

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003665.D
 Acq On : 25 Jul 2018 18:37
 Operator : JC/SP
 Sample : J4073-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-071718

Quant Time: Jul 26 02:05:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

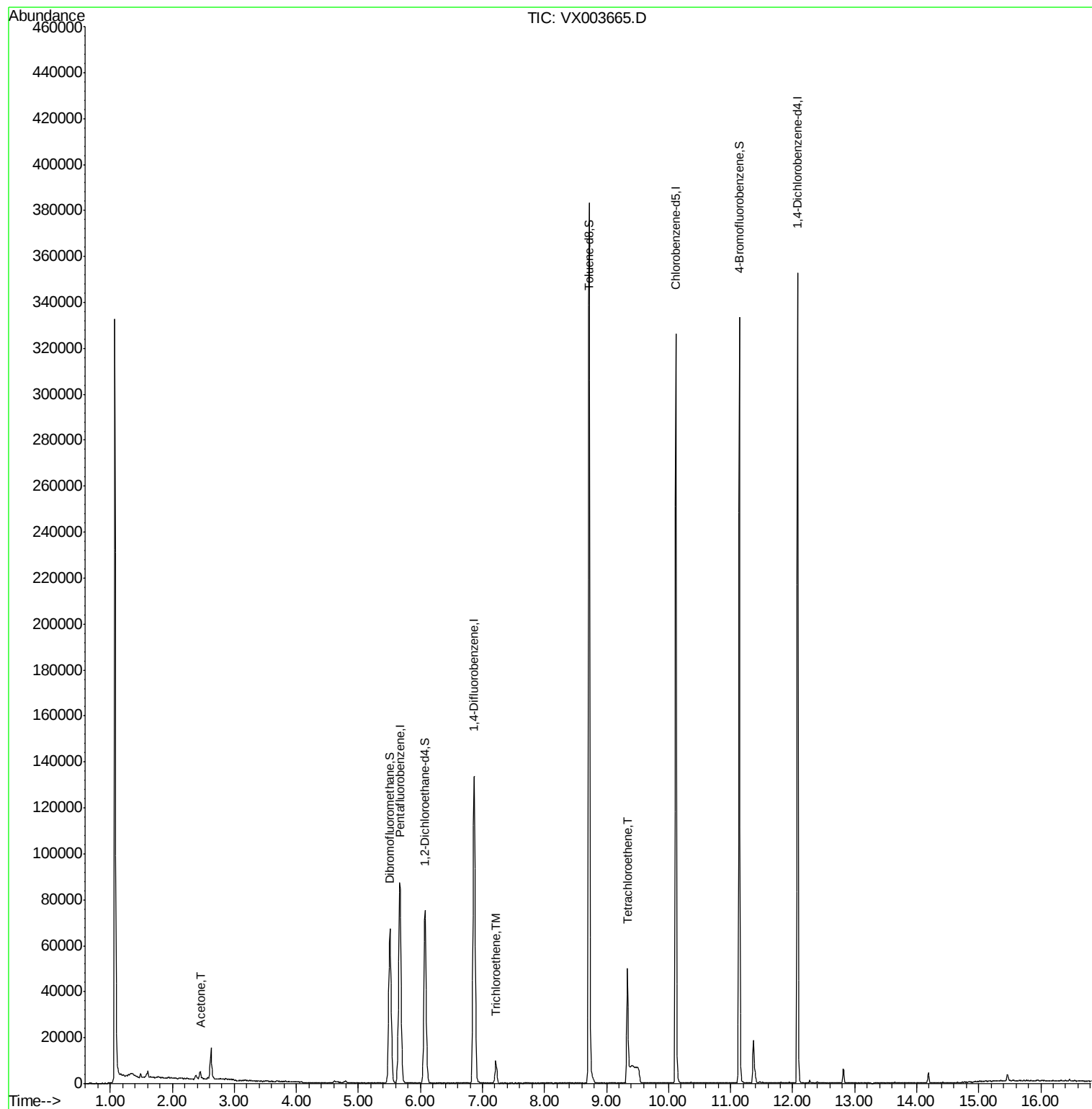
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	90329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	140288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71741	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	5.51	113	56654	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	8.72	98	232202	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.14	95	82201	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
Target Compounds						
16) Acetone	2.45	43	3398	5.41	ug/l	92
44) Trichloroethene	7.22	130	3933	3.02	ug/l	97
64) Tetrachloroethene	9.34	164	1497	1.10	ug/l	95

