

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008087.D
 Acq On : 14 Mar 2019 23:20
 Operator : JC/SP
 Sample : K1839-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20190307

Quant Time: Mar 15 05:22:18 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

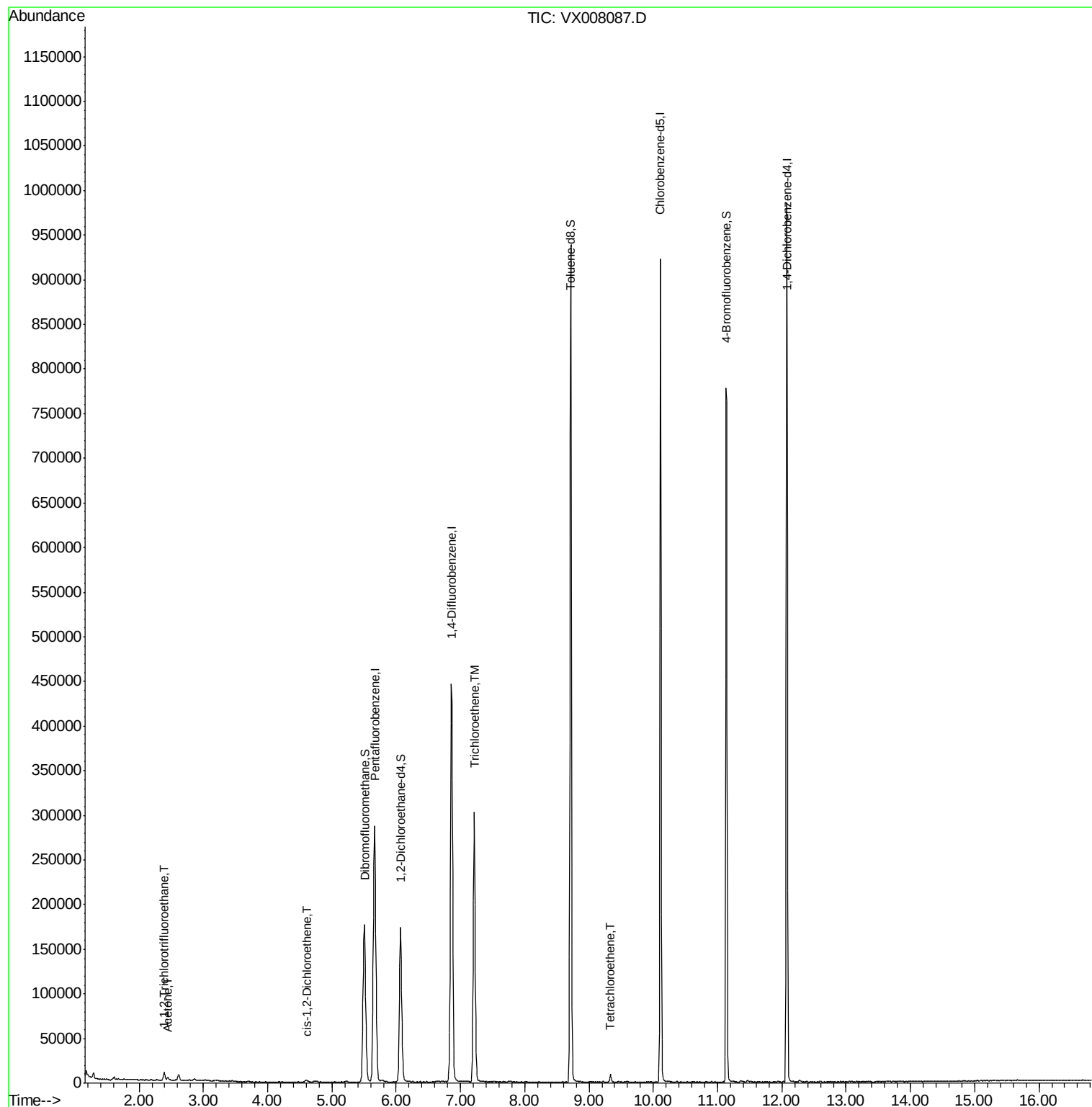
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	481275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	453732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159023	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	5.51	113	153711	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	8.71	98	575816	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	212196	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.40	101	3036	1.200	ug/l	98
16) Acetone	2.45	43	3213	2.152	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	1285	0.420	ug/l	89
44) Trichloroethene	7.21	130	125883	35.961	ug/l	98
64) Tetrachloroethene	9.34	164	1594	0.434	ug/l #	82

