

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX101818\
 Data File : VX005427.D
 Acq On : 18 Oct 2018 13:56
 Operator : JC/MD
 Sample : J5584-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Nov 01 10:58:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

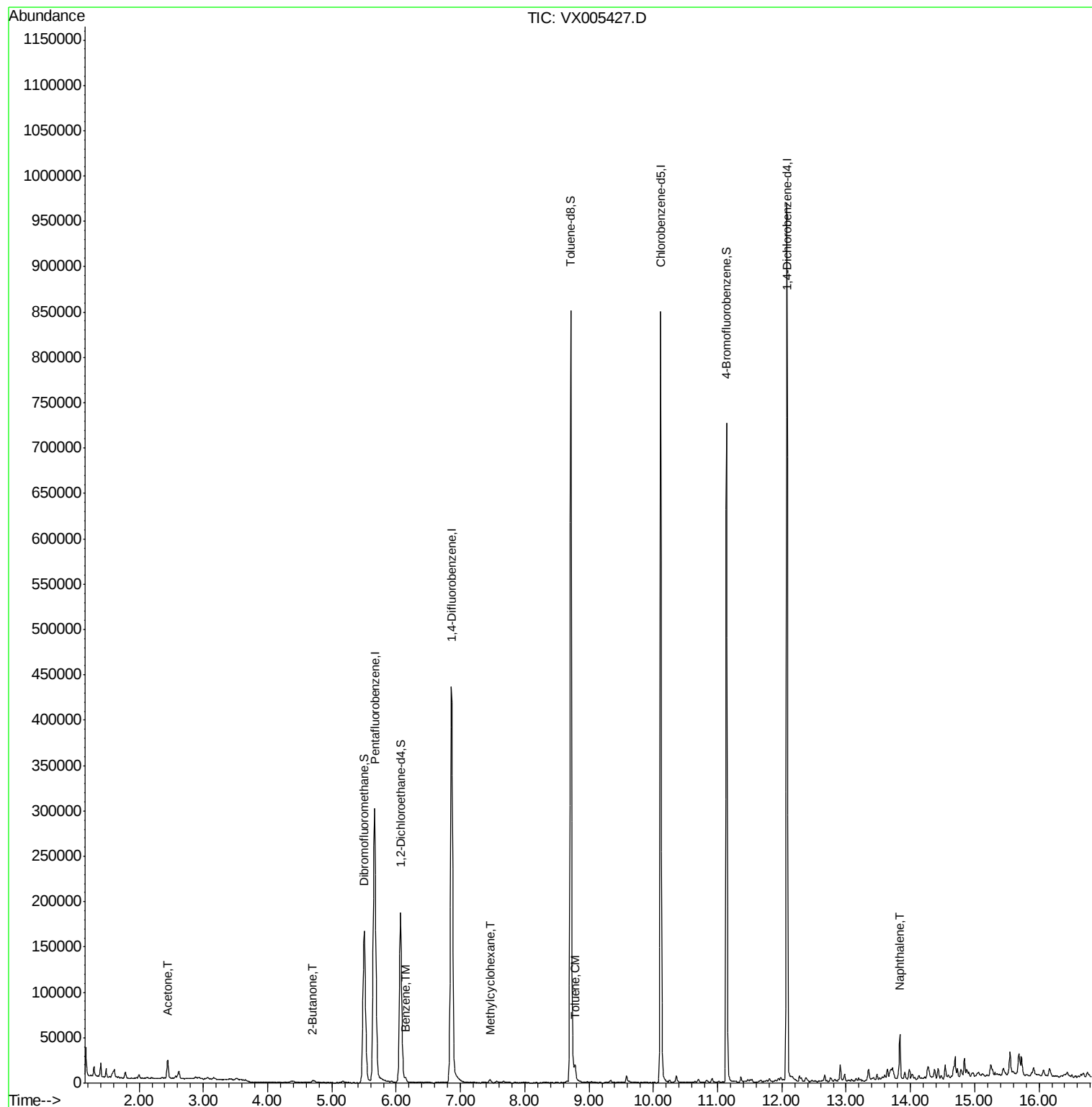
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469646	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174095	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	5.50	113	142869	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	8.72	98	556810	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.14	95	187045	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	21318	10.083	ug/l	100
25) 2-Butanone	4.71	43	4837	1.564	ug/l	94
39) Methylcyclohexane	7.46	83	1405	0.285	ug/l	91
40) Benzene	6.15	78	4976	0.365	ug/l	92
52) Toluene	8.78	92	4198	0.562	ug/l	91
95) Naphthalene	13.83	128	30782	2.202	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005427.D

Acq: 18 Oct 2018 13:56

Instrument :

MSVOA_X

ClientSampleId :

