

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018471.D
 Acq On : 17 Sep 2020 17:09
 Operator : JC/SP
 Sample : L4014-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Sep 18 07:07:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

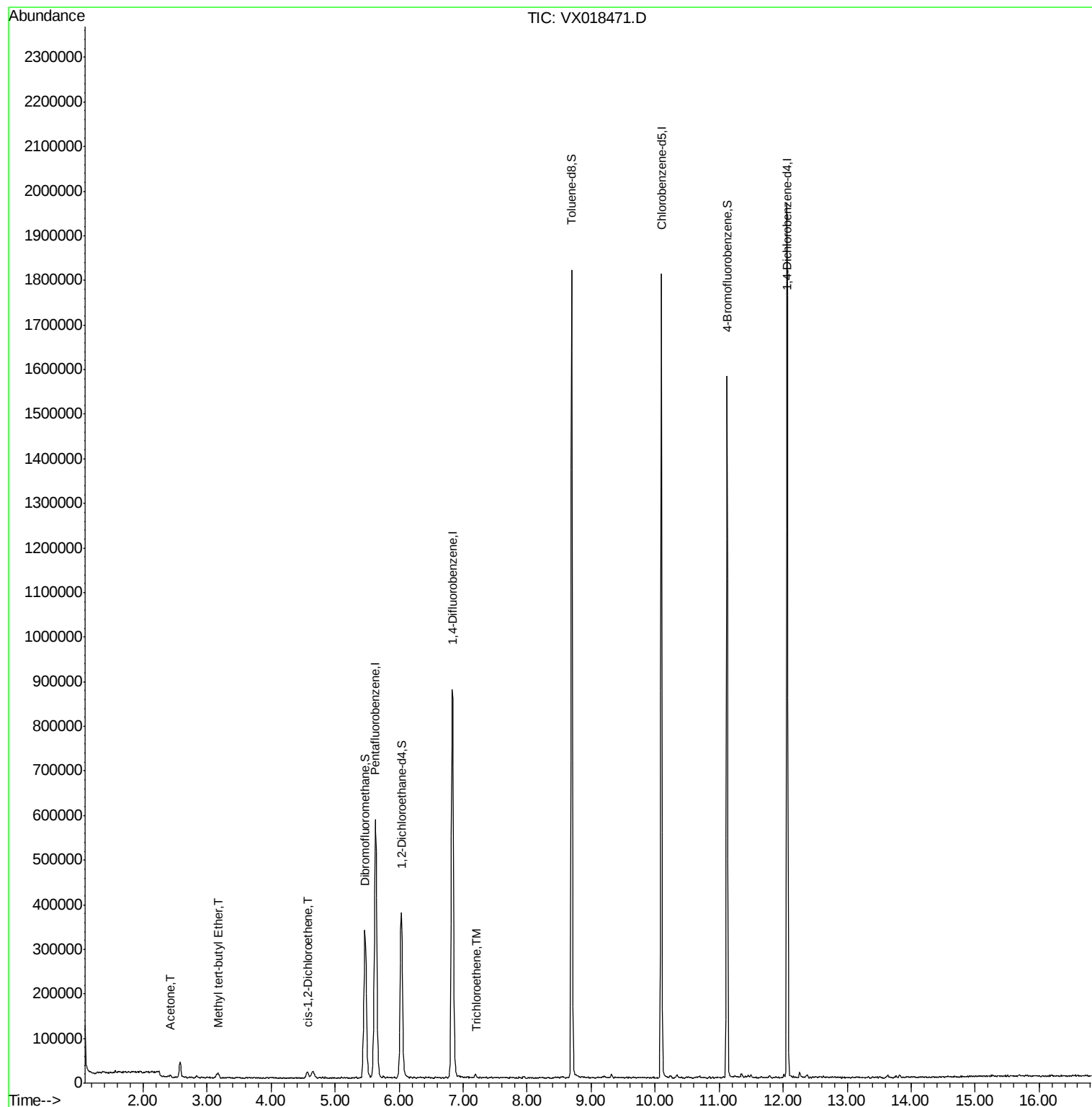
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	540235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	870115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	820912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	404604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	365686	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	5.46	113	287888	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	8.70	98	1054269	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	398022	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
16) Acetone	2.42	43	6716	2.298	ug/l	90
19) Methyl tert-butyl Ether	3.17	73	11686	0.636	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	9192	1.349	ug/l	79
44) Trichloroethene	7.21	130	2384	0.340	ug/l	52