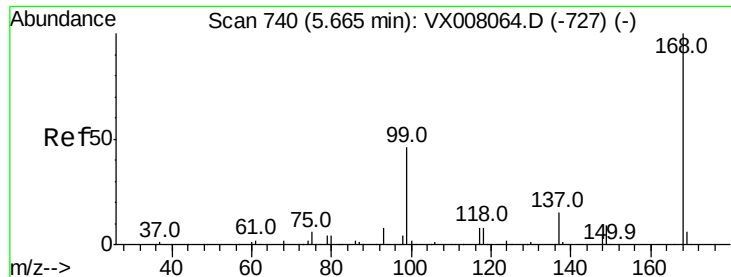
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008087.D

Acq: 14 Mar 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

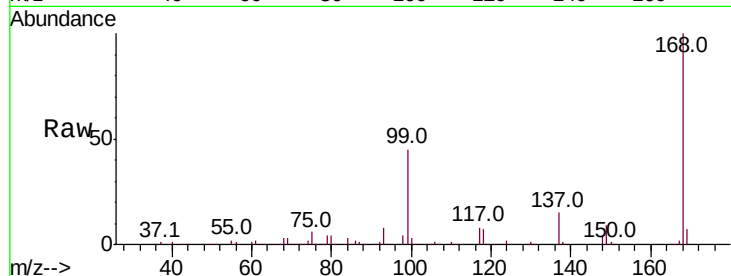
RE109D2-20190307

Tot Ion:168 Resp: 313569

Ion Ratio Lower Upper

168 100

99 44.8 37.6 56.4

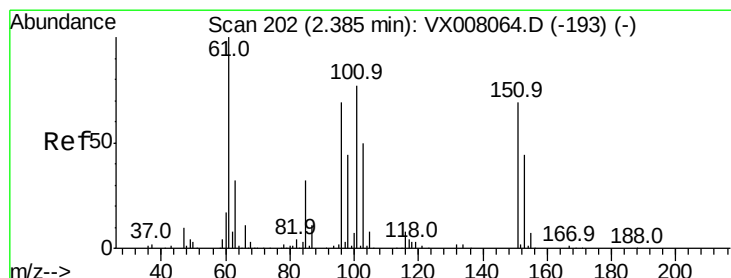
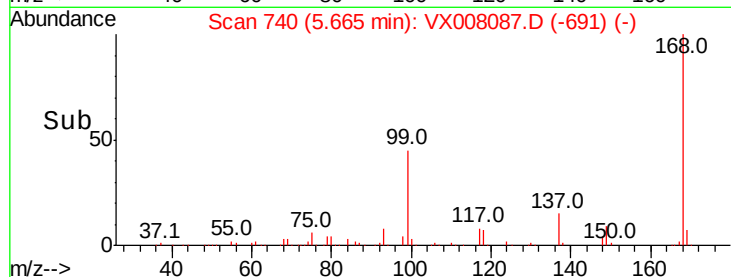


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.200 ug/l

RT: 2.40 min Scan# 204

Delta R.T. 0.01 min

Lab File: VX008087.D

Acq: 14 Mar 2019 23:20

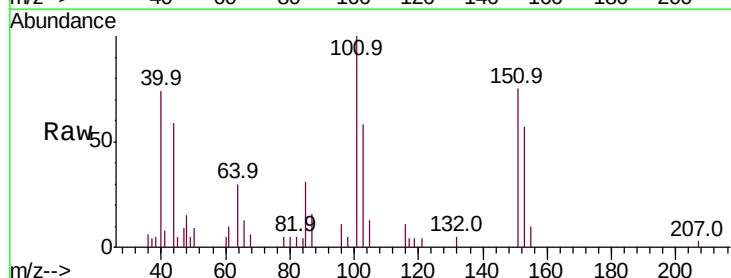
Tgt Ion:101 Resp: 3036

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.6

151 88.4 69.1 103.7



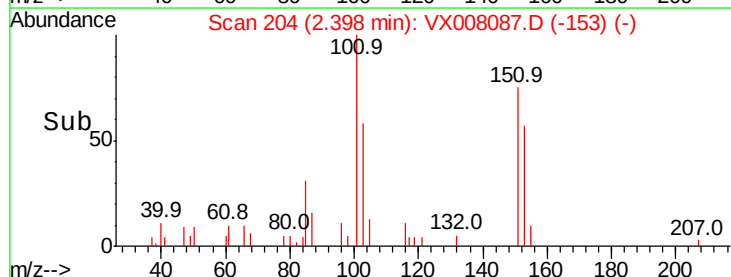
Abundance Ion 100.90 (100.60 to 101.60): V