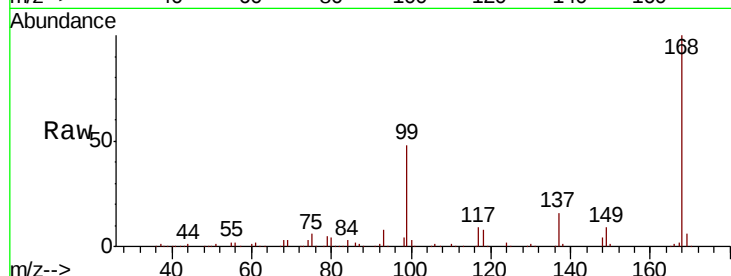
MW-3

Tot Ion:168 Resp: 329464

Ion Ratio Lower Upper

168 100

99 47.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

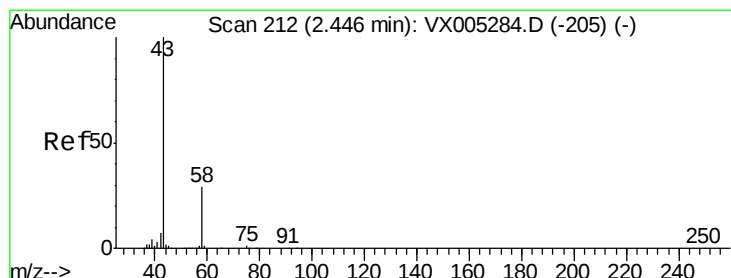
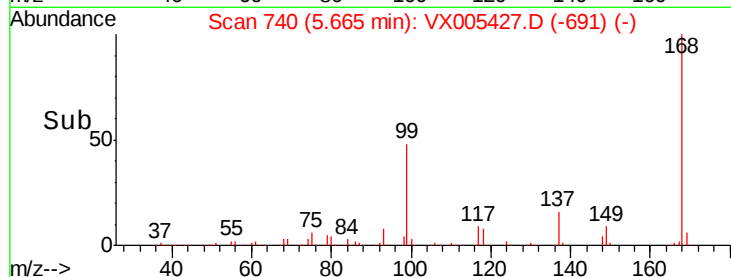
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 10.083 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005427.D

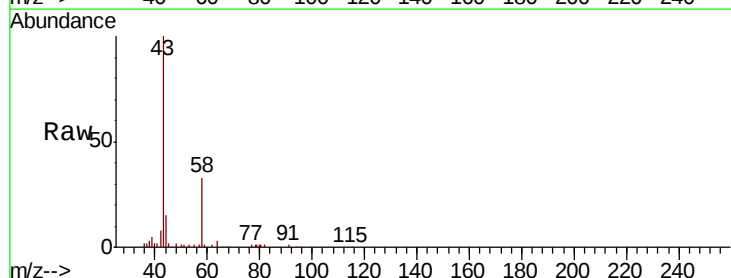
Acq: 18 Oct 2018 13:56

Tgt Ion: 43 Resp: 21318

Ion Ratio Lower Upper

43 100

58 32.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

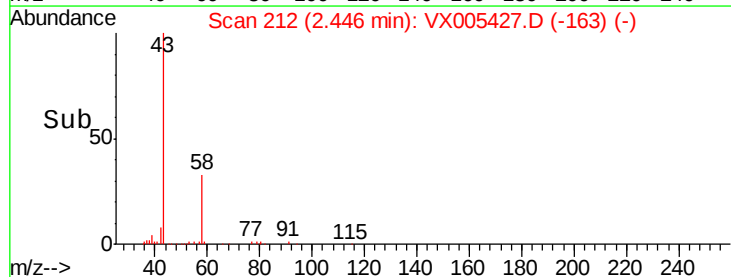
10000

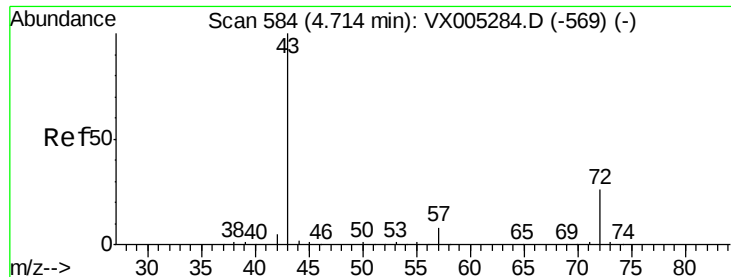
5000

0

Time-->

2.40 2.45 2.50





#25

2-Butanone

Concen: 1.564 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.01 min

Lab File: VX005427.D

Acq: 18 Oct 2018 13:56

Instrument :

MSVOA_X

ClientSampled :

