

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
 Data File : VX003555.D
 Acq On : 21 Jul 2018 15:21
 Operator : JC/SP
 Sample : J4014-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218DL

Quant Time: Jul 23 02:21:20 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

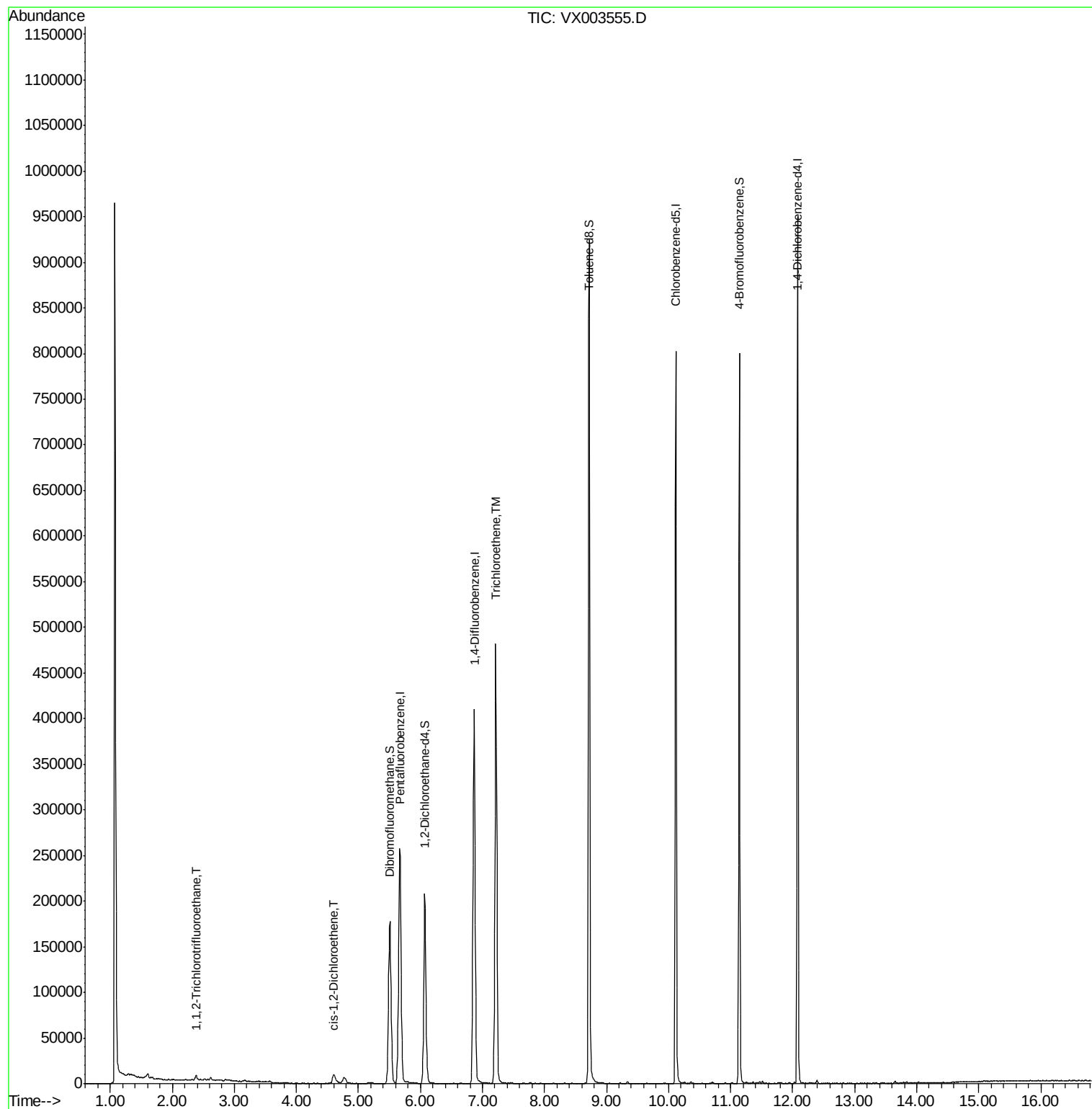
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	429059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176878	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
35) Dibromofluoromethane	5.51	113	153066	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
50) Toluene-d8	8.72	98	579742	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.14	95	197476	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1794	0.580	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	1559	0.442	ug/l #	1
44) Trichloroethene	7.21	130	204776	49.094	ug/l	99

