

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008808.D
 Acq On : 10 Apr 2019 16:19
 Operator : JC/SP
 Sample : K2349-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19-190409

Quant Time: Apr 11 07:50:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

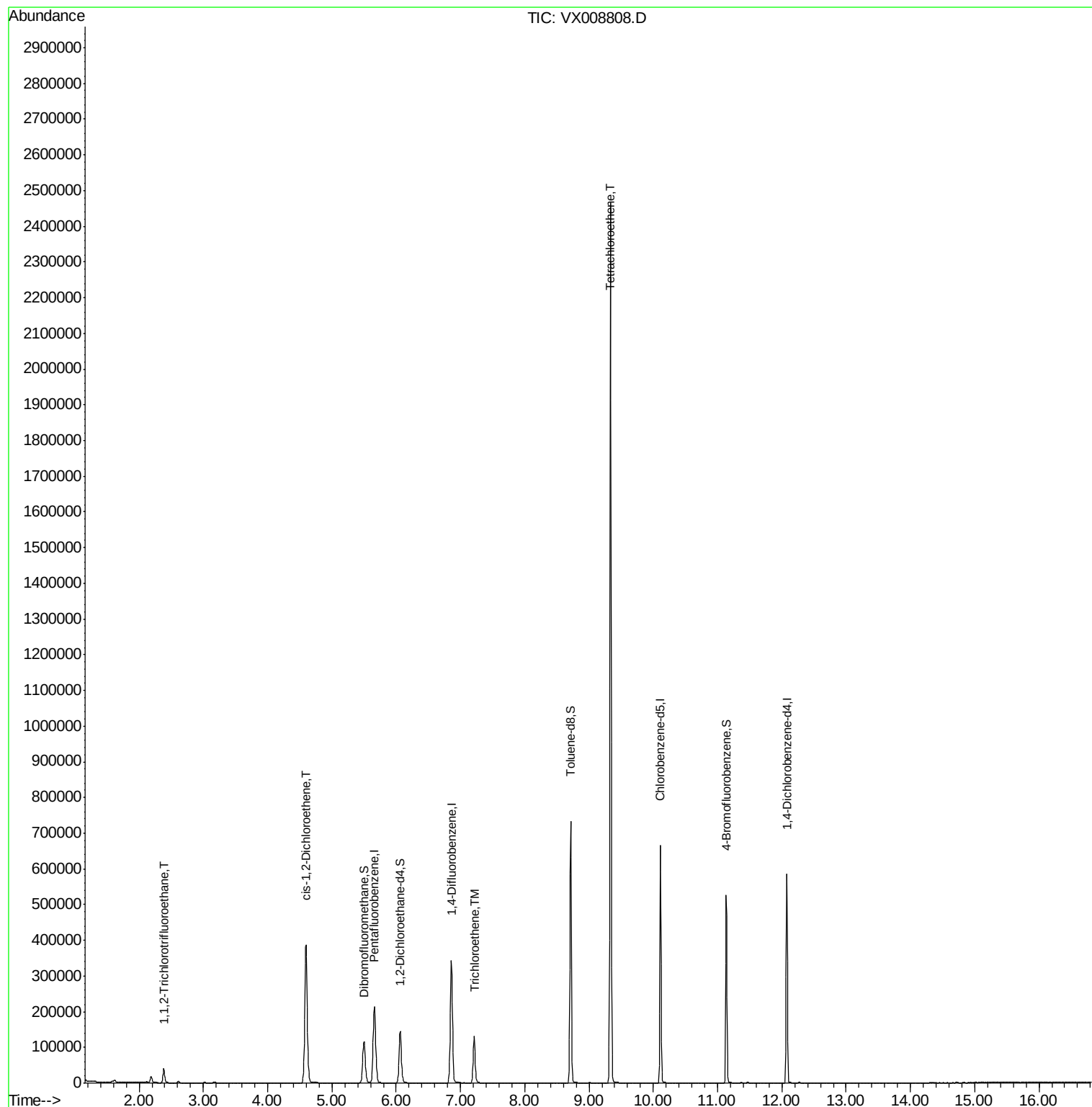
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137116	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
35) Dibromofluoromethane	5.49	113	100832	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
50) Toluene-d8	8.71	98	420299	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	137961	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15717	6.855	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	242630	81.515	ug/l	89
44) Trichloroethene	7.21	130	49642	19.480	ug/l	97
64) Tetrachloroethene	9.34	164	455871	213.204	ug/l	99