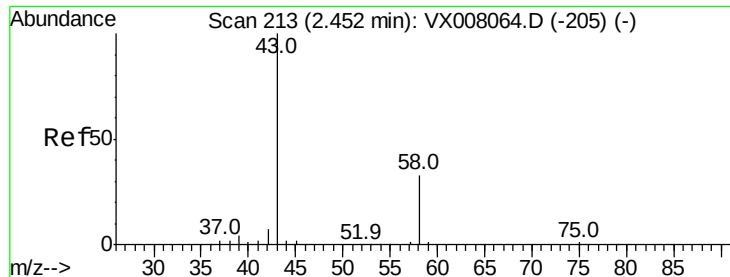
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.40

Time-->





#16

Acetone

Concen: 2.152 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008087.D

Acq: 14 Mar 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

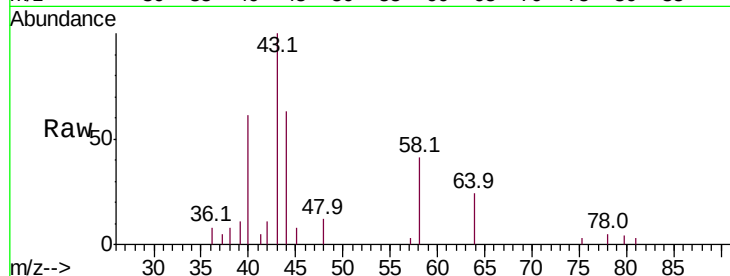
RE109D2-20190307

Tot Ion: 43 Resp: 3213

Ion Ratio Lower Upper

43 100

58 41.1 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

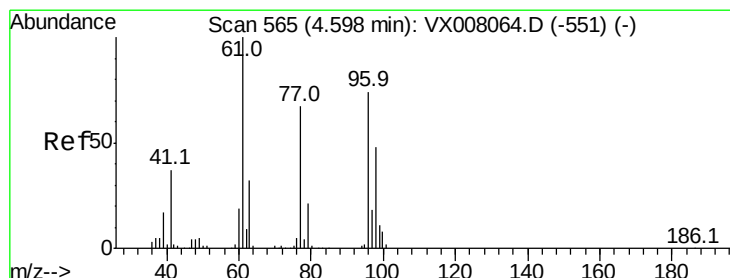
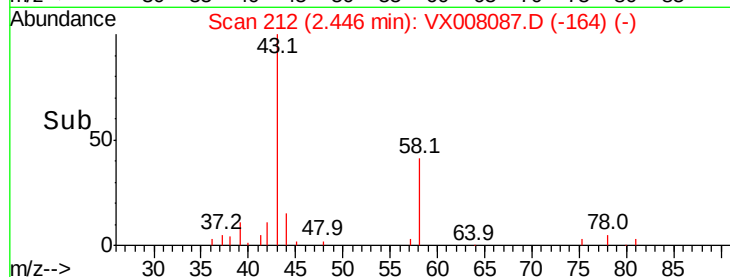
1000

500

0

Time-->

2.35 2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 0.420 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX008087.D

Acq: 14 Mar 2019 23:20

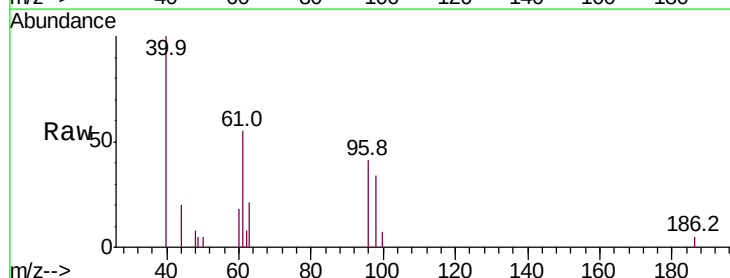
Tgt Ion: 96 Resp: 1285

Ion Ratio Lower Upper

96 100

61 131.1 0.0 288.0

98 74.4 0.0 129.0



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

800

600

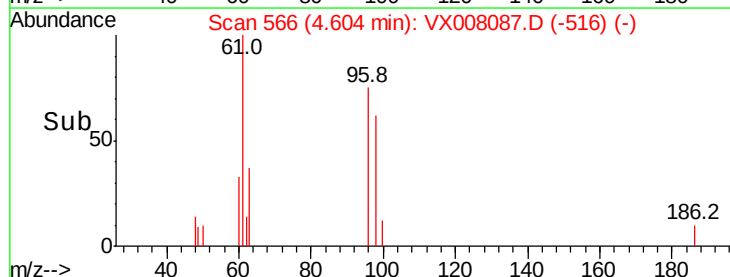
400

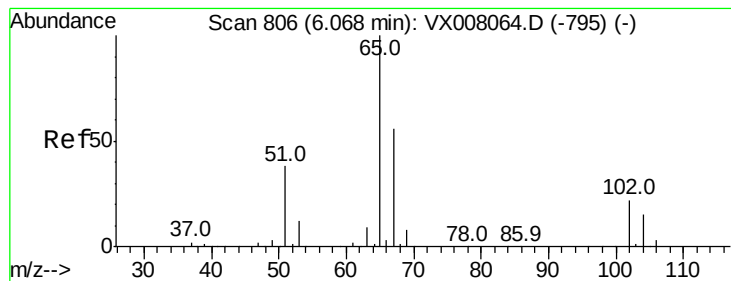
200

0

Time-->

4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 50.274 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008087.D

