

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008088.D
 Acq On : 14 Mar 2019 23:46
 Operator : JC/SP
 Sample : K1839-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-20190307

Quant Time: Mar 15 05:24:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

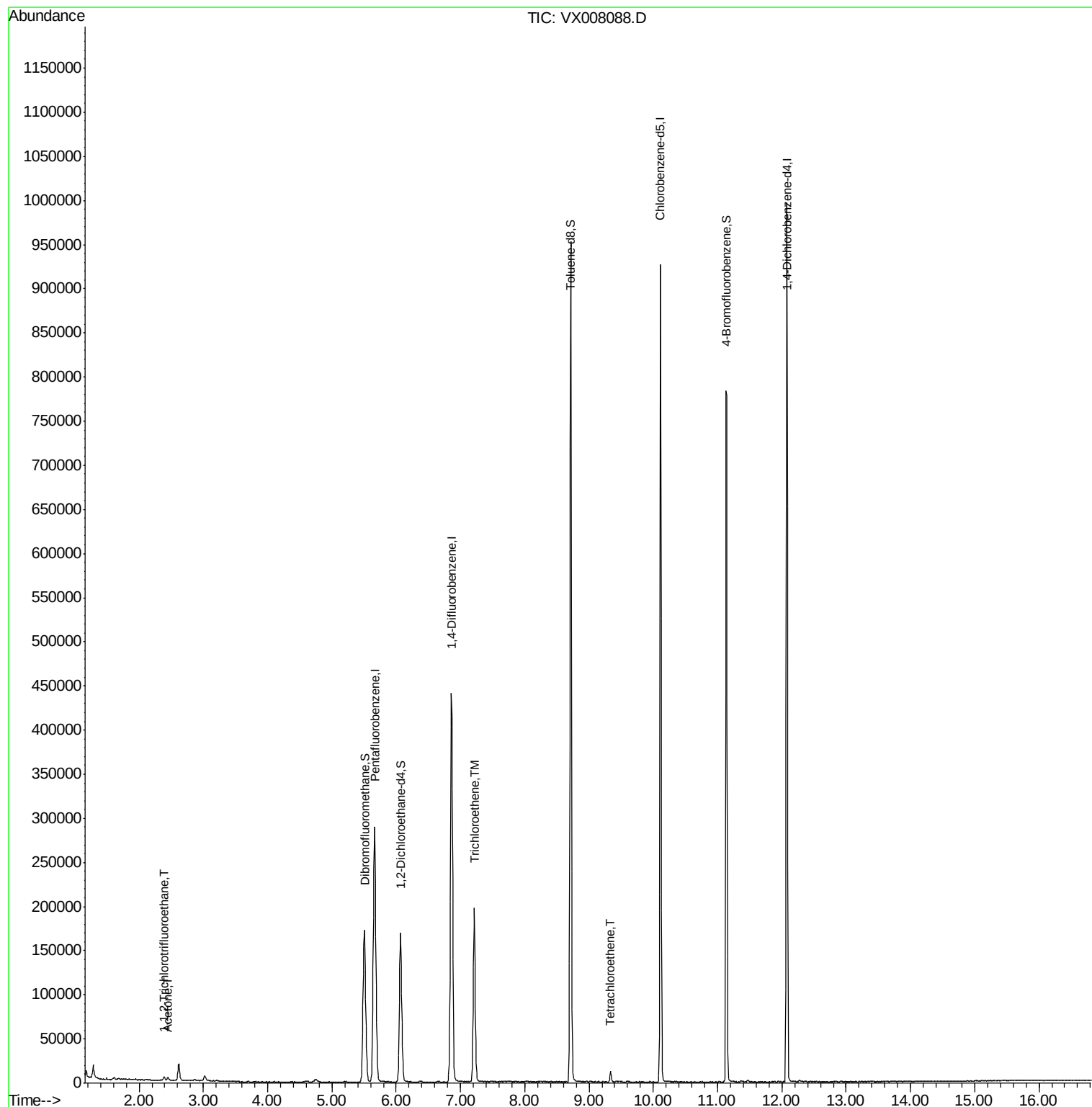
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	315275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	476220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155529	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	5.51	113	150111	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	8.71	98	577411	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	213883	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1414	0.556	ug/l	93
16) Acetone	2.45	43	3729	2.484	ug/l #	87
44) Trichloroethene	7.21	130	82517	23.823	ug/l	96
64) Tetrachloroethene	9.34	164	2438	0.658	ug/l	91

