

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003532.D
 Acq On : 21 Jul 2018 02:16
 Operator : JC/SP
 Sample : J4014-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-071218

Quant Time: Jul 23 12:01:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

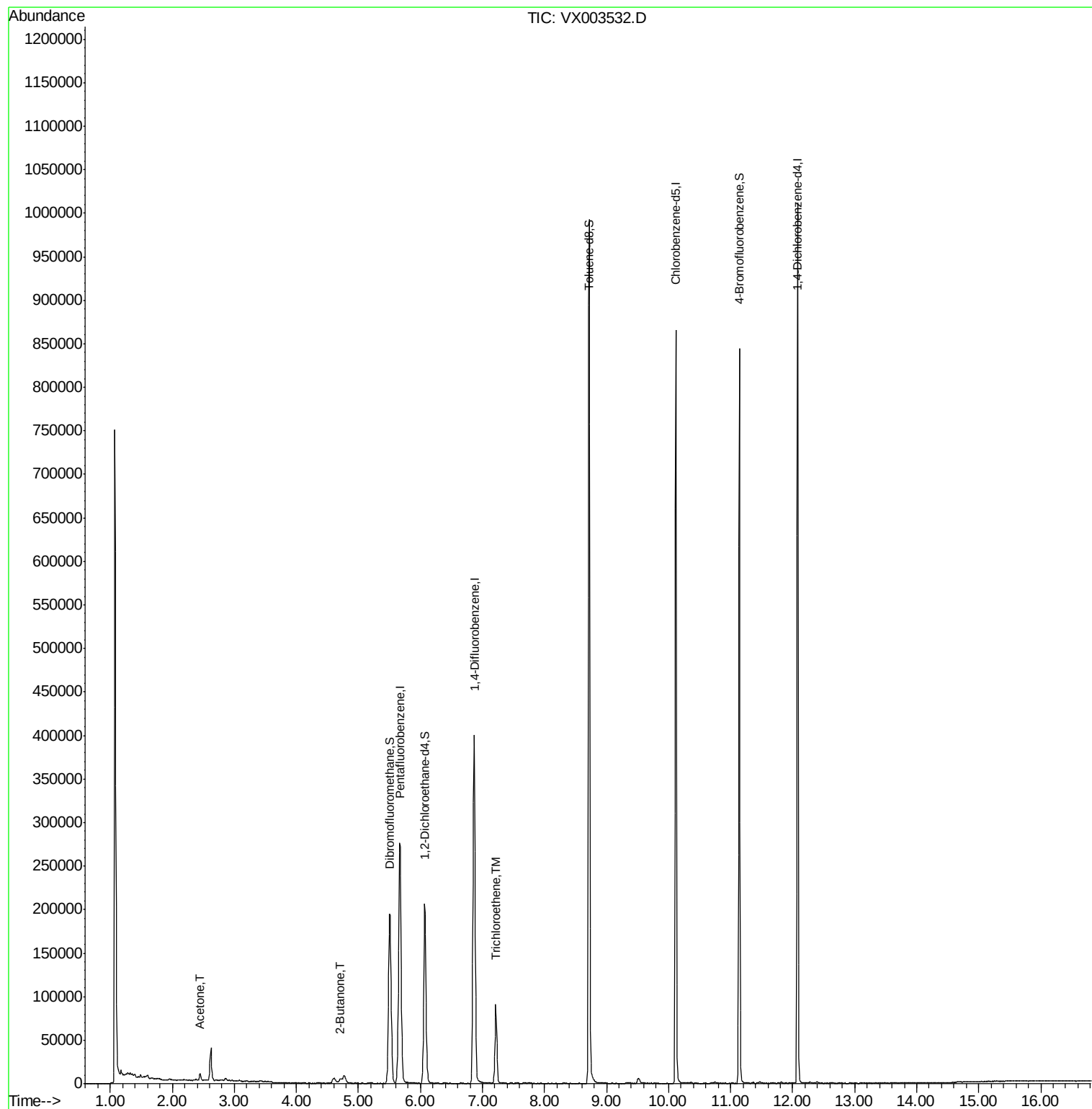
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	288656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	422364	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187468	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
35) Dibromofluoromethane	5.50	113	172155	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
50) Toluene-d8	8.72	98	611980	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	209712	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
Target Compounds						
16) Acetone	2.45	43	8131	6.300	ug/l #	81
25) 2-Butanone	4.71	43	9109	4.206	ug/l	95
44) Trichloroethene	7.21	130	36843	8.973	ug/l	99

