

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007984.D
 Acq On : 11 Mar 2019 21:36
 Operator : JC/SP
 Sample : K1841-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190308

Quant Time: Mar 12 09:18:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

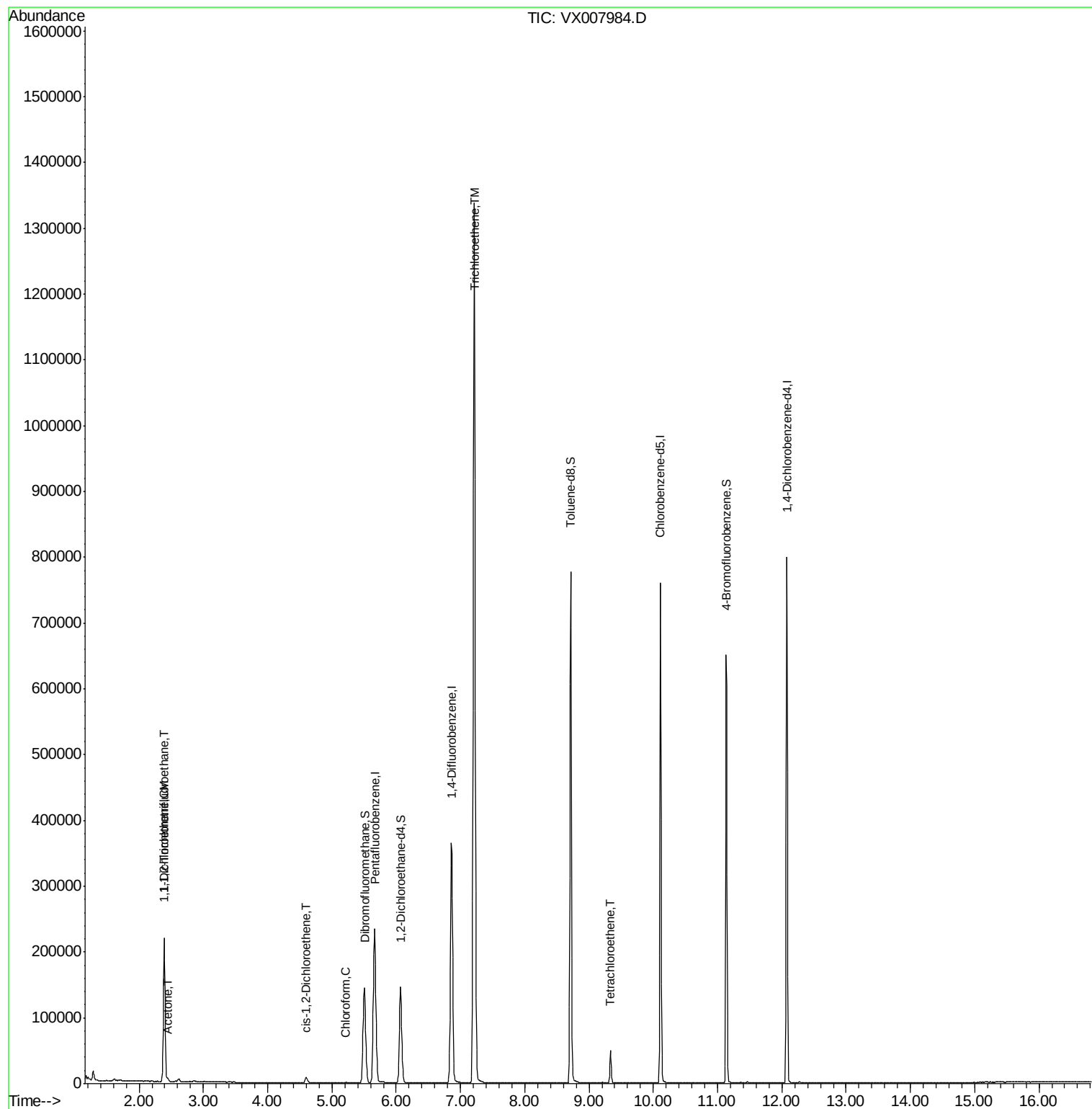
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	363311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136085	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	5.51	113	126971	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
50) Toluene-d8	8.71	98	470076	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.13	95	170955	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87676	40.232	ug/l	99
12) 1,1-Dichloroethene	2.38	96	2092	0.996	ug/l	95
16) Acetone	2.45	43	3819	2.533	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	5347	2.022	ug/l	89
30) Chloroform	5.21	83	1561	0.379	ug/l #	83
44) Trichloroethene	7.21	130	550409	191.466	ug/l	99
64) Tetrachloroethene	9.34	164	10869	3.610	ug/l	96

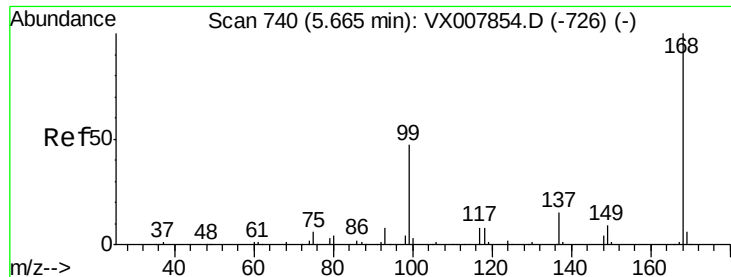
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007984.D