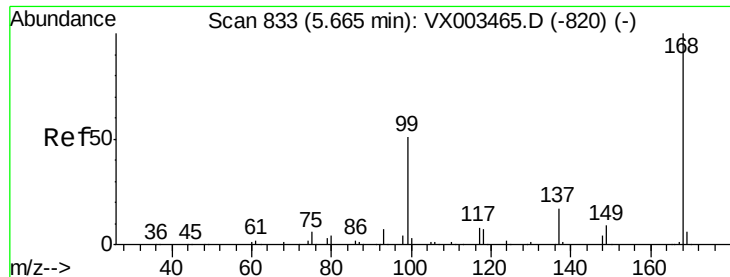
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072118\
Data File : VX003555.D
Acq On : 21 Jul 2018 15:21
Operator : JC/SP
Sample : J4014-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-071218DL

Quant Time: Jul 23 02:21:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003555.D

Acq: 21 Jul 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

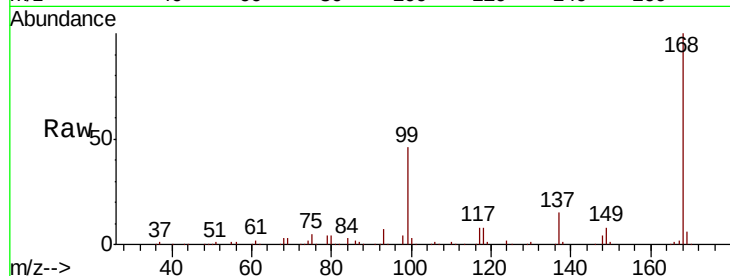
RE122D1-071218DL

Tgt Ion:168 Resp: 278643

Ion Ratio Lower Upper

168 100

99 45.8 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

100000

80000

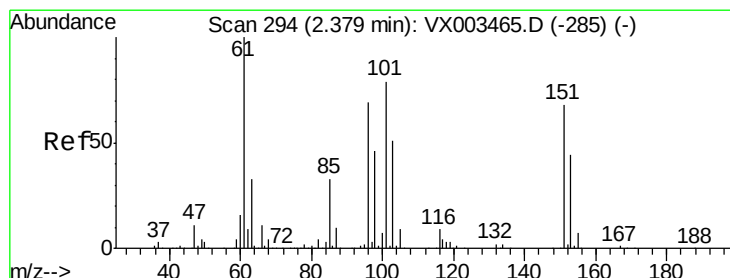
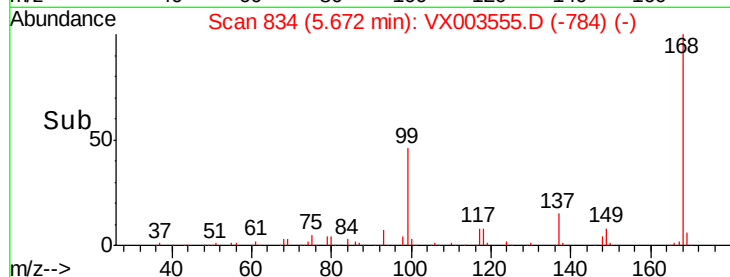
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.580 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003555.D

