

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005166.D
 Acq On : 09 Oct 2018 18:29
 Operator : JC/MD
 Sample : J5284-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001DL

Quant Time: Oct 10 13:51:44 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

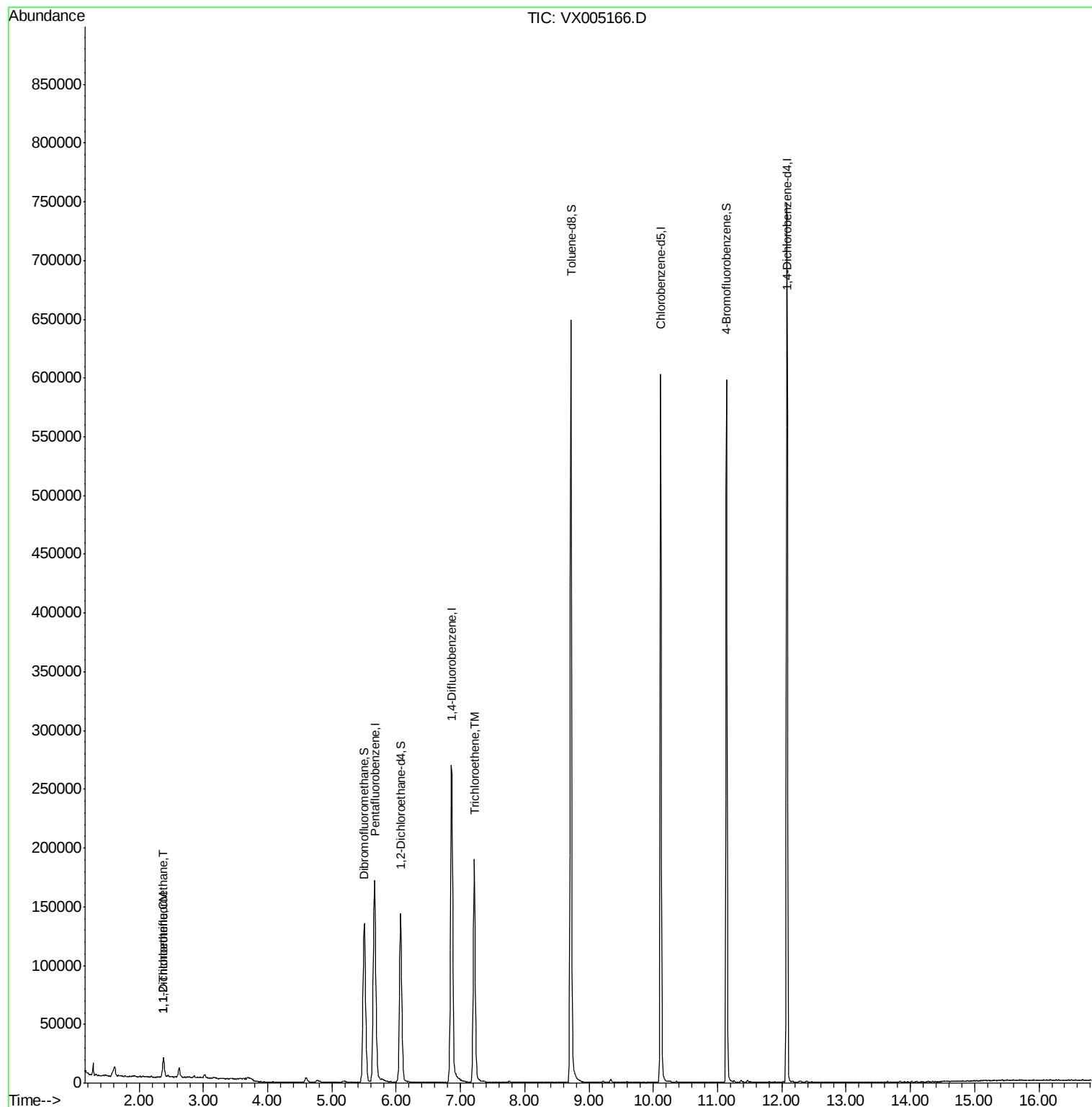
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136539	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
35) Dibromofluoromethane	5.51	113	115124	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.72	98	407593	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.14	95	145253	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4366	2.298	ug/l	98
12) 1,1-Dichloroethene	2.37	96	2315	1.231	ug/l	94
44) Trichloroethene	7.21	130	76843	31.243	ug/l	99