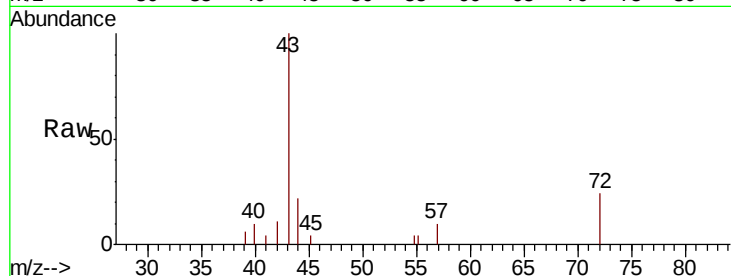
MW-3

Tot Ion: 43 Resp: 4837

Ion Ratio Lower Upper

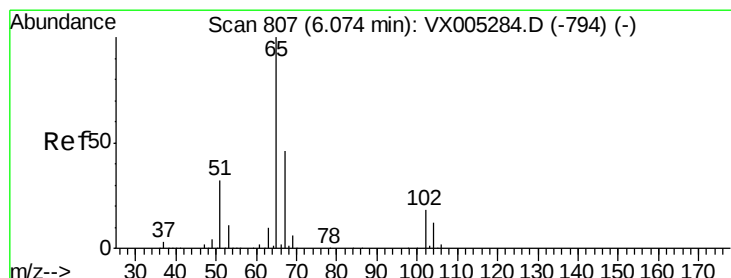
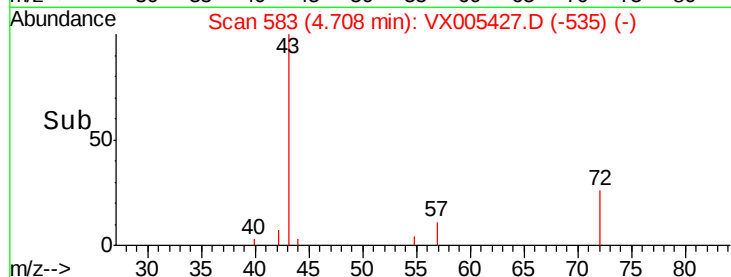
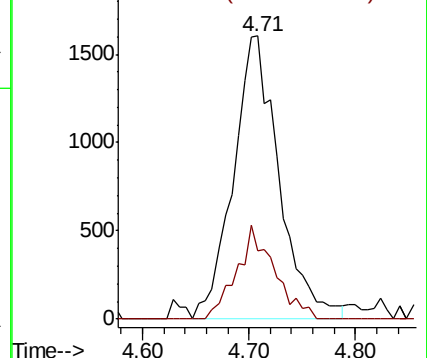
43 100

72 24.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.612 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005427.D

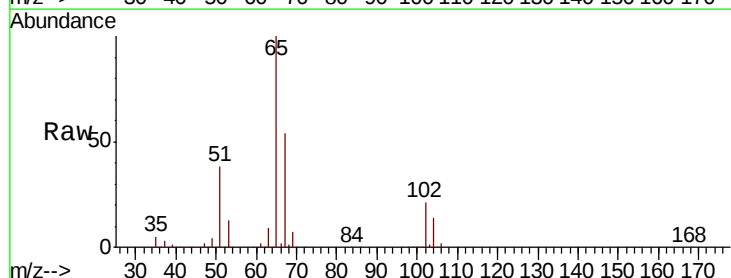
Acq: 18 Oct 2018 13:56

Tgt Ion: 65 Resp: 174095

Ion Ratio Lower Upper

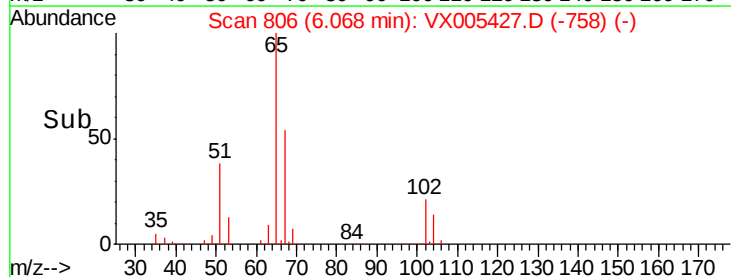
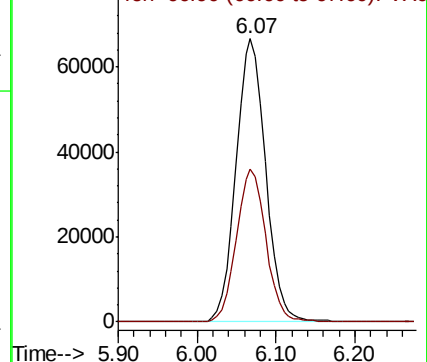
65 100

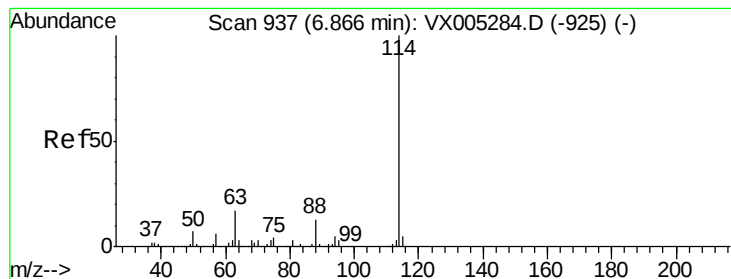
67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005427.D

Acq: 18 Oct 2018 13:56

Instrument :

MSVOA_X

ClientSampled :

