

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005267.D
 Acq On : 11 Oct 2018 21:20
 Operator : JC/MD
 Sample : J5393-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D3-20181008

Quant Time: Oct 12 07:53:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

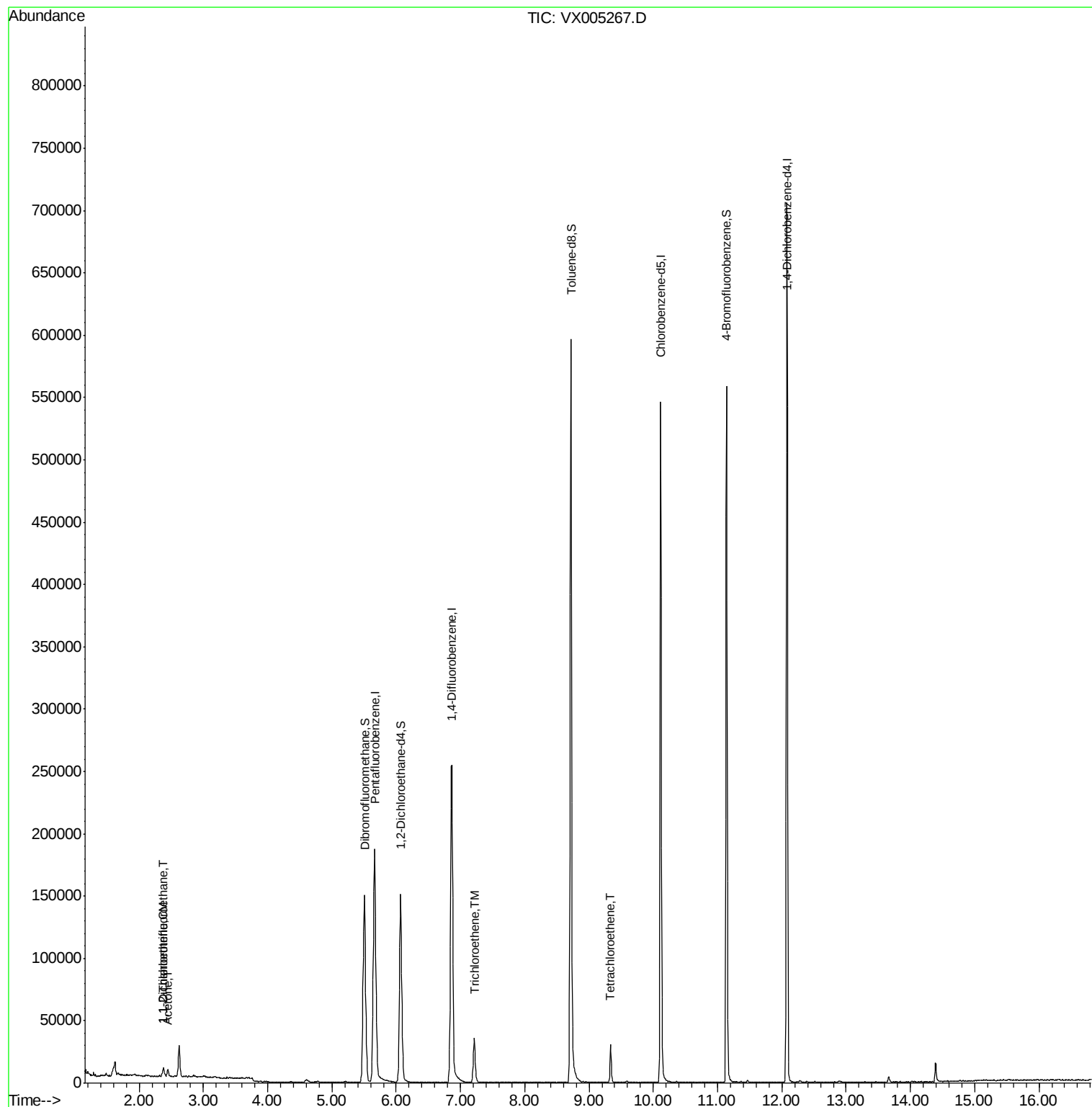
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	267487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	266616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141091	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	5.51	113	125051	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
50) Toluene-d8	8.72	98	384786	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	136418	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1543	0.75	ug/l	96
12) 1,1-Dichloroethene	2.37	96	1225	0.60	ug/l	89
16) Acetone	2.45	43	6359	4.04	ug/l	98
44) Trichloroethene	7.21	130	13892	5.84	ug/l	99
64) Tetrachloroethene	9.34	164	6211	2.37	ug/l	91