(#) = 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# 834

Delta R.T. 0.01 min

Lab File: VX003665.D

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Instrument :

MSVOA_X

ClientSampleId :

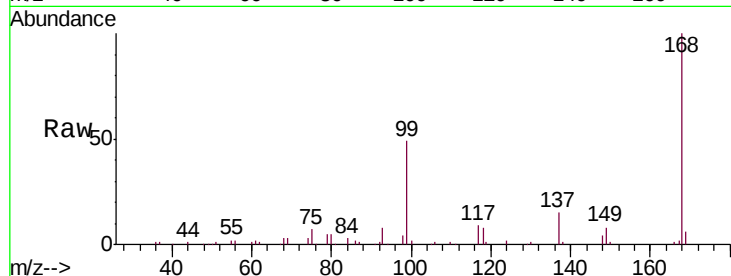
RE126D3-071718

Tot Ion:168 Resp: 90329

Ion Ratio Lower Upper

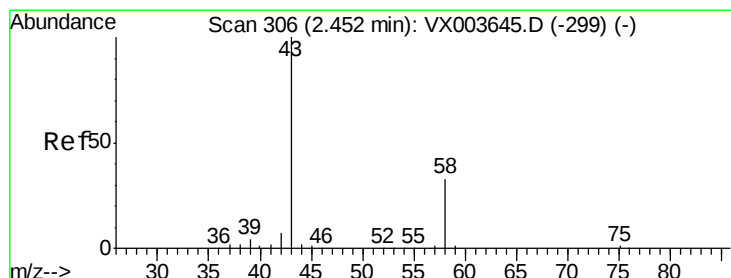
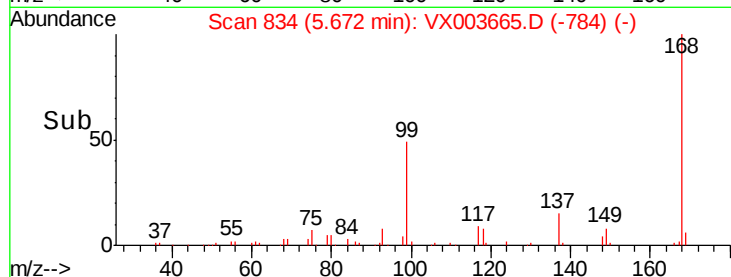
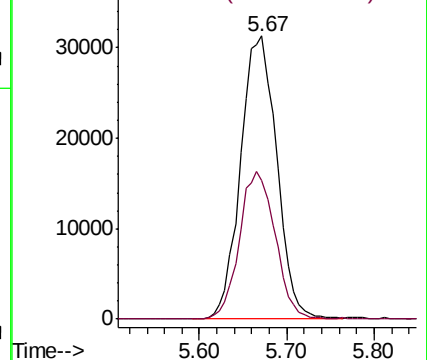
168 100