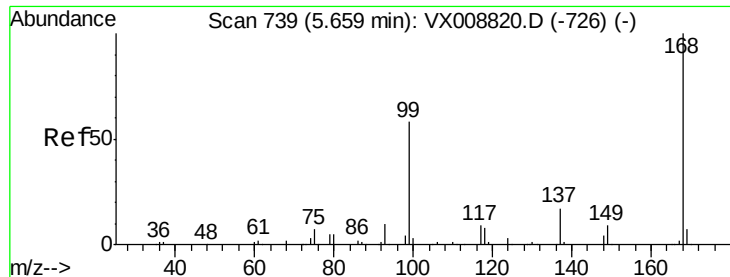
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
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: VX008808.D

Acq: 10 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

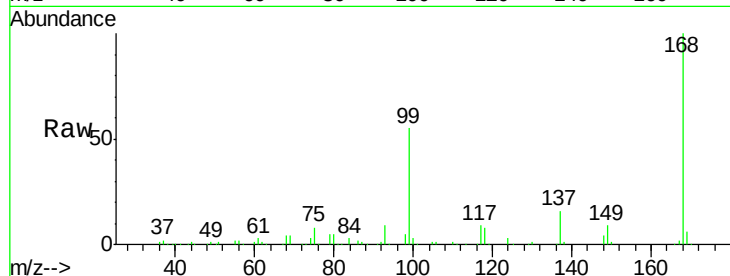
M-19-190409

Tot Ion:168 Resp: 207029

Ion Ratio Lower Upper

168 100

99 54.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

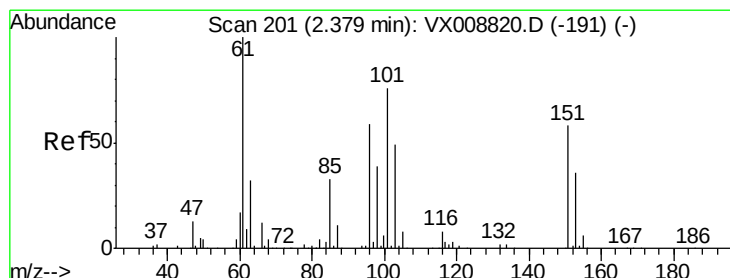
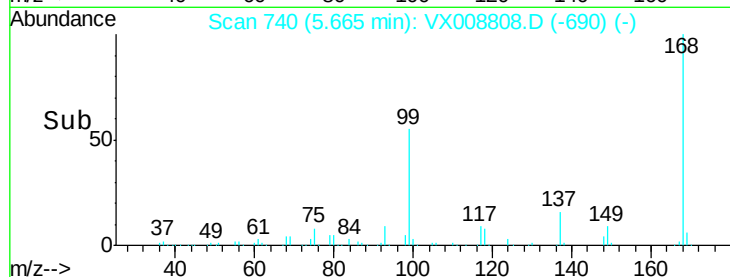
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.855 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008808.D