Acq: 11 Mar 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

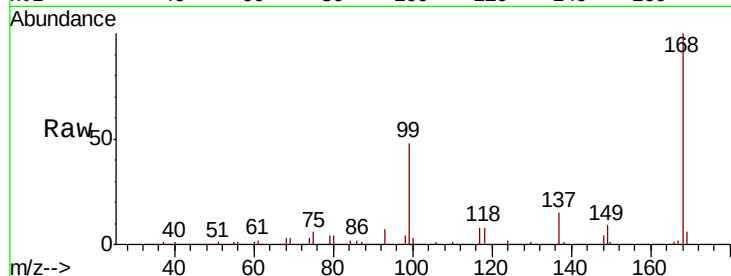
RE125D3-20190308

Tgt Ion:168 Resp: 246900

Ion Ratio Lower Upper

168 100

99 47.9 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

100000

80000

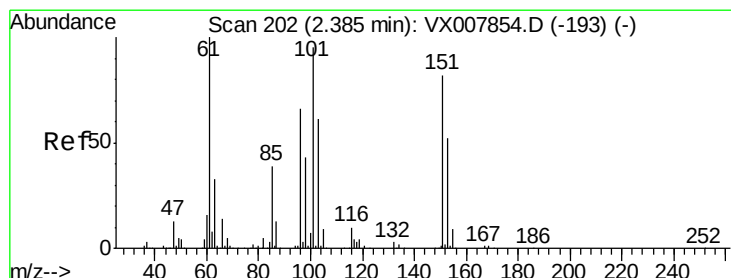
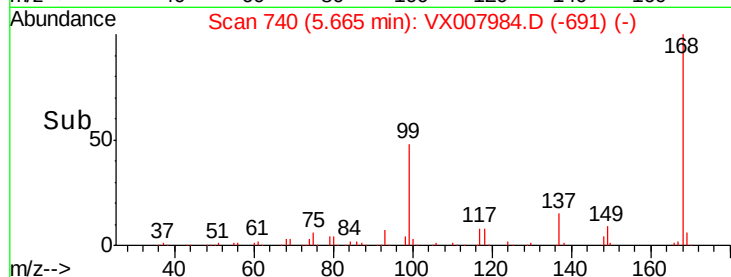
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.232 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007984.D