99 49.2 49.5 74.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003665.D

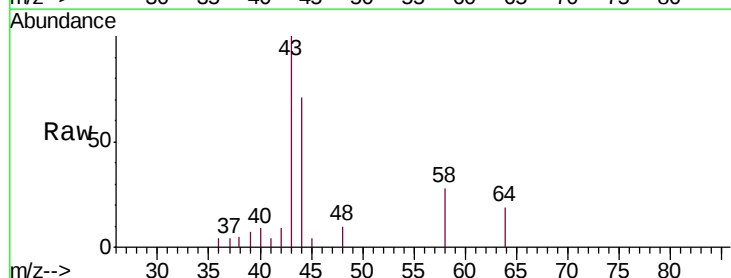
Acq: 25 Jul 2018 18:37

Tgt Ion: 43 Resp: 3398

Ion Ratio Lower Upper

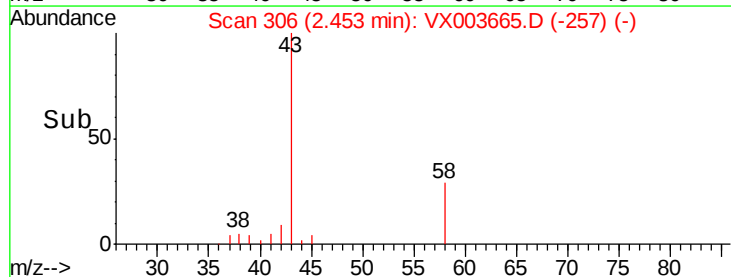
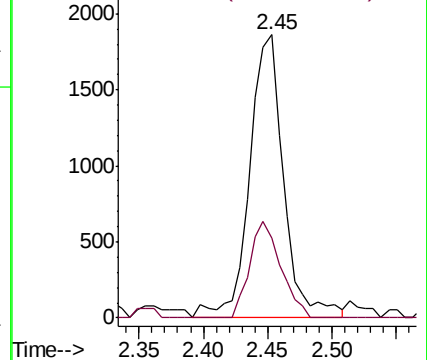
43 100

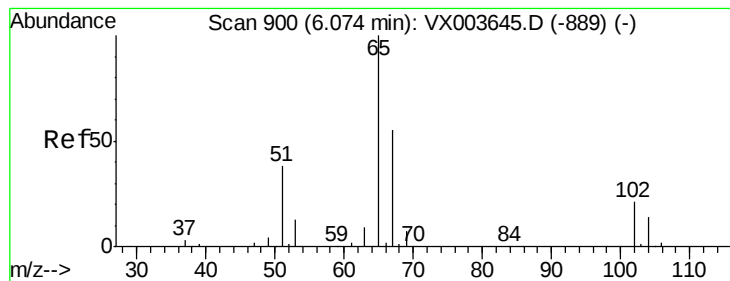
58 28.3 26.1 39.1



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: 53.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003665.D

Acq: 25 Jul 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

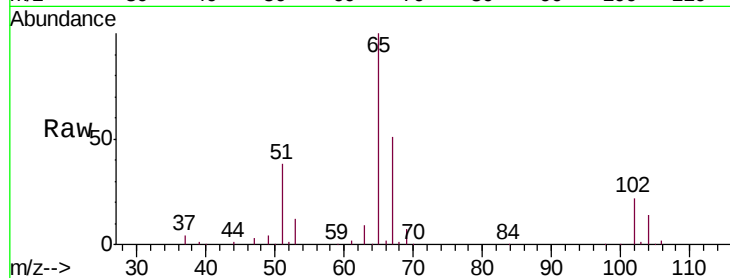
RE126D3-071718

Tot Ion: 65 Resp: 71741

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

30000

25000

20000

15000

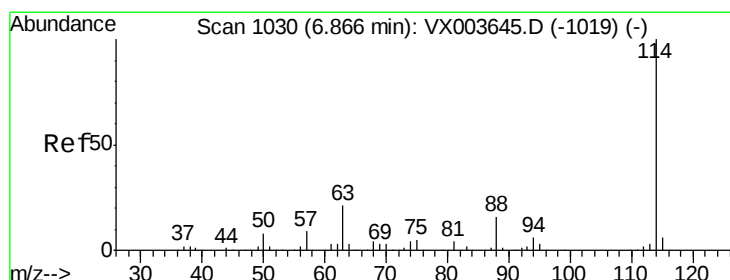
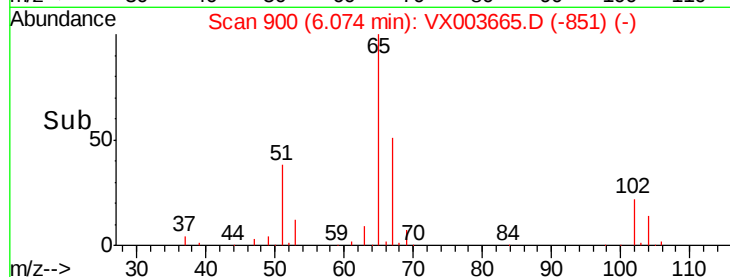
10000

