

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
 Data File : VX006262.D
 Acq On : 03 Dec 2018 19:11
 Operator : JC/MD
 Sample : J5770-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-112918-A

Quant Time: Dec 04 06:14:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

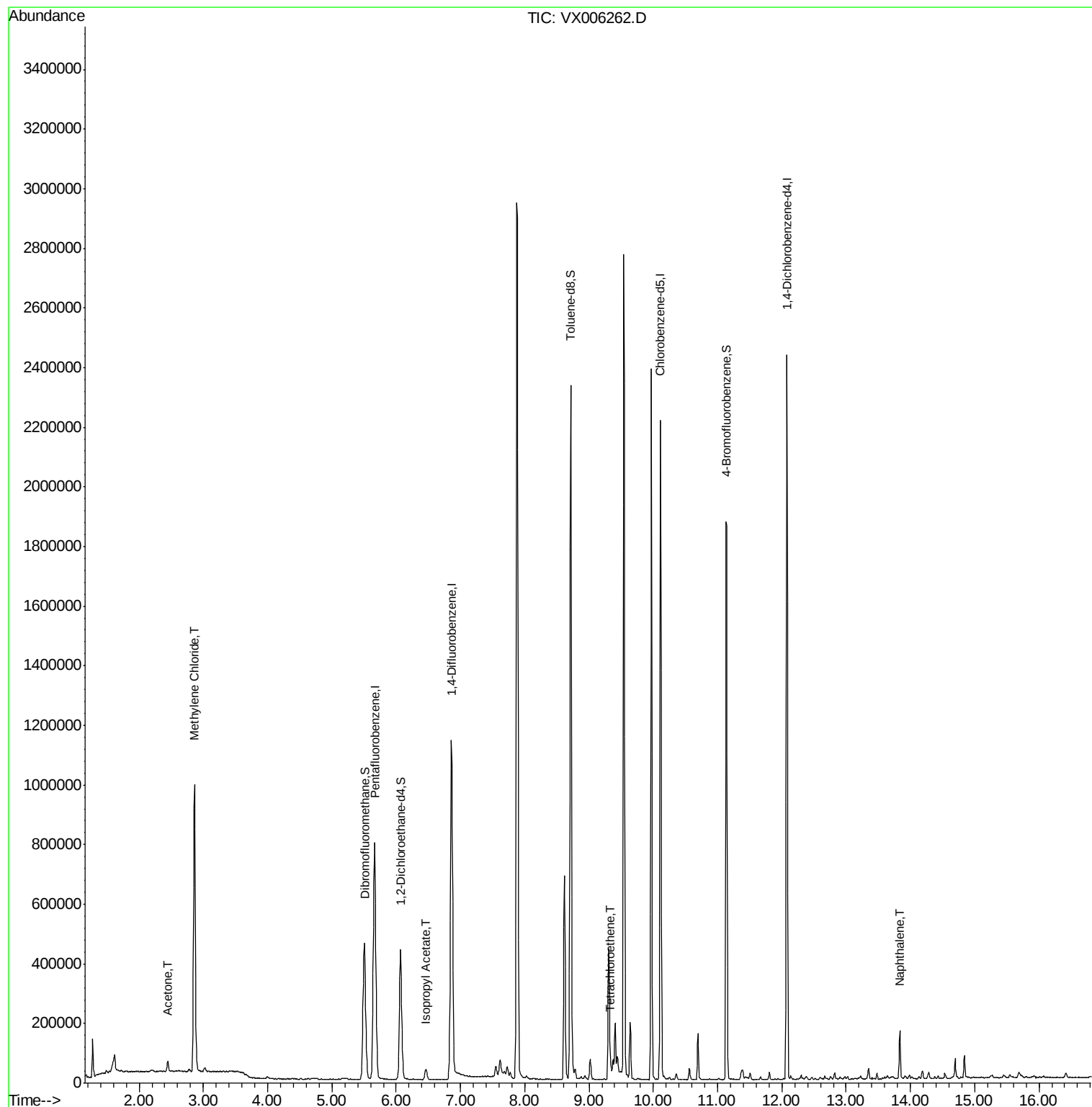
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	815983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1239614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1103906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	518922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	405284	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	5.51	113	395515	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	8.71	98	1440483	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	521581	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
Target Compounds						
16) Acetone	2.45	43	40241	10.294	ug/l	96
20) Methylene Chloride	2.86	84	444568	53.436	ug/l	98
43) Isopropyl Acetate	6.46	43	48121	2.469	ug/l	98
64) Tetrachloroethene	9.34	164	9001	1.083	ug/l	91
95) Naphthalene	13.83	128	103624	2.600	ug/l	99