MW-3

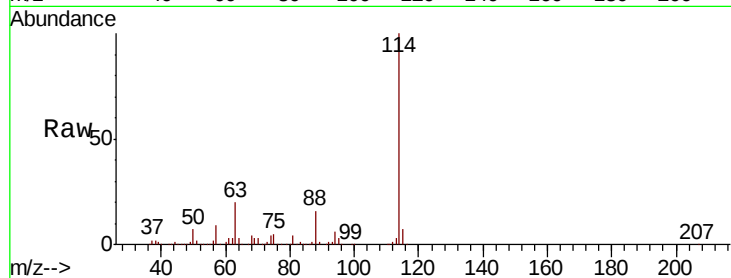
Tot Ion:114 Resp: 469646

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

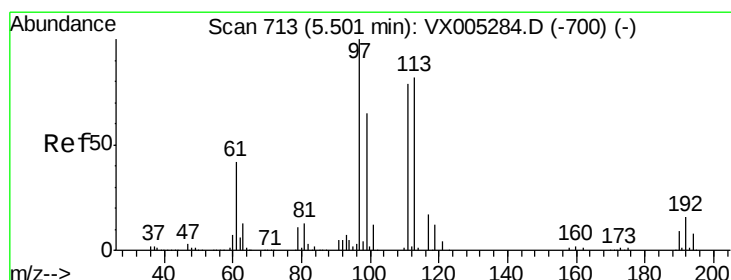
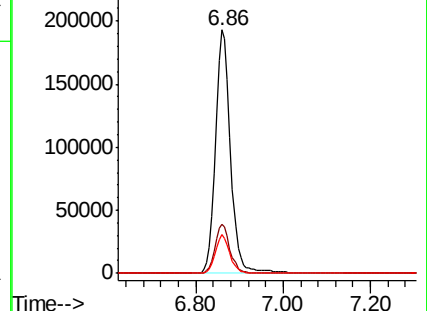
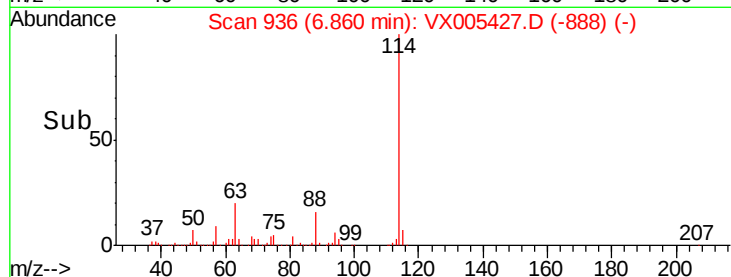
88 15.7 0.0 30.4



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: 45.930 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005427.D

Acq: 18 Oct 2018 13:56

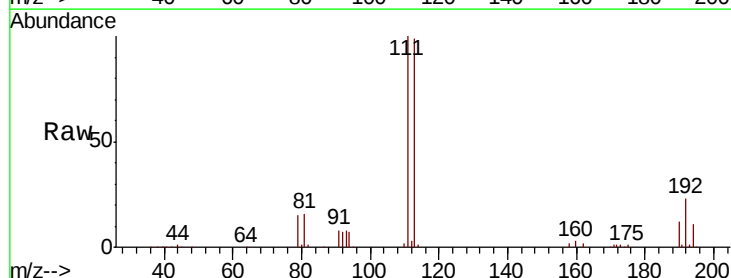
Tgt Ion:113 Resp: 142869

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

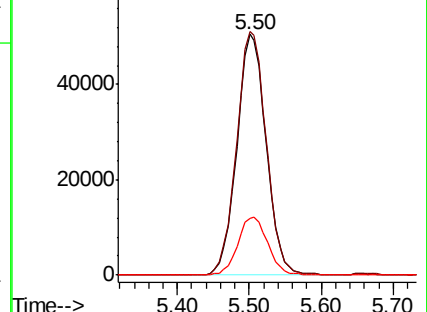
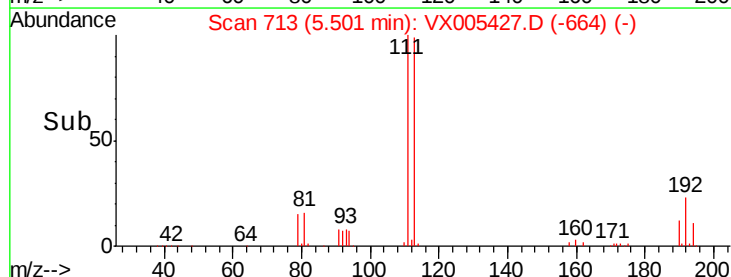
192 24.5 19.4 29.2