5000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003665.D

Acq: 25 Jul 2018 18:37

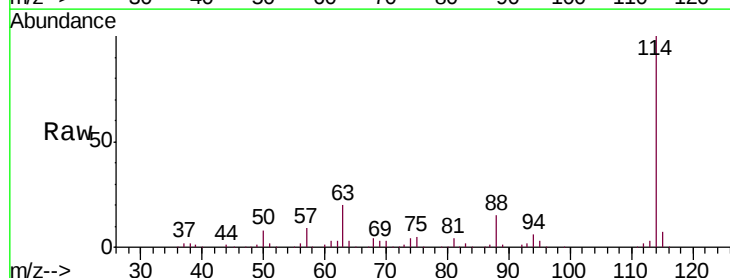
Tgt Ion: 114 Resp: 140288

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 15.1 0.0 31.8



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

80000

60000

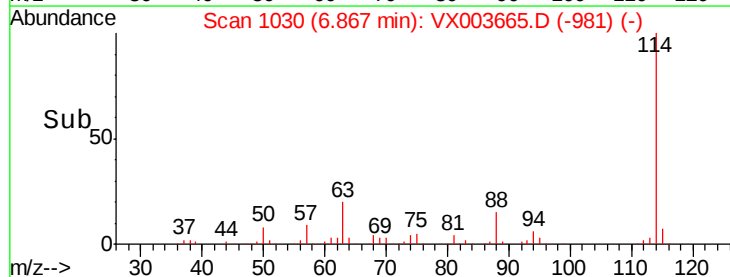
40000

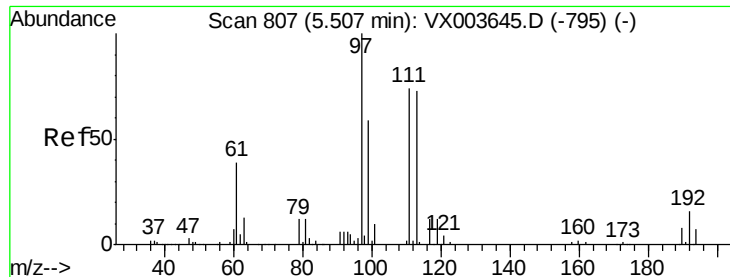
20000

0

Time-->

6.70 6.80 6.90 7.00

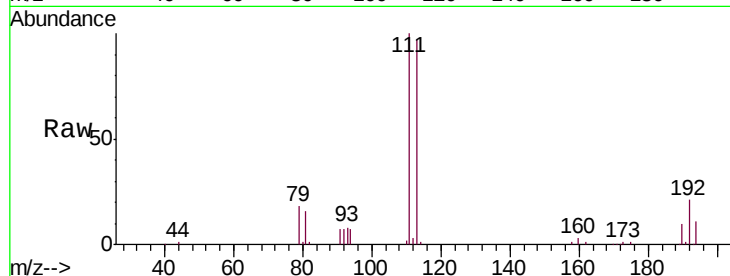




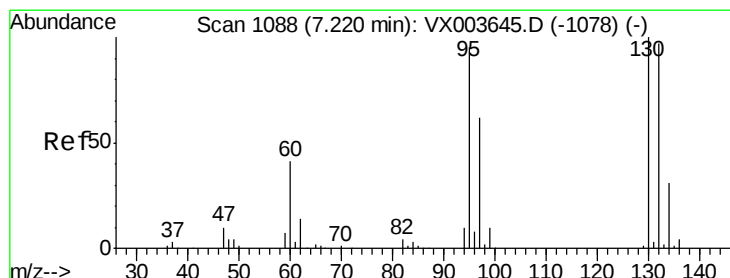
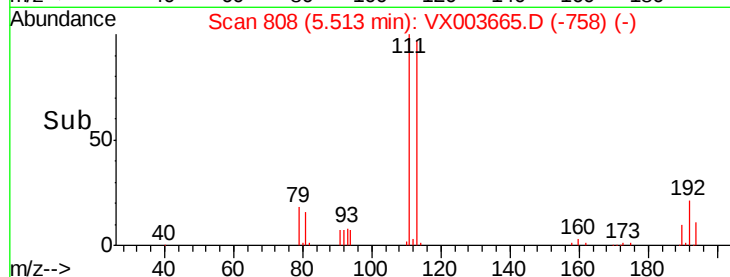
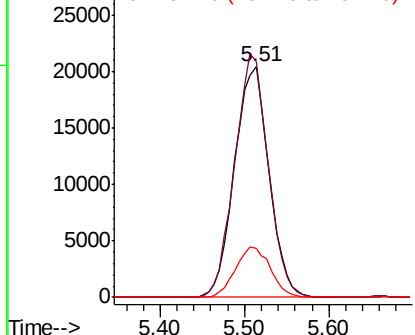
#35
 Dibromofluoromethane