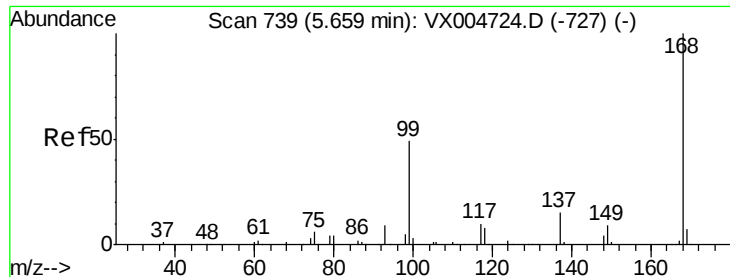
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005166.D

Acq: 09 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

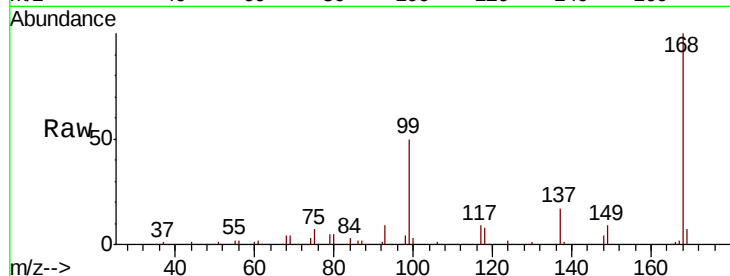
RE-125D2-2018001DL

Tot Ion:168 Resp: 173619

Ion Ratio Lower Upper

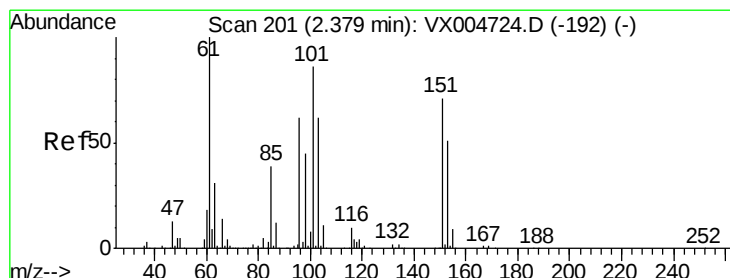
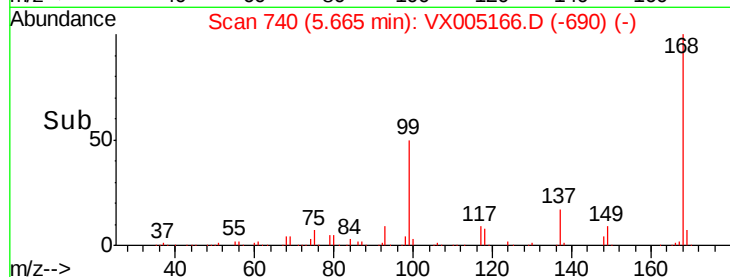
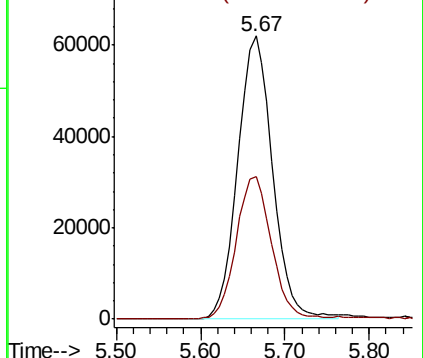
168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.298 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005166.D