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005267.D

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MSVOA_X

ClientSampleId :

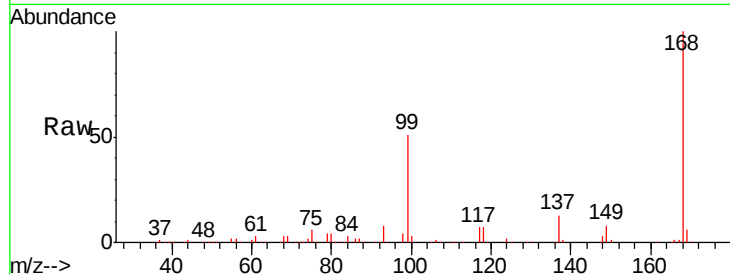
RE-126D3-20181008

Tgt Ion:168 Resp: 188759

Ion Ratio Lower Upper

168 100

99 50.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

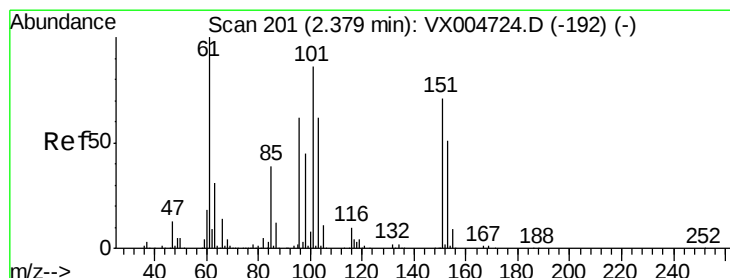
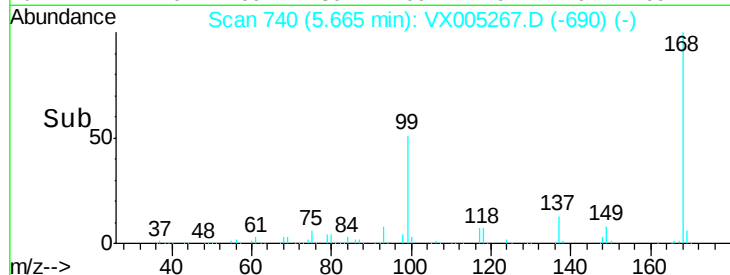
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.75 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005267.D

Acq: 11 Oct 2018 21:20

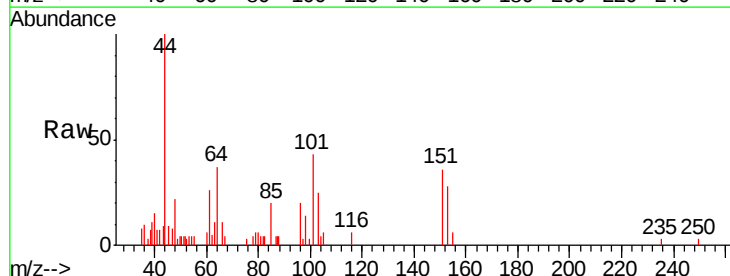
Tgt Ion:101 Resp: 1543

Ion Ratio Lower Upper

101 100

85 47.2 35.9 53.9

151 87.2 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

1000

800

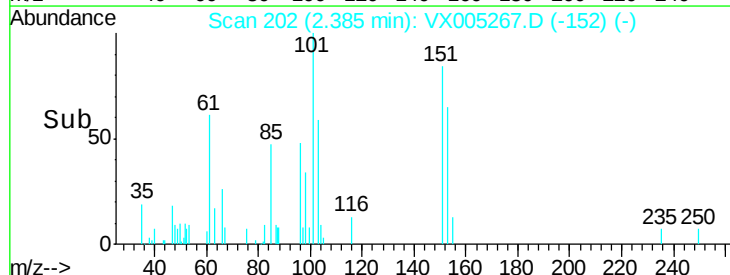
600

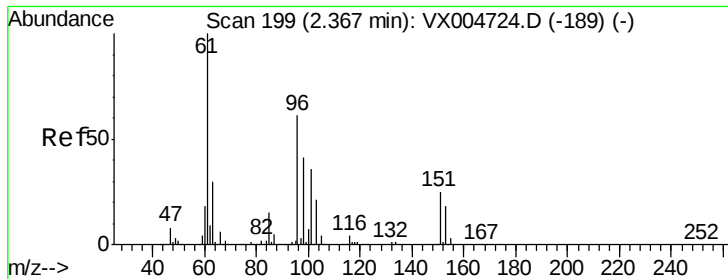
400

200

0

Time--> 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 0.60 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005267.D