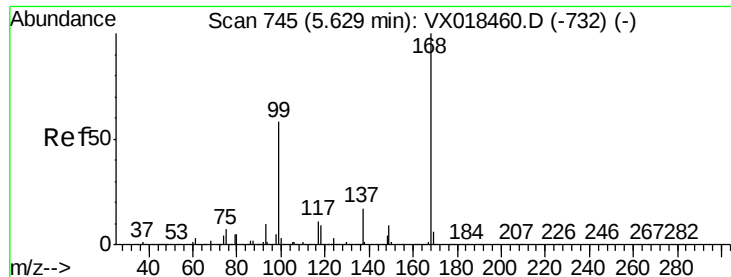
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX018471.D

Acq: 17 Sep 2020 17:09

Instrument :

MSVOA_X

ClientSampled :

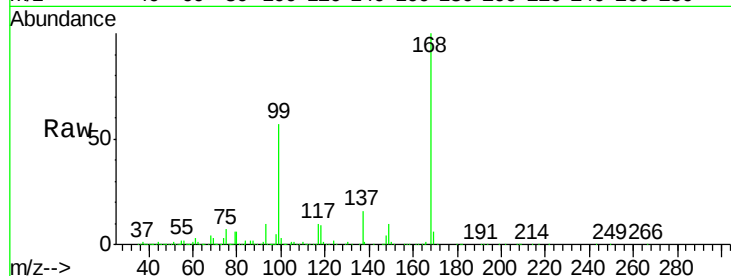
MW-4

Tot Ion:168 Resp: 540235

Ion Ratio Lower Upper

168 100

99 57.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

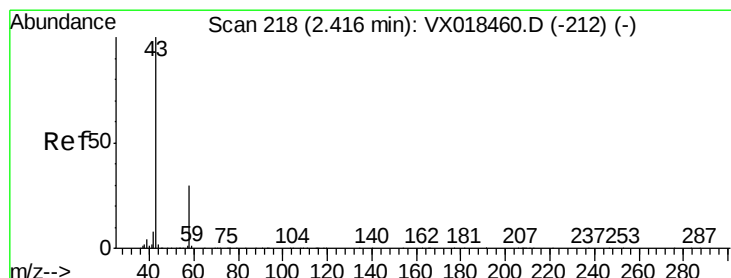
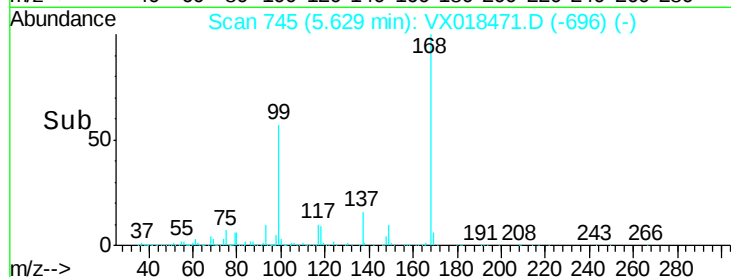
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.298 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018471.D