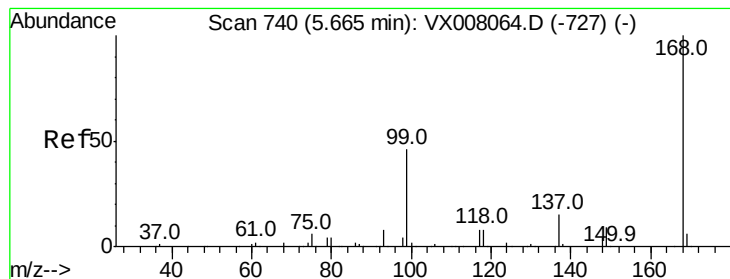
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008088.D

Acq: 14 Mar 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

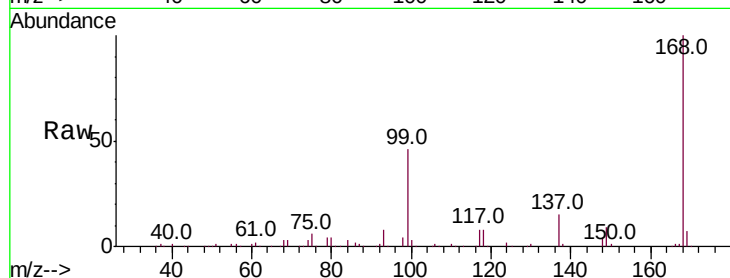
RE109D1-20190307

Tot Ion:168 Resp: 315275

Ion Ratio Lower Upper

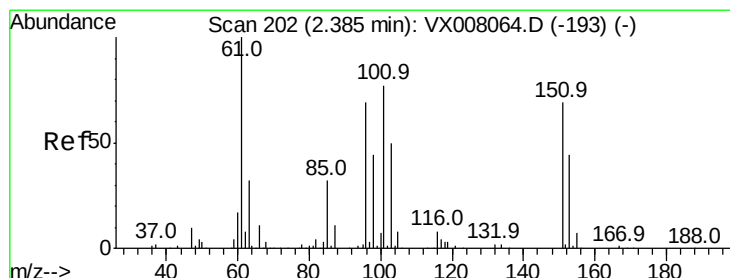
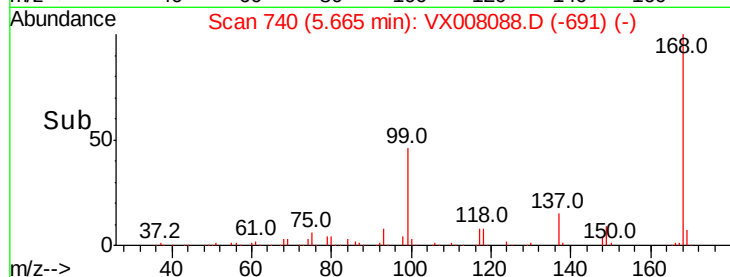
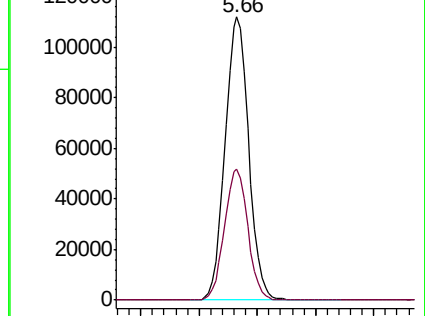
168 100

99 46.5 37.6 56.4



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: 0.556 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008088.D