Acq: 11 Oct 2018 21:20

Instrument :

MSVOA_X

ClientSampleId :

RE-126D3-20181008

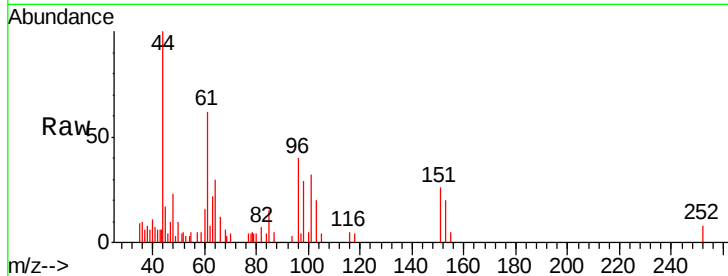
Tgt Ion: 96 Resp: 1225

Ion Ratio Lower Upper

96 100

61 147.6 130.2 195.4

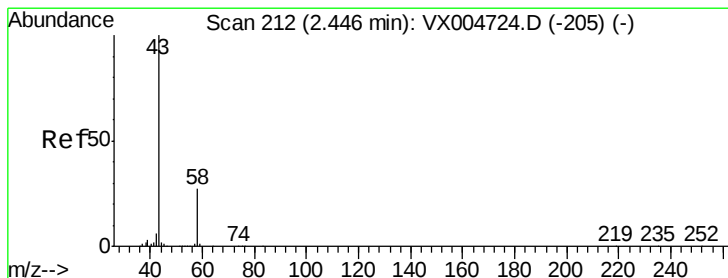
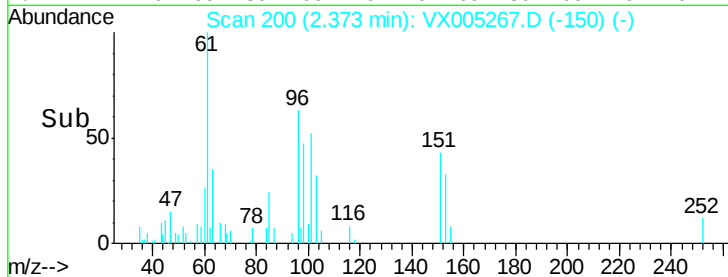
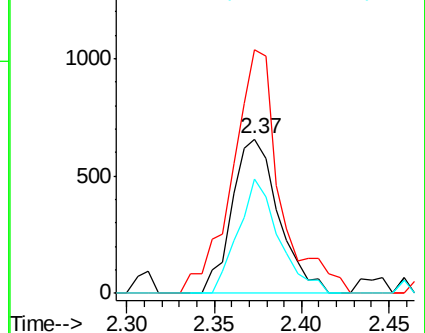
98 73.7 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 4.04 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005267.D

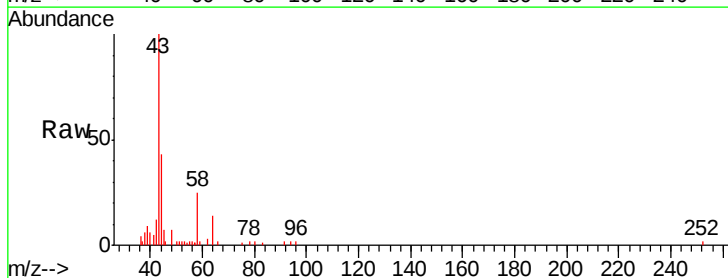
Acq: 11 Oct 2018 21:20

Tgt Ion: 43 Resp: 6359

Ion Ratio Lower Upper

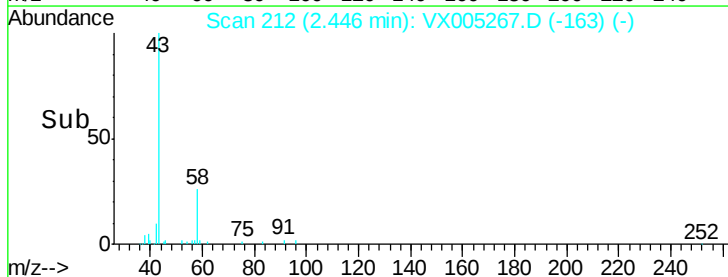
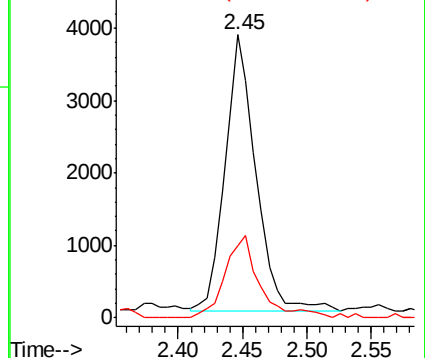
43 100