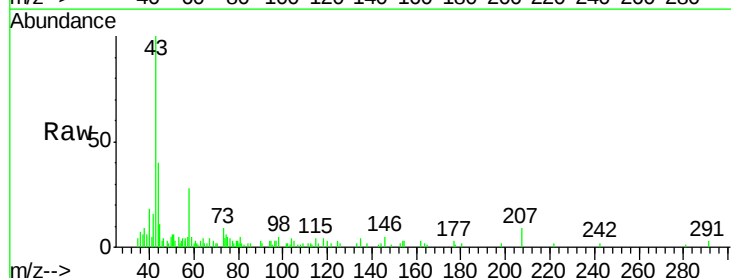
Acq: 17 Sep 2020 17:09

Tgt Ion: 43 Resp: 6716

Ion Ratio Lower Upper

43 100

58 24.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

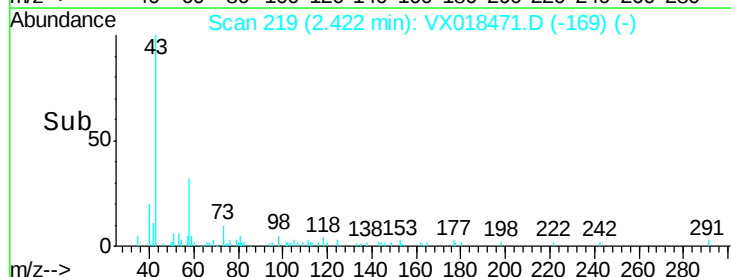
3000

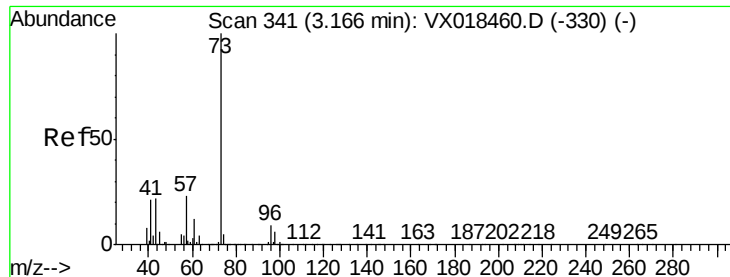
2000

1000

0

Time-->



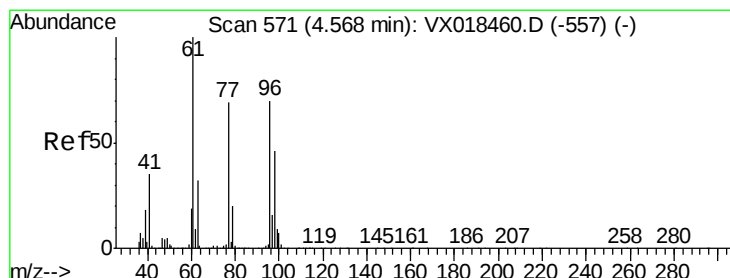
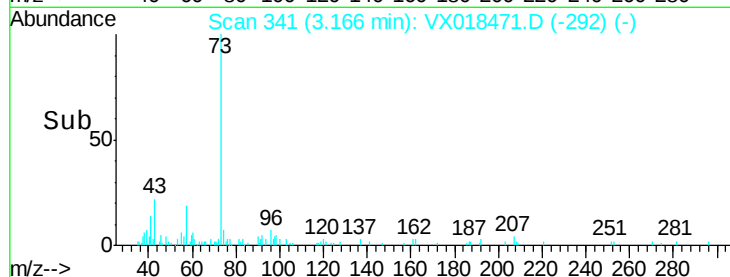
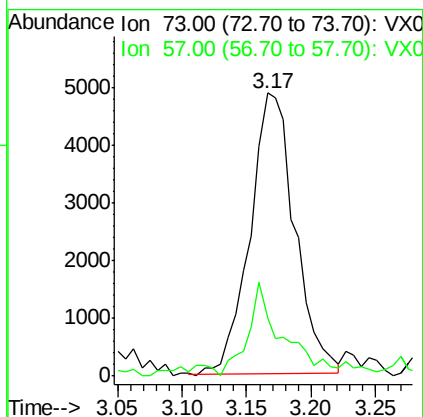
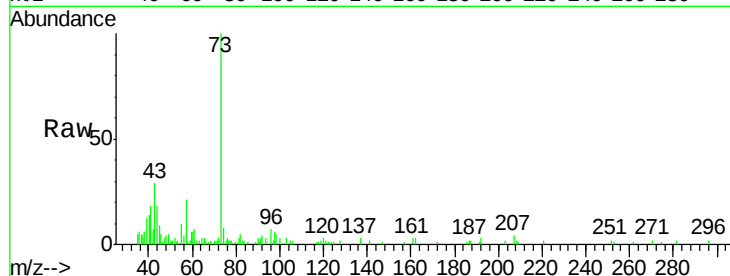


#19

Methyl tert-butyl Ether
 Concen: 0.636 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018471.D
 Acq: 17 Sep 2020 17:09