Acq: 21 Jul 2018 15:21

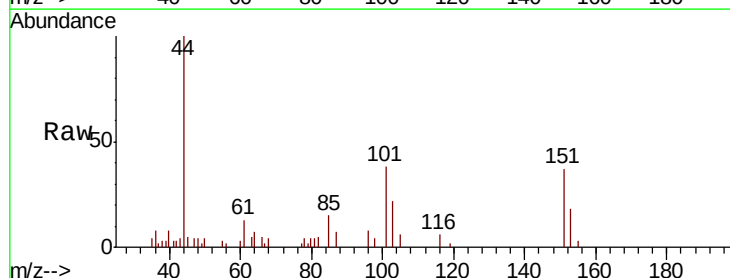
Tgt Ion:101 Resp: 1794

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

151 87.8 70.9 106.3



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

2.39

1200

1000

800

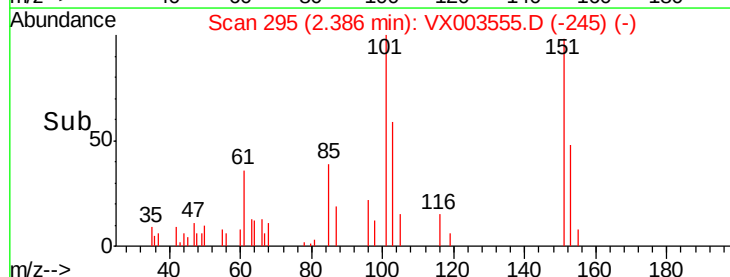
600

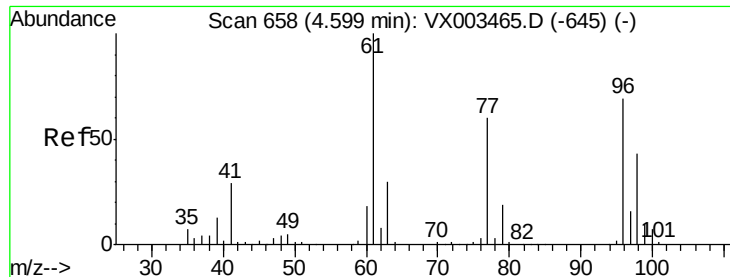
400

200

0

Time--> 2.30 2.35 2.40 2.45



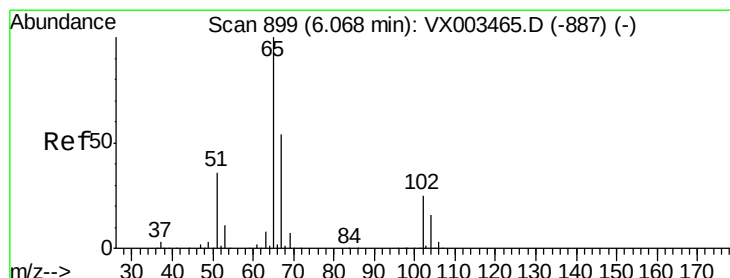
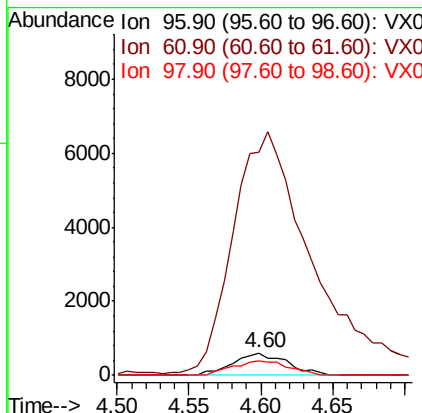
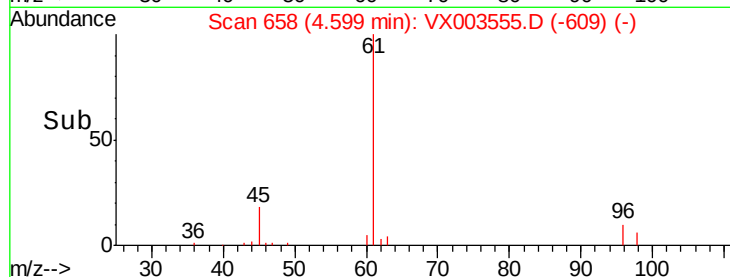
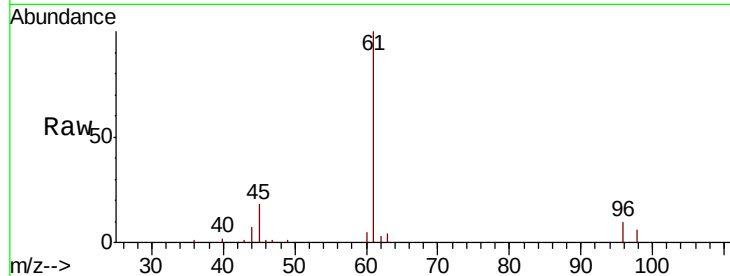