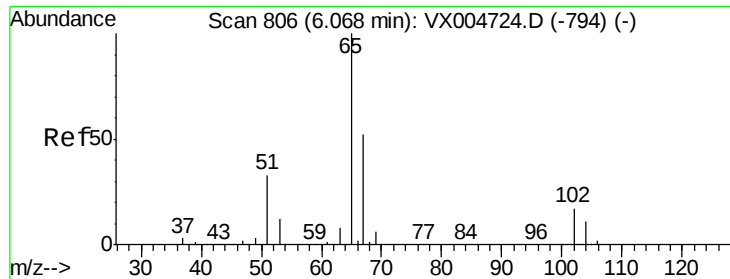
58 26.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.33 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005267.D

Acq: 11 Oct 2018 21:20

Instrument :

MSVOA_X

ClientSampleId :

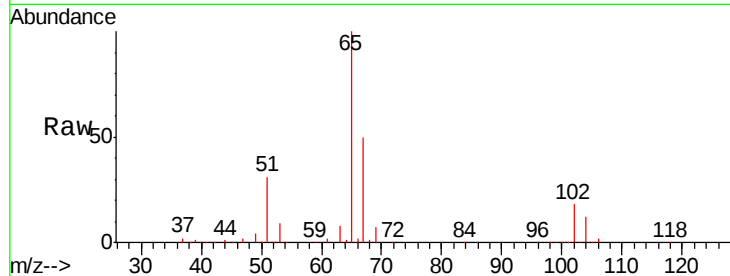
RE-126D3-20181008

Tgt Ion: 65 Resp: 141091

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

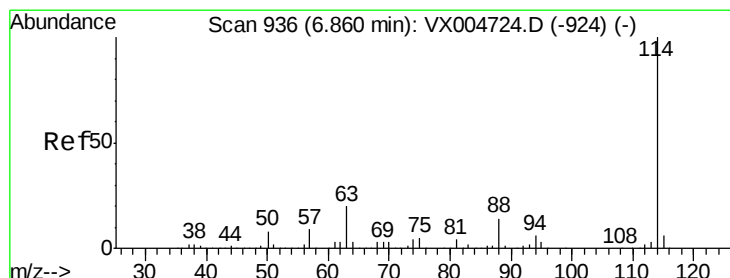
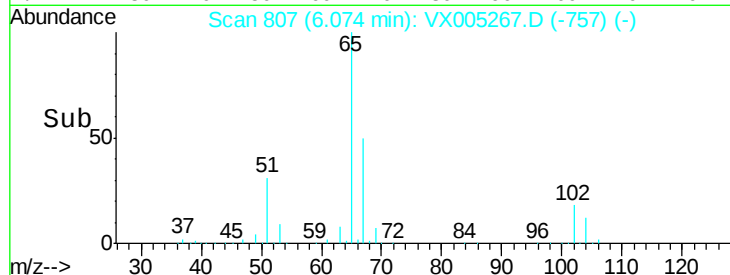
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005267.D