 Concen: 49.40 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003665.D
 Acq: 25 Jul 2018 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-071718

Tot Ion:113 Resp: 56654
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.2 121.8
 192 21.9 18.2 27.4

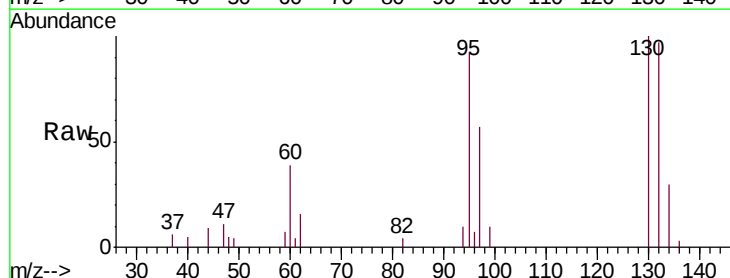


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

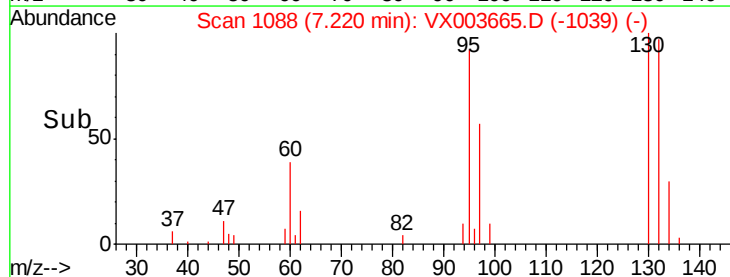
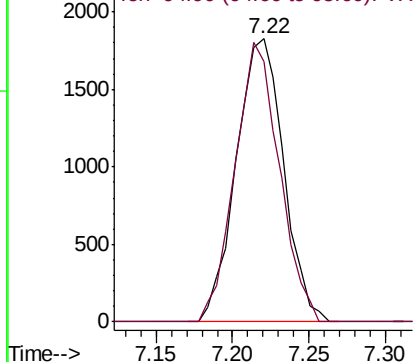


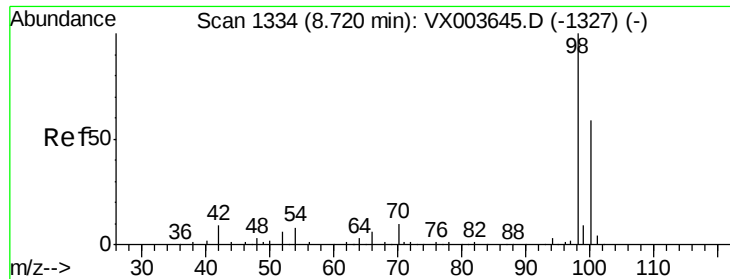
#44
 Trichloroethene
 Concen: 3.02 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX003665.D
 Acq: 25 Jul 2018 18:37