Acq: 14 Mar 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

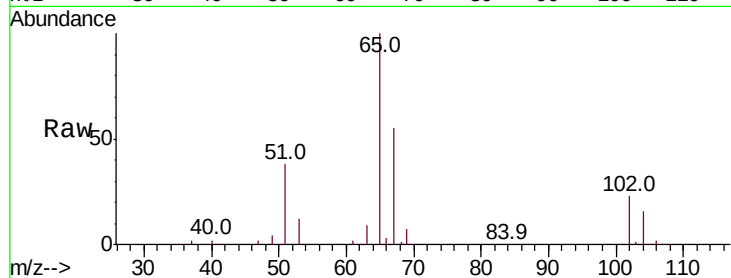
RE109D2-20190307

Tot Ion: 65 Resp: 159023

Ion Ratio Lower Upper

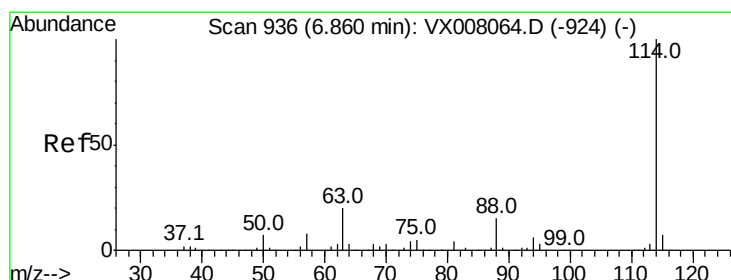
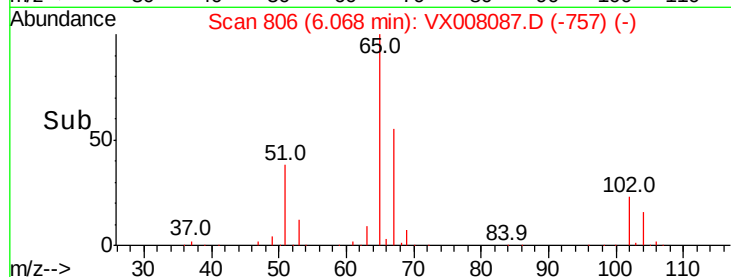
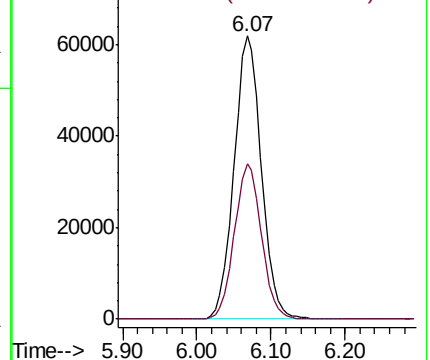
65 100

67 54.3 0.0 110.0



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: VX008087.D

Acq: 14 Mar 2019 23:20

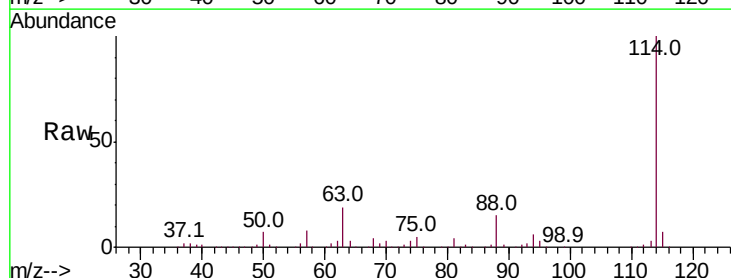
Tgt Ion: 114 Resp: 481275

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

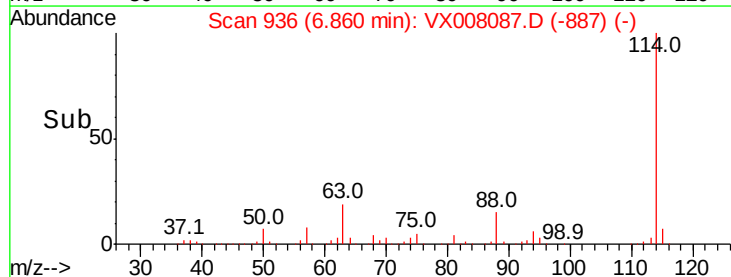
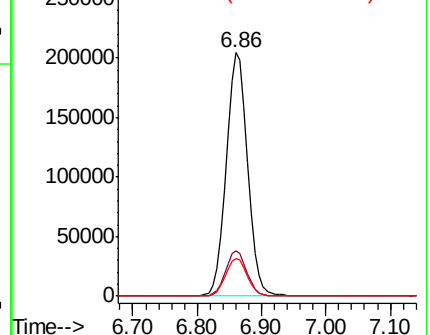
88 15.4 0.0 31.4