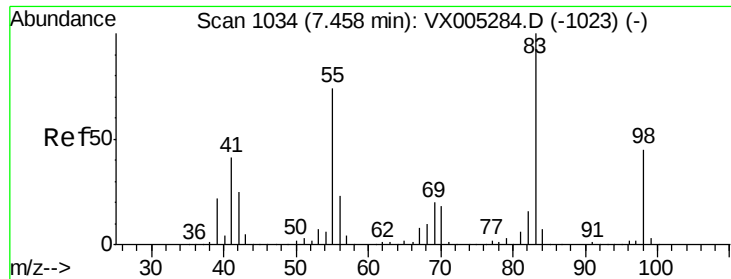


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

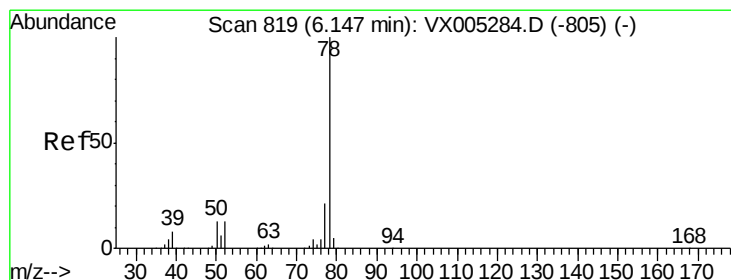
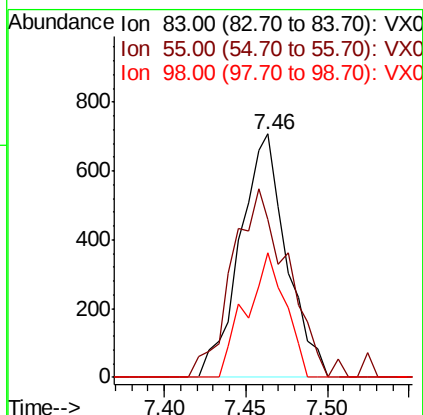
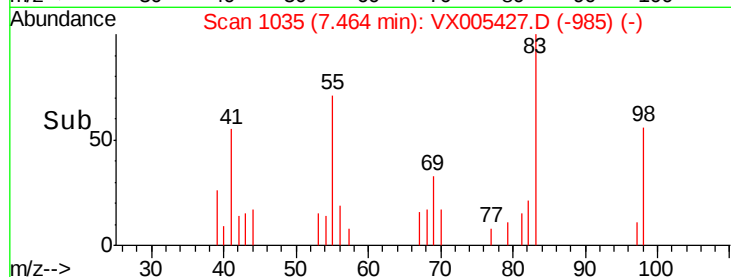
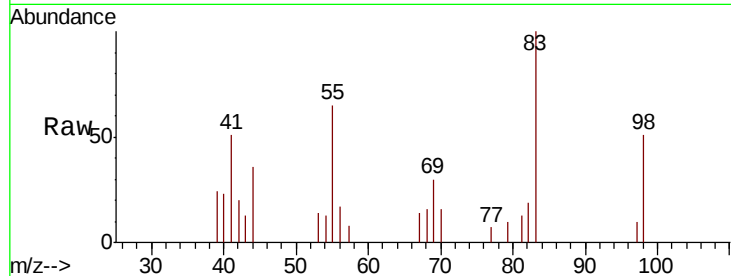




#39
Methvlcvclohexane
Concen: 0.285 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005427.D
Acq: 18 Oct 2018 13:56

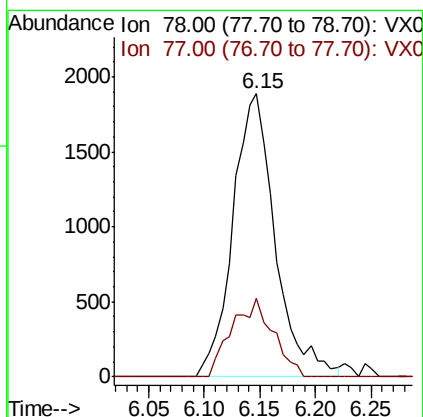
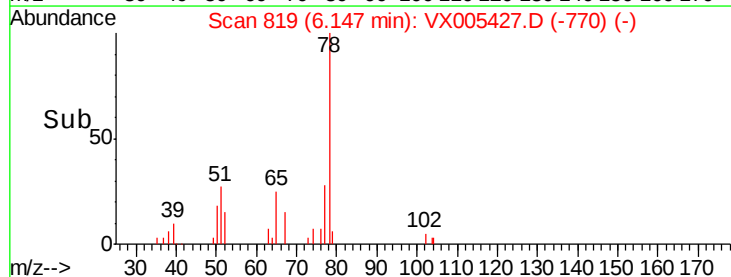
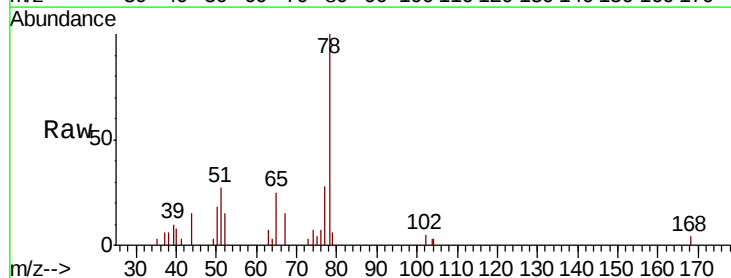
Instrument :
MSVOA_X
ClientSampled :
MW-3

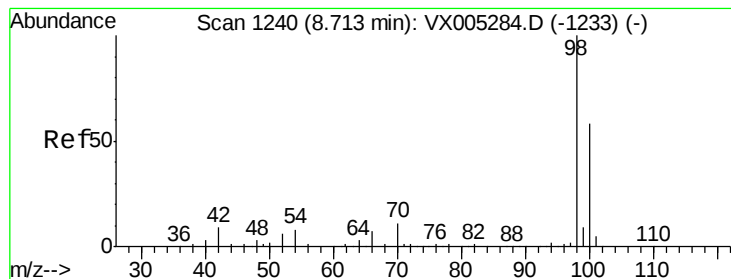
Tot Ion: 83 Resp: 1405
Ion Ratio Lower Upper
83 100
55 64.8 61.0 91.4
98 51.0 39.6 59.4