Tgt Ion:130 Resp: 3933
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.05 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003665.D

Acq: 25 Jul 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

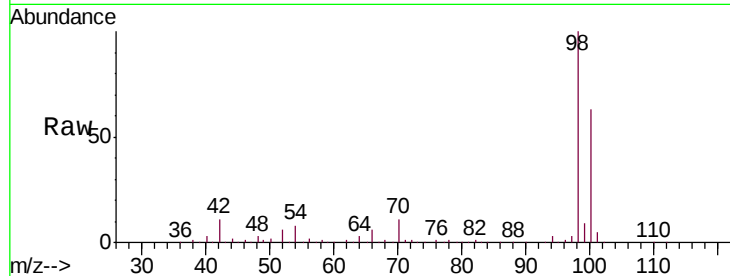
RE126D3-071718

Tot Ion: 98 Resp: 232202

Ion Ratio Lower Upper

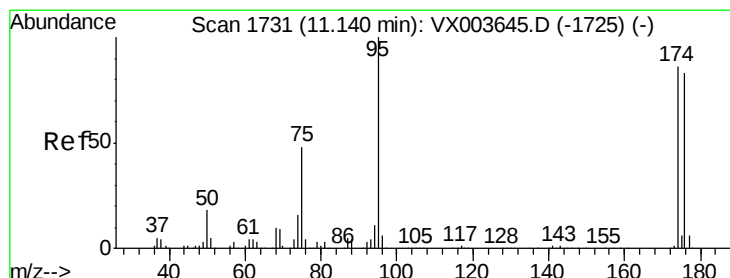
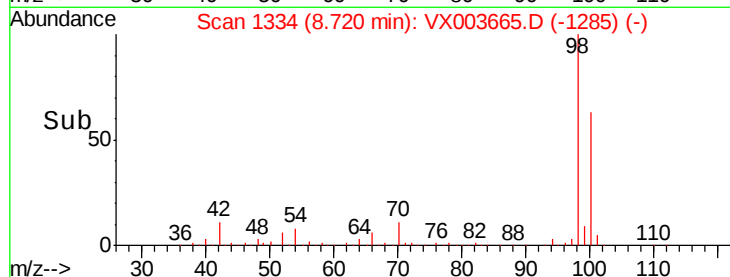
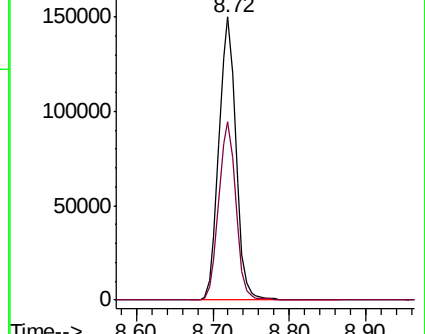
98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 51.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003665.D