#27

cis-1,2-Dichloroethene
 Concen: 0.442 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003555.D
 Acq: 21 Jul 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218DL

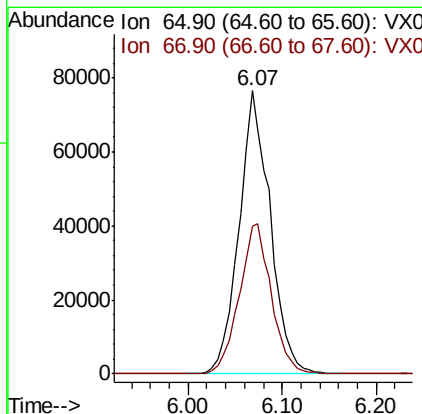
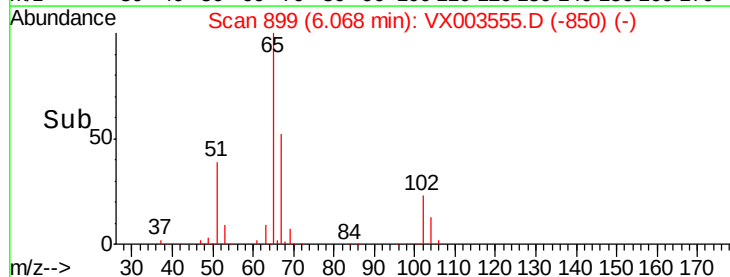
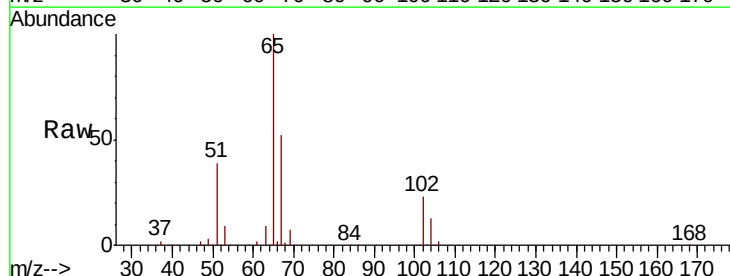
Tgt Ion: 96 Resp: 1559
 Ion Ratio Lower Upper
 96 100
 61 1630.9 0.0 330.2#
 98 67.6 0.0 130.2

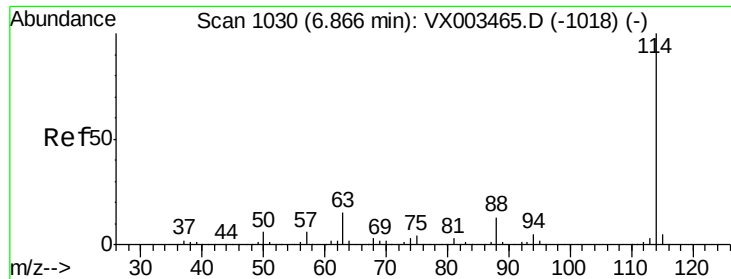


#33

1,2-Dichloroethane-d4
 Concen: 53.626 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003555.D
 Acq: 21 Jul 2018 15:21

Tgt Ion: 65 Resp: 176878
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 102.6