#40
Benzene
Concen: 0.365 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX005427.D
Acq: 18 Oct 2018 13:56

Tgt Ion: 78 Resp: 4976
Ion Ratio Lower Upper
78 100
77 27.6 19.0 28.4





#50

Toluene-d8

Concen: 52.141 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005427.D

Acq: 18 Oct 2018 13:56

Instrument :

MSVOA_X

ClientSampled :

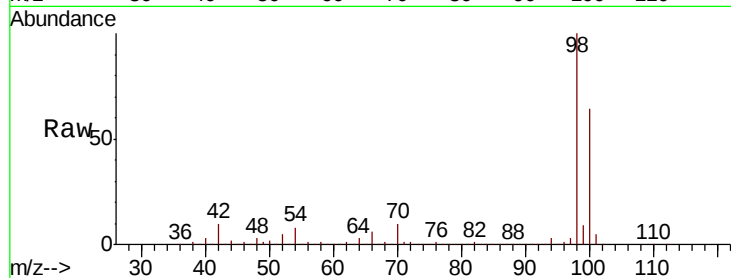
MW-3

Tot Ion: 98 Resp: 556810

Ion Ratio Lower Upper

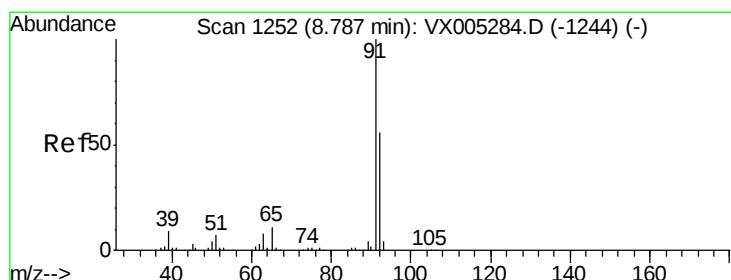
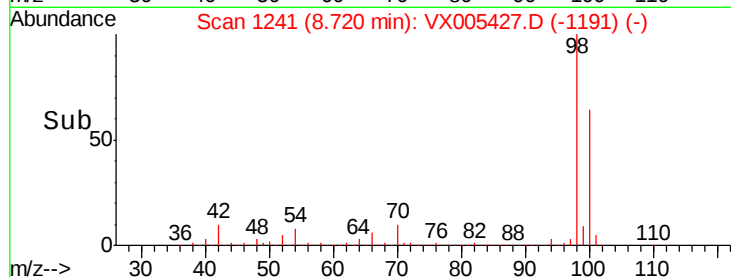
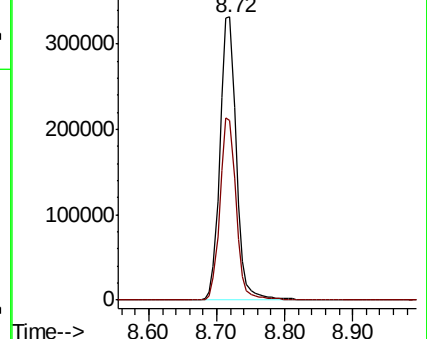
98 100

100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.562 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005427.D

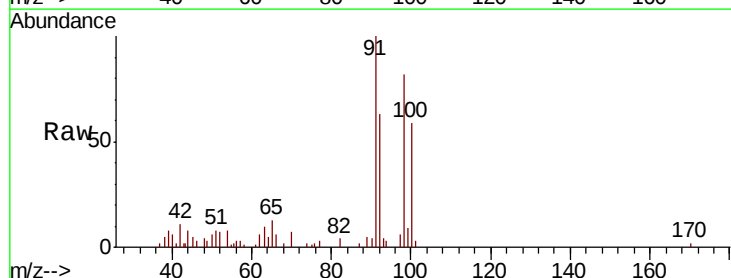
Acq: 18 Oct 2018 13:56

Tgt Ion: 92 Resp: 4198

Ion Ratio Lower Upper

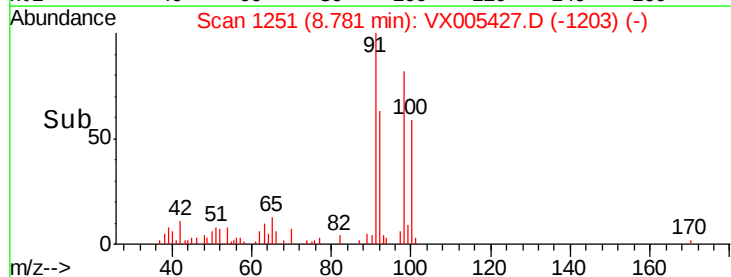
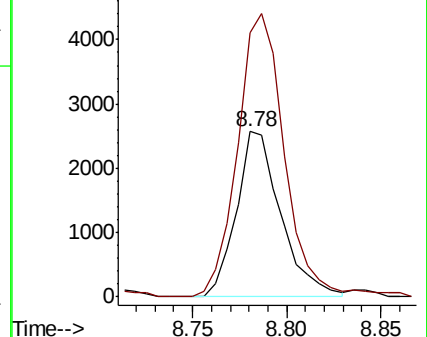
92 100