Instrument :
 MSVOA_X
 ClientSampled :
 MW-4

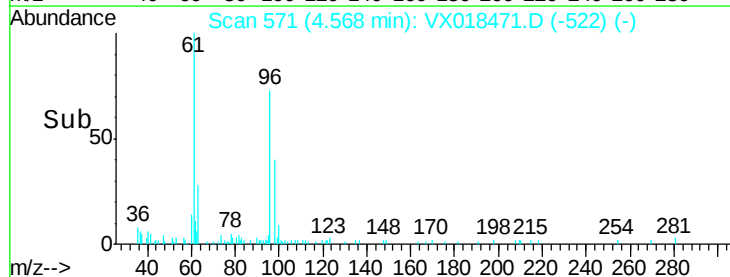
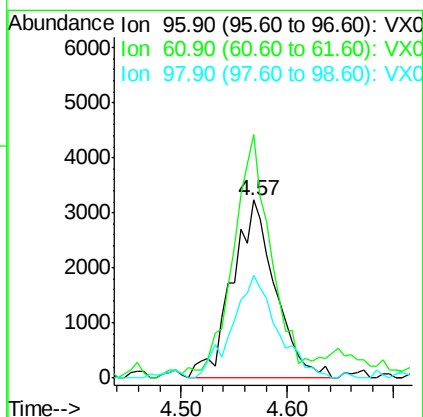
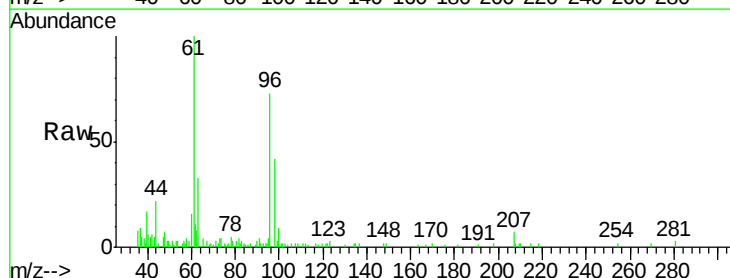
Tot Ion: 73 Resp: 11686
 Ion Ratio Lower Upper
 73 100
 57 19.6 18.0 27.0

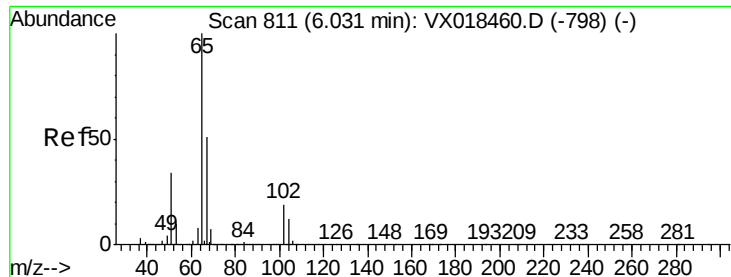


#27

cis-1,2-Dichloroethene
 Concen: 1.349 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX018471.D
 Acq: 17 Sep 2020 17:09

Tgt Ion: 96 Resp: 9192
 Ion Ratio Lower Upper
 96 100
 61 115.1 0.0 300.0
 98 60.1 0.0 130.4





#33

1,2-Dichloroethane-d4

Concen: 47.849 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018471.D

Acq: 17 Sep 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

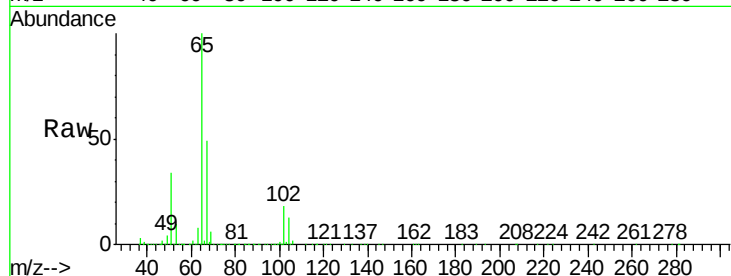
MW-4

Tot Ion: 65 Resp: 365686

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

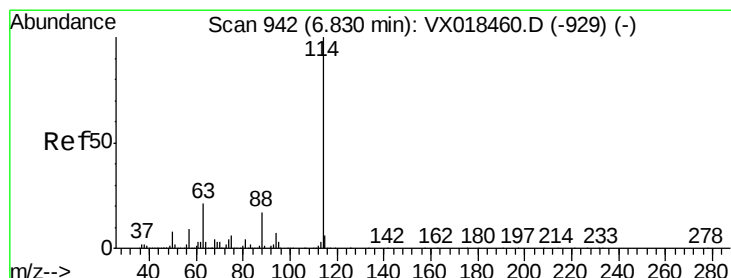
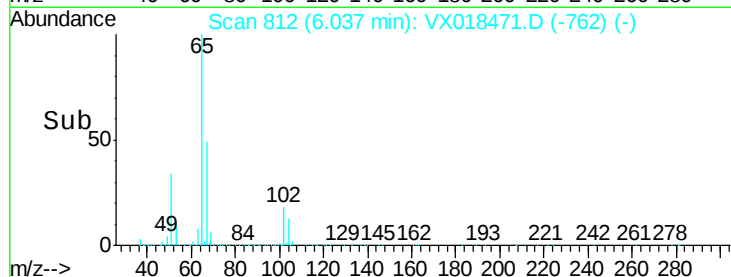
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018471.D