Acq: 11 Mar 2019 21:36

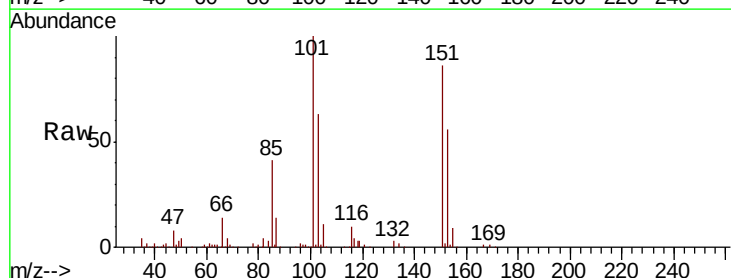
Tgt Ion:101 Resp: 87676

Ion Ratio Lower Upper

101 100

85 41.1 33.8 50.6

151 86.1 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

2.39

60000

50000

40000

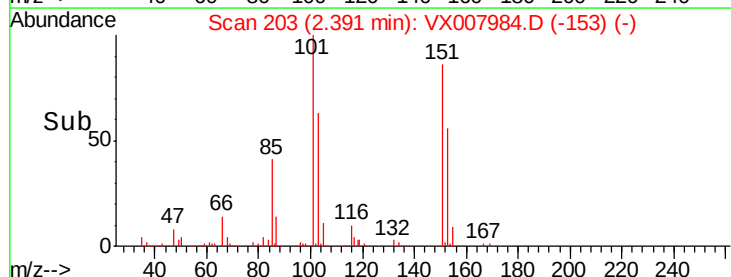
30000

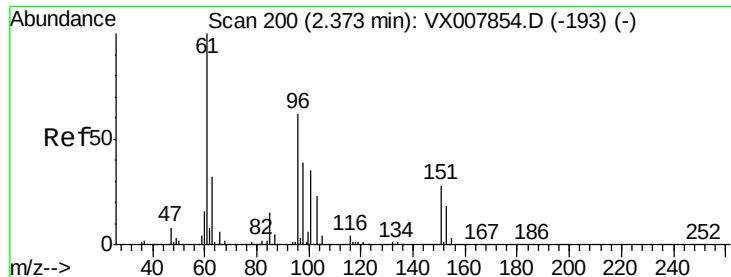
20000

10000

0

Time--> 2.30 2.40 2.50





#12

1,1-Dichloroethene

Concen: 0.996 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007984.D

Acq: 11 Mar 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190308

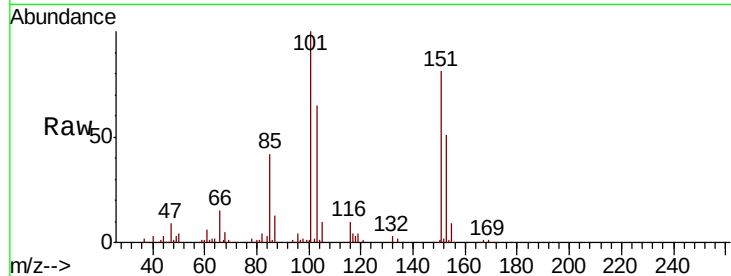
Tgt Ion: 96 Resp: 2092

Ion Ratio Lower Upper

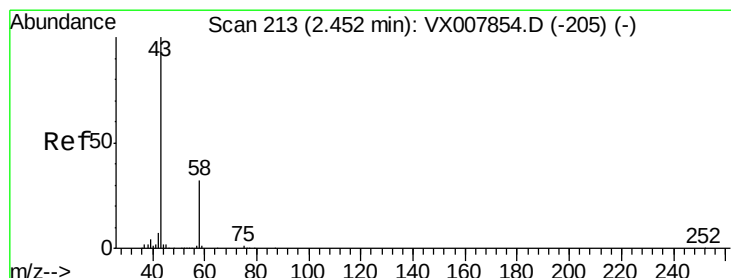
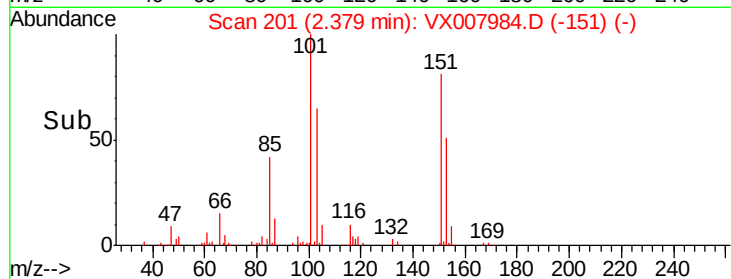
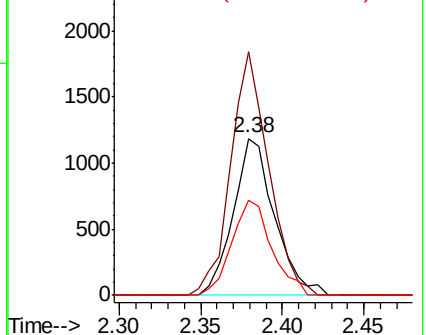
96 100

61 155.4 129.8 194.6

98 60.8 51.0 76.6



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



#16

Acetone

Concen: 2.533 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007984.D

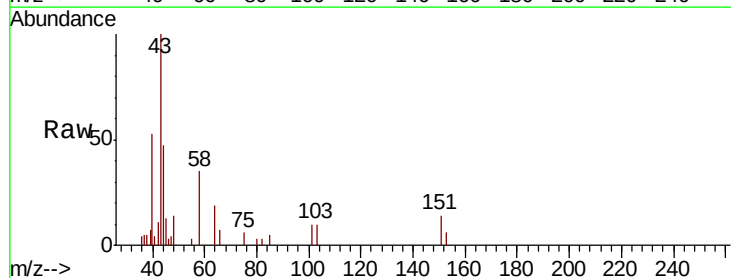
Acq: 11 Mar 2019 21:36

Tgt Ion: 43 Resp: 3819

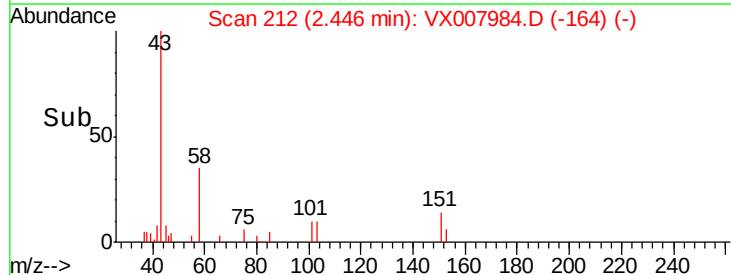
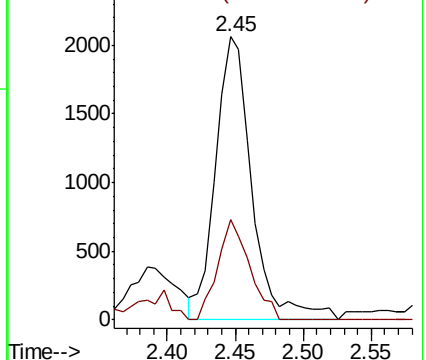
Ion Ratio Lower Upper