Acq: 09 Oct 2018 18:29

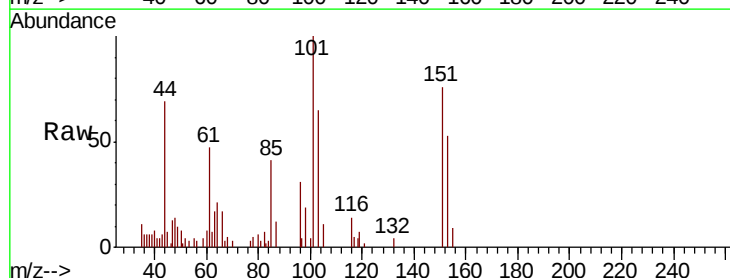
Tgt Ion:101 Resp: 4366

Ion Ratio Lower Upper

101 100

85 48.1 35.9 53.9

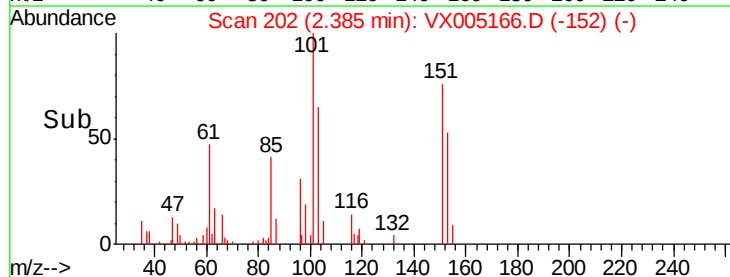
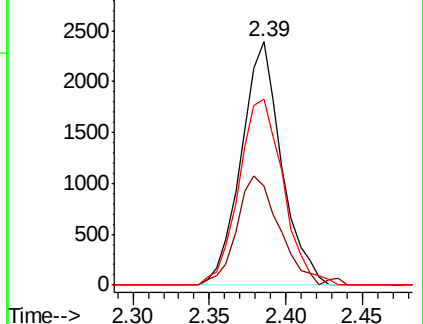
151 84.1 66.6 100.0

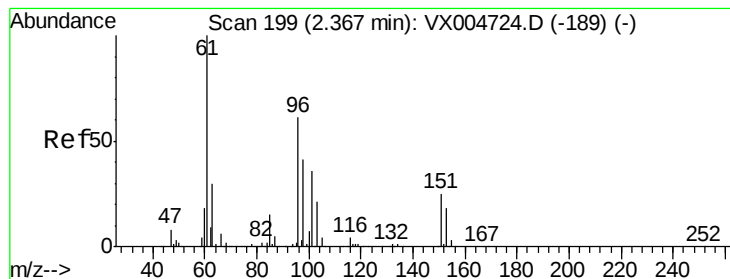


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.231 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005166.D