Acq: 17 Sep 2020 17:09

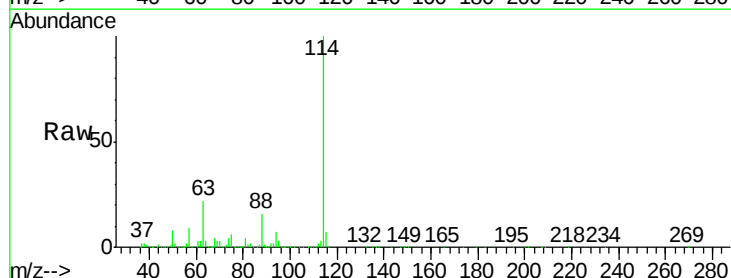
Tgt Ion: 114 Resp: 870115

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

88 16.1 0.0 33.6



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

500000

400000

300000

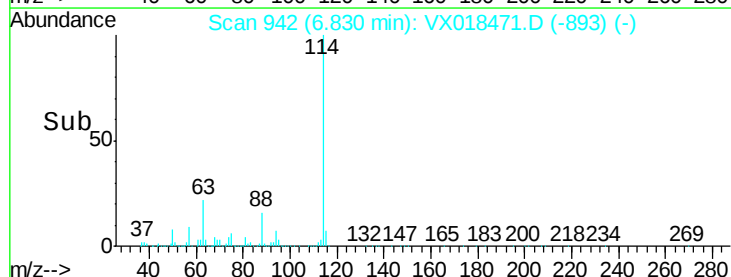
200000

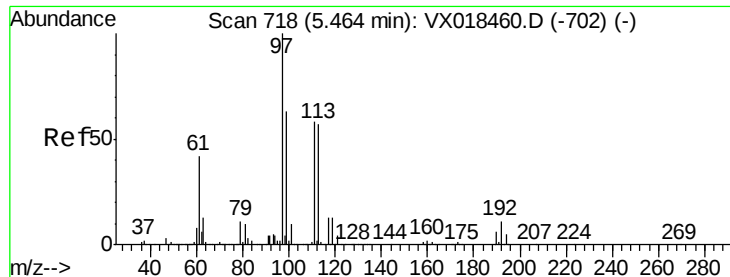
100000

0

Time-->

6.70 6.80 6.90

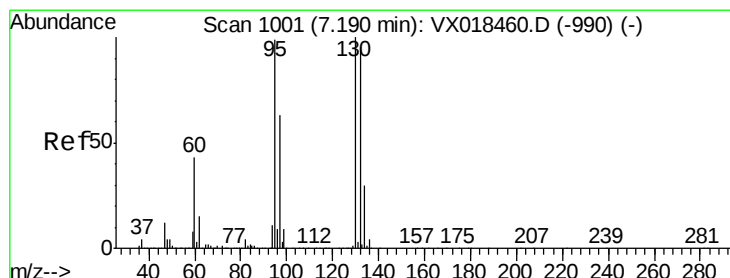
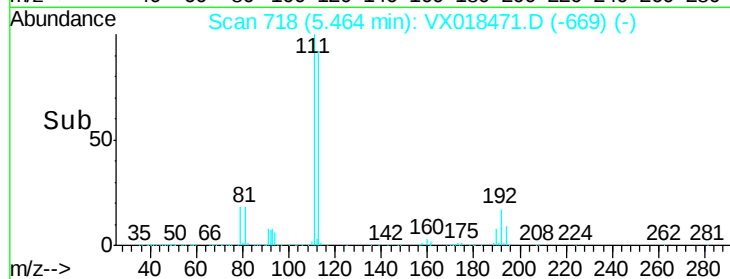
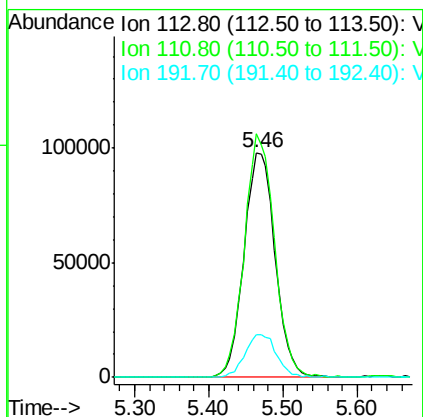
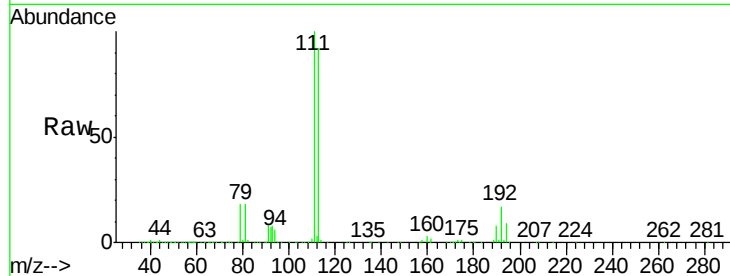