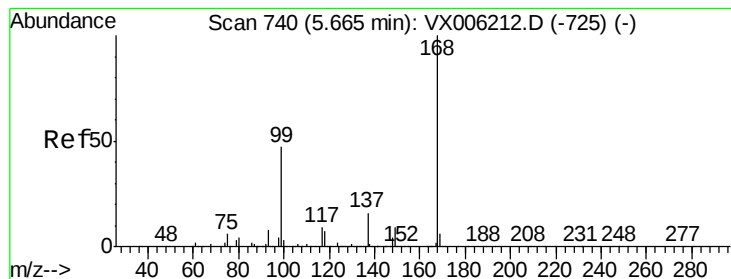
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006262.D

Acq: 03 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

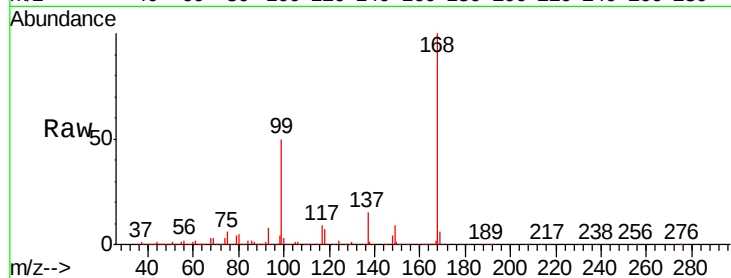
OR-03-112918-A

Tgt Ion:168 Resp: 815983

Ion Ratio Lower Upper

168 100

99 50.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

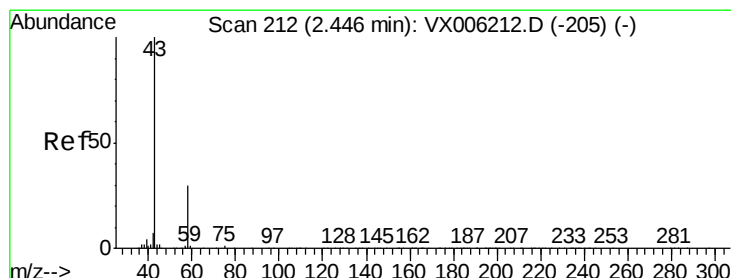
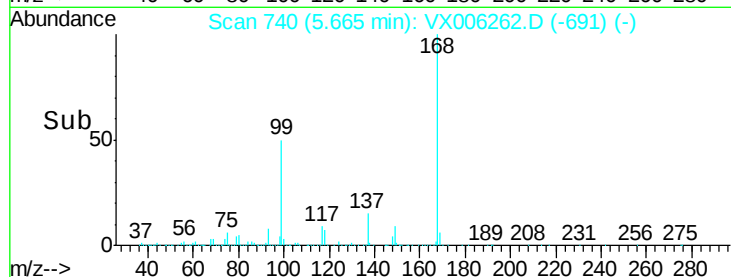
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.294 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006262.D

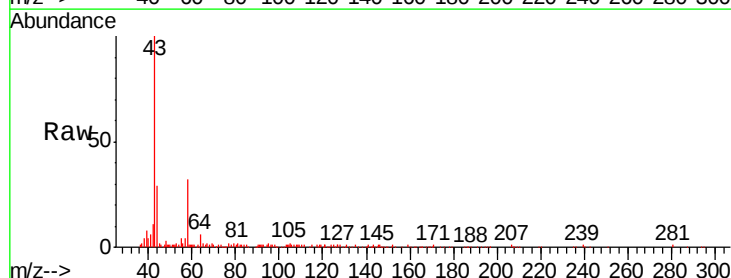
Acq: 03 Dec 2018 19:11

Tgt Ion: 43 Resp: 40241

Ion Ratio Lower Upper

43 100

58 32.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

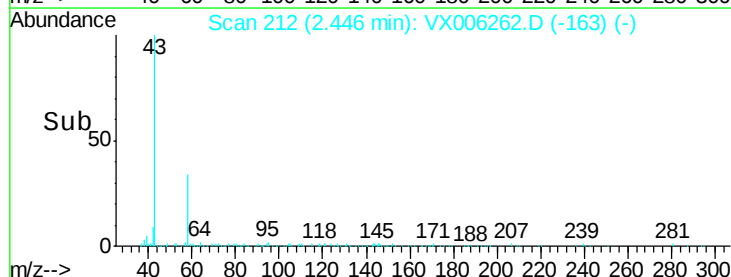
15000

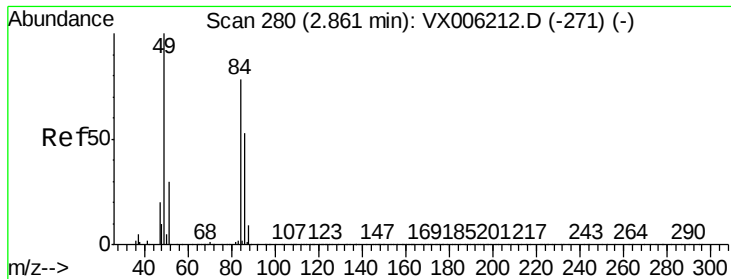
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