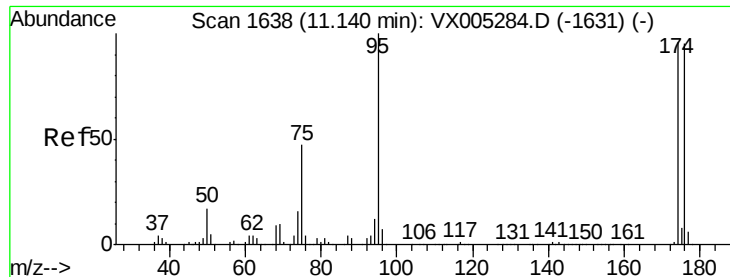
91 182.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

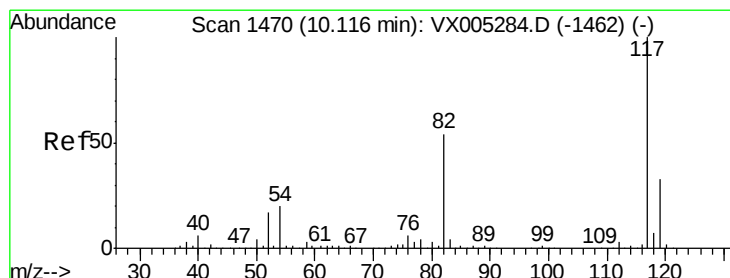
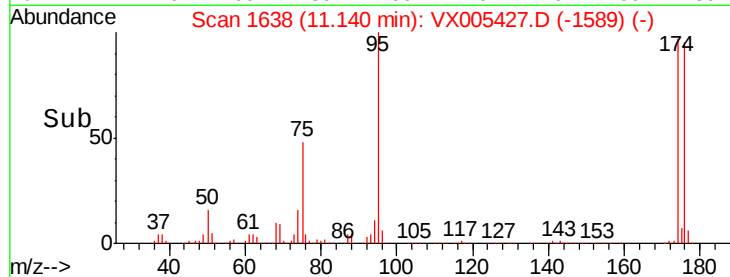
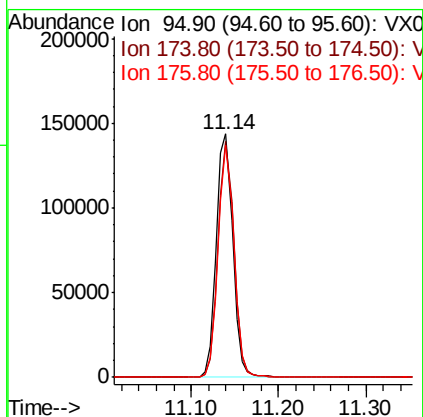
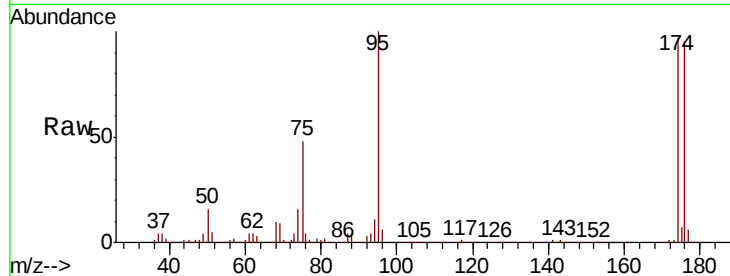




#62
4-Bromofluorobenzene
Concen: 46.625 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005427.D
Acq: 18 Oct 2018 13:56

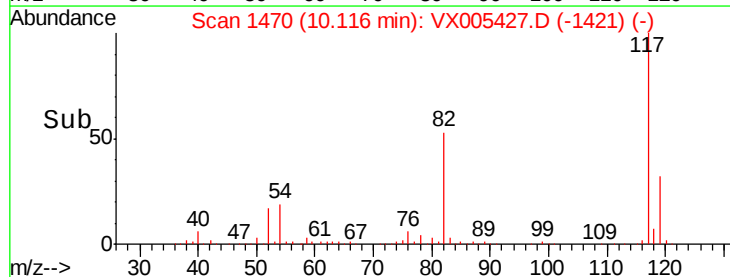
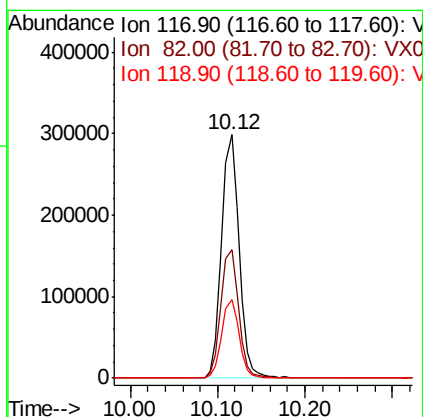
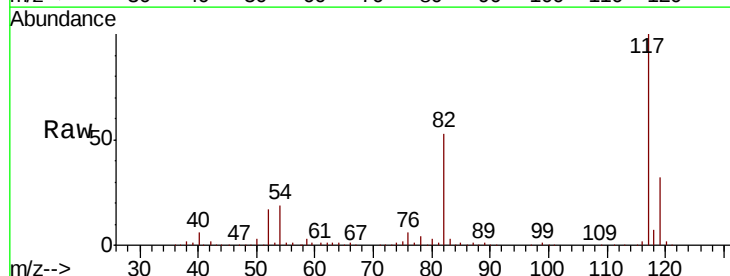
Instrument :
MSVOA_X
ClientSampleId :
MW-3