#35
Dibromofluoromethane
Concen: 47.860 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018471.D
Acq: 17 Sep 2020 17:09

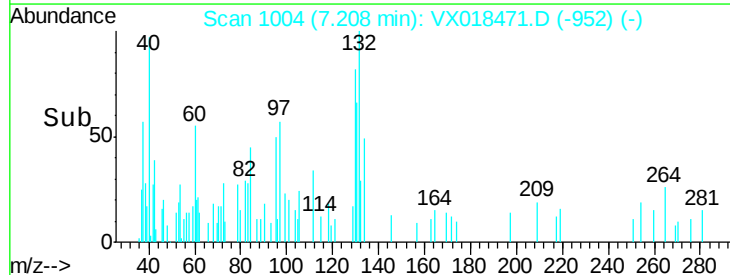
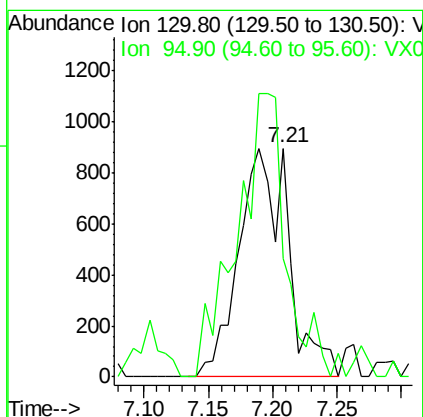
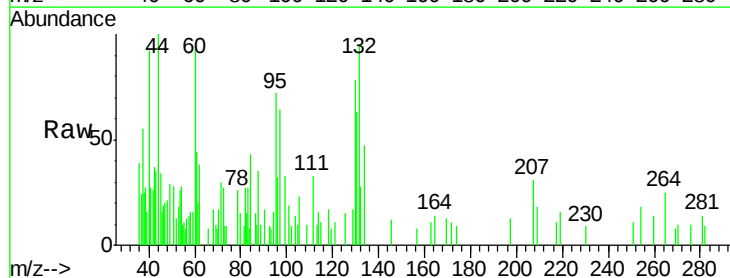
Instrument :
MSVOA_X
ClientSampled :
MW-4

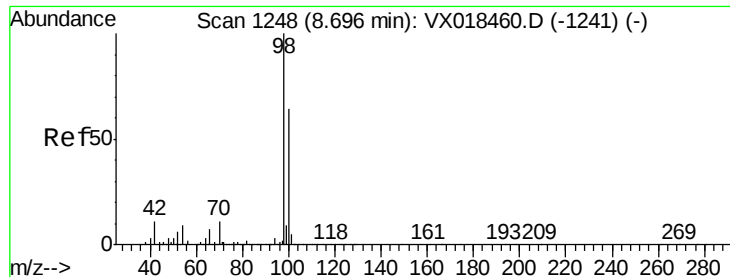
Tot Ion:113 Resp: 287888
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.2
192 19.4 16.6 24.8



#44
Trichloroethene
Concen: 0.340 ug/l
RT: 7.21 min Scan# 1004
Delta R.T. 0.02 min
Lab File: VX018471.D
Acq: 17 Sep 2020 17:09