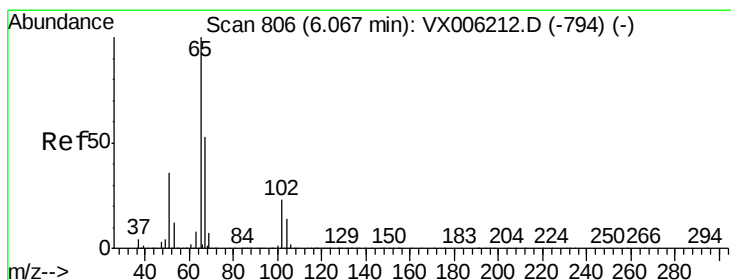
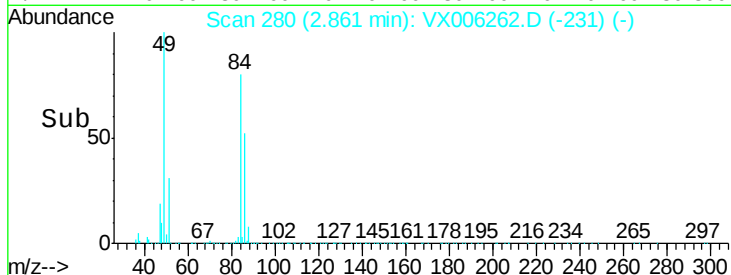
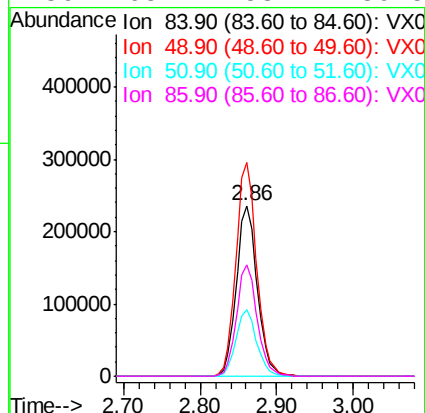
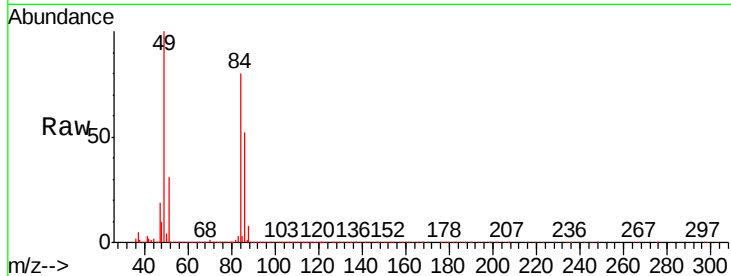




#20
Methylene Chloride
Concen: 53.436 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

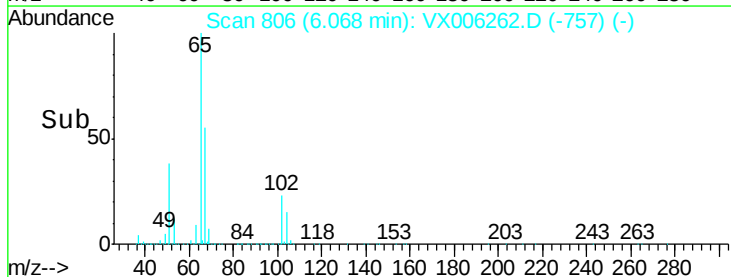
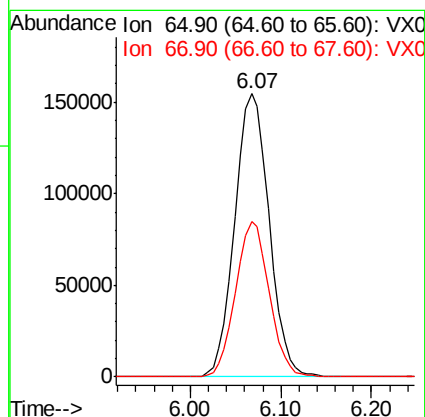
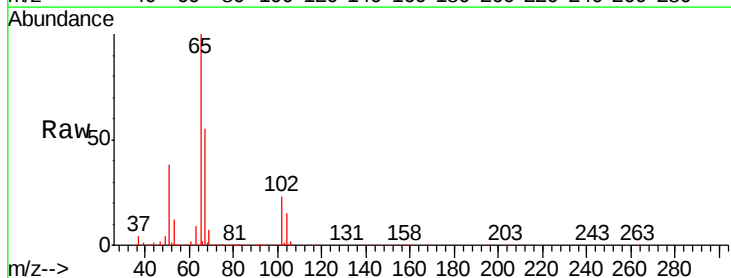
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-A