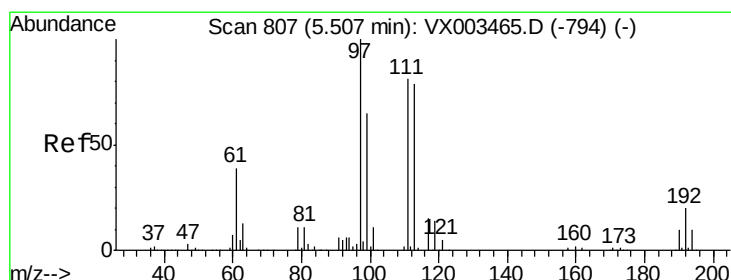
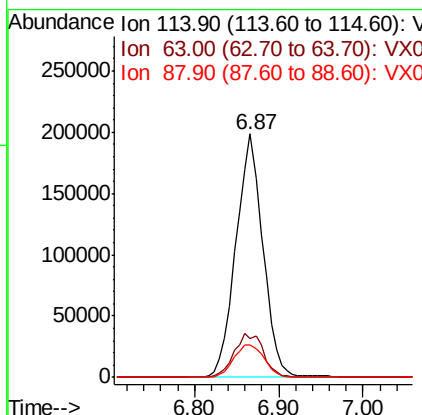
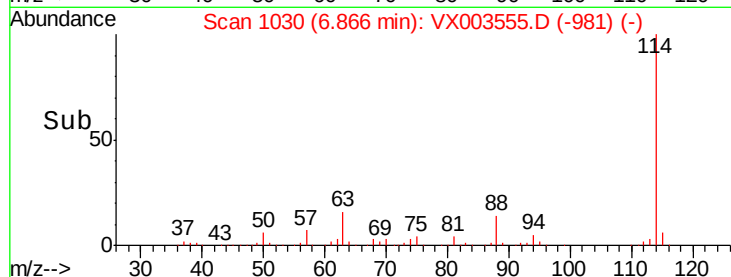
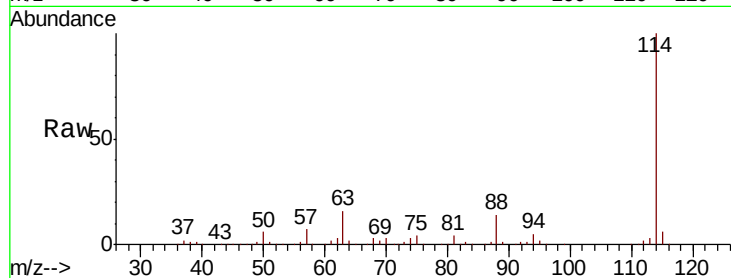




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003555.D
 Acq: 21 Jul 2018 15:21

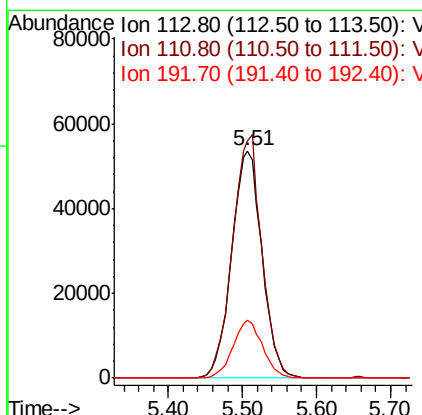
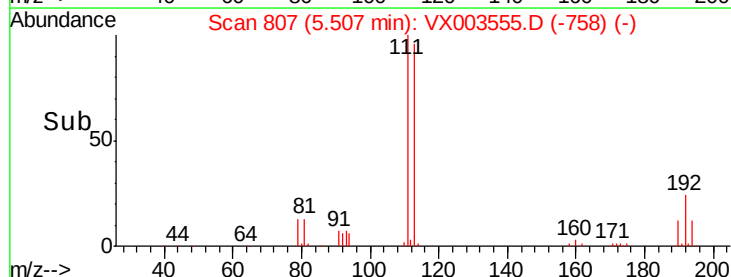
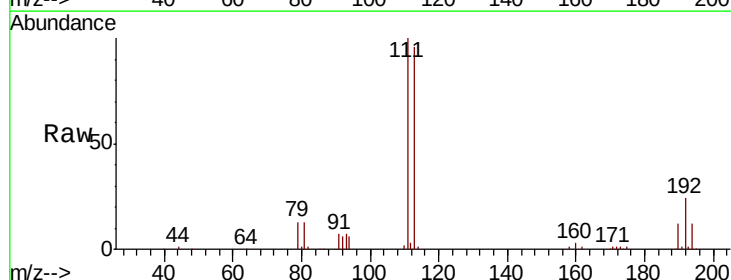
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218DL