Acq: 14 Mar 2019 23:46

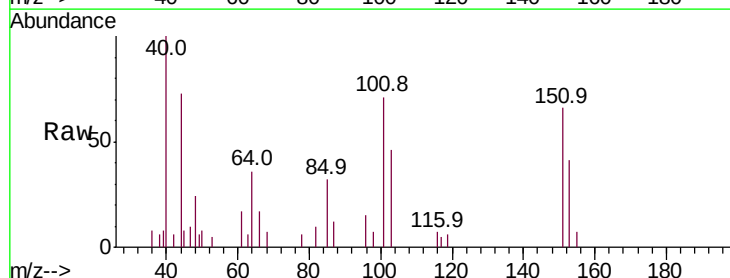
Tgt Ion:101 Resp: 1414

Ion Ratio Lower Upper

101 100

85 47.9 33.8 50.6

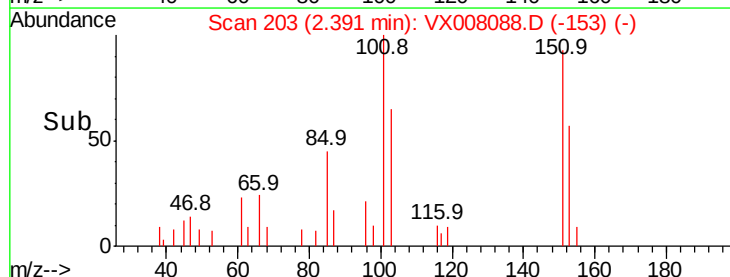
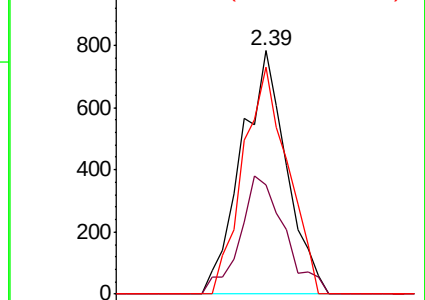
151 91.4 69.1 103.7

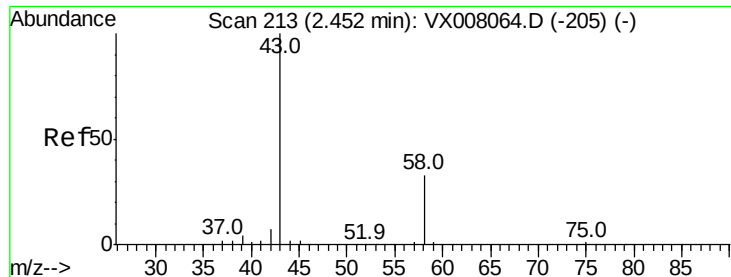


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#16

Acetone

Concen: 2.484 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008088.D

Acq: 14 Mar 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

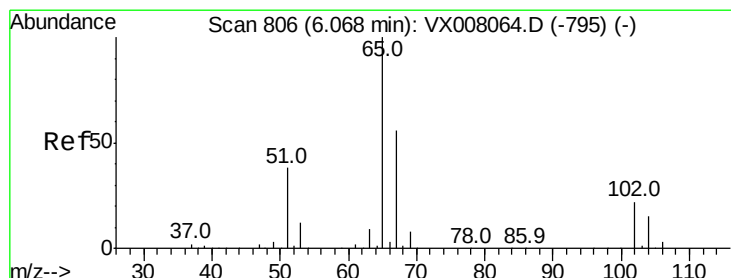
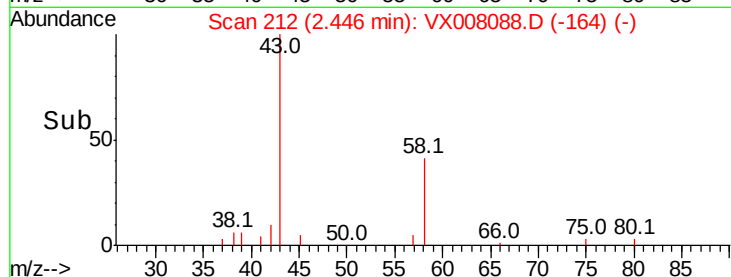
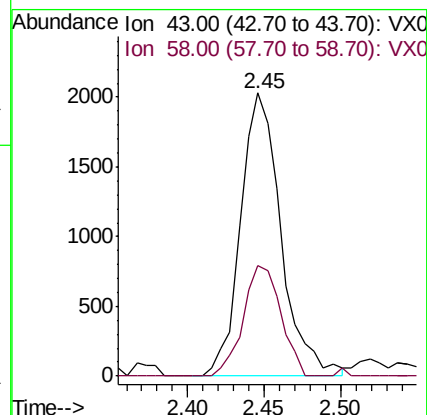
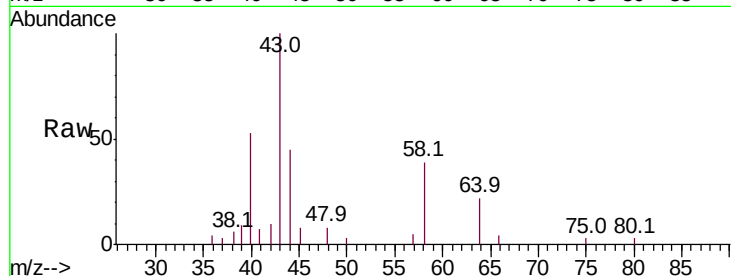
RE109D1-20190307