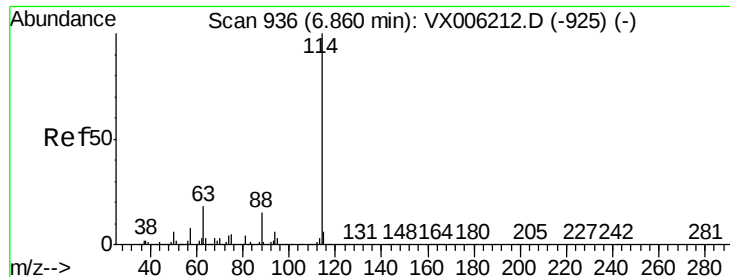
Tgt Ion: 84 Resp: 444568
Ion Ratio Lower Upper
84 100
49 125.4 102.2 153.4
51 38.9 31.1 46.7
86 65.1 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 48.654 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion: 65 Resp: 405284
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006262.D

Acq: 03 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-A

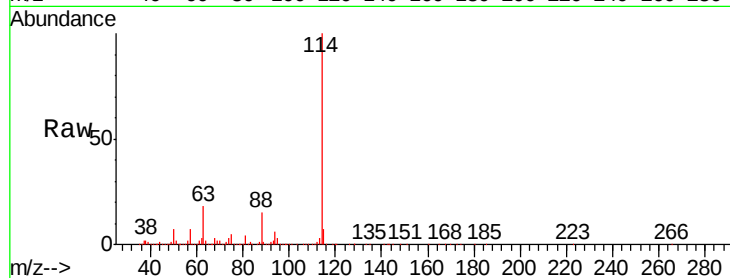
Tgt Ion:114 Resp: 1239614

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

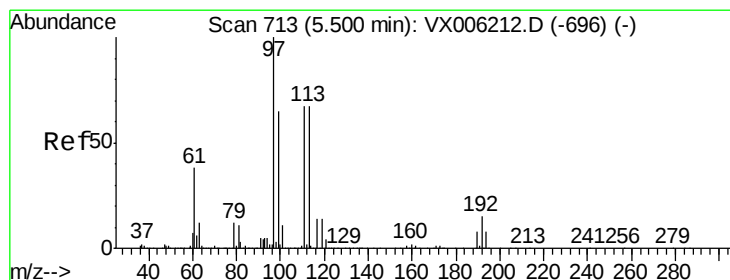
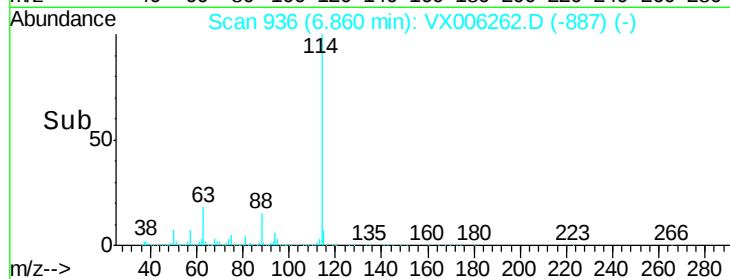
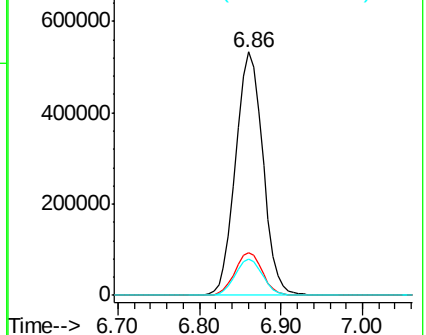
88 14.9 0.0 29.0



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: 49.279 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006262.D