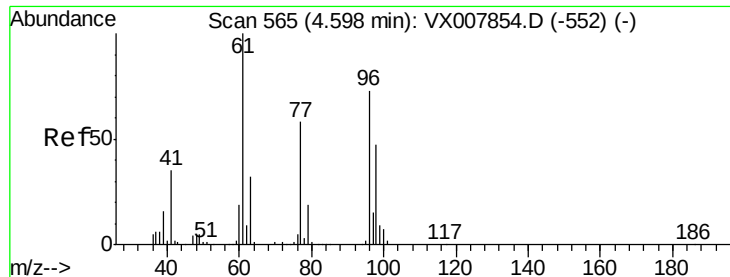
43 100

58 35.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



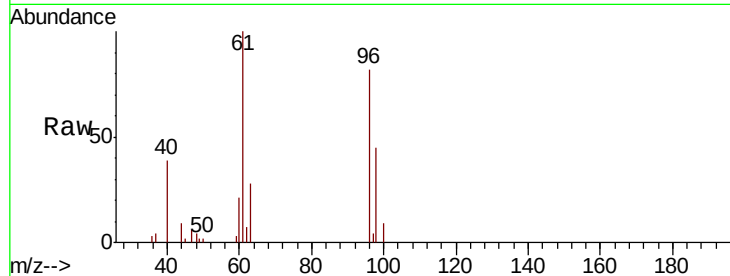


#27

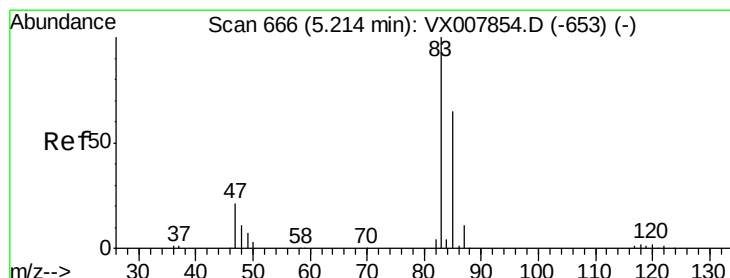
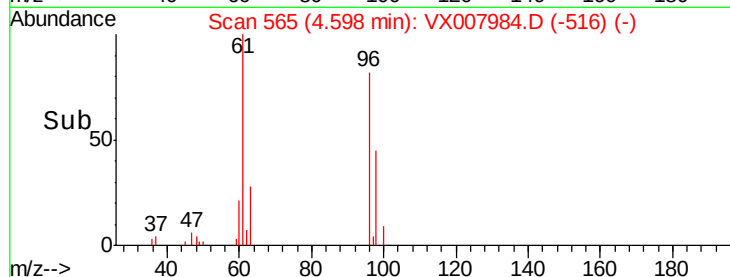
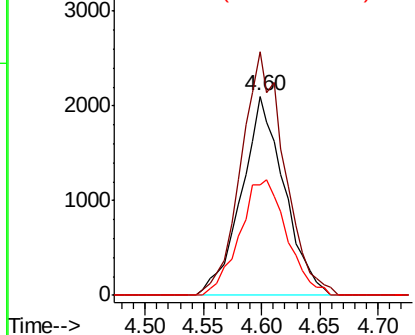
cis-1,2-Dichloroethene
 Concen: 2.022 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007984.D
 Acq: 11 Mar 2019 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190308

Tgt Ion: 96 Resp: 5347
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 288.0
 98 63.8 0.0 129.0



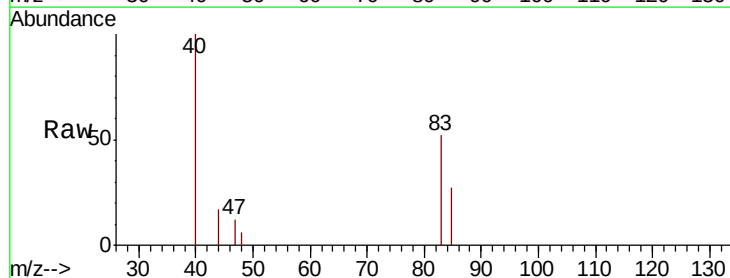
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



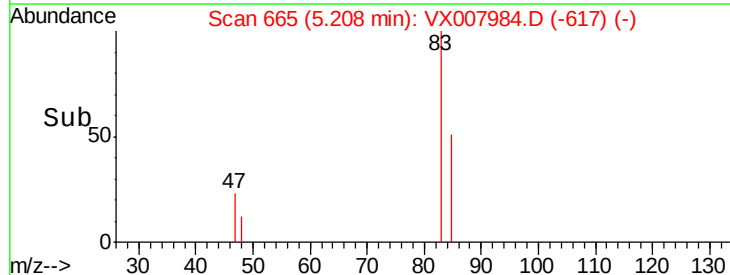
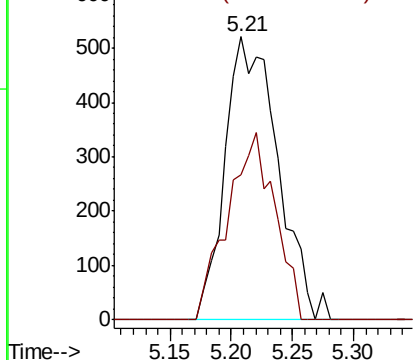
#30

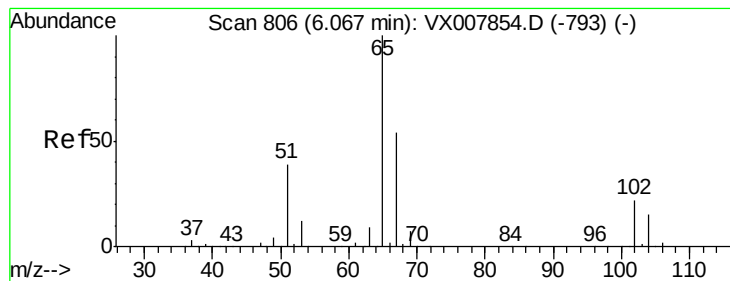
Chloroform
 Concen: 0.379 ug/l
 RT: 5.21 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: VX007984.D
 Acq: 11 Mar 2019 21:36