Acq: 09 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001DL

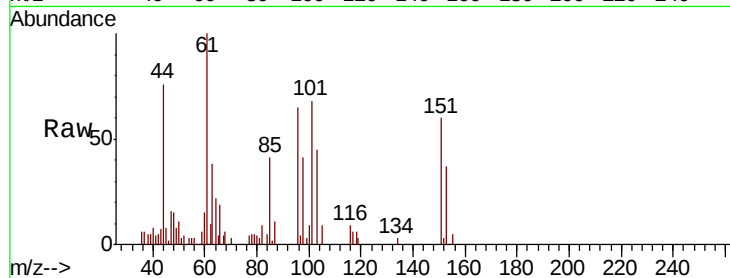
Tot Ion: 96 Resp: 2315

Ion Ratio Lower Upper

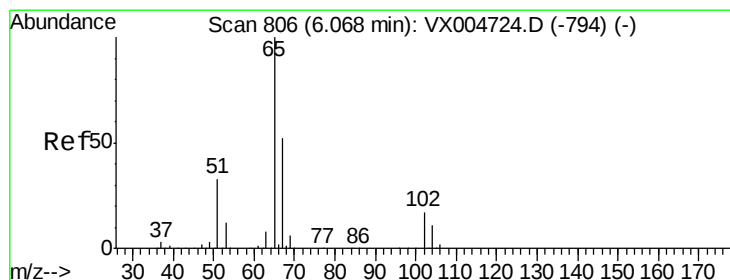
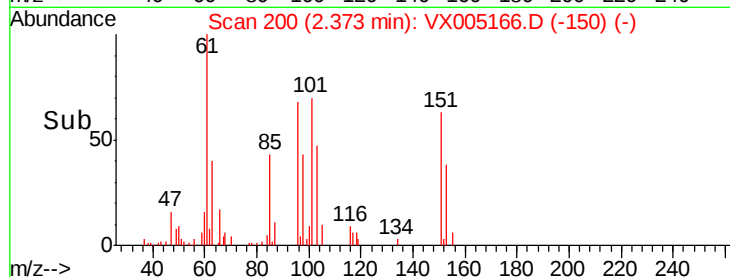
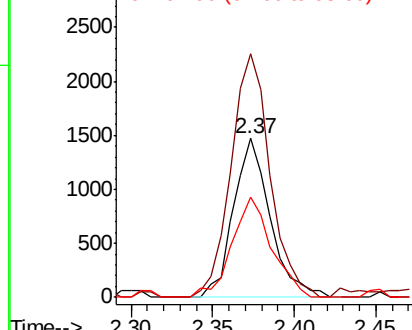
96 100

61 153.3 130.2 195.4

98 63.4 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



#33

1,2-Dichloroethane-d4

Concen: 55.053 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005166.D

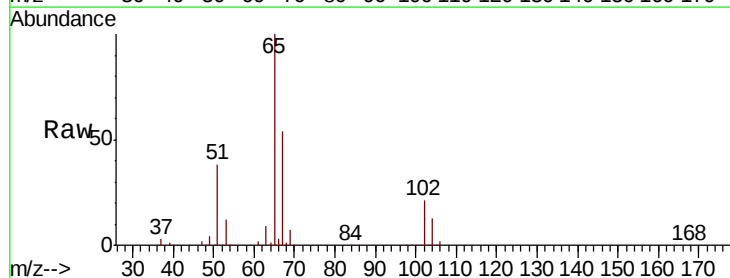
Acq: 09 Oct 2018 18:29

Tgt Ion: 65 Resp: 136539

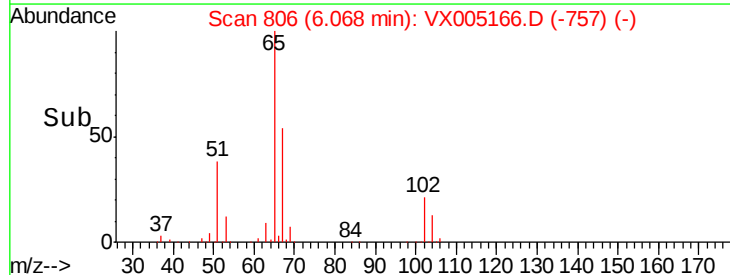
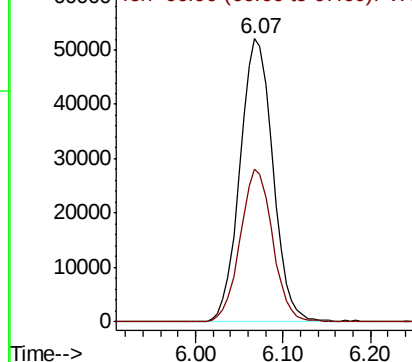
Ion Ratio Lower Upper