Acq: 03 Dec 2018 19:11

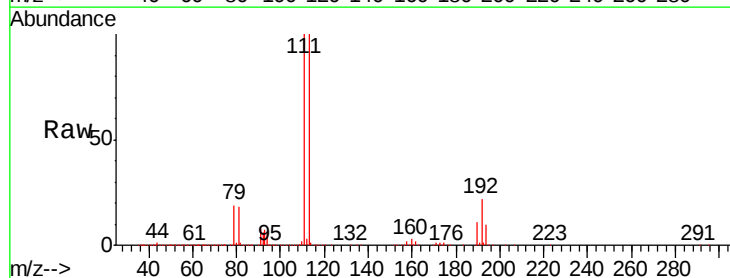
Tgt Ion:113 Resp: 395515

Ion Ratio Lower Upper

113 100

111 101.1 81.1 121.7

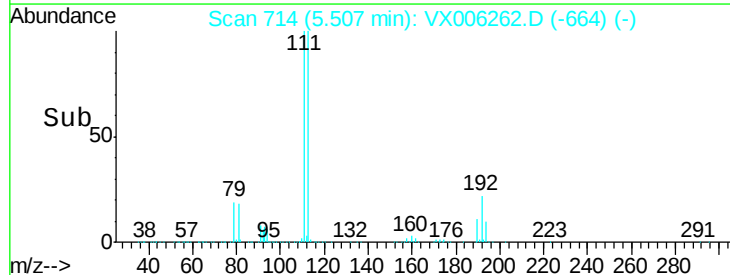
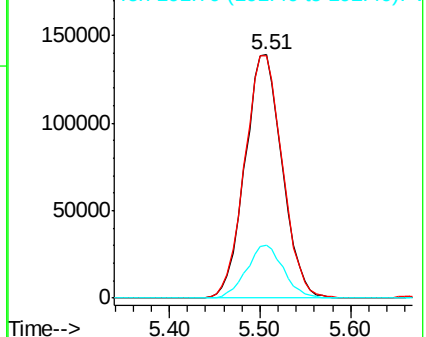
192 21.7 18.2 27.2

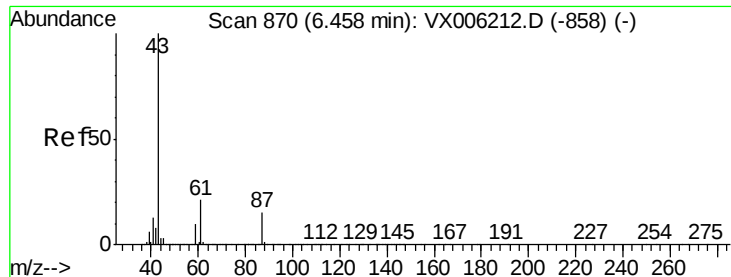


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.469 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006262.D

Acq: 03 Dec 2018 19:11

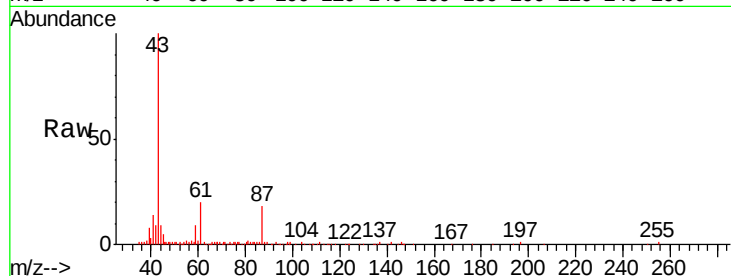
Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-A

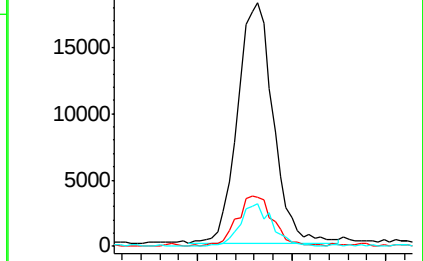
Tgt Ion:	43	Resp:	48121
Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	16.1	11.9	17.9



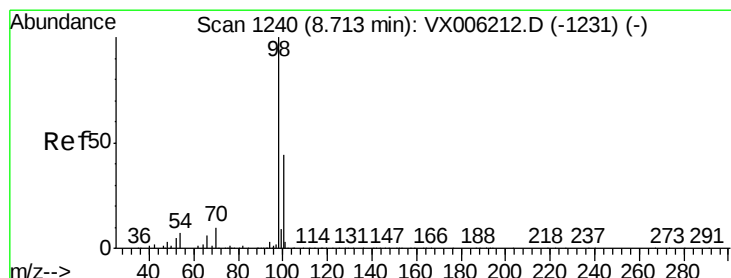
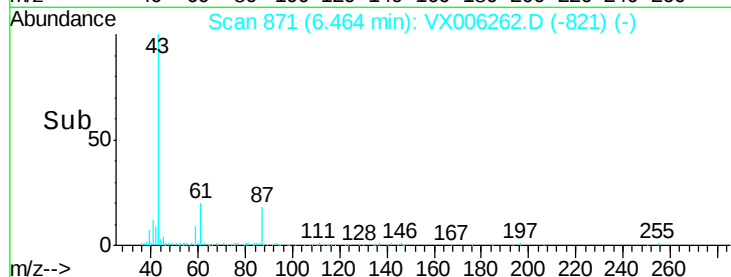
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.342 ug/l