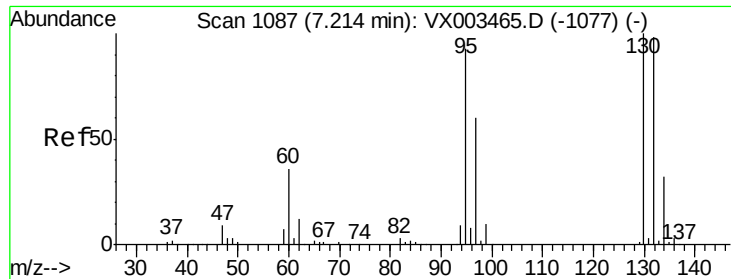
Tgt Ion:114 Resp: 429059
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 41.4
 88 13.6 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 46.838 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003555.D
 Acq: 21 Jul 2018 15:21

Tgt Ion:113 Resp: 153066
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 24.8 19.1 28.7





#44

Trichloroethene

Concen: 49.094 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003555.D

Acq: 21 Jul 2018 15:21

Instrument :

MSVOA_X

ClientSampleId :

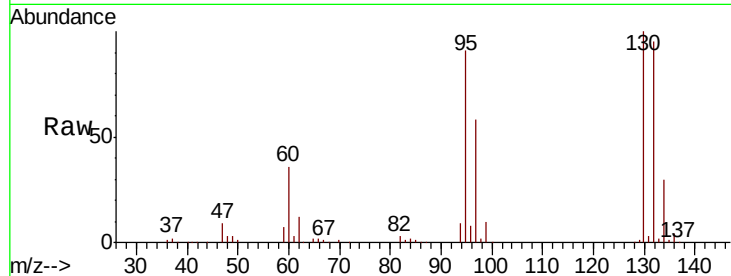
RE122D1-071218DL

Tgt Ion:130 Resp: 204776

Ion Ratio Lower Upper

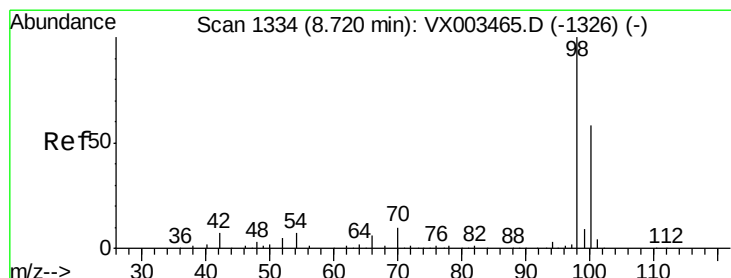
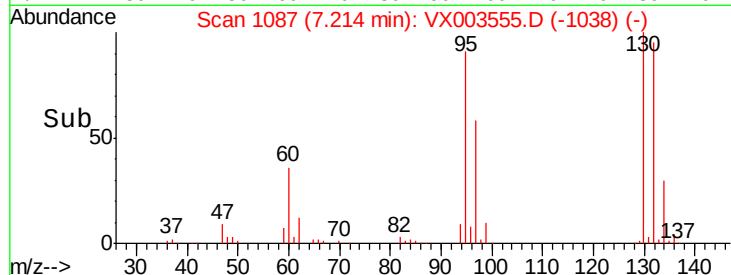
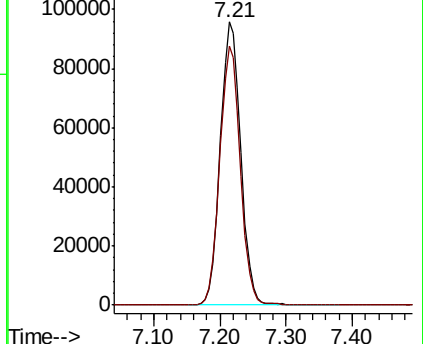
130 100

95 91.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.198 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003555.D