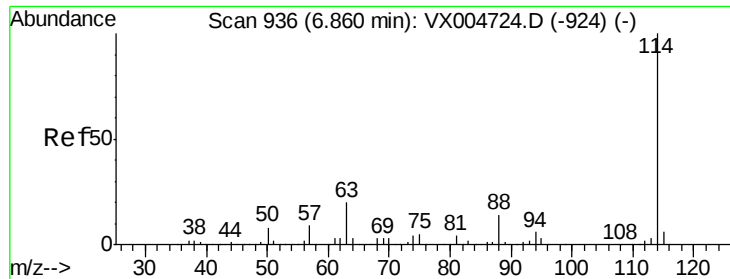
65 100

67 53.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

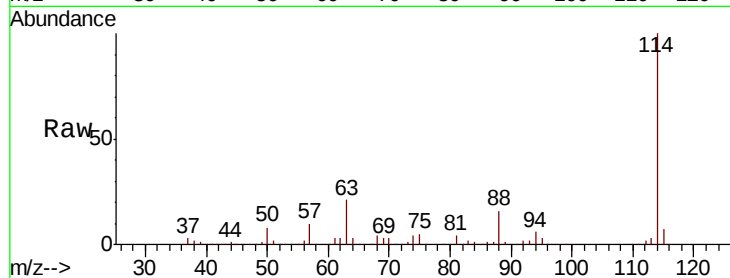




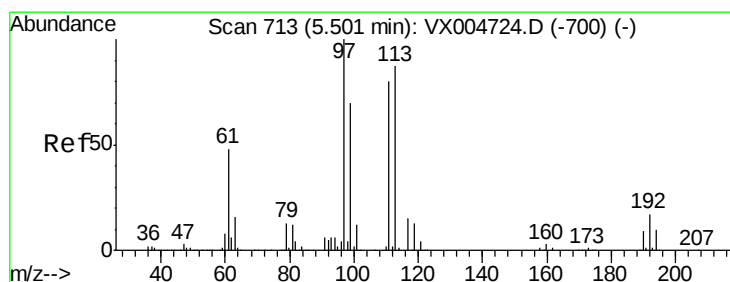
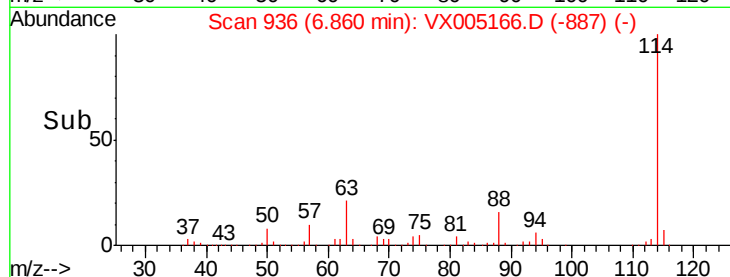
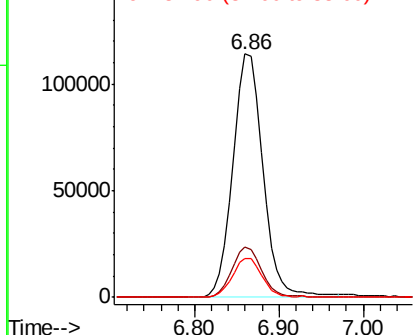
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005166.D
 Acq: 09 Oct 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.8
88	15.8	0.0	27.0

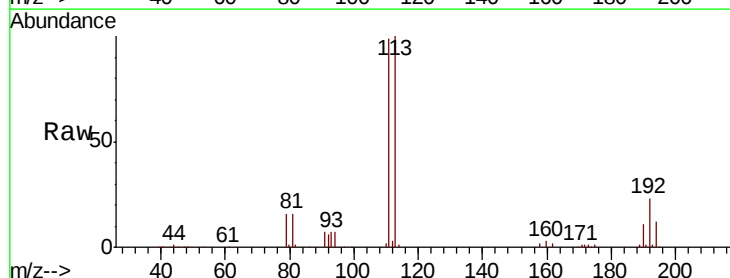


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

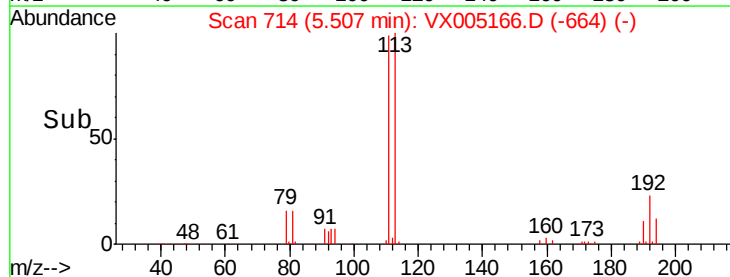
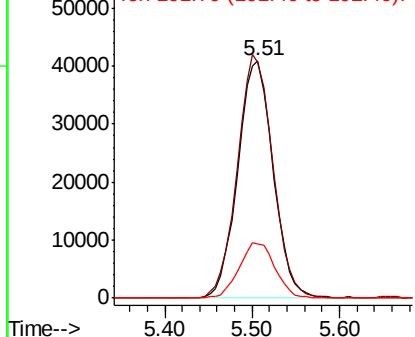