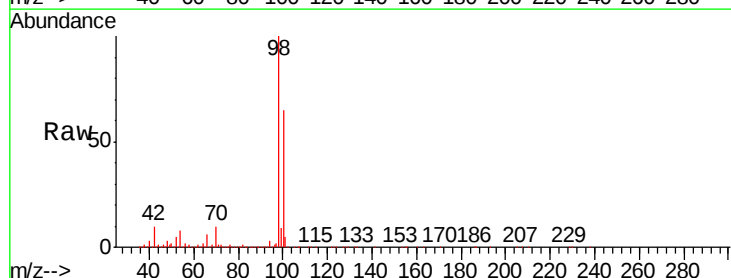
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006262.D

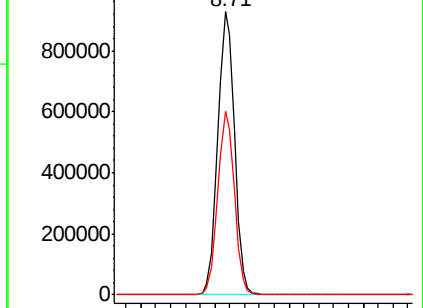
Acq: 03 Dec 2018 19:11

Tgt Ion:	98	Resp:	1440483
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2

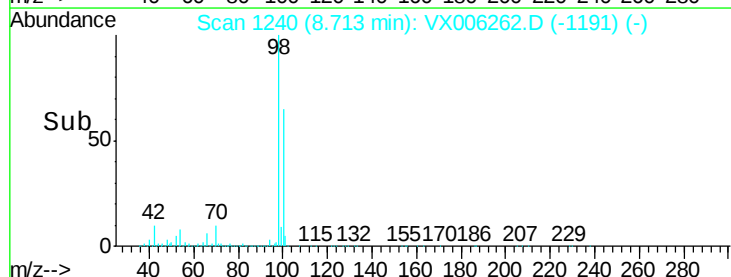


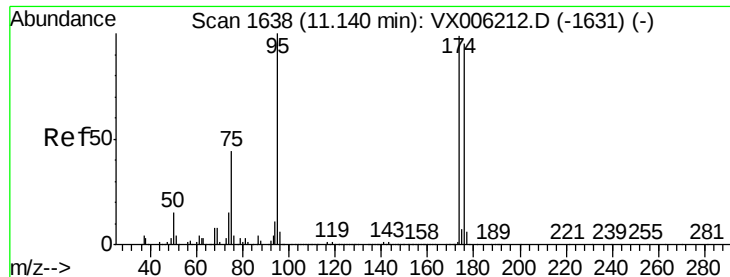
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#62