Acq: 10 Apr 2019 16:19

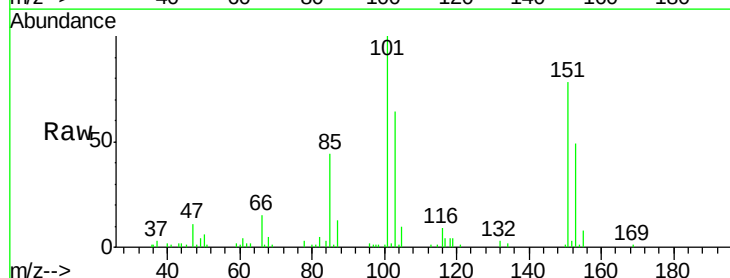
Tgt Ion:101 Resp: 15717

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

151 78.1 59.9 89.9



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

10000

8000

6000

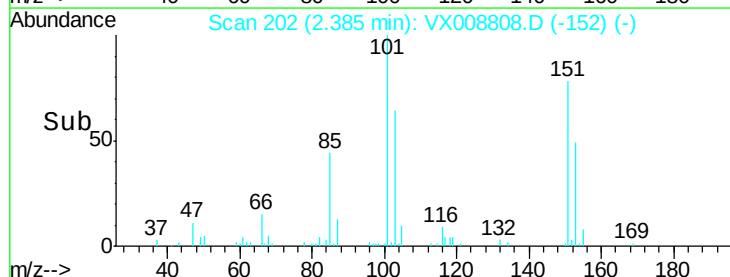
4000

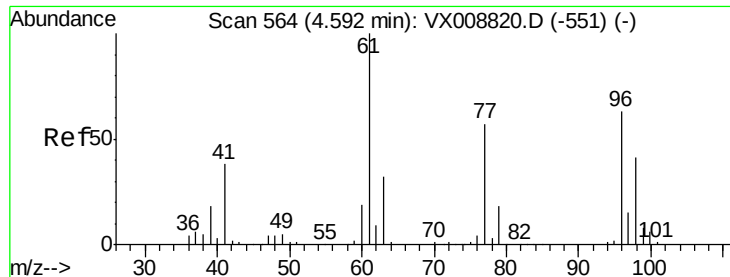
2000

0

Time-->

2.30 2.35 2.40 2.45 2.50



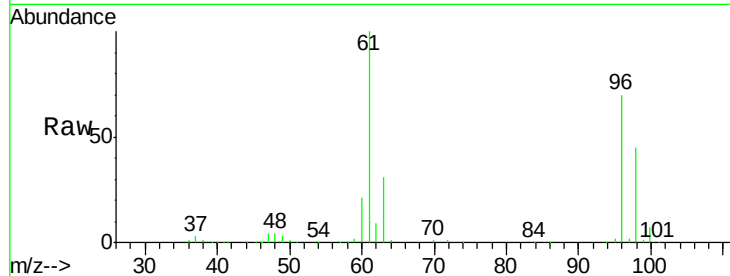


#27

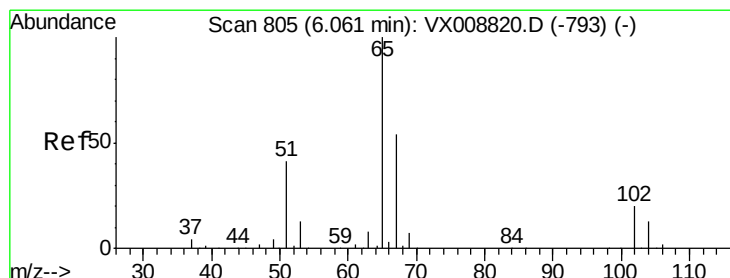
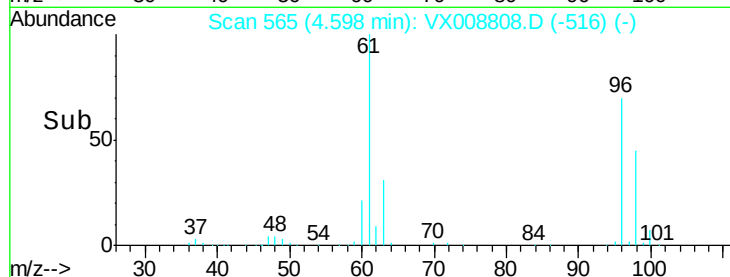
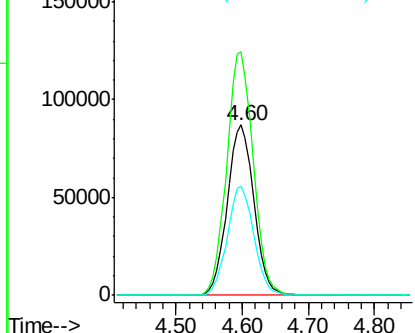
cis-1,2-Dichloroethene
Concen: 81.515 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008808.D
Acq: 10 Apr 2019 16:19

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409

Tot Ion: 96 Resp: 242630
Ion Ratio Lower Upper
96 100
61 142.9 0.0 327.6
98 64.2 0.0 128.6



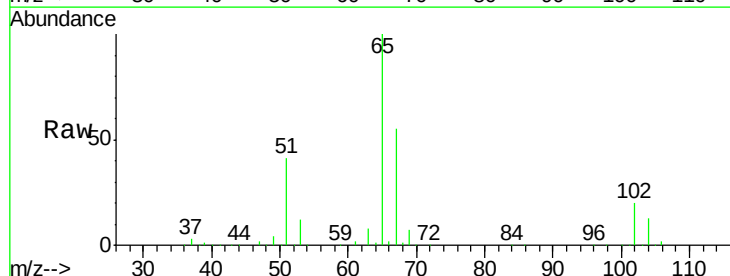
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



