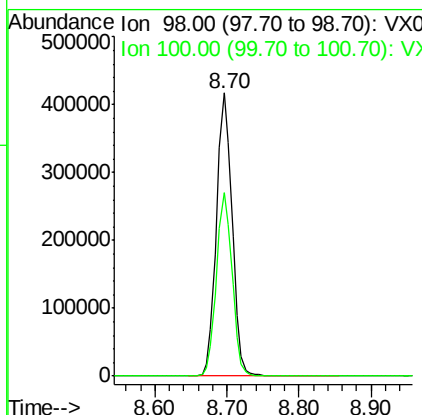
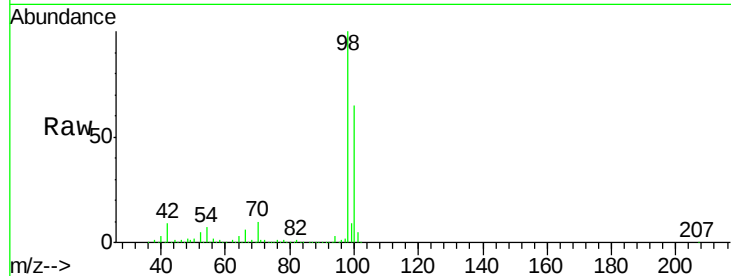




#50
Toluene-d8
Concen: 51.020 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019024.D
Acq: 22 Oct 2020 14:08

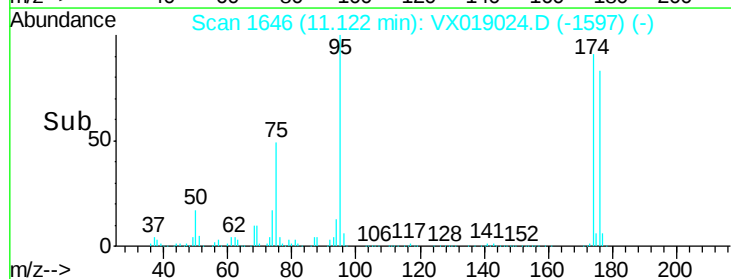
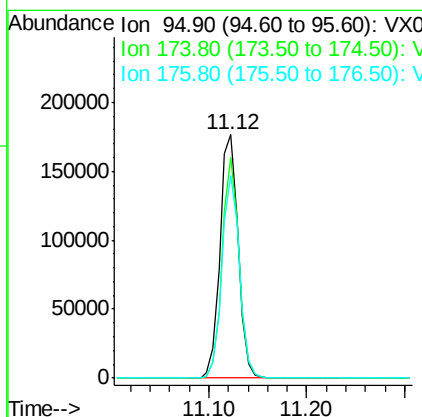
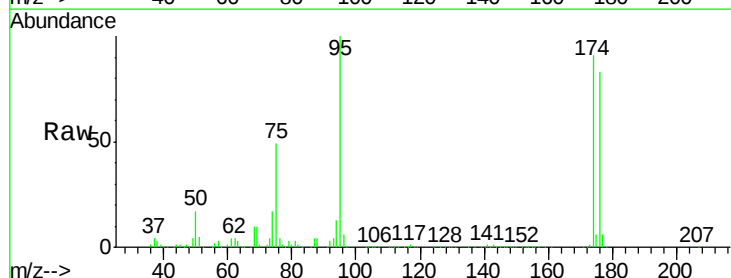
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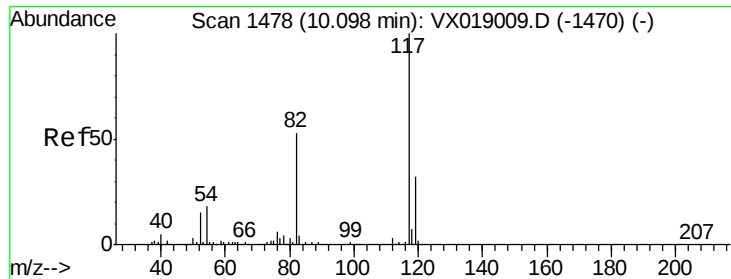
Tot Ion: 98 Resp: 627691
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.928 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019024.D
Acq: 22 Oct 2020 14:08