Acq: 11 Oct 2018 21:20

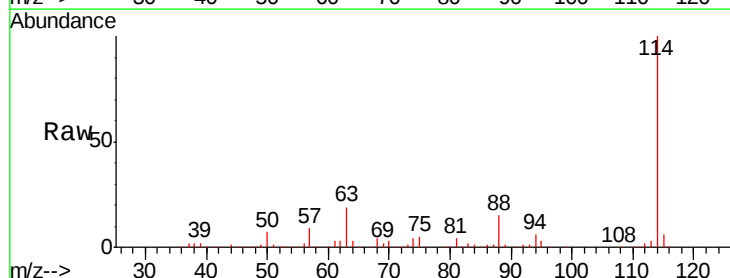
Tgt Ion: 114 Resp: 267487

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.8

88 15.1 0.0 27.0



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

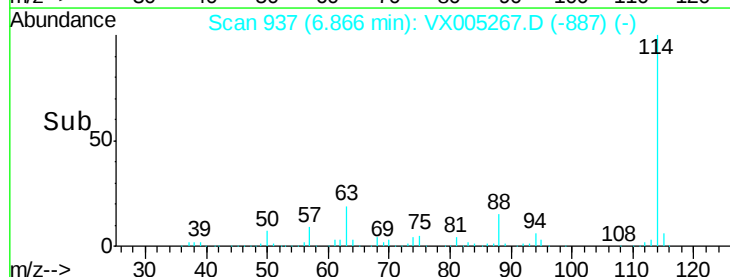
150000

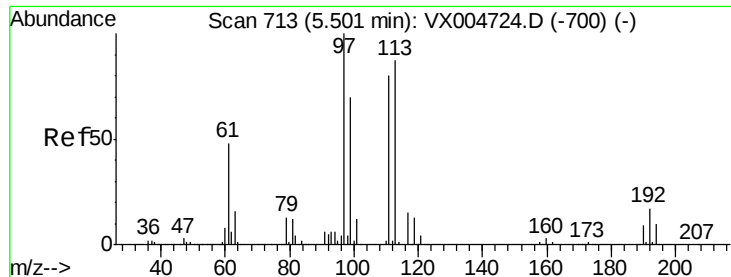
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

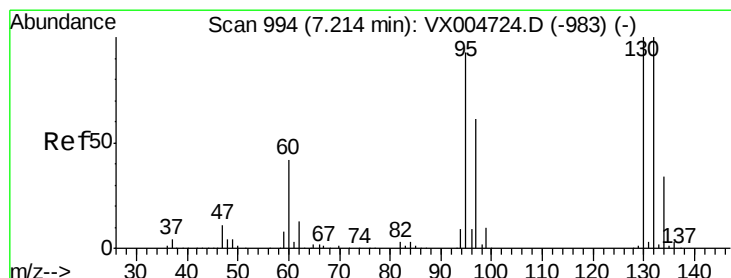
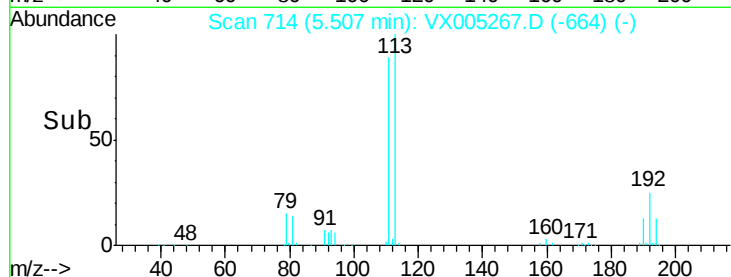
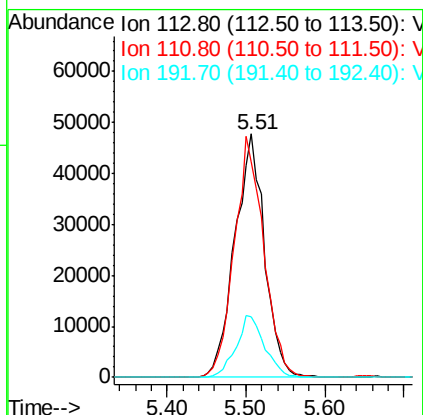
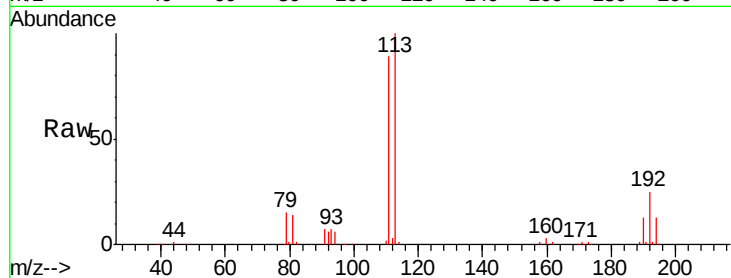




#35
 Dibromofluoromethane
 Concen: 55.16 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005267.D
 Acq: 11 Oct 2018 21:20