Tgt Ion: 83 Resp: 1561
 Ion Ratio Lower Upper
 83 100
 85 51.1 51.8 77.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.249 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007984.D

Acq: 11 Mar 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

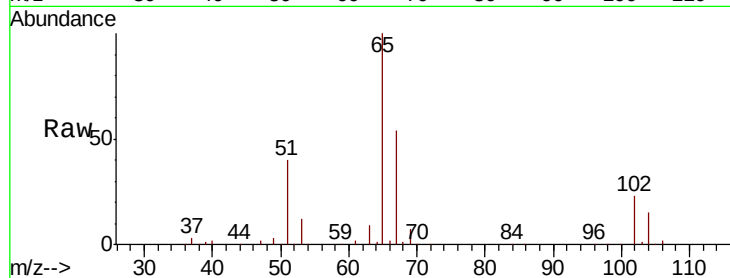
RE125D3-20190308

Tgt Ion: 65 Resp: 136085

Ion Ratio Lower Upper

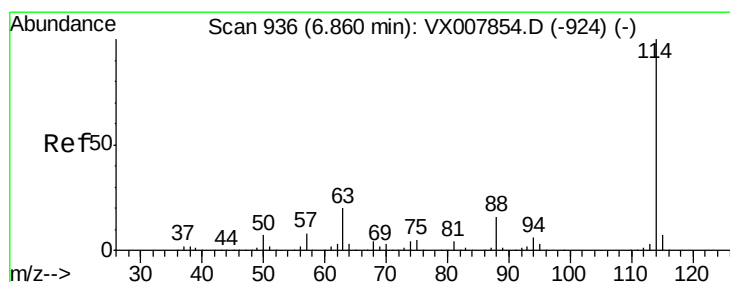
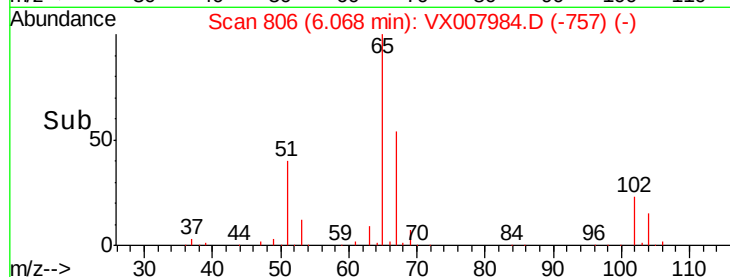
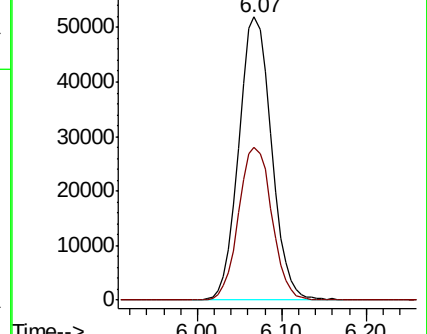
65 100

67 55.2 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: VX007984.D

Acq: 11 Mar 2019 21:36

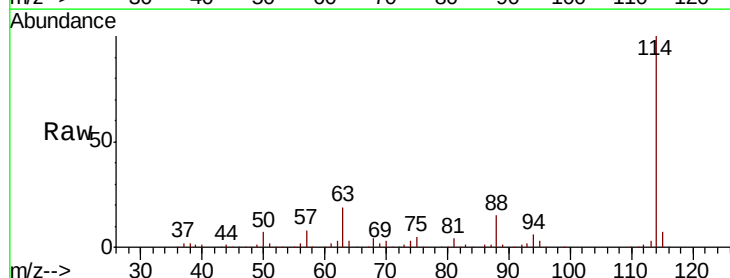
Tgt Ion: 114 Resp: 386971

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

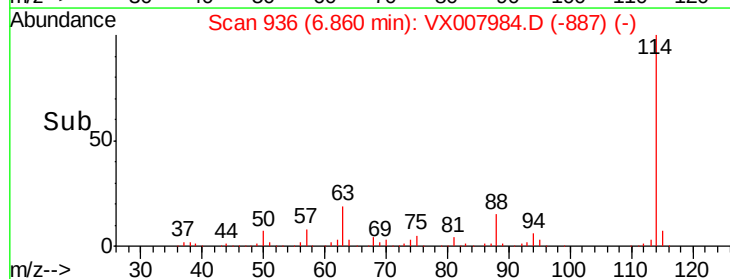
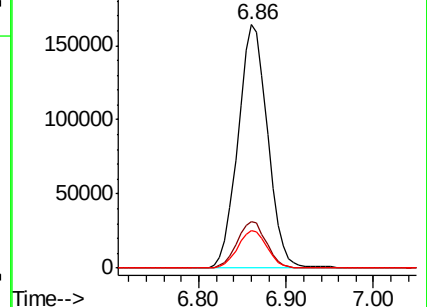
88 15.4 0.0 31.4