Tot Ion: 43 Resp: 3729

Ion Ratio Lower Upper

43 100

58 38.9 25.5 38.3#



#33

1,2-Dichloroethane-d4

Concen: 48.904 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008088.D

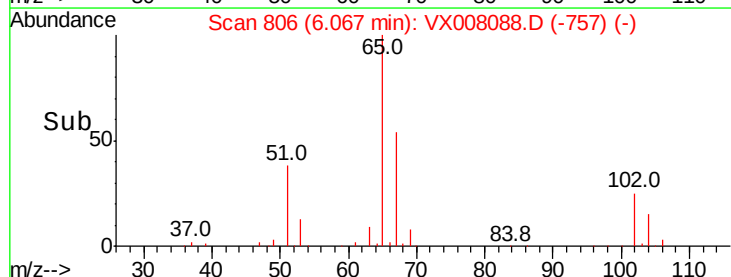
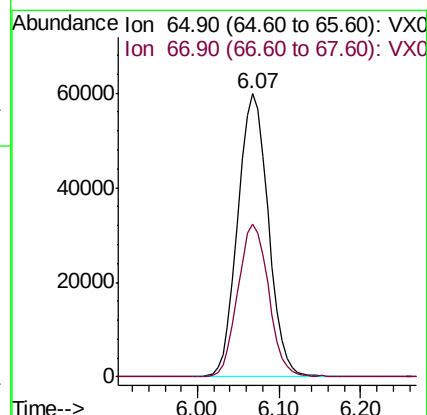
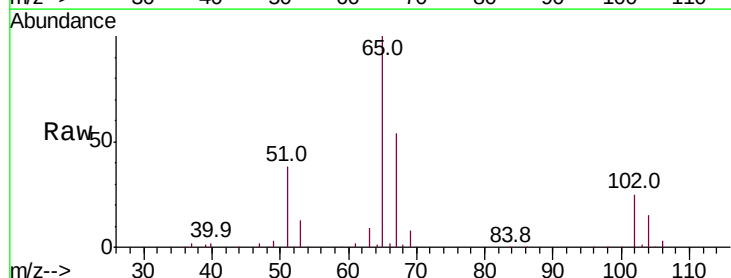
Acq: 14 Mar 2019 23:46