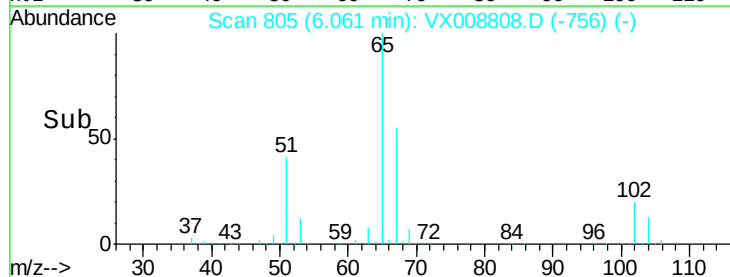
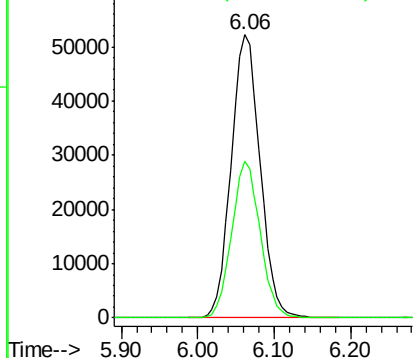
#33

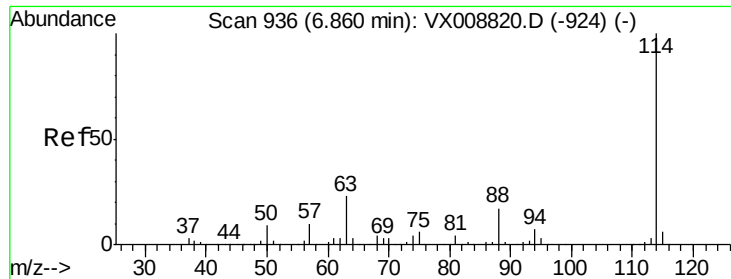
1,2-Dichloroethane-d4
Concen: 45.408 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008808.D
Acq: 10 Apr 2019 16:19

Tgt Ion: 65 Resp: 137116
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2



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

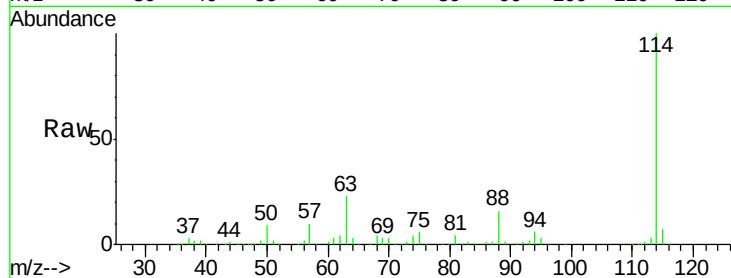




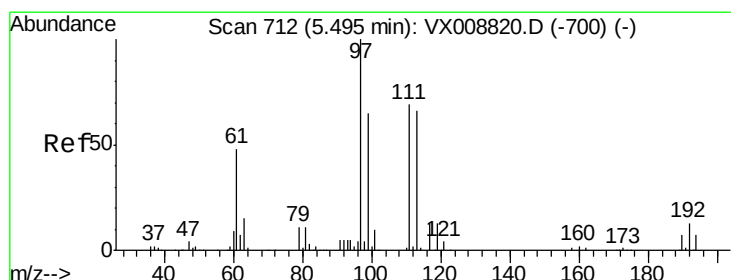
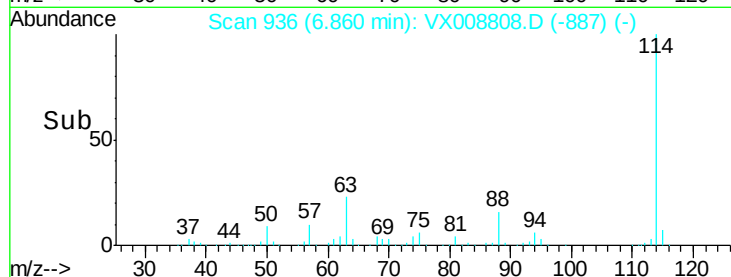
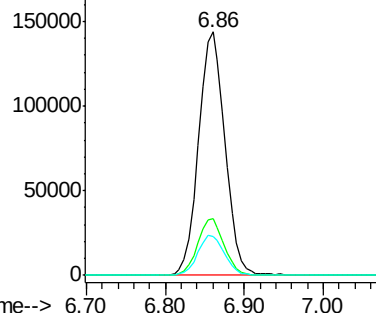
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008808.D
 Acq: 10 Apr 2019 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19-190409