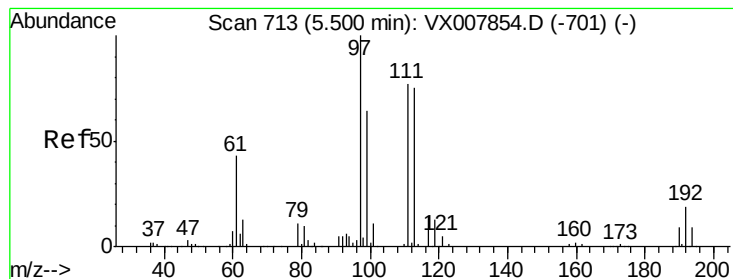


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.295 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007984.D

Acq: 11 Mar 2019 21:36

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190308

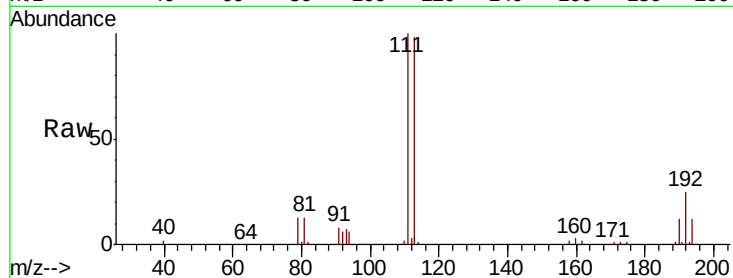
Tgt Ion:113 Resp: 126971

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

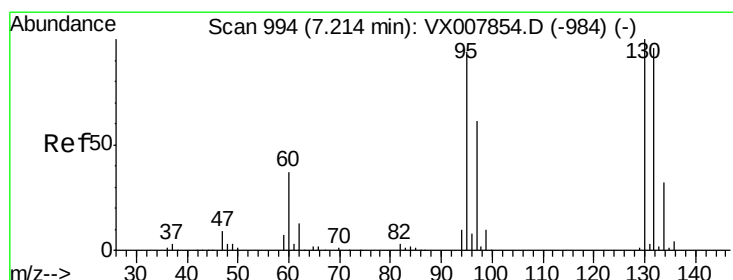
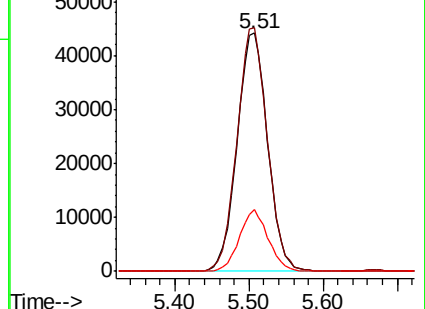
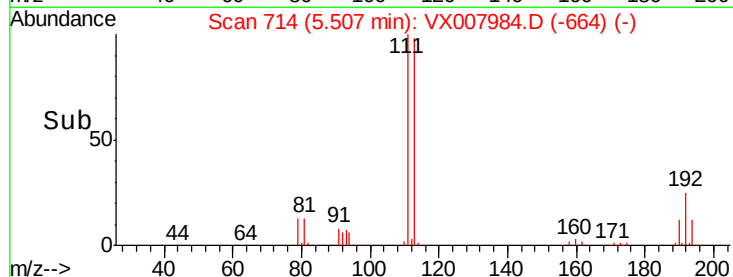
192 24.4 19.4 29.0



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: 191.466 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007984.D

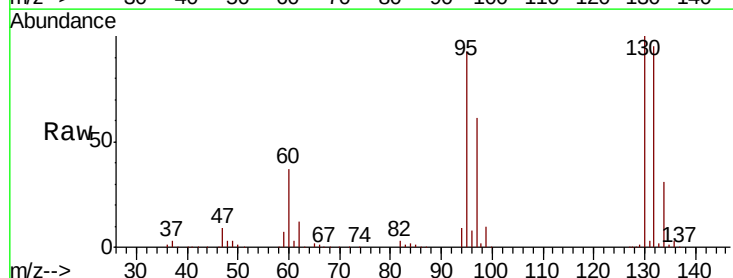
Acq: 11 Mar 2019 21:36

Tgt Ion:130 Resp: 550409

Ion Ratio Lower Upper

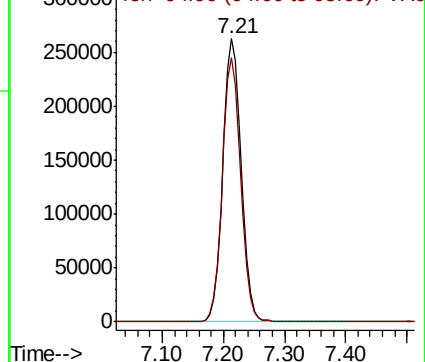
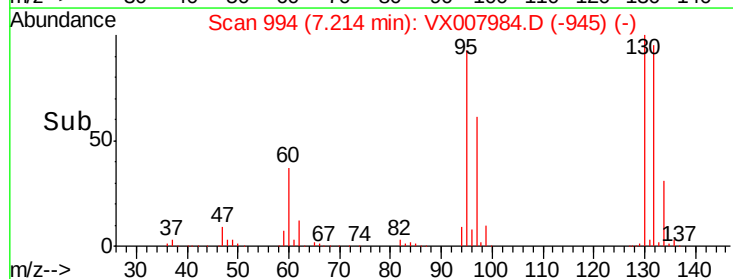
130 100