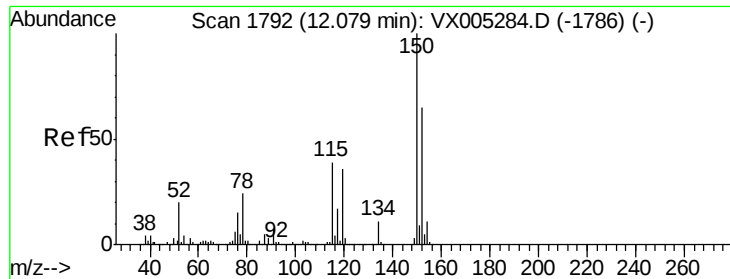
Tot Ion: 95 Resp: 187045
Ion Ratio Lower Upper
95 100
174 93.7 0.0 185.2
176 91.3 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005427.D
Acq: 18 Oct 2018 13:56

Tgt Ion: 117 Resp: 414117
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 32.3 29.3 43.9



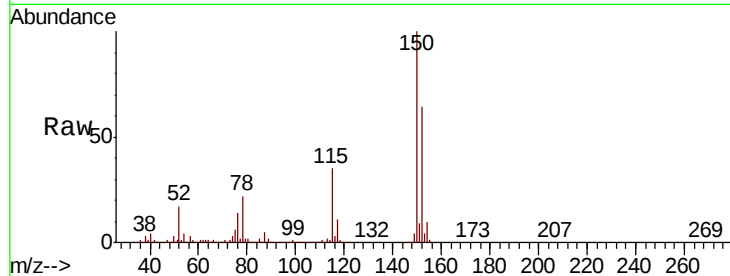


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005427.D
Acq: 18 Oct 2018 13:56

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.0	117.0
150	157.2	0.0	351.0

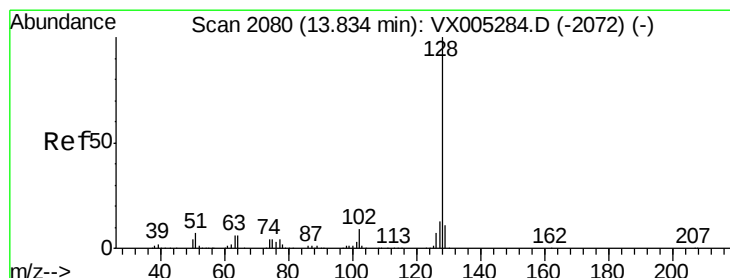
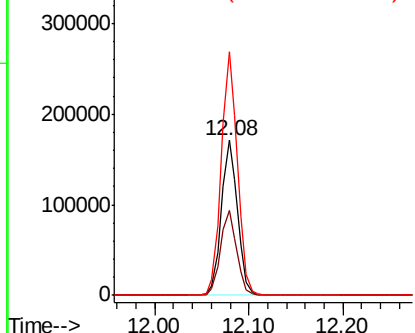
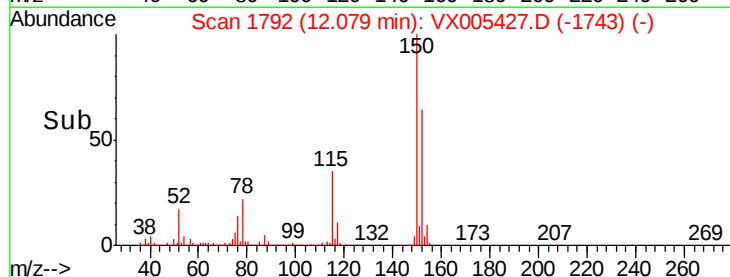


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

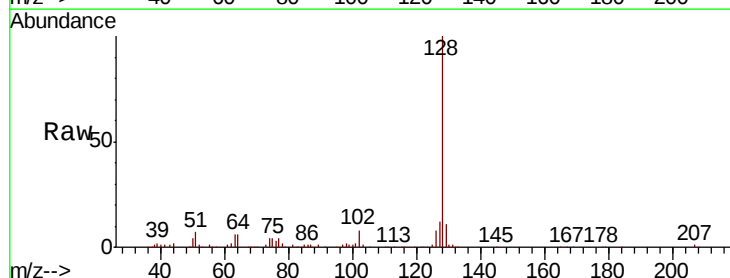
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.202 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005427.D
Acq: 18 Oct 2018 13:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	12.1	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