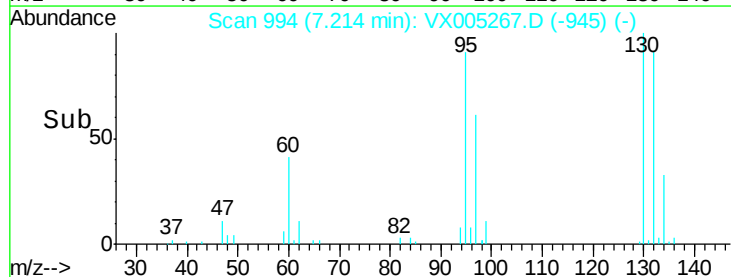
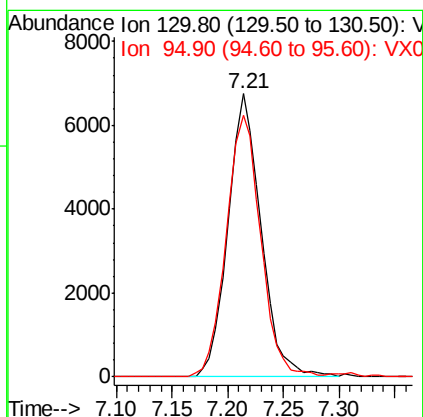
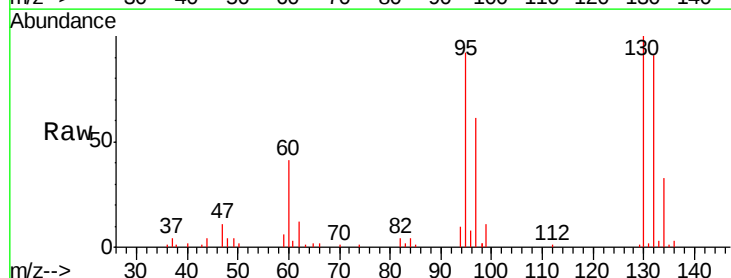
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D3-20181008

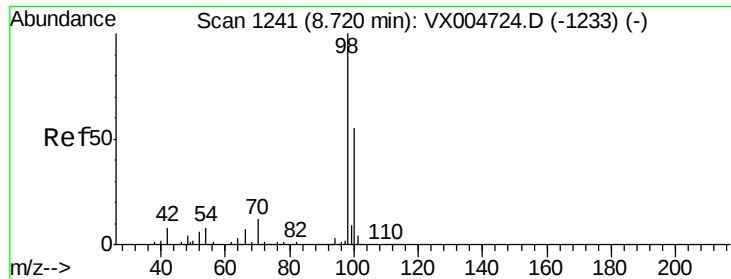
Tgt Ion:113 Resp: 125051
 Ion Ratio Lower Upper
 113 100
 111 98.4 77.0 115.4
 192 24.3 17.0 25.6



#44
 Trichloroethene
 Concen: 5.84 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005267.D
 Acq: 11 Oct 2018 21:20

Tgt Ion:130 Resp: 13892
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 186.8





#50

Toluene-d8

Concen: 51.06 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005267.D

Acq: 11 Oct 2018 21:20

Instrument :

MSVOA_X

ClientSampleId :

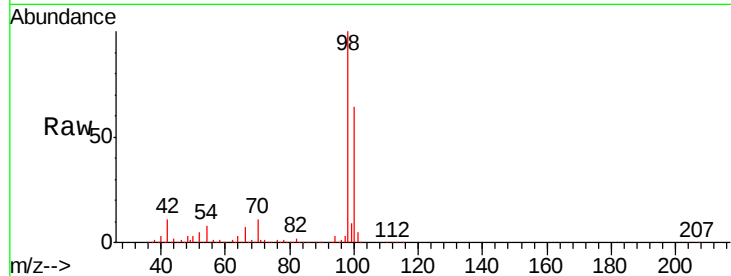
RE-126D3-20181008

Tgt Ion: 98 Resp: 384786

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

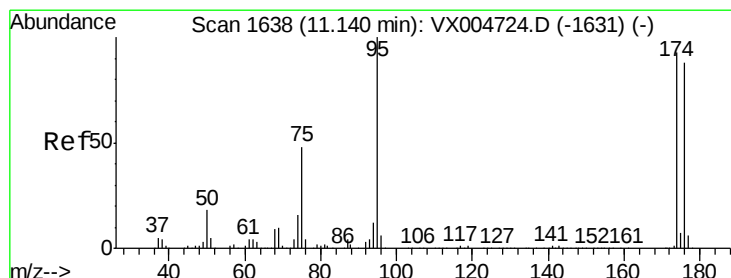
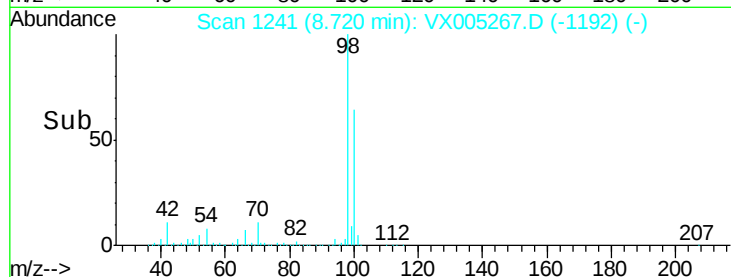
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 50.24 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005267.D