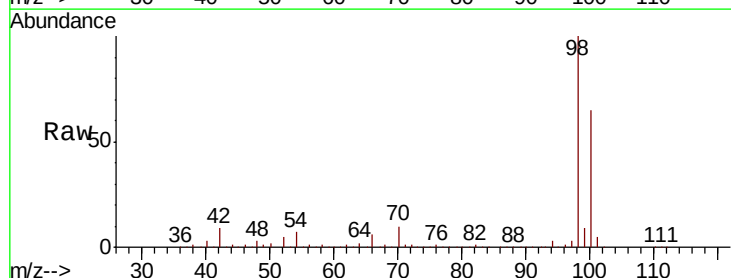
Acq: 21 Jul 2018 15:21

Tgt Ion: 98 Resp: 579742

Ion Ratio Lower Upper

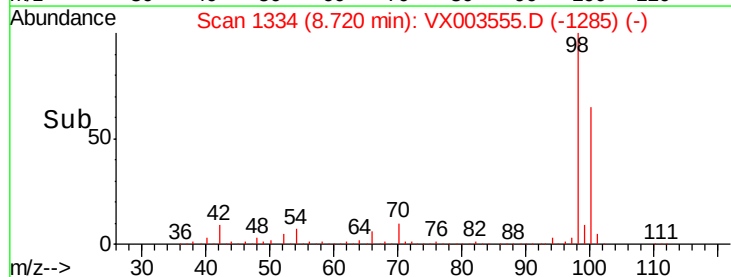
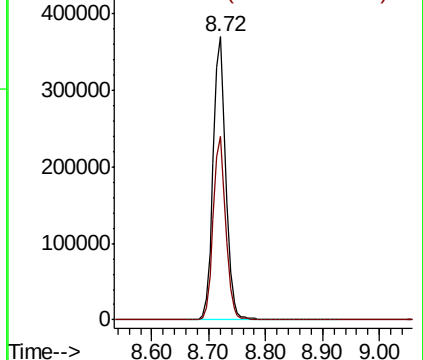
98 100

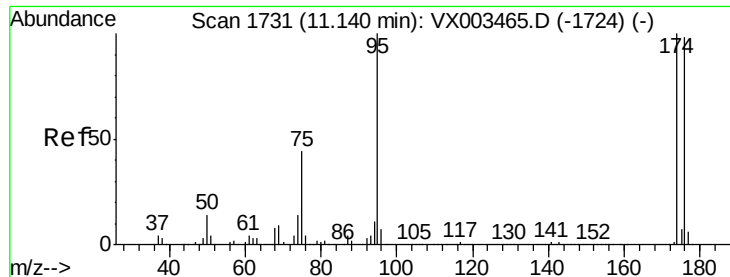
100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

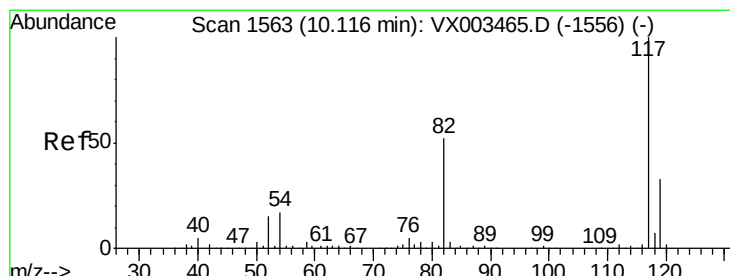
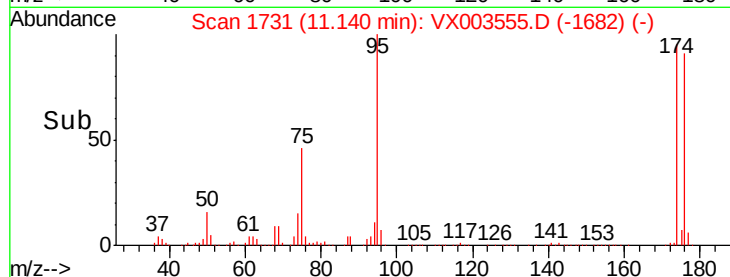
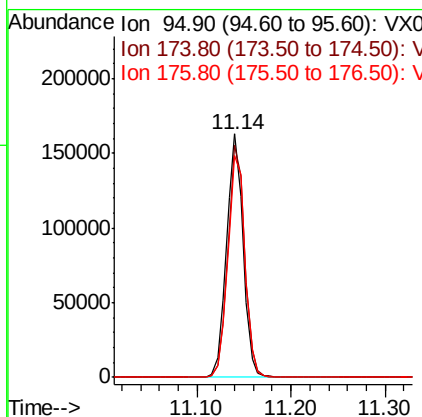
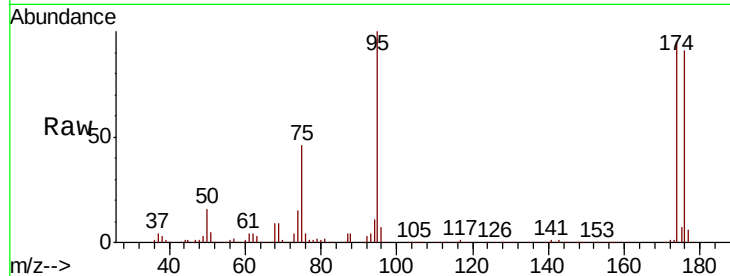