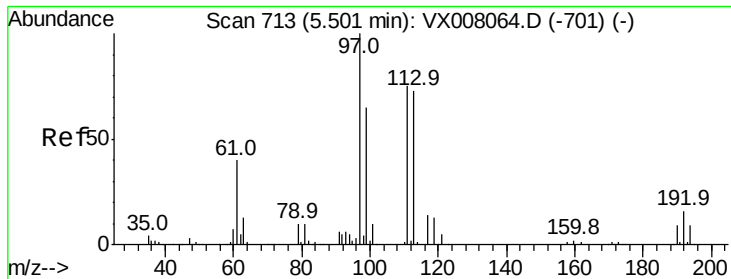


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.364 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008087.D

Acq: 14 Mar 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20190307

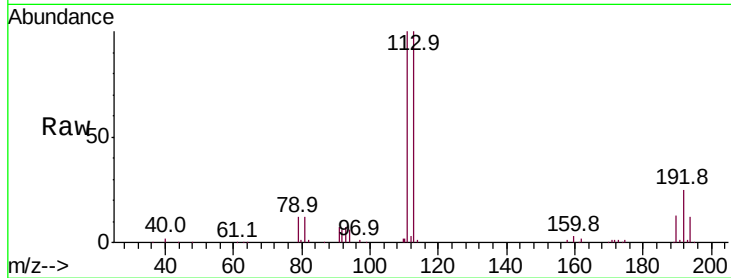
Tot Ion:113 Resp: 153711

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

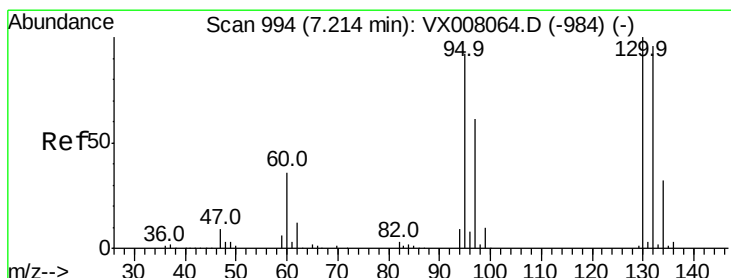
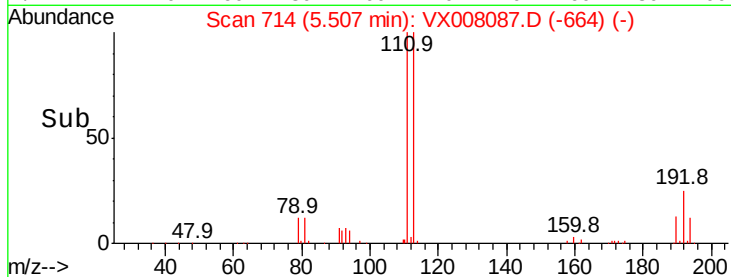
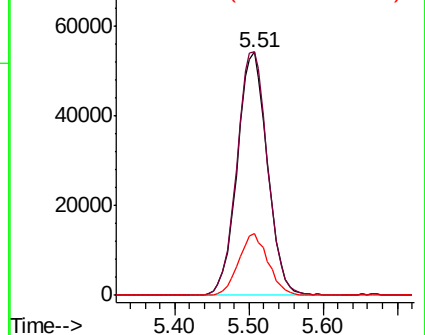
192 24.7 19.4 29.0



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: 35.961 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008087.D