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	47.2
88	16.1	0.0	34.0

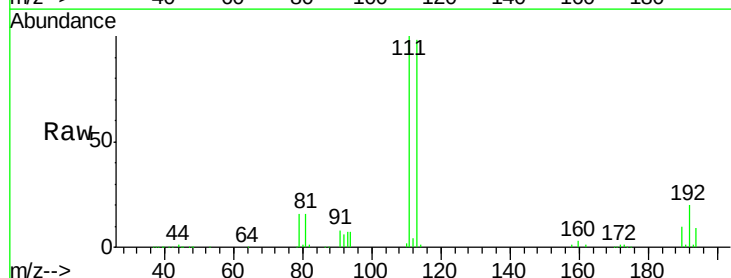


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

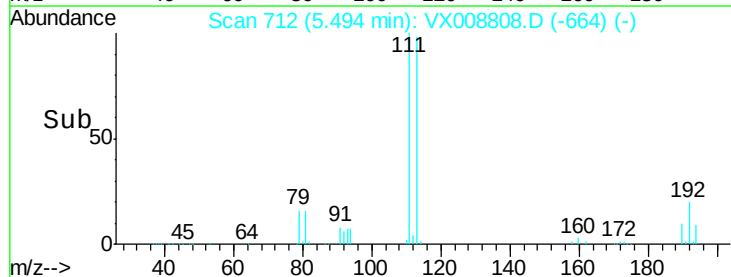
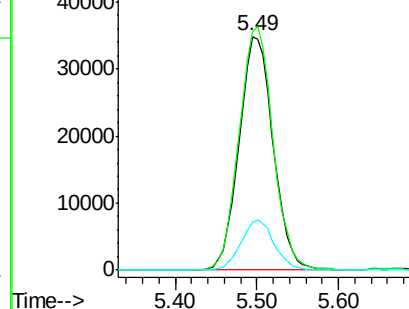


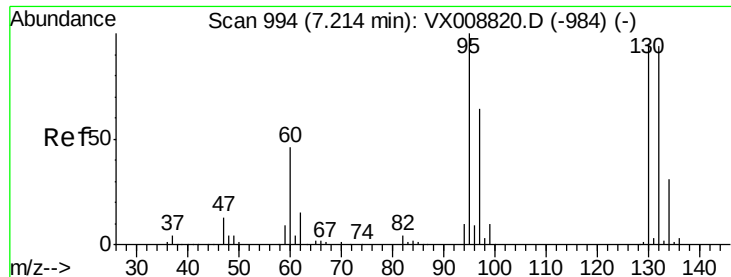
#35
 Dibromofluoromethane
 Concen: 46.937 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008808.D
 Acq: 10 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.2
192	21.0	16.1	24.1



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: 19.480 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008808.D

Acq: 10 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampled :