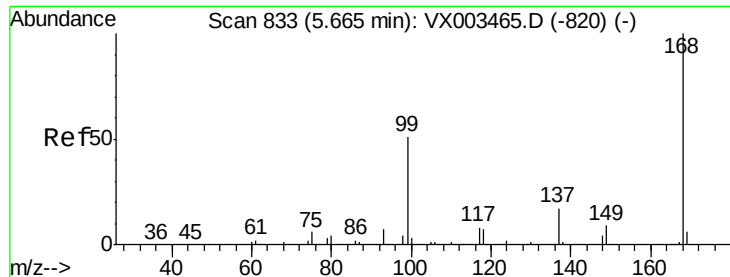
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

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MSVOA_X

ClientSampleId :

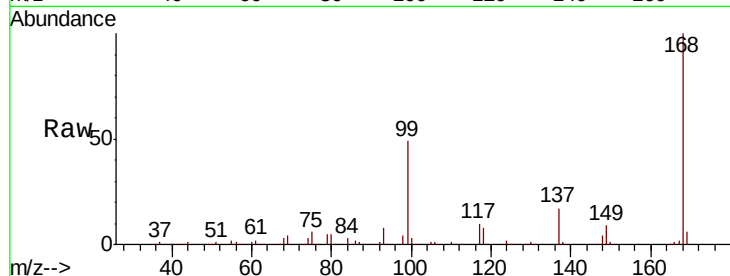
RE122D3-071218

Tgt Ion:168 Resp: 288656

Ion Ratio Lower Upper

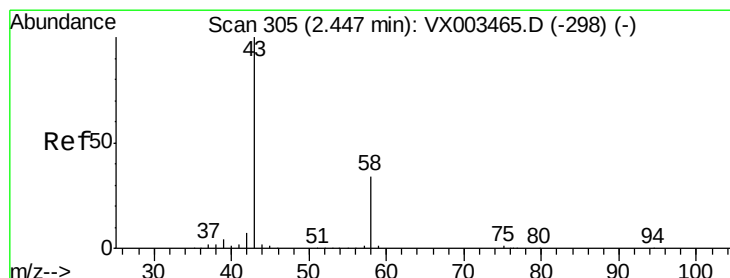
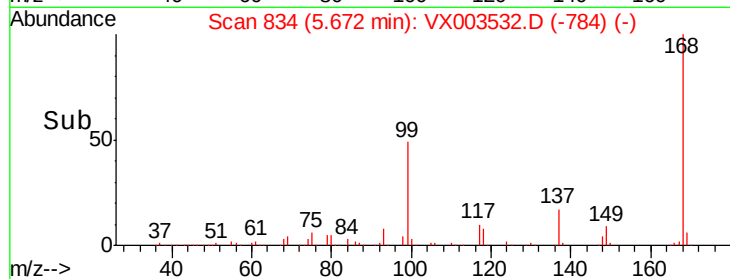
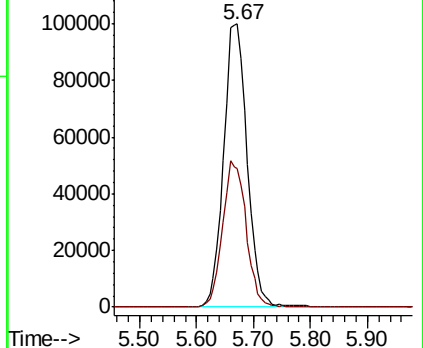
168 100

99 49.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.300 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003532.D