4-Bromofluorobenzene

Concen: 47.412 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006262.D

Acq: 03 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-A

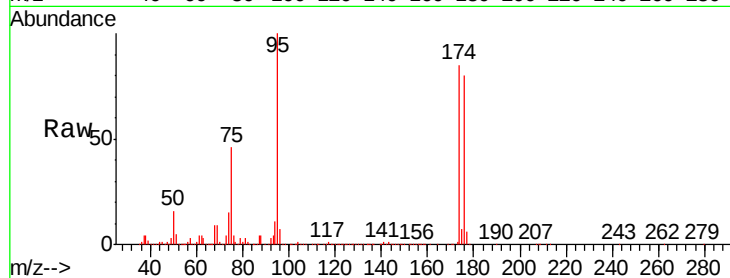
Tgt Ion: 95 Resp: 521581

Ion Ratio Lower Upper

95 100

174 89.8 0.0 187.0

176 85.8 0.0 181.8



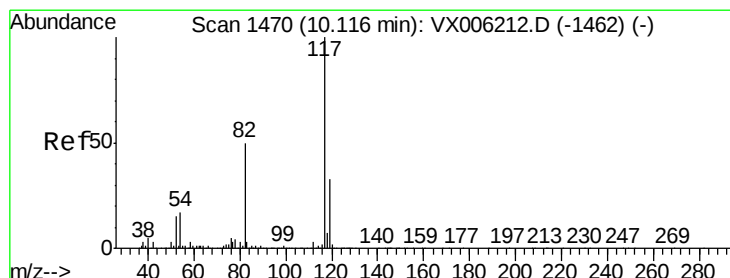
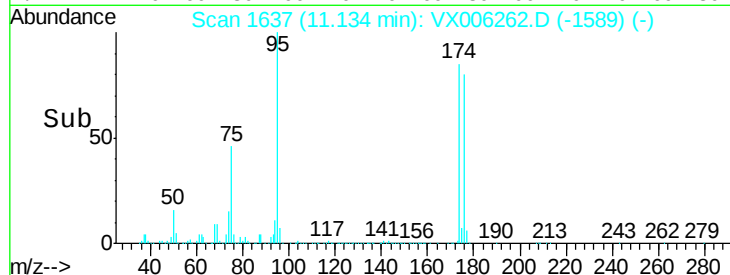
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006262.D

Acq: 03 Dec 2018 19:11

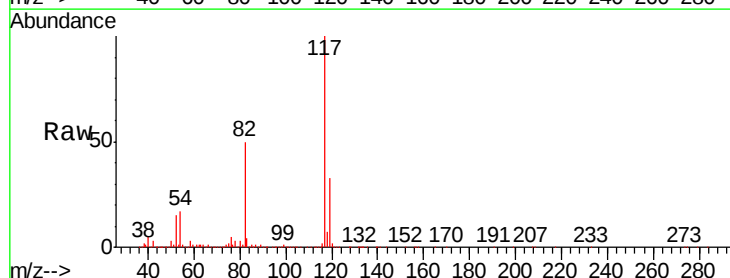
Tgt Ion: 117 Resp: 1103906

Ion Ratio Lower Upper

117 100

82 50.1 39.6 59.4

119 32.6 26.3 39.5



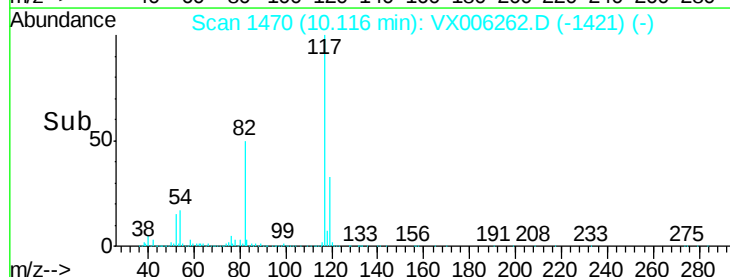
Abundance Ion 116.90 (116.60 to 117.60): V

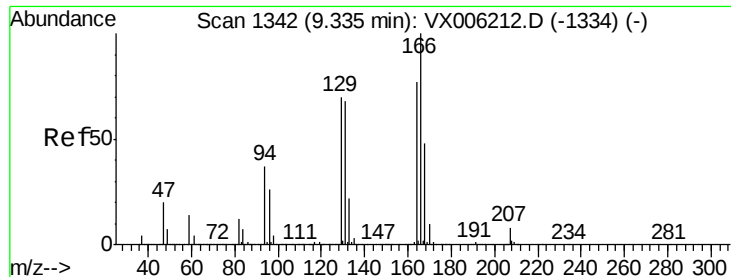
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.12

Time-->

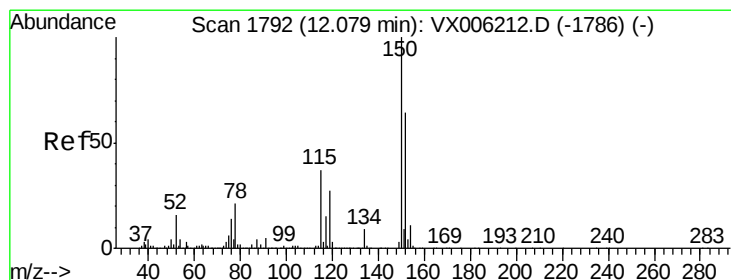
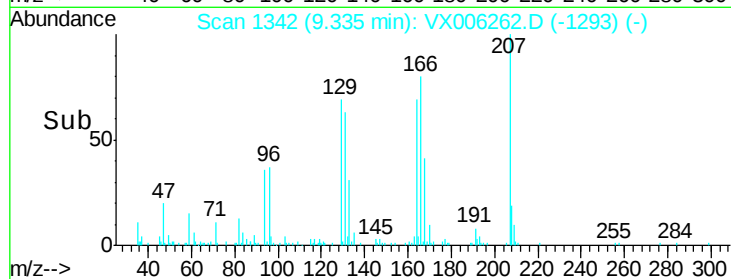
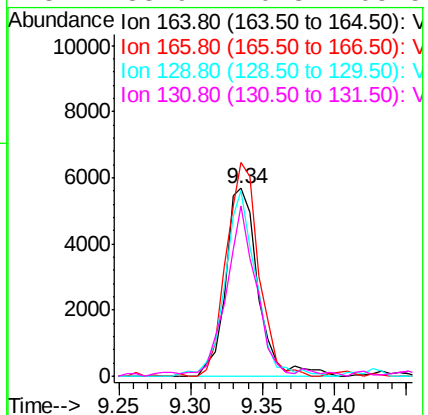
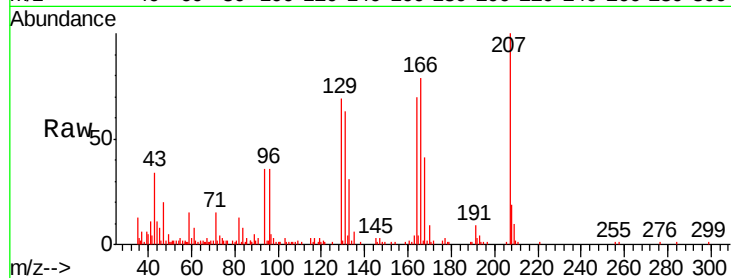