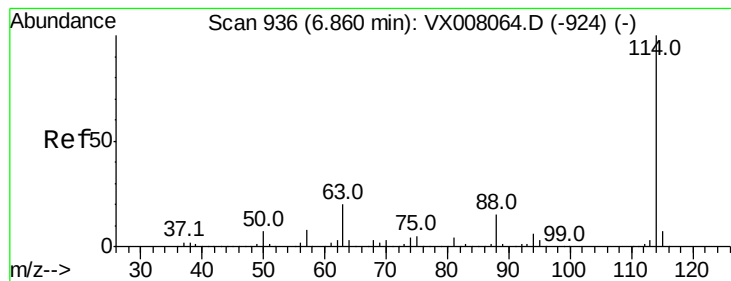
Tgt Ion: 65 Resp: 155529

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008088.D

Acq: 14 Mar 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-20190307

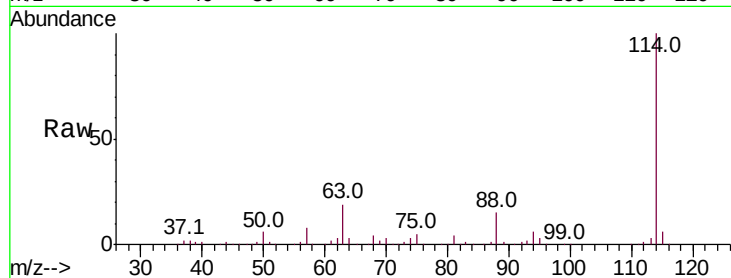
Tot Ion:114 Resp: 476220

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

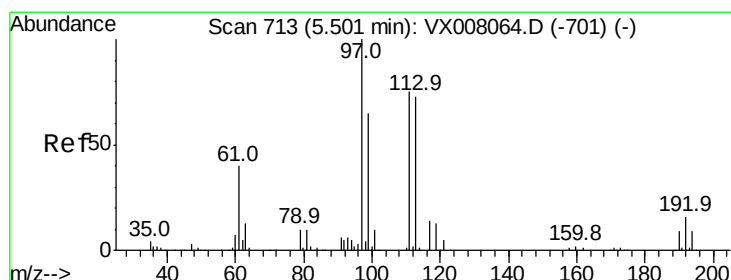
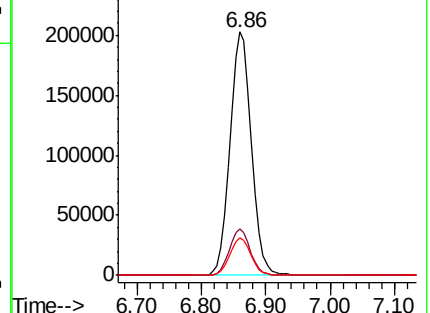
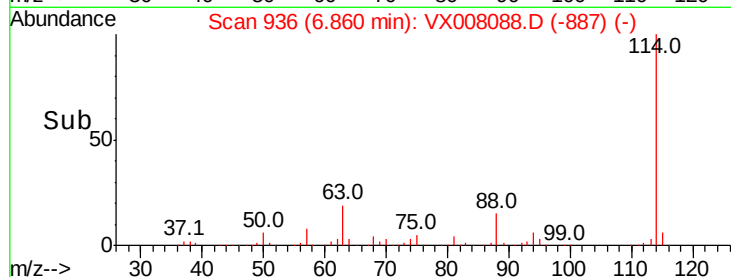
88 15.3 0.0 31.4



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: 49.707 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008088.D

Acq: 14 Mar 2019 23:46

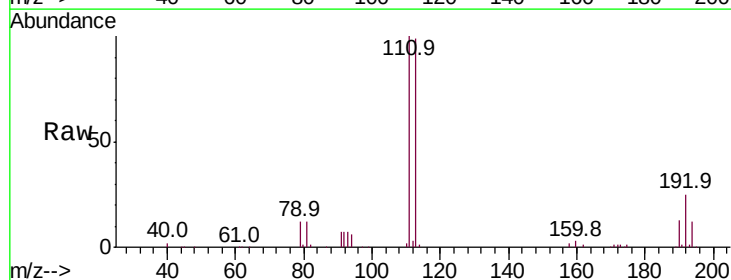
Tgt Ion:113 Resp: 150111

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

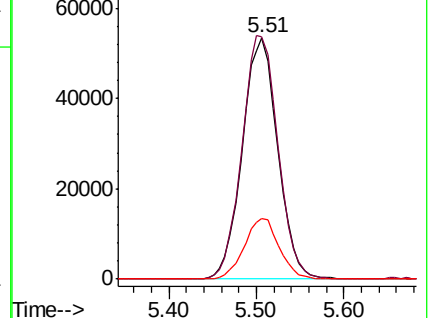
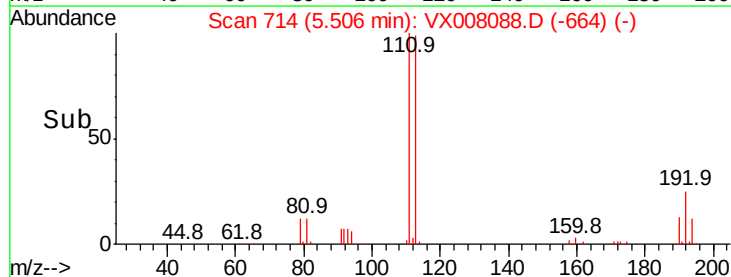
192 25.0 19.4 29.0

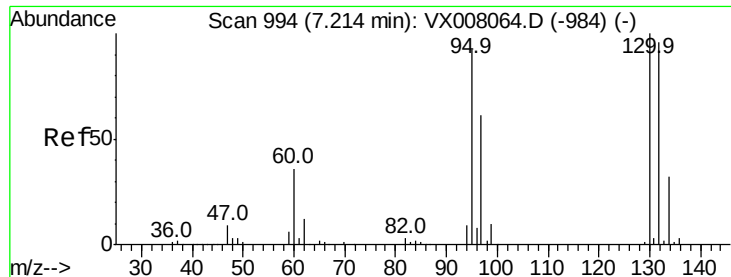


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 23.823 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008088.D