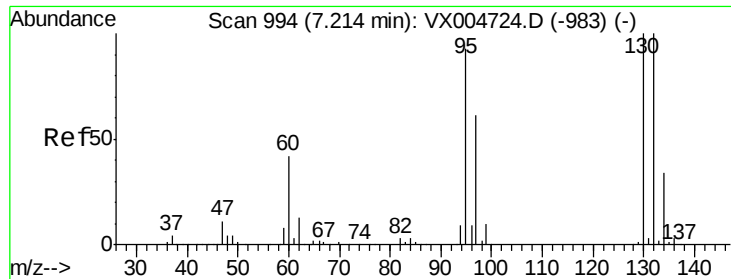
#35
 Dibromofluoromethane
 Concen: 49.149 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005166.D
 Acq: 09 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	77.0	115.4
192	23.8	17.0	25.6



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: 31.243 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005166.D

Acq: 09 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

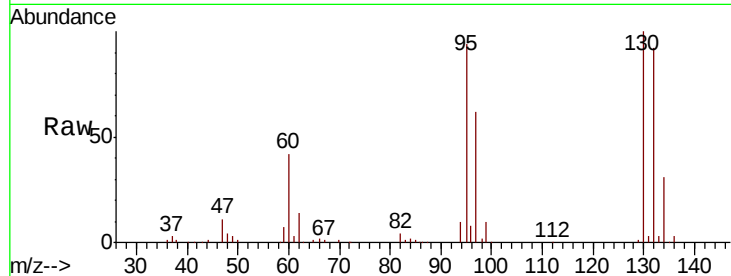
RE-125D2-2018001DL

Tot Ion:130 Resp: 76843

Ion Ratio Lower Upper

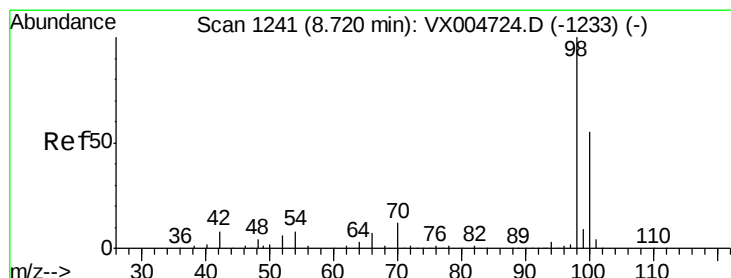
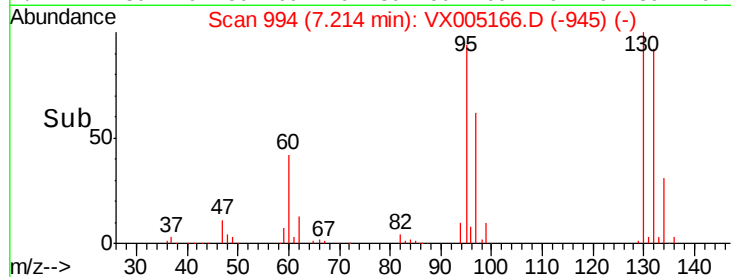
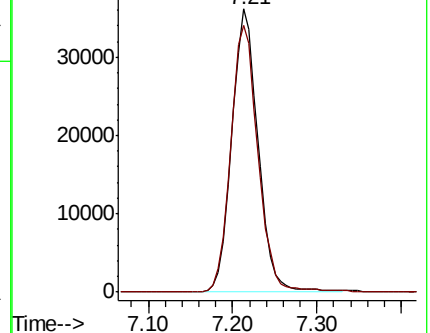
130 100

95 94.1 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.342 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005166.D