#64
Tetrachloroethene
Concen: 1.083 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

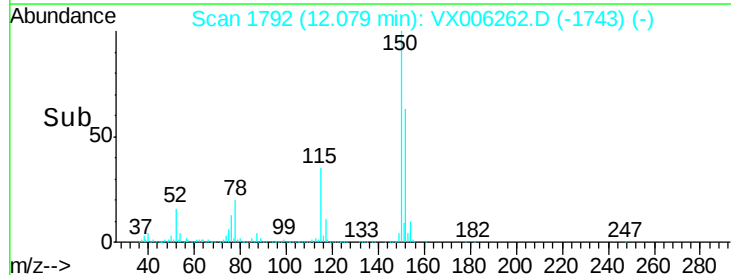
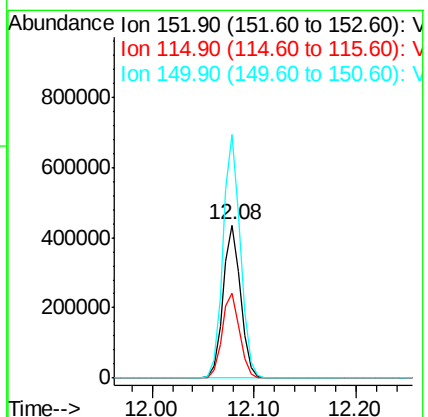
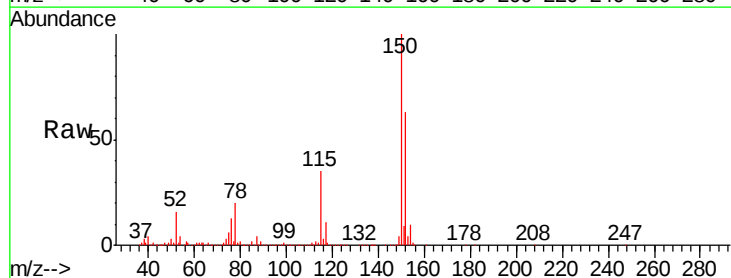
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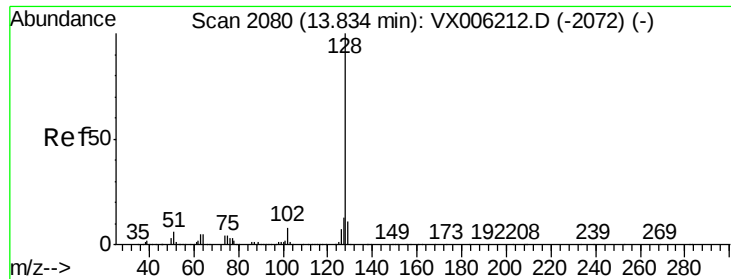
Tgt Ion:164 Resp: 9001
Ion Ratio Lower Upper
164 100
166 113.6 104.2 156.2
129 98.9 72.6 108.8
131 88.9 70.3 105.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006262.D
Acq: 03 Dec 2018 19:11

Tgt Ion:152 Resp: 518922
Ion Ratio Lower Upper
152 100
115 55.5 39.0 116.9
150 157.7 0.0 345.8





#95

Naphthalene

Concen: 2.600 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006262.D

Acq: 03 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-A

Tgt Ion:128 Resp: 103624

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.8 8.9 13.3