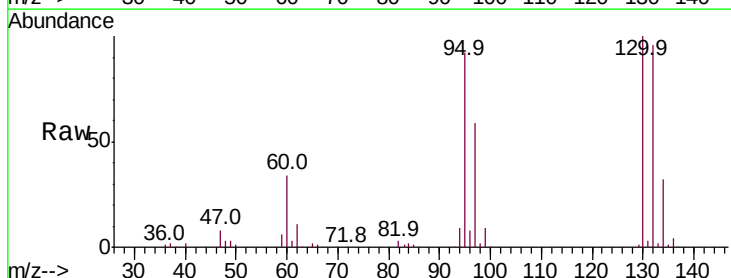
Acq: 14 Mar 2019 23:20

Tgt Ion:130 Resp: 125883

Ion Ratio Lower Upper

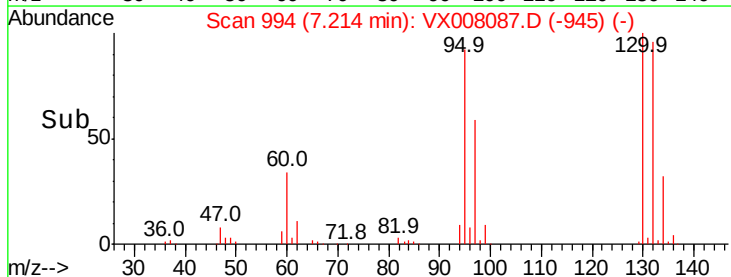
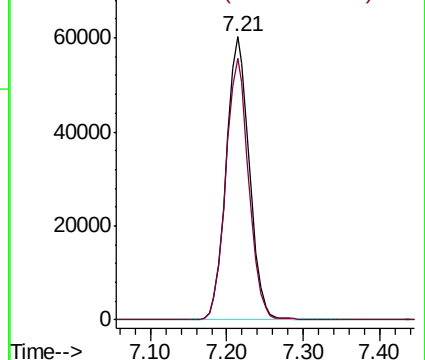
130 100

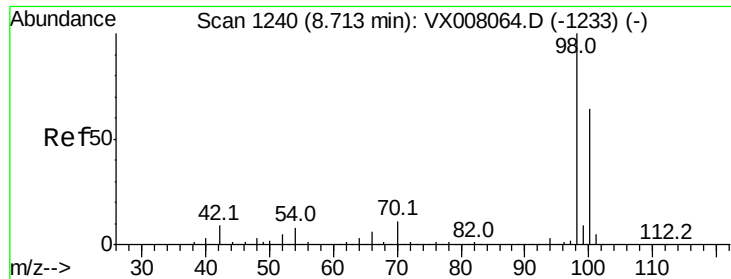
95 92.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

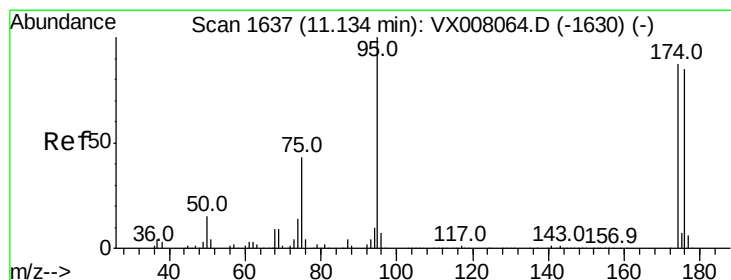
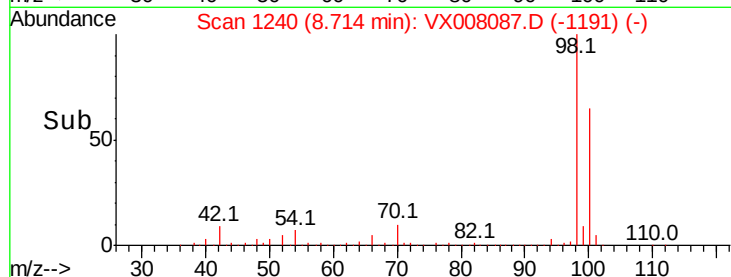
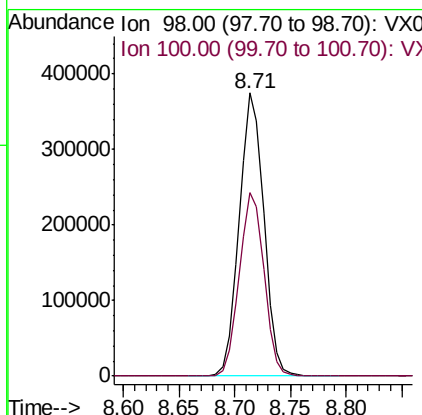
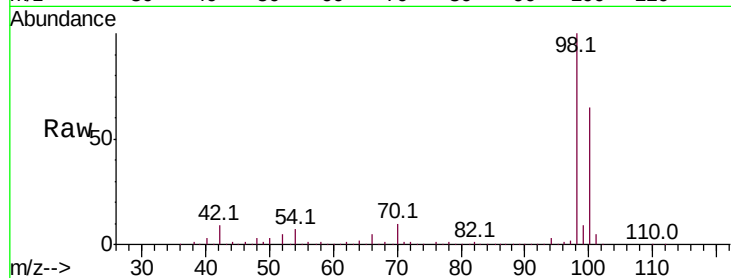