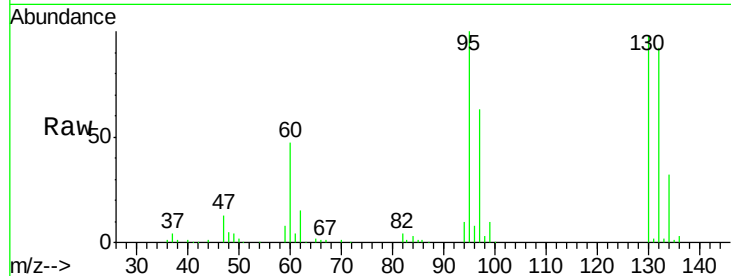
M-19-190409

Tot Ion:130 Resp: 49642

Ion Ratio Lower Upper

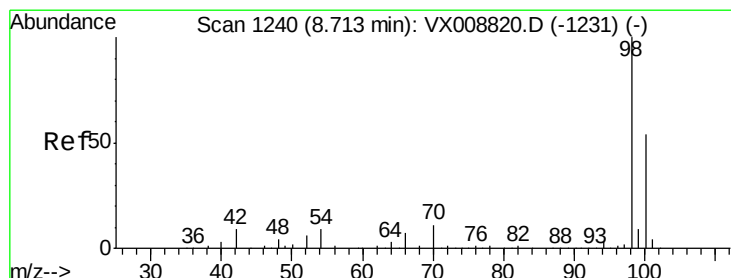
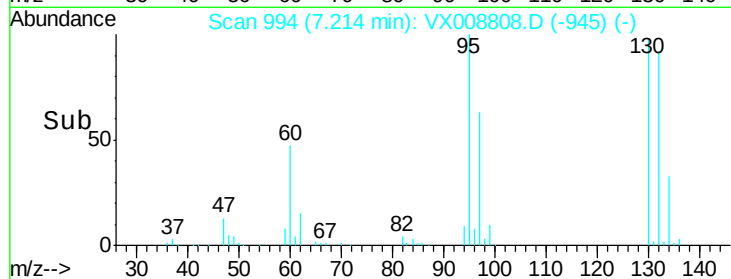
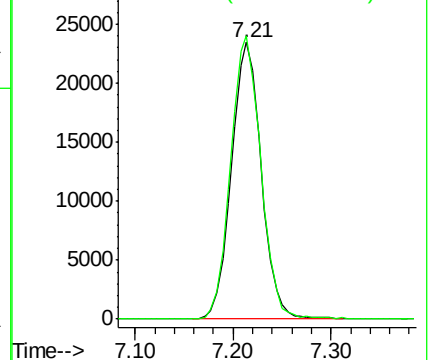
130 100

95 102.2 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.136 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008808.D

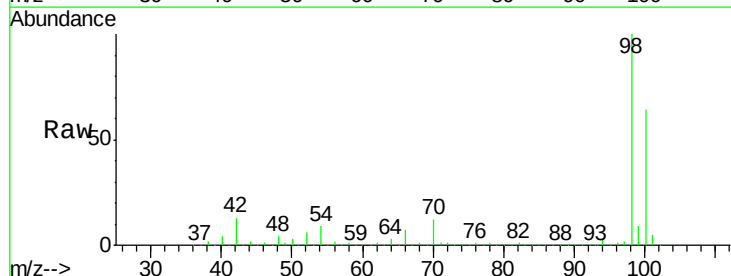
Acq: 10 Apr 2019 16:19

Tgt Ion: 98 Resp: 420299

Ion Ratio Lower Upper

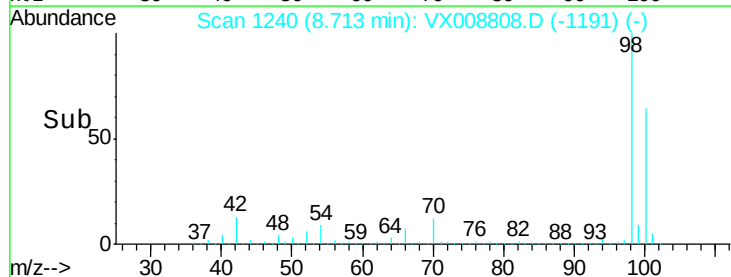
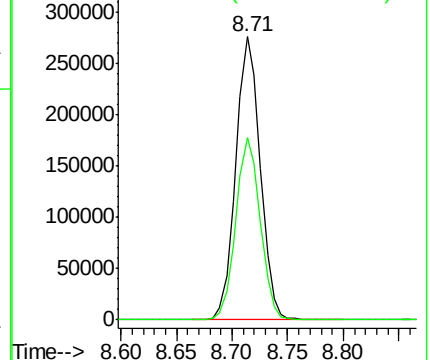
98 100

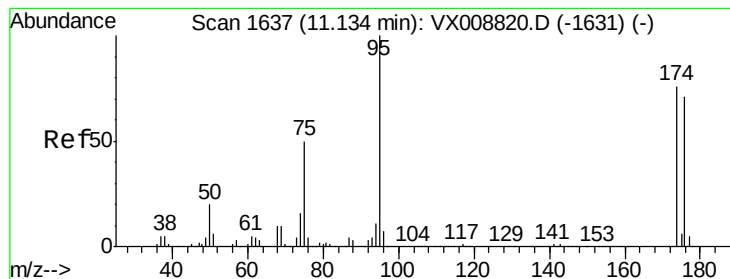
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008808.D