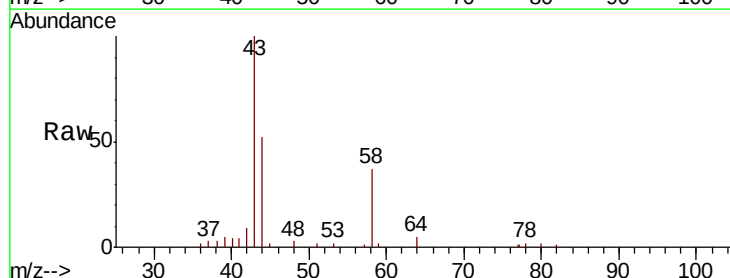
Acq: 21 Jul 2018 02:16

Tgt Ion: 43 Resp: 8131

Ion Ratio Lower Upper

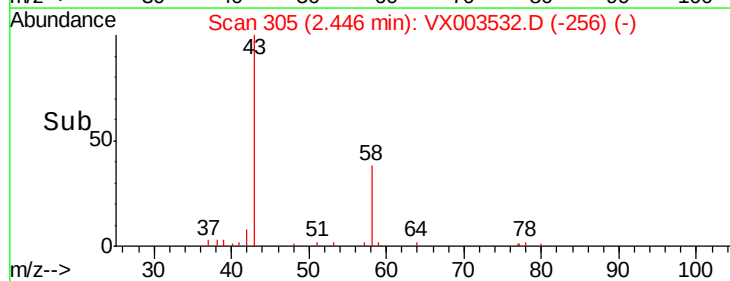
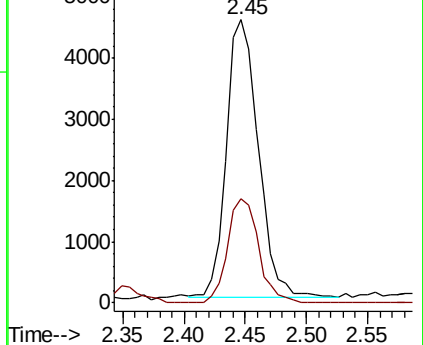
43 100

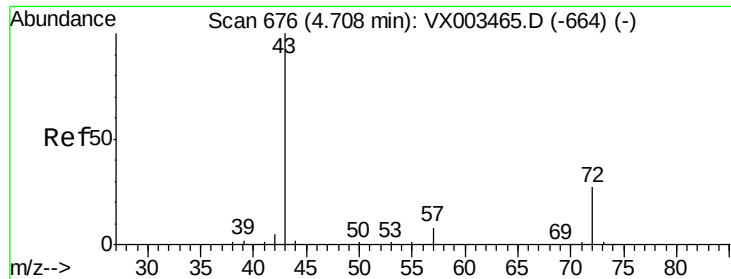
58 37.6 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 4.206 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003532.D