Acq: 14 Mar 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

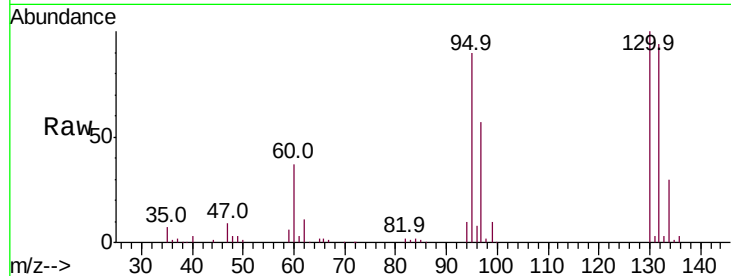
RE109D1-20190307

Tot Ion:130 Resp: 82517

Ion Ratio Lower Upper

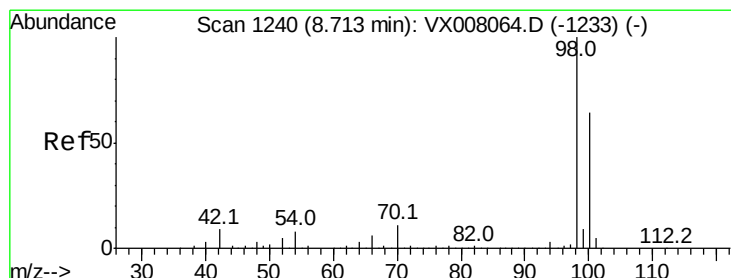
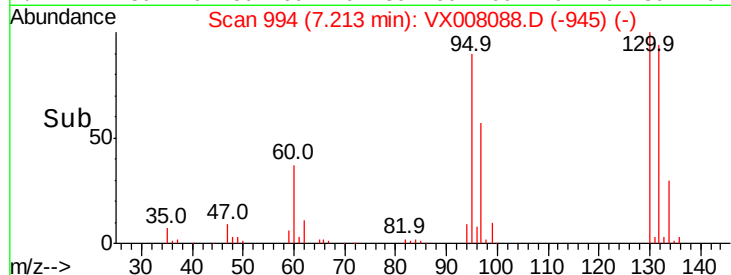
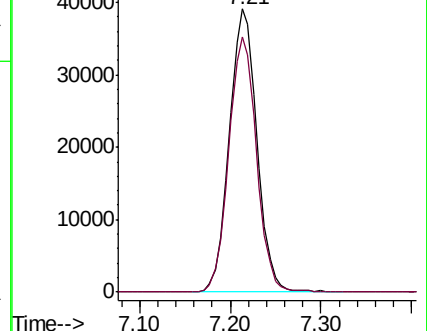
130 100

95 90.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.272 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008088.D

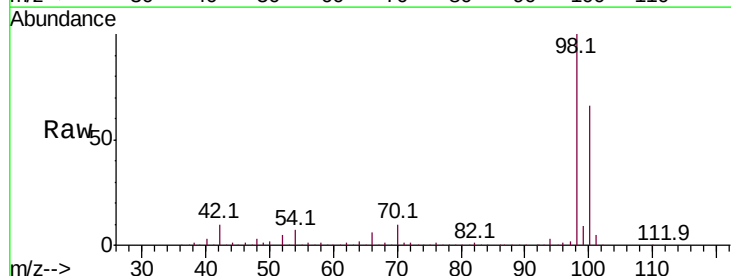
Acq: 14 Mar 2019 23:46

Tgt Ion: 98 Resp: 577411

Ion Ratio Lower Upper

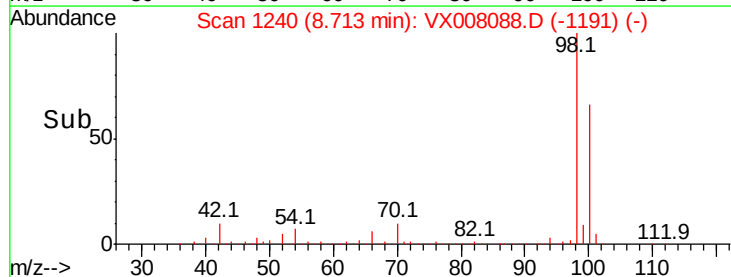
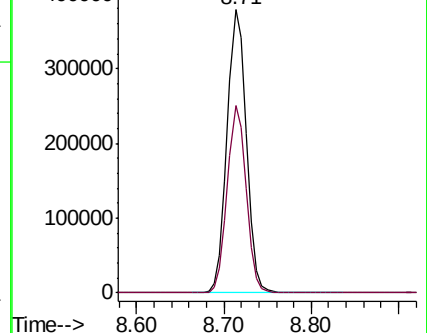
98 100

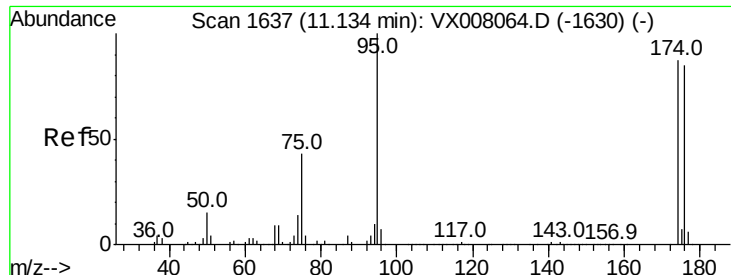
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.982 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008088.D