Acq: 25 Jul 2018 18:37

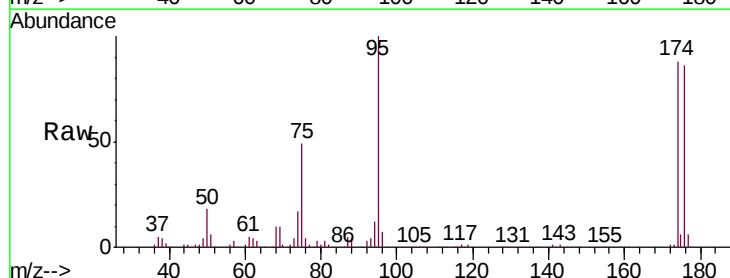
Tgt Ion: 95 Resp: 82201

Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.0

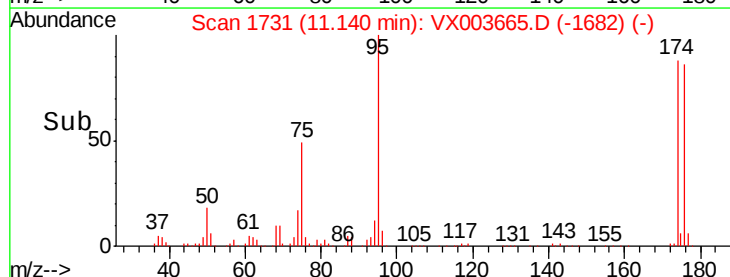
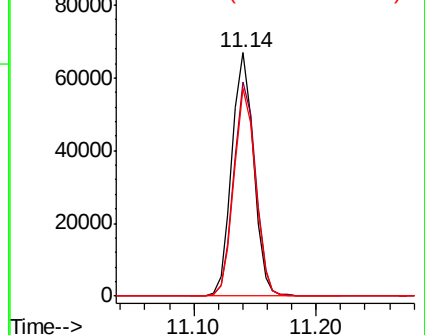
176 85.3 0.0 173.0

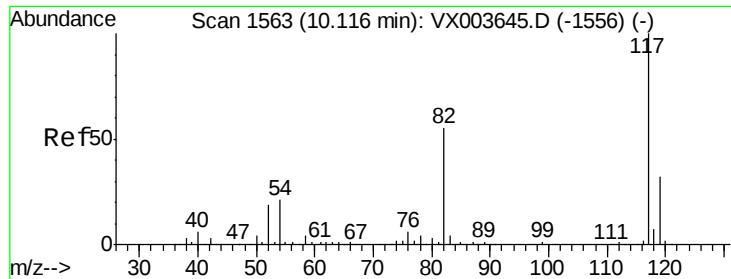


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

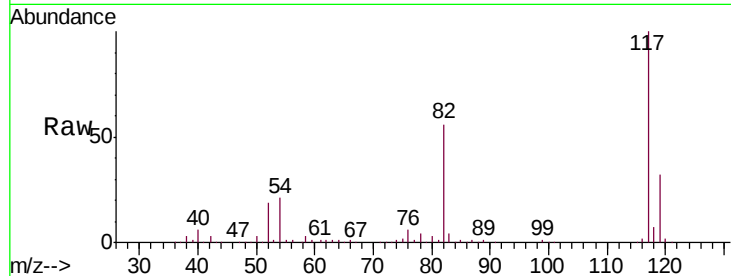




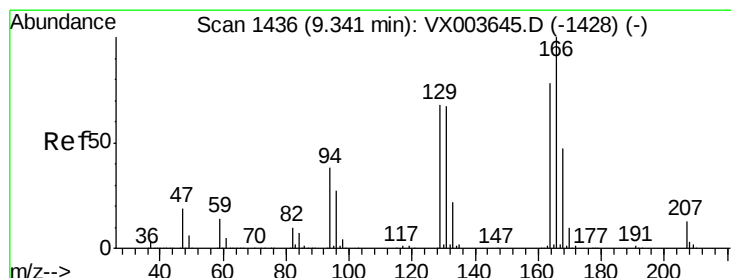
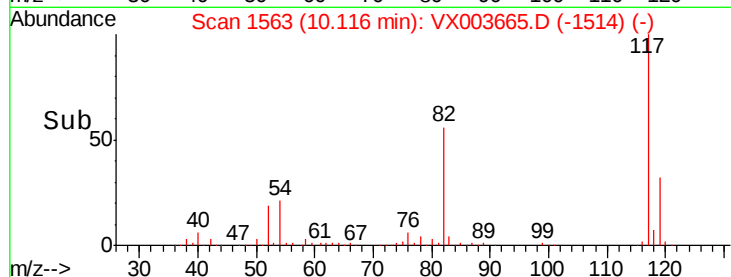
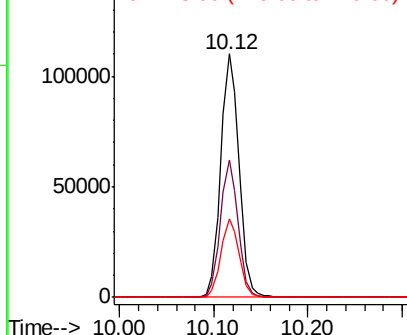
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003665.D
Acq: 25 Jul 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-071718