Acq: 21 Jul 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

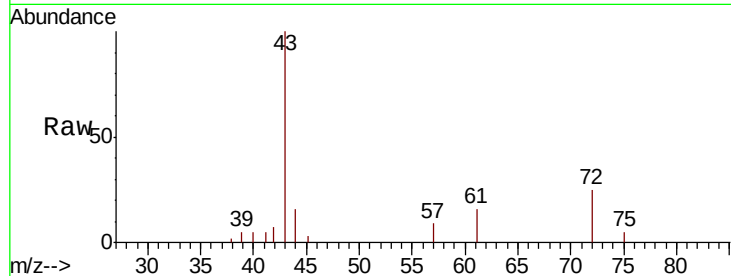
RE122D3-071218

Tgt Ion: 43 Resp: 9109

Ion Ratio Lower Upper

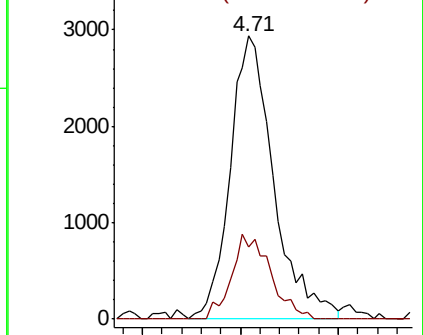
43 100

72 25.4 18.5 27.7

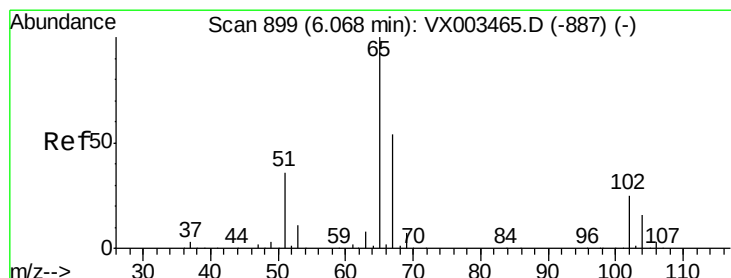
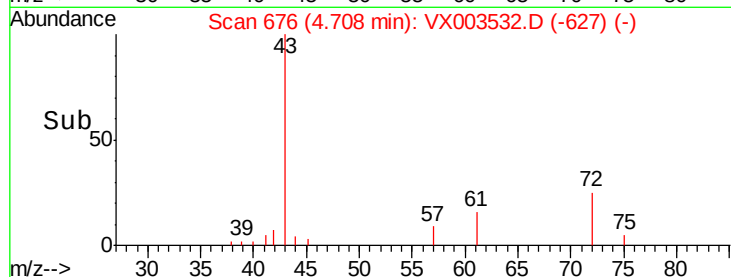


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.865 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003532.D

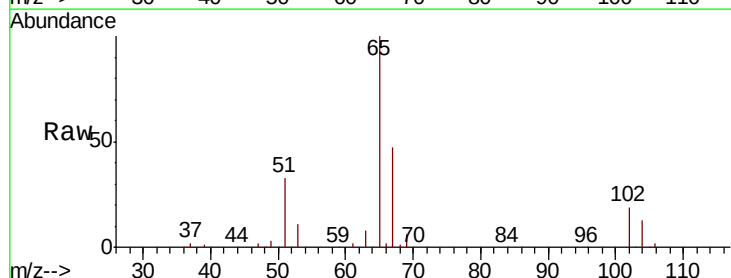
Acq: 21 Jul 2018 02:16

Tgt Ion: 65 Resp: 187468

Ion Ratio Lower Upper

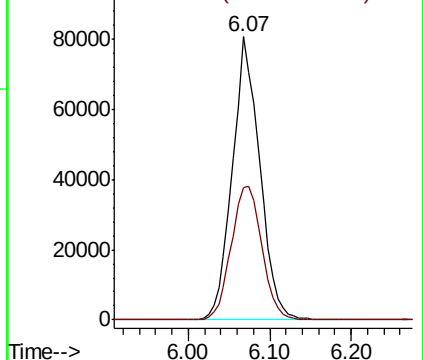
65 100

67 53.0 0.0 102.6

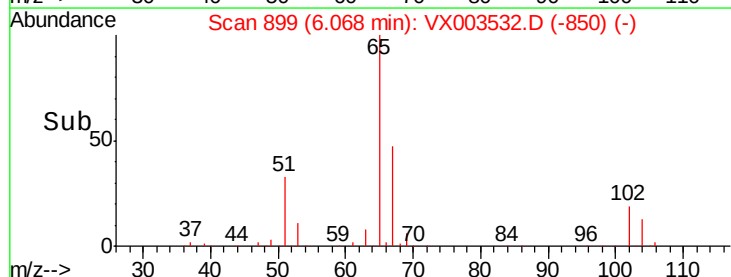


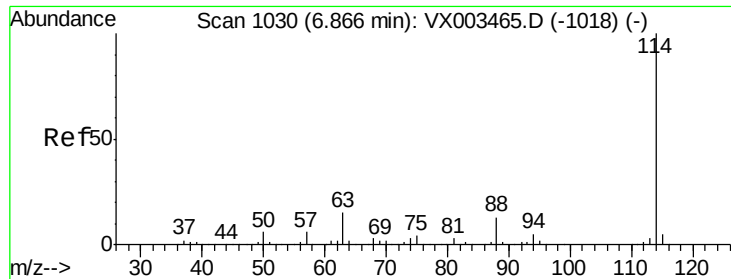
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003532.D