Acq: 11 Oct 2018 21:20

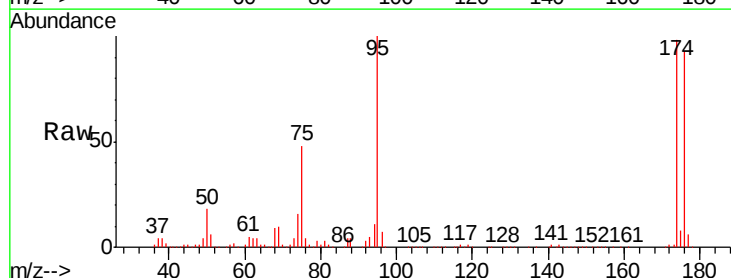
Tgt Ion: 95 Resp: 136418

Ion Ratio Lower Upper

95 100

174 95.9 0.0 185.0

176 91.8 0.0 180.2



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

150000

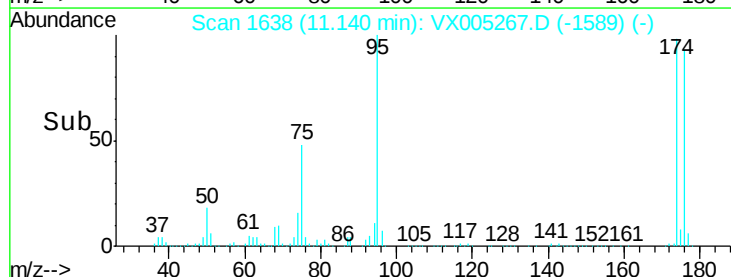
100000

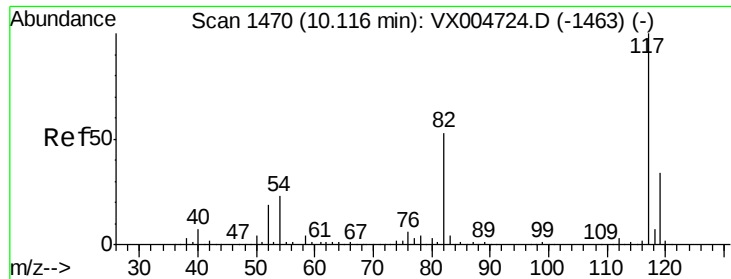
50000

0

11.10 11.20

Time-->

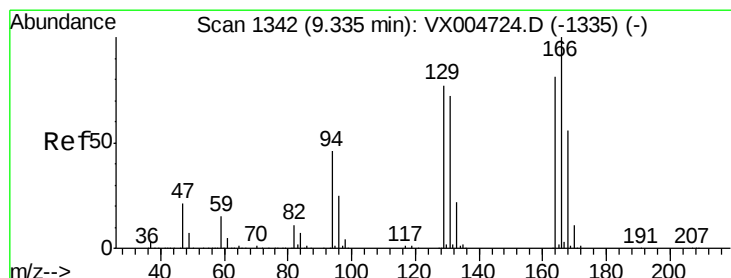
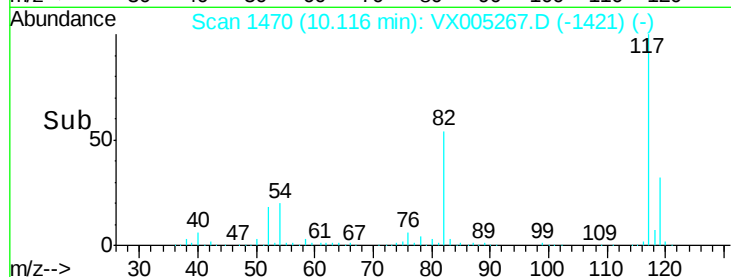
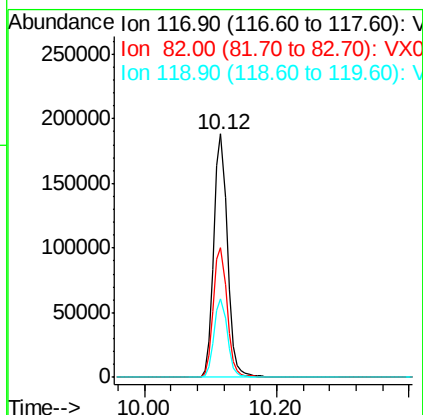
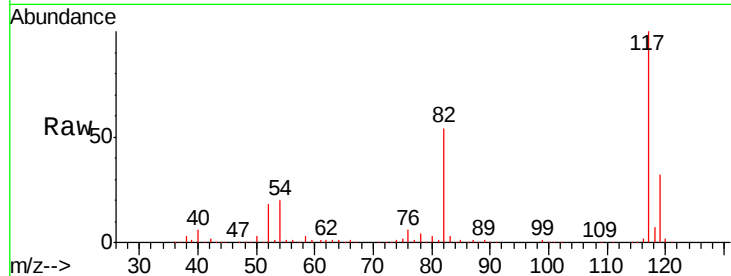