Tgt Ion:130 Resp: 2384
Ion Ratio Lower Upper
130 100
95 51.5 0.0 197.4





#50

Toluene-d8

Concen: 48.238 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018471.D

Acq: 17 Sep 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

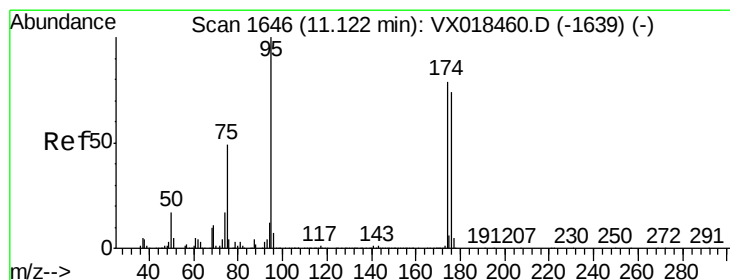
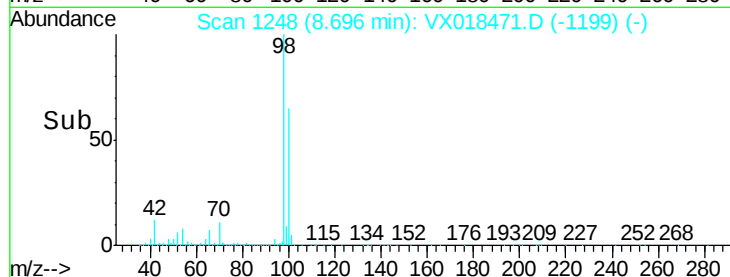
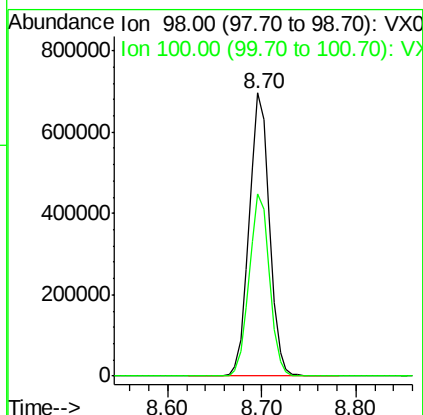
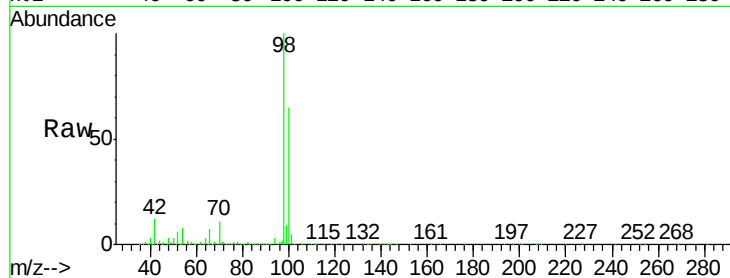
MW-4

Tot Ion: 98 Resp: 1054269

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.784 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018471.D

Acq: 17 Sep 2020 17:09

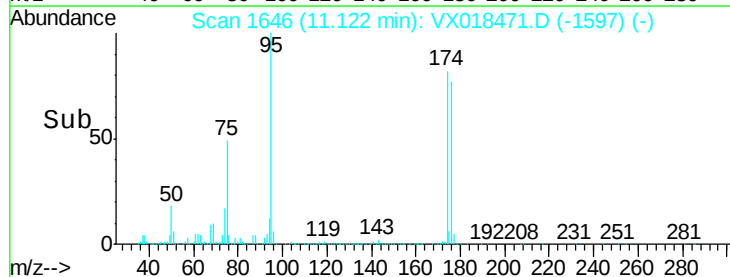
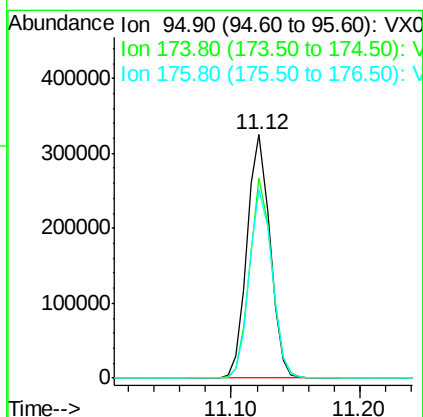
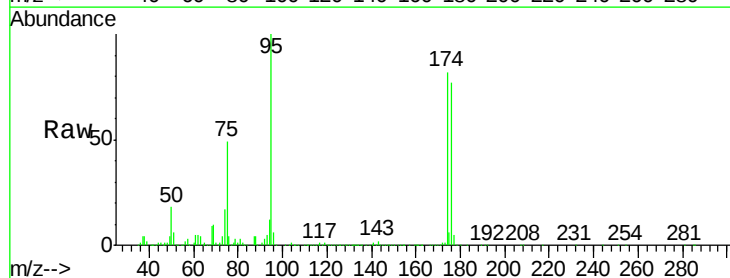
Tgt Ion: 95 Resp: 398022