Acq: 21 Jul 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-071218

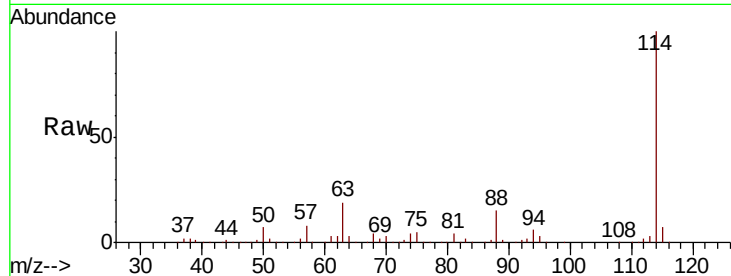
Tgt Ion:114 Resp: 422364

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

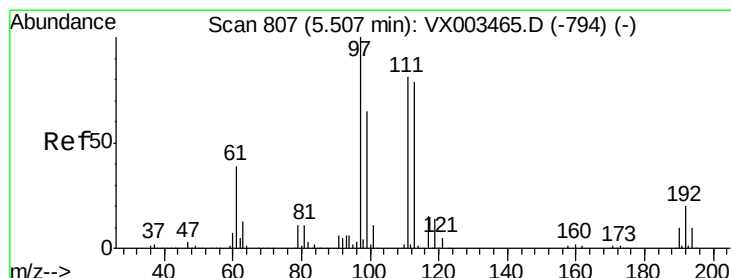
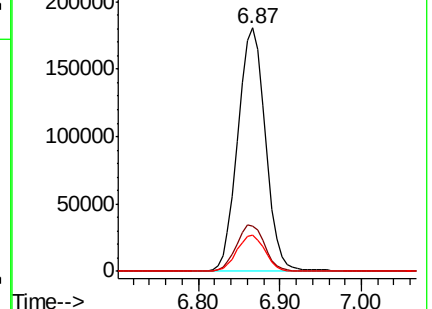
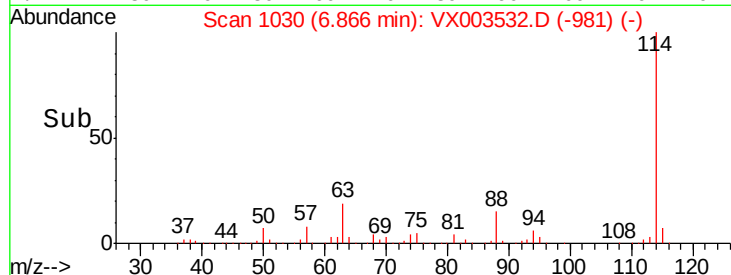
88 14.7 0.0 30.0



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: 53.514 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003532.D