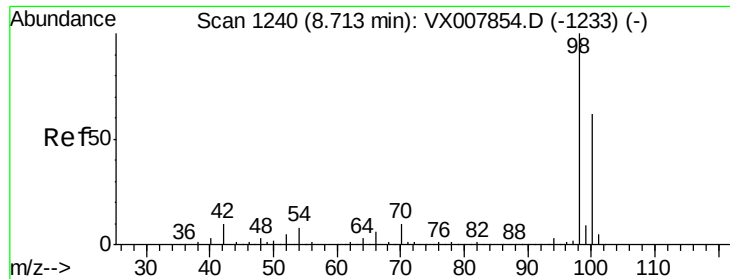
95 93.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

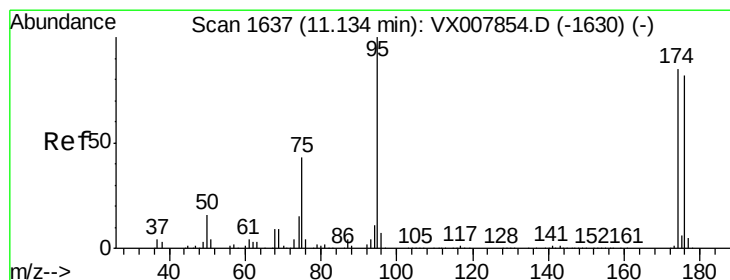
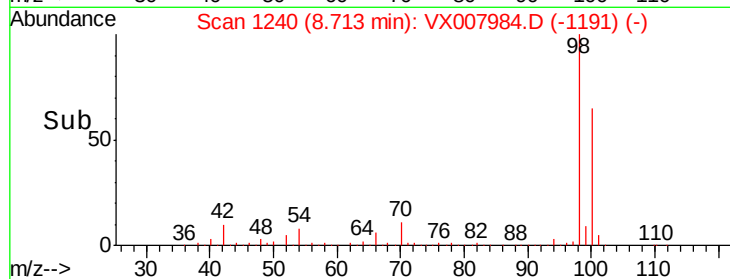
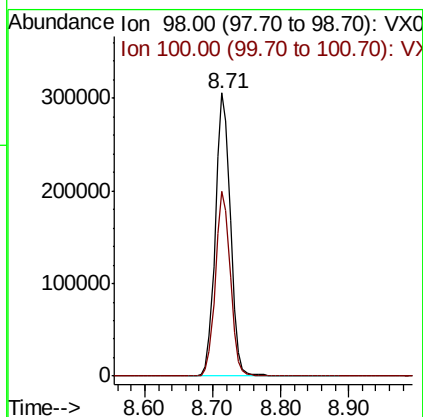
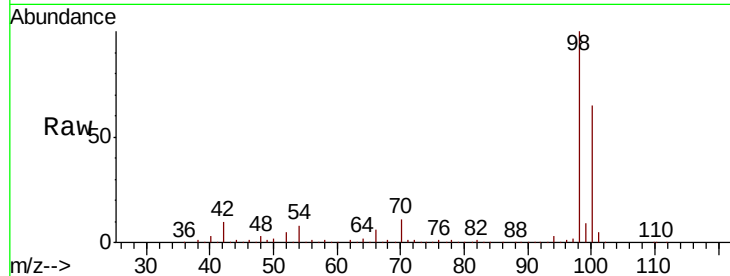




#50
Toluene-d8
Concen: 51.709 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

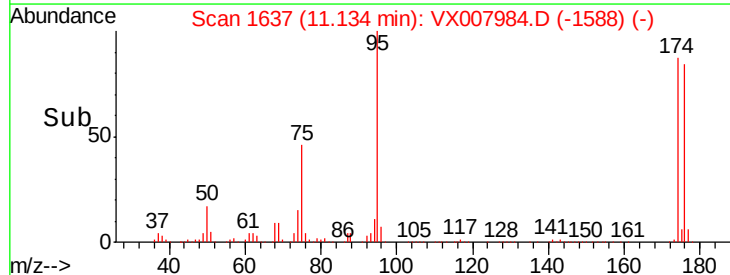
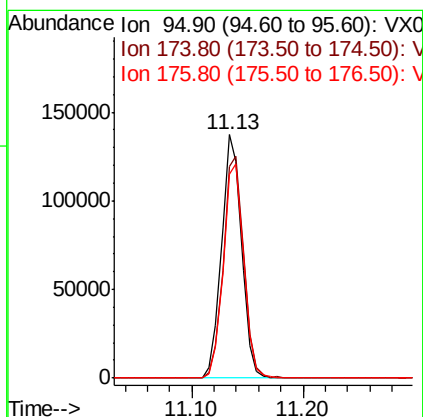
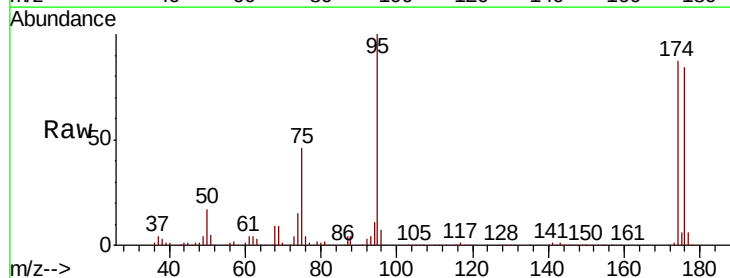
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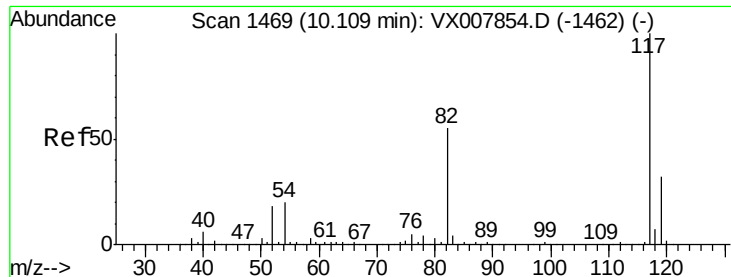
Tgt Ion: 98 Resp: 470076
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.637 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion: 95 Resp: 170955
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.8
176 89.6 0.0 178.0