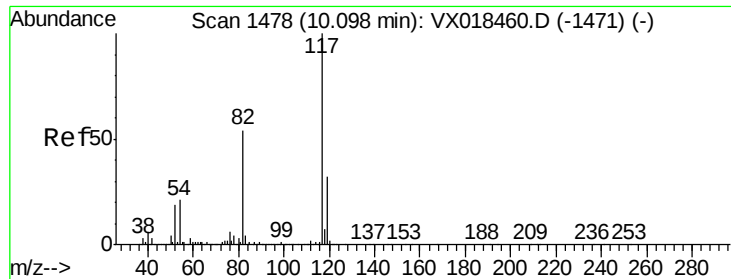
Ion Ratio Lower Upper

95 100

174 79.6 0.0 161.4

176 77.0 0.0 151.4

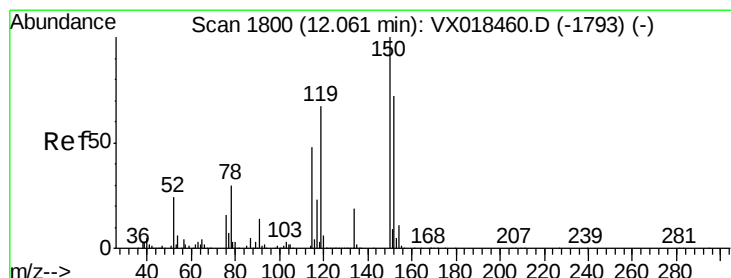
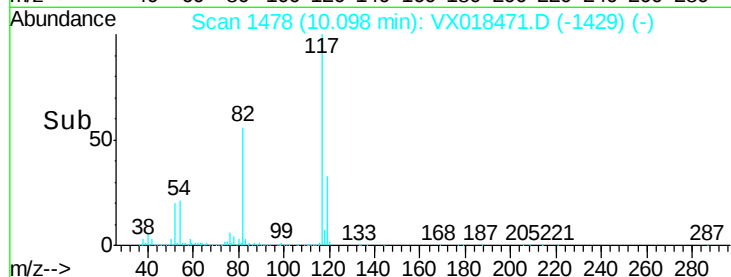
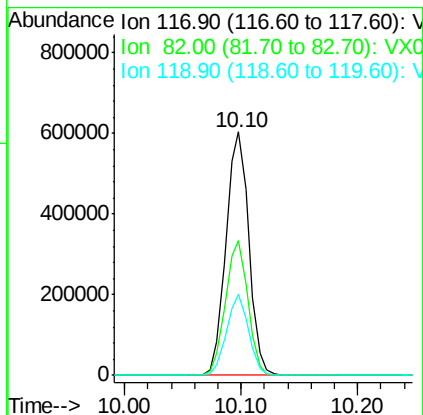
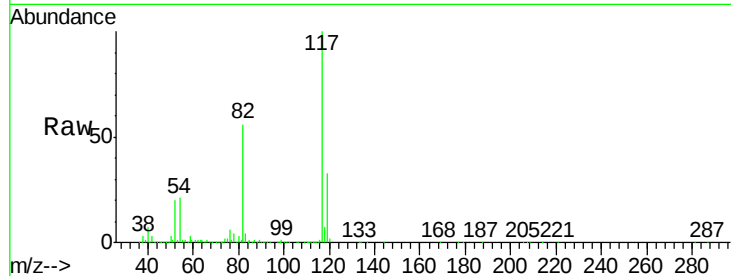




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018471.D
Acq: 17 Sep 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion:117 Resp: 820912
Ion Ratio Lower Upper
117 100
82 55.6 43.3 64.9
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018471.D
Acq: 17 Sep 2020 17:09

Tgt Ion:152 Resp: 404604
Ion Ratio Lower Upper
152 100
115 58.5 41.8 125.4
150 158.8 0.0 342.4