Tot Ion:117 Resp: 148350
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 32.1 25.6 38.4

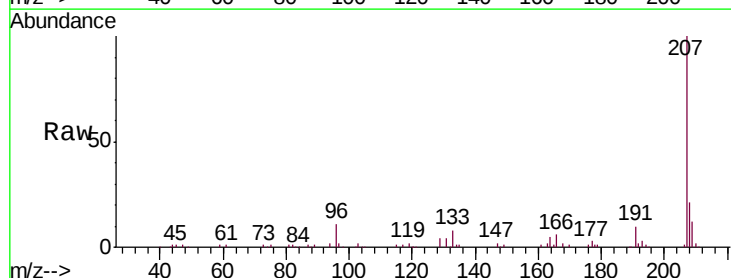


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

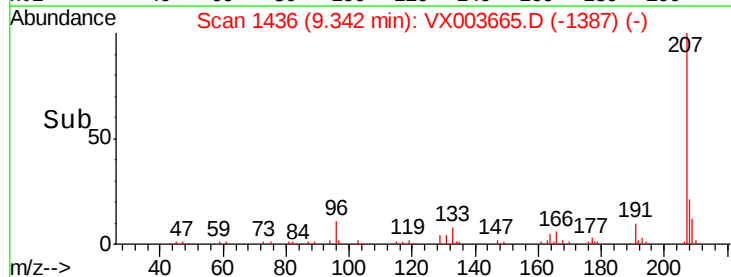
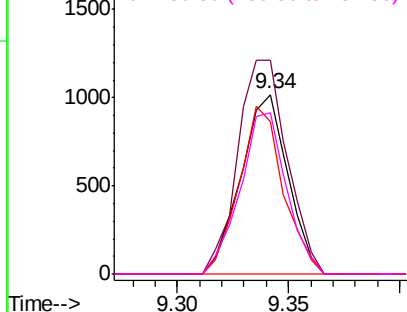


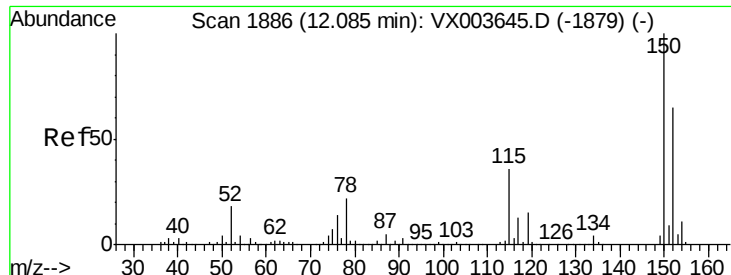
#64
Tetrachloroethene
Concen: 1.10 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003665.D
Acq: 25 Jul 2018 18:37

Tgt Ion:164 Resp: 1497
Ion Ratio Lower Upper
164 100
166 119.1 102.4 153.6
129 85.3 69.6 104.4
131 90.3 69.0 103.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003665.D

Acq: 25 Jul 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

RE126D3-071718

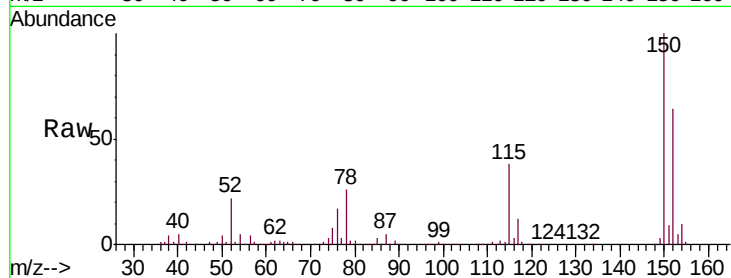
Tot Ion:152 Resp: 73136

Ion Ratio Lower Upper

152 100

115 56.3 40.0 119.9

150 154.5 0.0 348.4



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