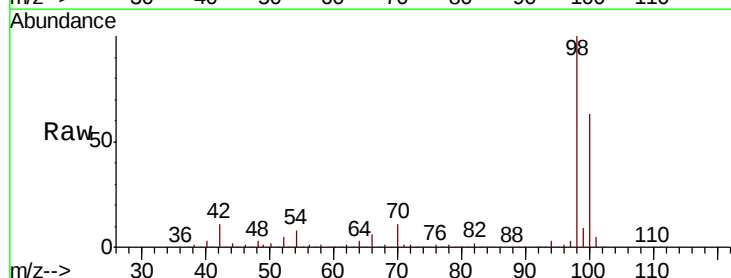
Acq: 09 Oct 2018 18:29

Tgt Ion: 98 Resp: 407593

Ion Ratio Lower Upper

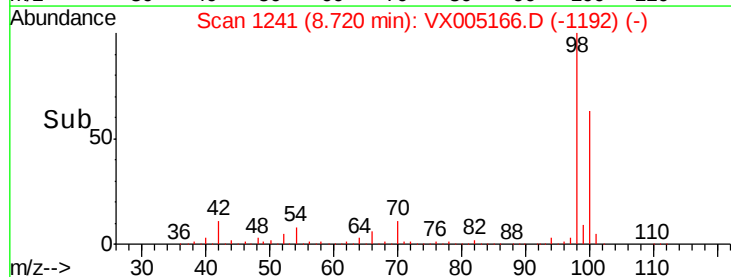
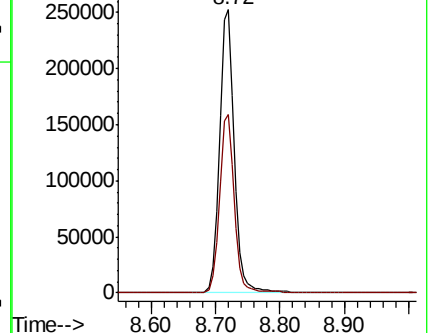
98 100

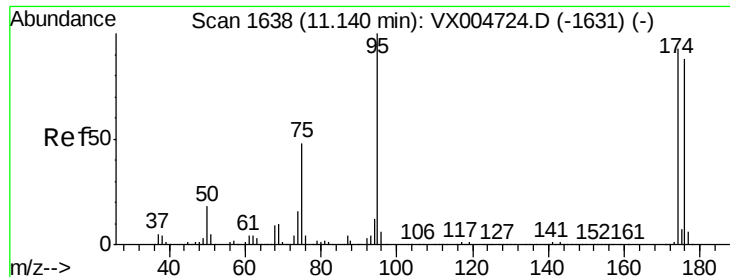
100 62.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.777 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005166.D