Acq: 21 Jul 2018 02:16

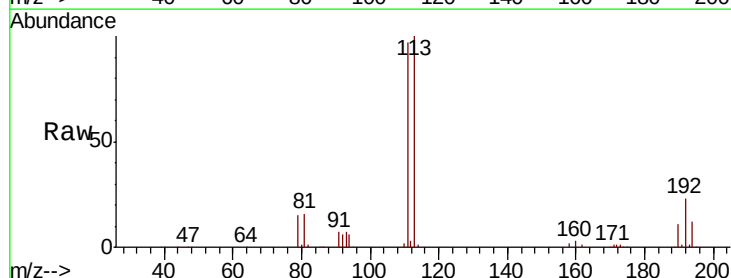
Tgt Ion:113 Resp: 172155

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

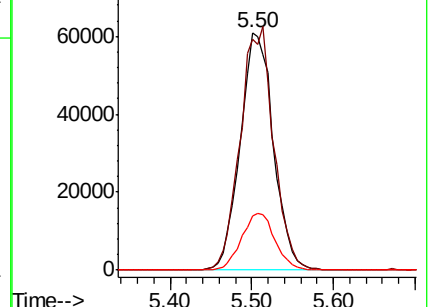
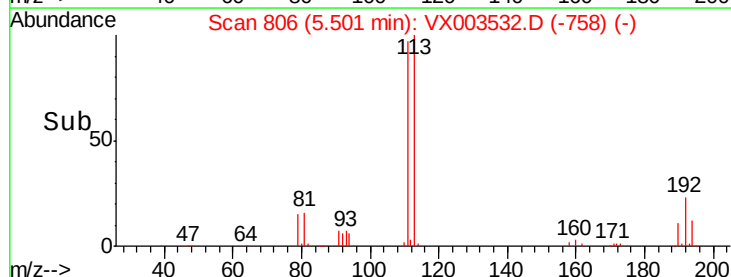
192 24.2 19.1 28.7

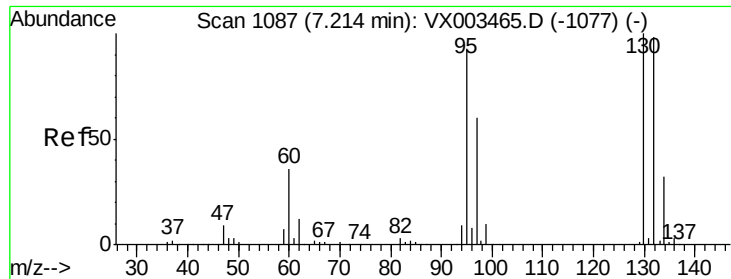


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.973 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003532.D

Acq: 21 Jul 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

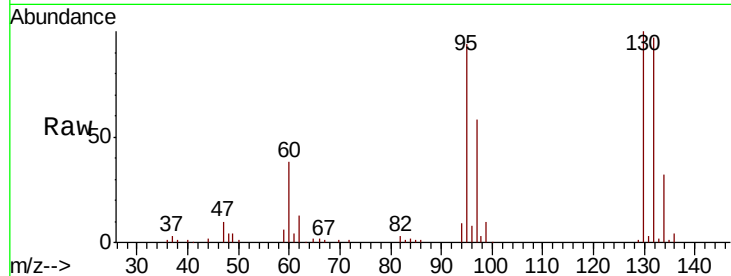
RE122D3-071218

Tgt Ion:130 Resp: 36843

Ion Ratio Lower Upper

130 100

95 93.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

20000

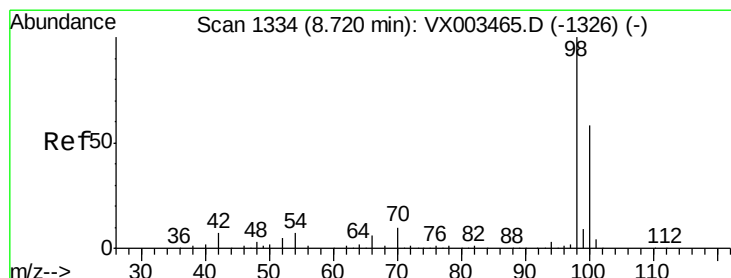
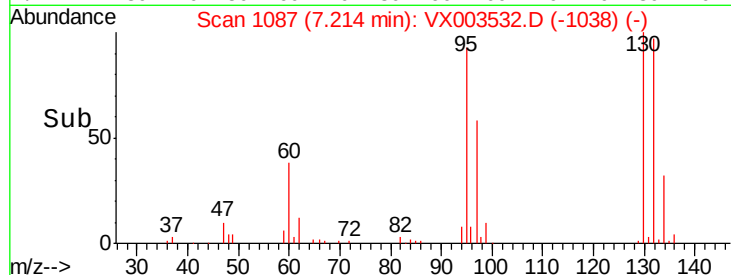
15000

10000

5000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 50.612 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003532.D