#62
4-Bromofluorobenzene
Concen: 44.053 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003555.D
Acq: 21 Jul 2018 15:21

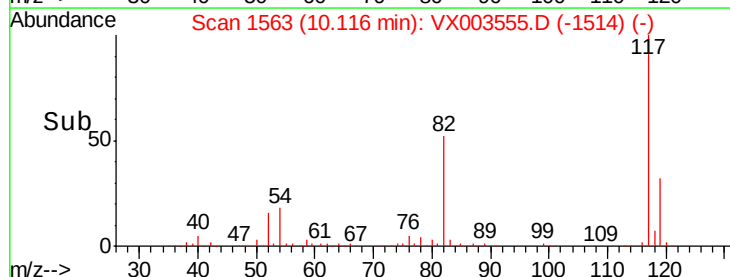
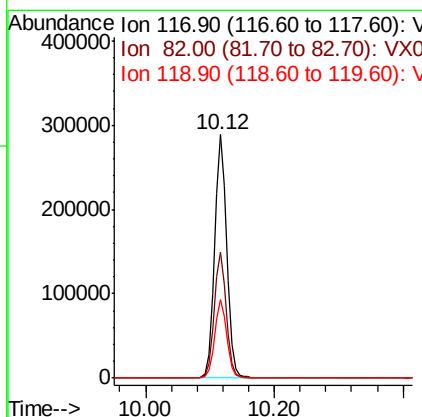
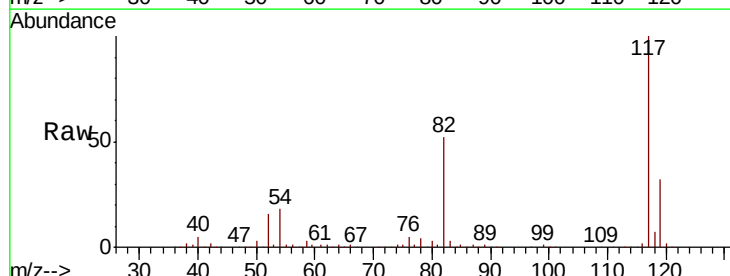
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-071218DL

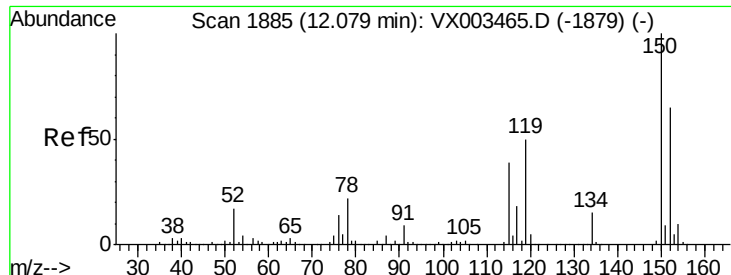
Tgt Ion: 95 Resp: 197476
Ion Ratio Lower Upper
95 100
174 97.7 0.0 187.4
176 95.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003555.D
Acq: 21 Jul 2018 15:21

Tgt Ion: 117 Resp: 384587
Ion Ratio Lower Upper
117 100
82 51.9 45.0 67.4
119 32.2 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: VX003555.D
 Acq: 21 Jul 2018 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	40.1	120.2
150	155.2	0.0	347.2