Acq: 09 Oct 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001DL

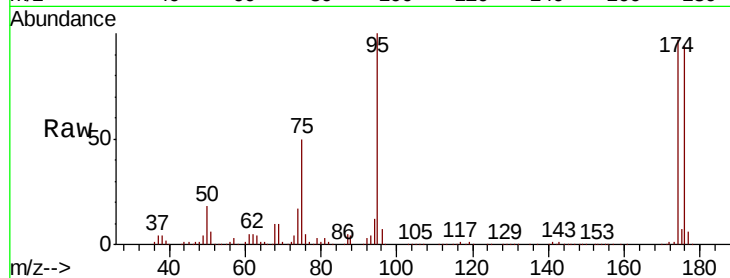
Tot Ion: 95 Resp: 145253

Ion Ratio Lower Upper

95 100

174 93.6 0.0 185.0

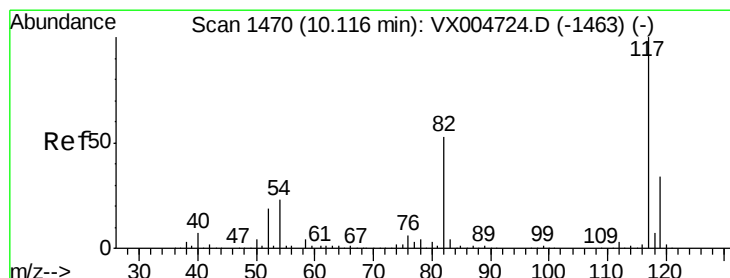
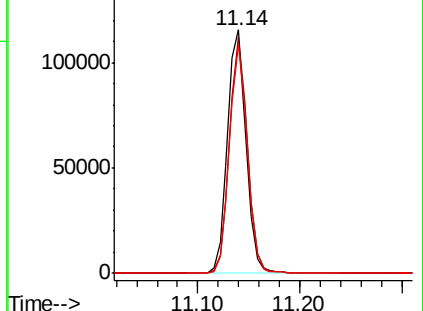
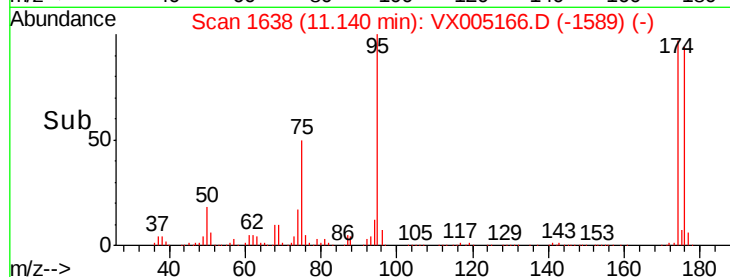
176 90.5 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX005166.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005166.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005166.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005166.D

Acq: 09 Oct 2018 18:29

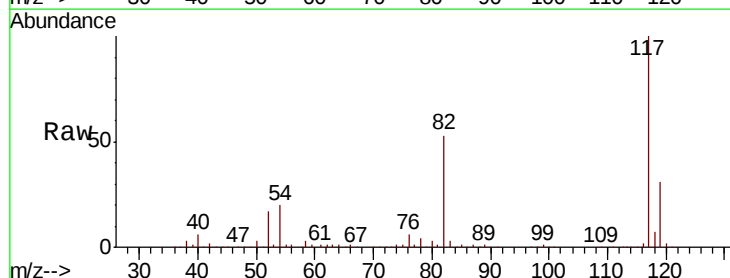
Tgt Ion: 117 Resp: 279108

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.4

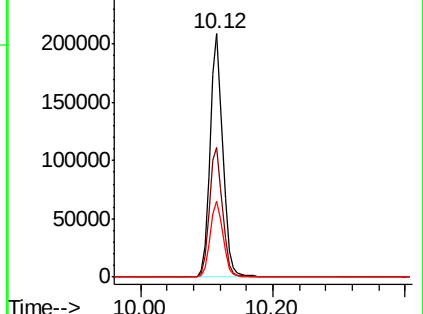
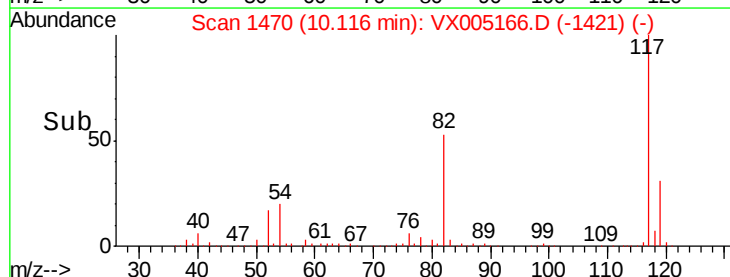
119 31.1 27.4 41.0

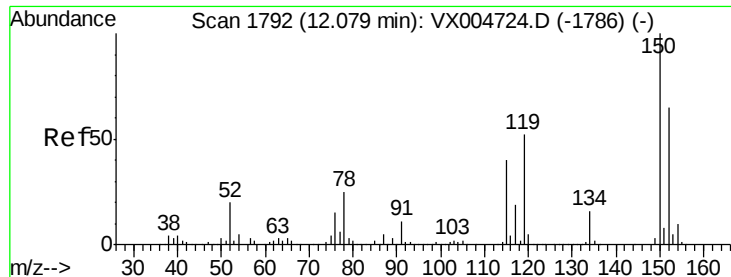


Abundance Ion 116.90 (116.60 to 117.60): VX005166.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005166.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005166.D (-1421) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005166.D
 Acq: 09 Oct 2018 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.2	120.6
150	158.0	0.0	351.0