Acq: 10 Apr 2019 16:19

Instrument :

MSVOA_X

ClientSampled :

M-19-190409

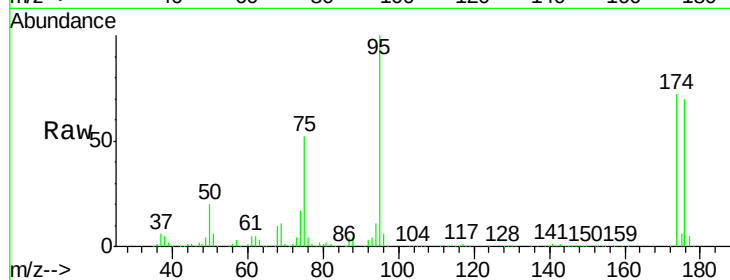
Tot Ion: 95 Resp: 137961

Ion Ratio Lower Upper

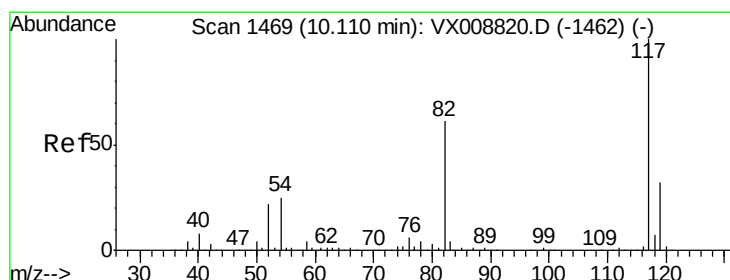
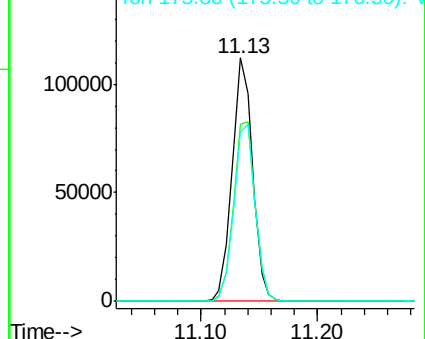
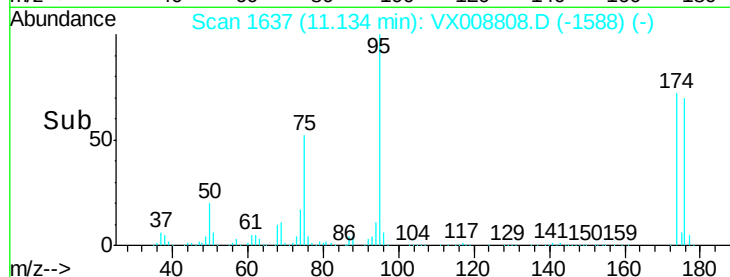
95 100

174 78.0 0.0 151.8

176 75.7 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008808.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008808.D

Acq: 10 Apr 2019 16:19

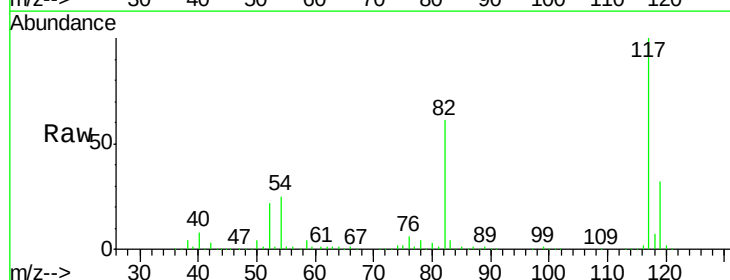
Tgt Ion: 117 Resp: 288596

Ion Ratio Lower Upper

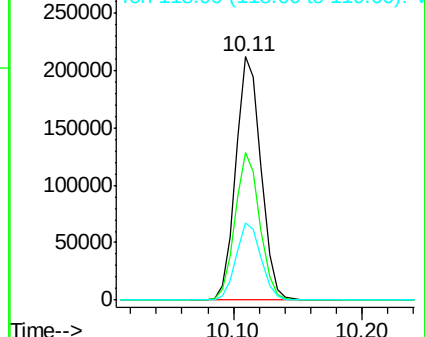
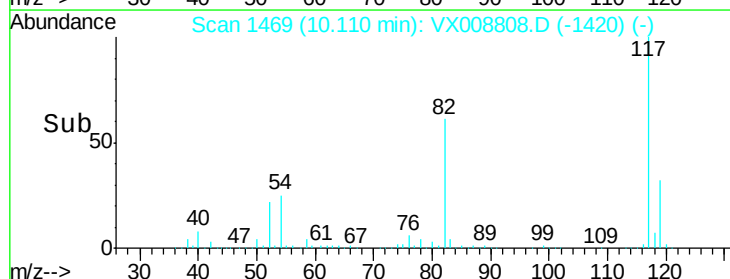
117 100