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005267.D
Acq: 11 Oct 2018 21:20

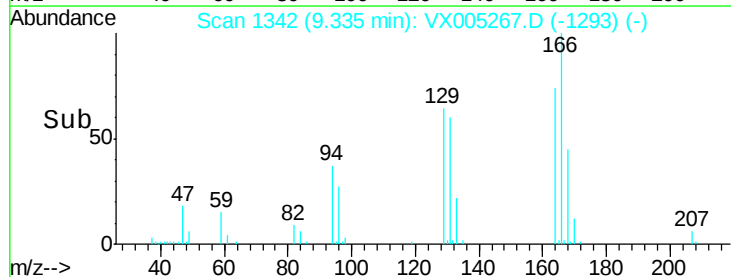
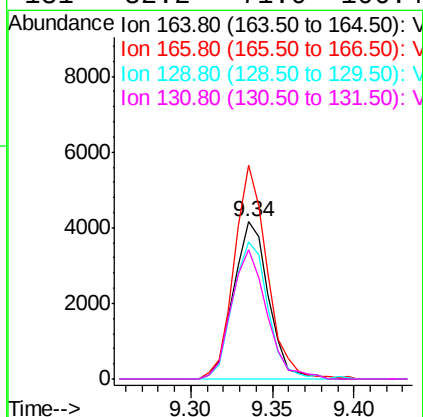
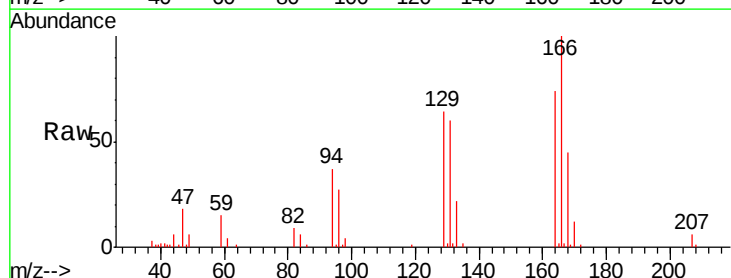
Instrument :
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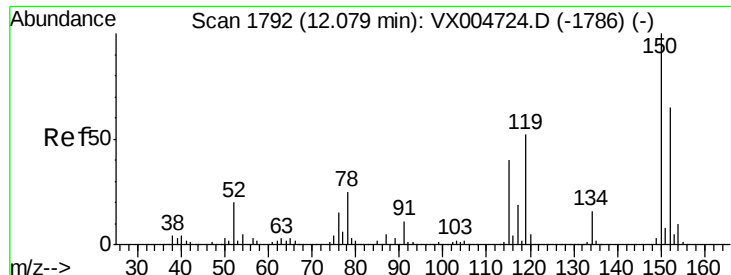
Tgt Ion:117 Resp: 266616
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 32.2 27.4 41.0



#64
Tetrachloroethene
Concen: 2.37 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005267.D
Acq: 11 Oct 2018 21:20

Tgt Ion:164 Resp: 6211
Ion Ratio Lower Upper
164 100
166 135.8 98.4 147.6
129 87.2 76.1 114.1
131 82.2 71.0 106.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005267.D
 Acq: 11 Oct 2018 21:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D3-20181008

Tgt Ion:	152	Resp:	147887
Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.2	120.6
150	155.2	0.0	351.0