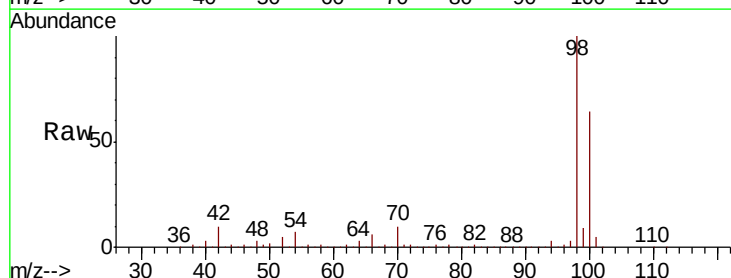
Acq: 21 Jul 2018 02:16

Tgt Ion: 98 Resp: 611980

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

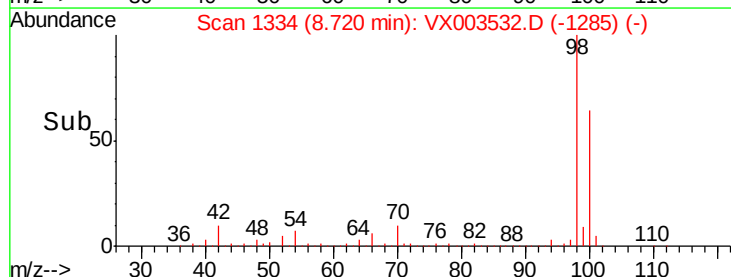
300000

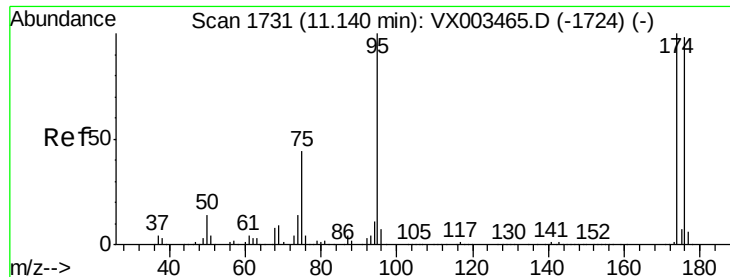
200000

100000

0

Time--> 8.60 8.70 8.80 8.90

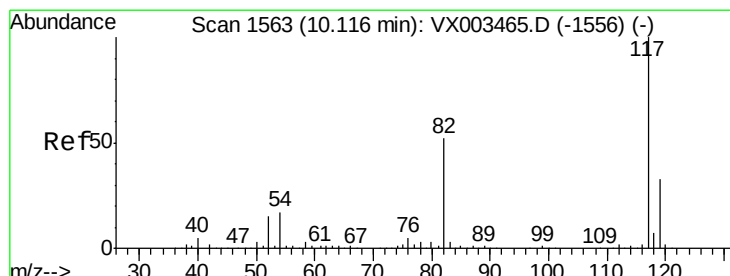
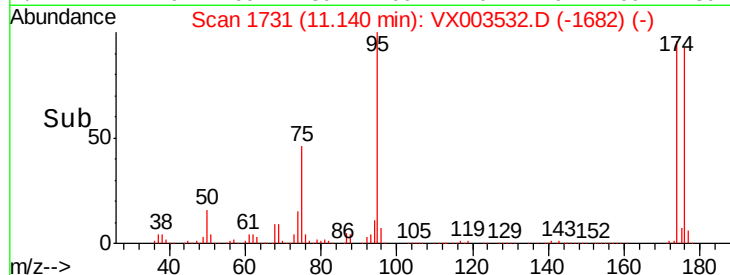
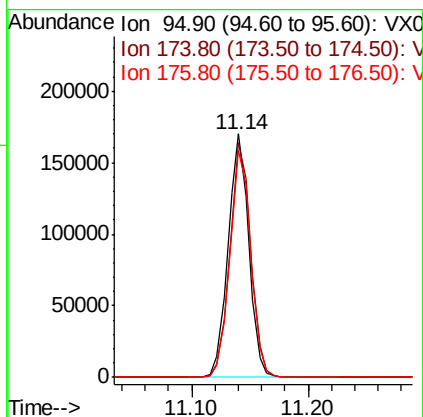
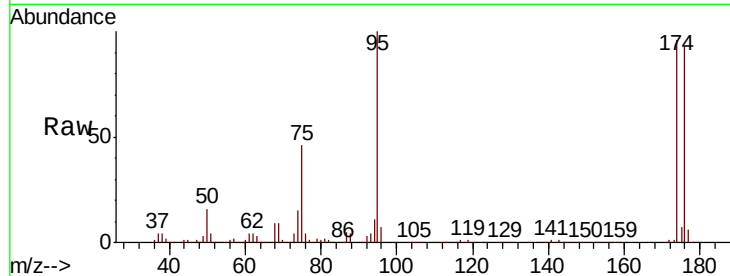