#50
Toluene-d8
Concen: 49.607 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008087.D
Acq: 14 Mar 2019 23:20

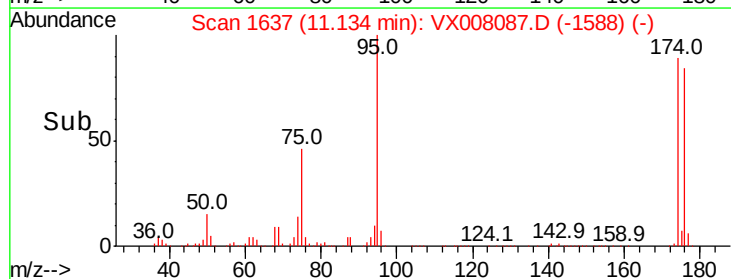
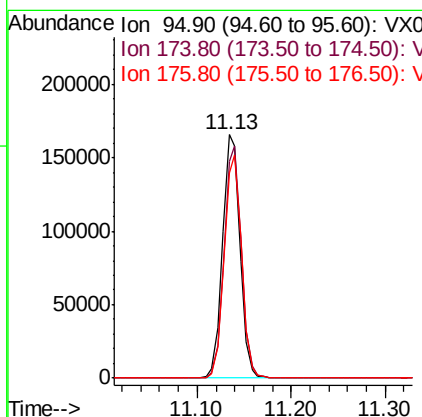
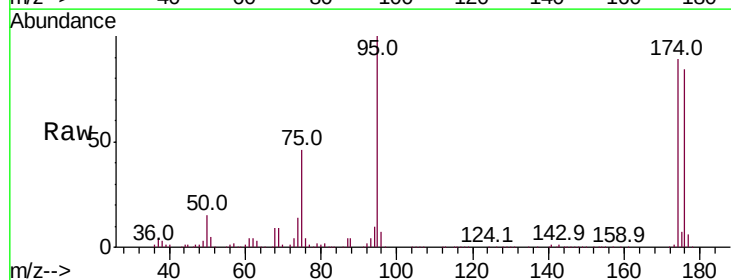
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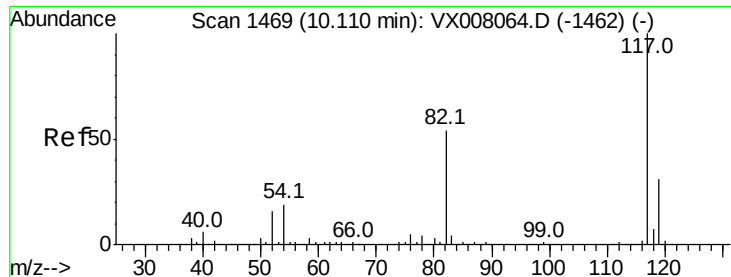
Tot Ion: 98 Resp: 575816
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.030 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008087.D
Acq: 14 Mar 2019 23:20

Tgt Ion: 95 Resp: 212196
Ion Ratio Lower Upper
95 100
174 94.4 0.0 182.8
176 91.0 0.0 178.0

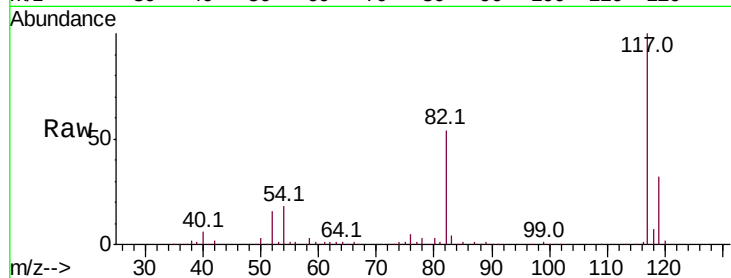




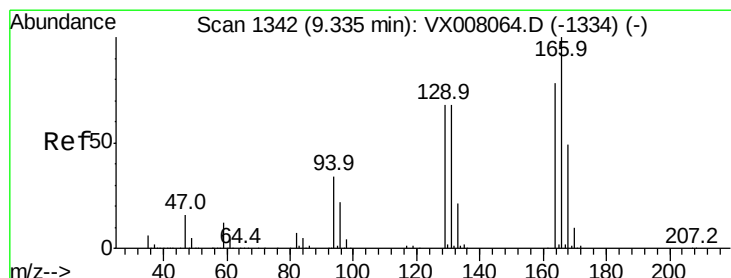
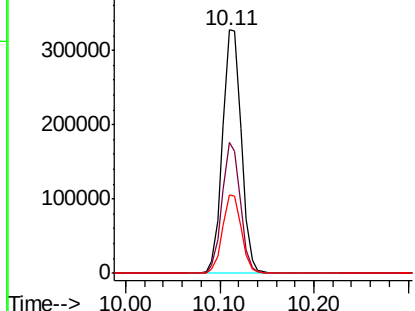
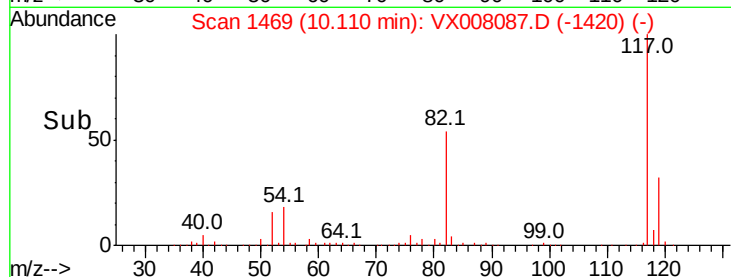
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008087.D
Acq: 14 Mar 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20190307