Tgt Ion: 95 Resp: 227248
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 80.3 0.0 165.2

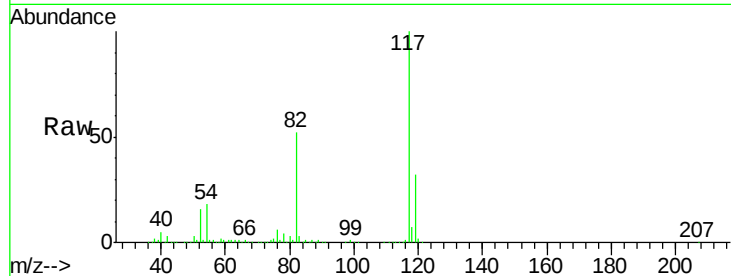




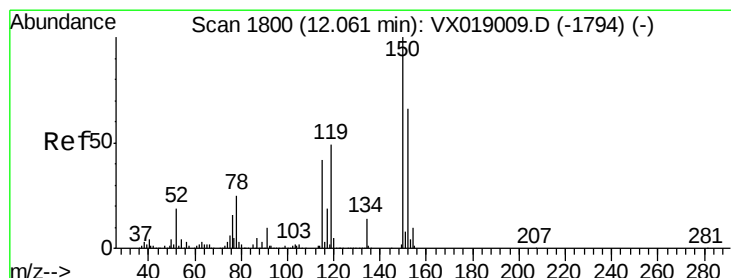
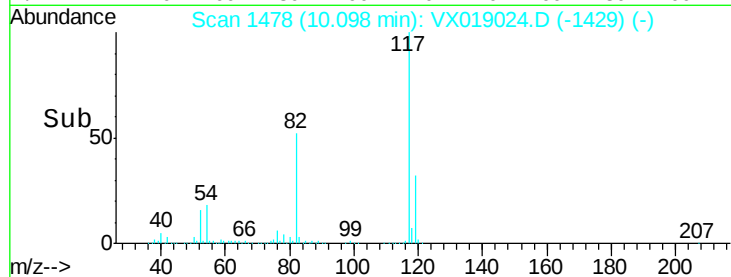
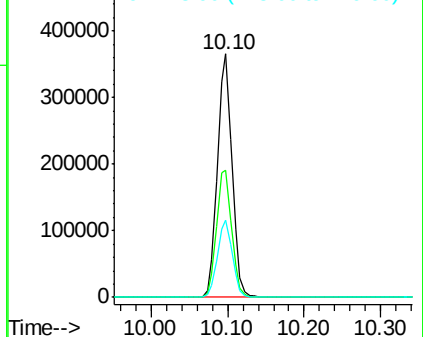
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019024.D
Acq: 22 Oct 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.4	63.6
119	31.6	25.6	38.4

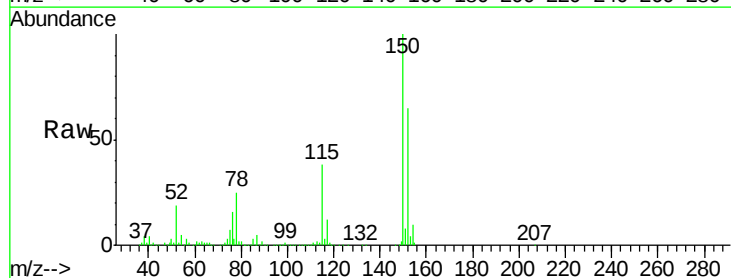


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019024.D
Acq: 22 Oct 2020 14:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	40.8	122.5
150	157.5	0.0	345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