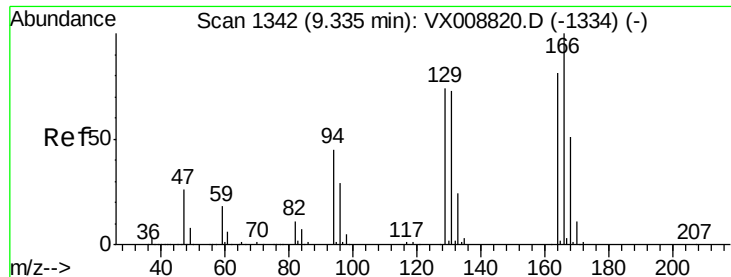
82 60.5 49.6 74.4

119 31.7 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): VX008808.D (-1420) (-)

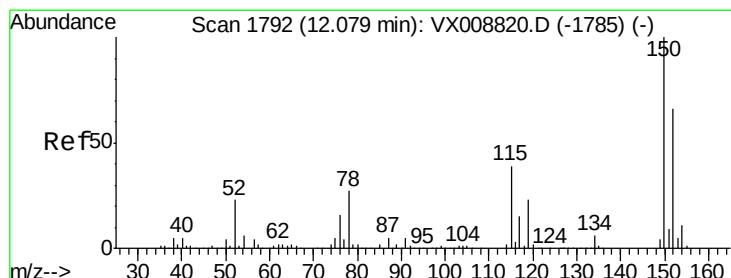
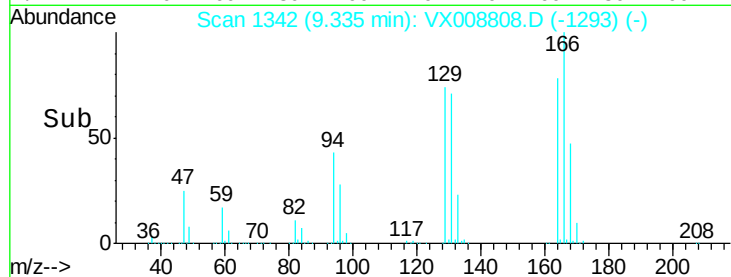
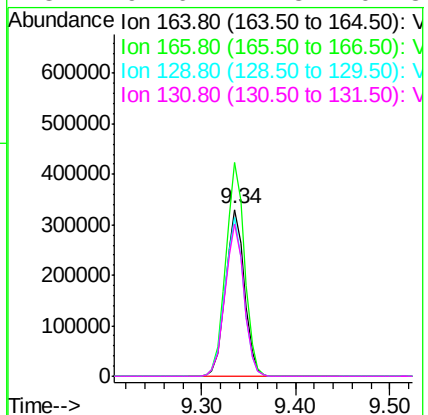
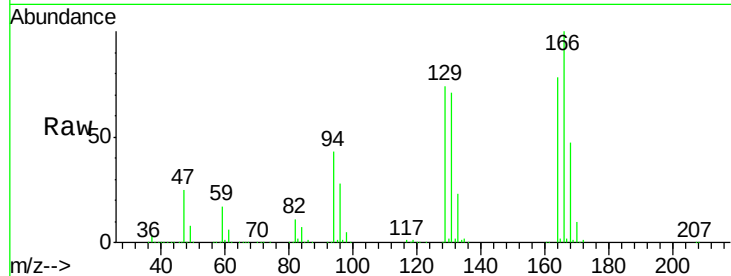




#64
Tetrachloroethene
Concen: 213.204 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008808.D
Acq: 10 Apr 2019 16:19

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.0	151.6
129	95.3	75.8	113.8
131	91.6	71.8	107.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008808.D
Acq: 10 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	43.5	130.5
150	155.2	0.0	348.8