Tot Ion:117 Resp: 453732
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 32.1 25.3 37.9

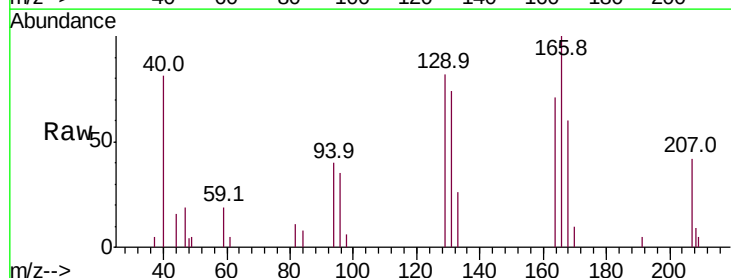


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

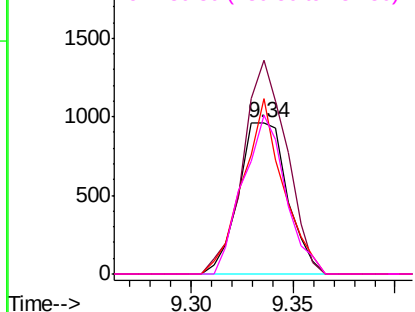
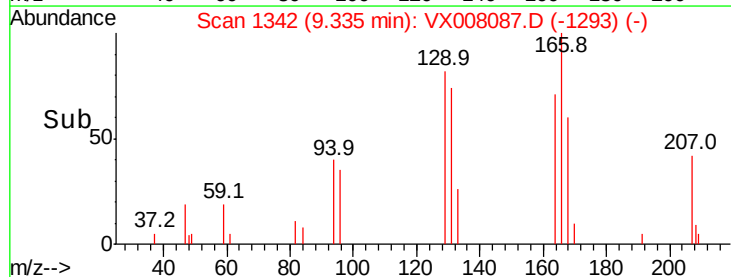


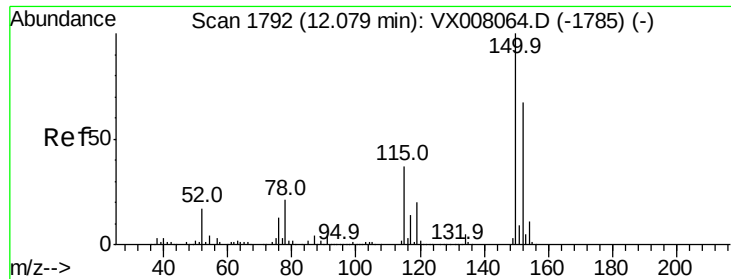
#64
Tetrachloroethene
Concen: 0.434 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008087.D
Acq: 14 Mar 2019 23:20

Tgt Ion:164 Resp: 1594
Ion Ratio Lower Upper
164 100
166 141.0 103.4 155.0
129 115.9 72.2 108.4#
131 104.8 69.4 104.2#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008087.D

Acq: 14 Mar 2019 23:20

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20190307

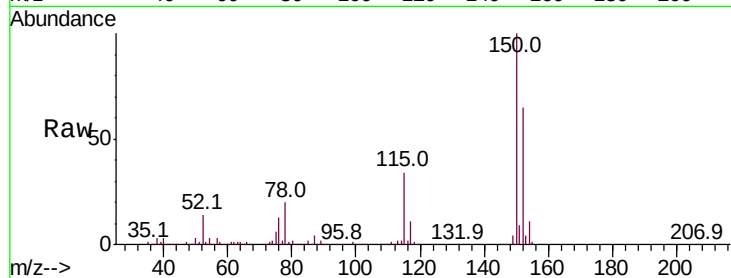
Tot Ion:152 Resp: 221527

Ion Ratio Lower Upper

152 100

115 54.9 38.6 115.7

150 155.5 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