Acq: 14 Mar 2019 23:46

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-20190307

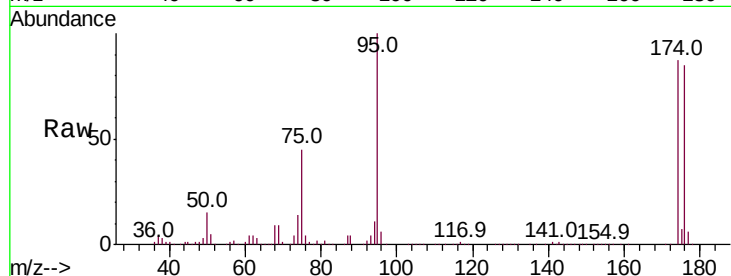
Tot Ion: 95 Resp: 213883

Ion Ratio Lower Upper

95 100

174 95.1 0.0 182.8

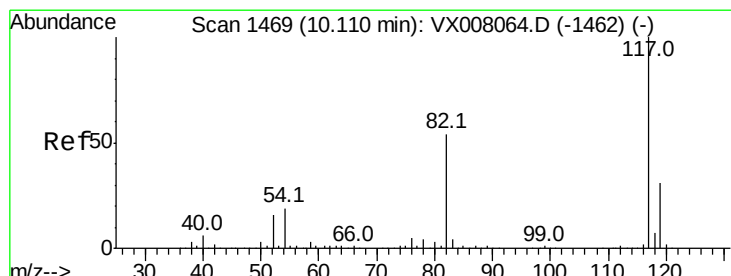
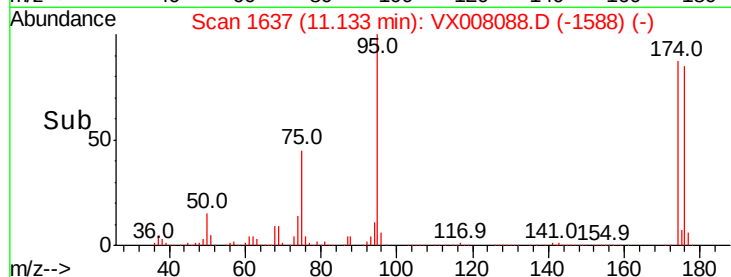
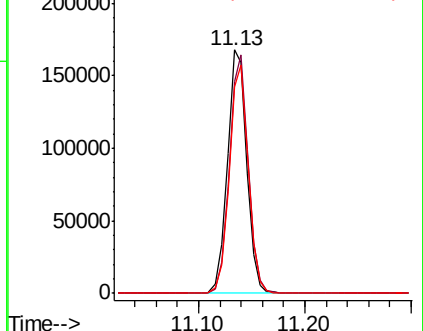
176 92.0 0.0 178.0



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008088.D

Acq: 14 Mar 2019 23:46

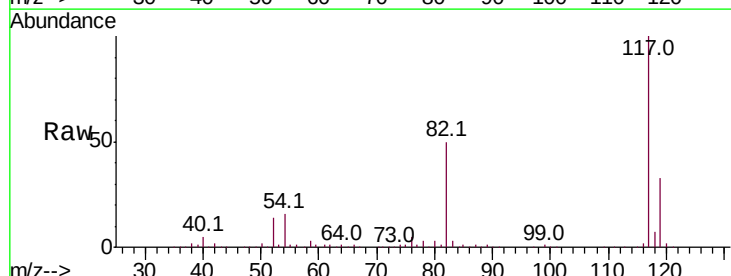
Tgt Ion: 117 Resp: 457120

Ion Ratio Lower Upper

117 100

82 49.5 44.3 66.5

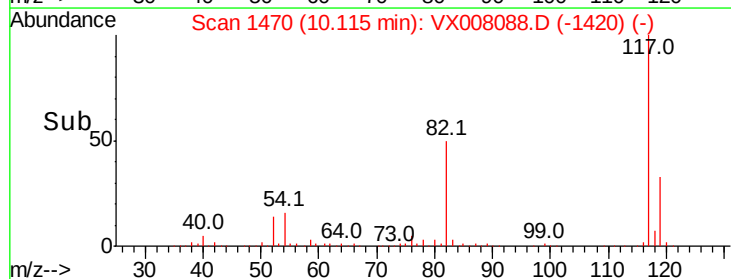
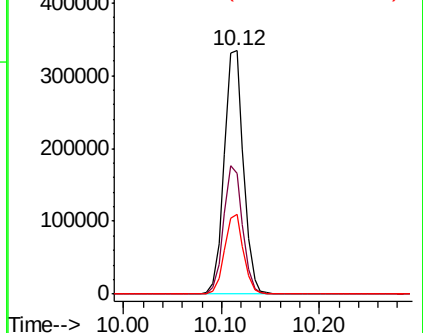
119 32.6 25.3 37.9