#62
4-Bromofluorobenzene
Concen: 47.525 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003532.D
Acq: 21 Jul 2018 02:16

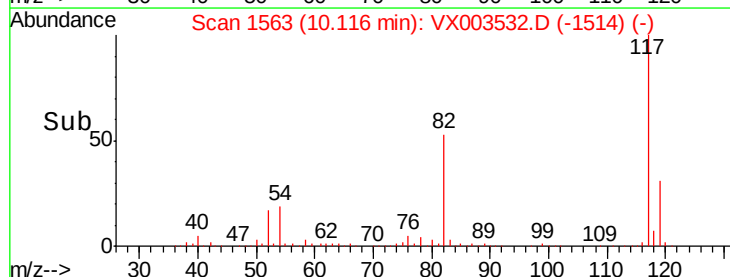
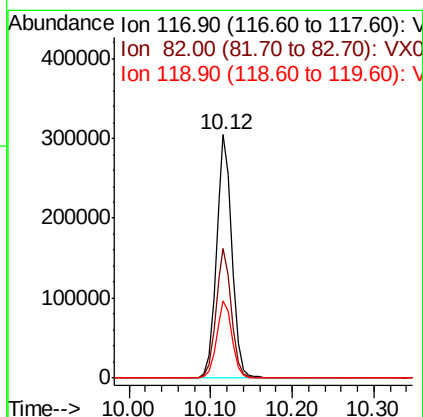
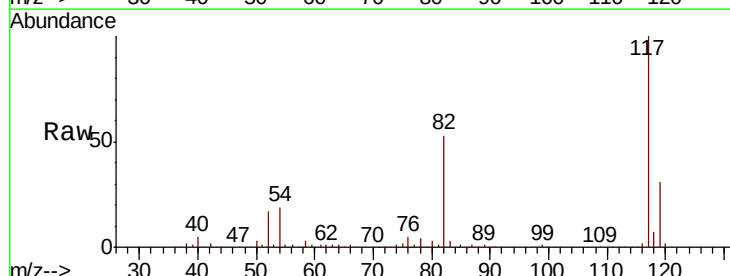
Instrument :
MSVOA_X
ClientSampleId :
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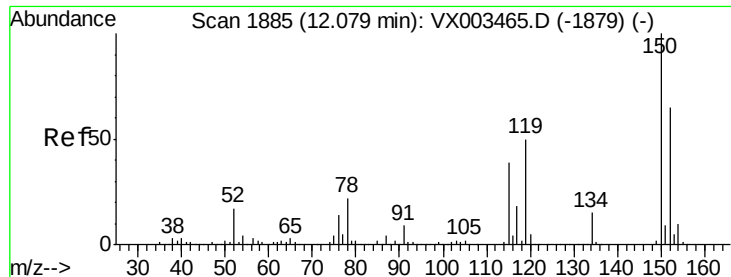
Tgt Ion: 95 Resp: 209712
Ion Ratio Lower Upper
95 100
174 98.0 0.0 187.4
176 94.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003532.D
Acq: 21 Jul 2018 02:16

Tgt Ion: 117 Resp: 406745
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 31.5 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX003532.D
 Acq: 21 Jul 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-071218

Tgt Ion:	152	Resp:	224534
Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	157.6	0.0	347.2