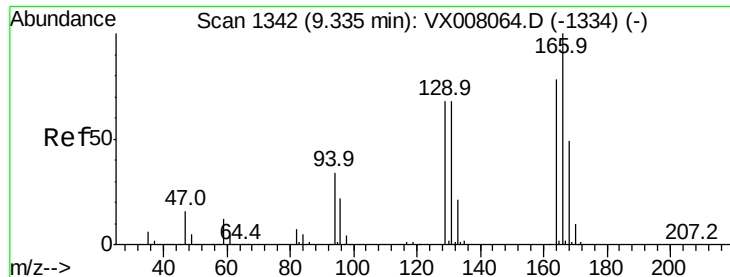


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

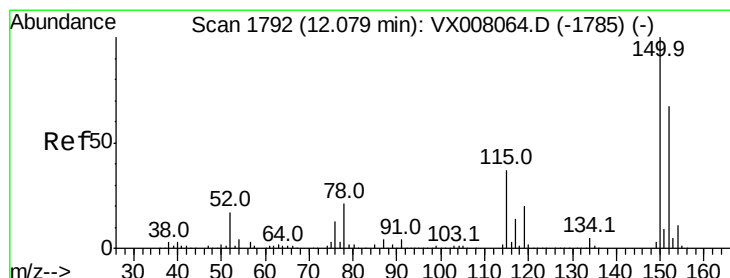
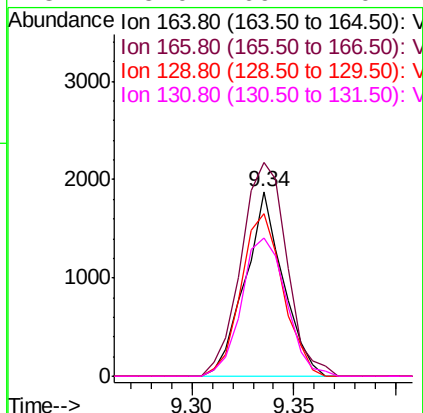
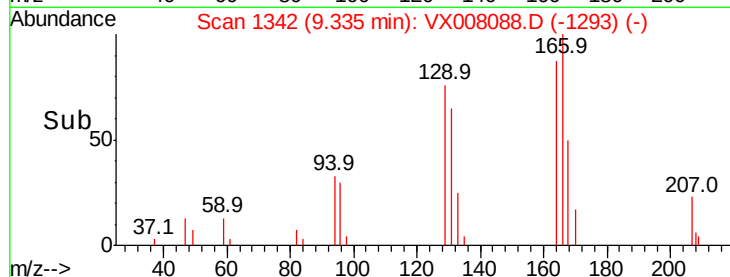
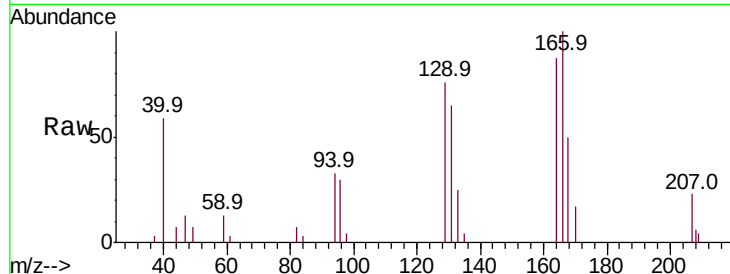




#64
Tetrachloroethene
Concen: 0.658 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008088.D
Acq: 14 Mar 2019 23:46

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20190307

Tot Ion:	164	Resp:	2438
Ion	Ratio	Lower	Upper
164	100		
166	115.5	103.4	155.0
129	88.0	72.2	108.4
131	75.0	69.4	104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008088.D
Acq: 14 Mar 2019 23:46

Tgt Ion:	152	Resp:	223188
Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.6	115.7
150	157.4	0.0	348.4