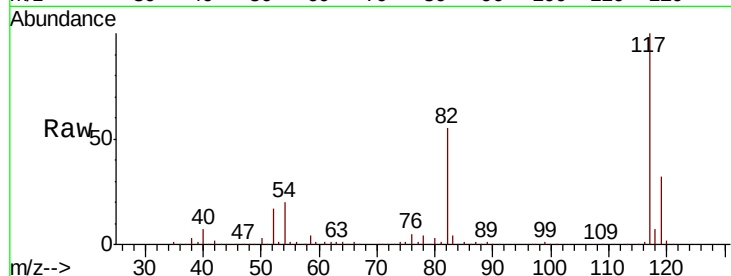




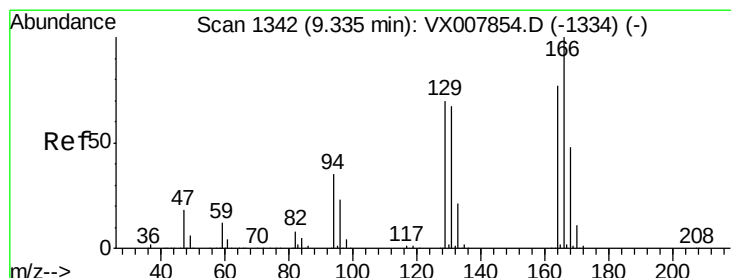
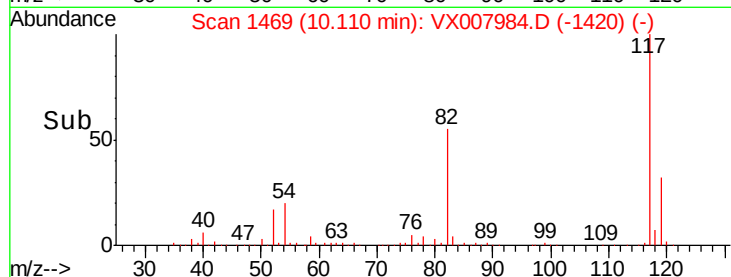
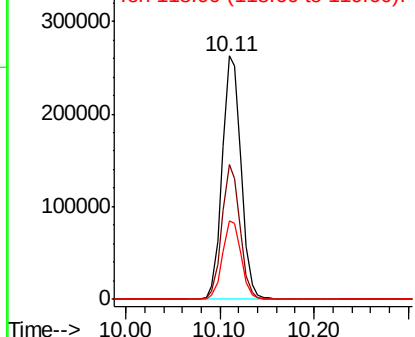
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190308

Tgt Ion:117 Resp: 363311
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.5 25.3 37.9



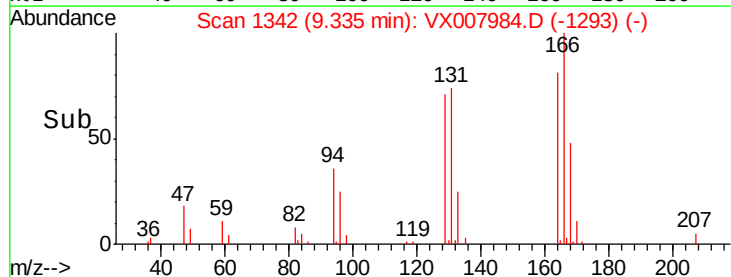
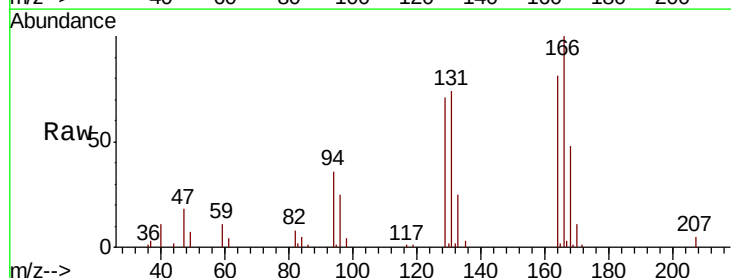
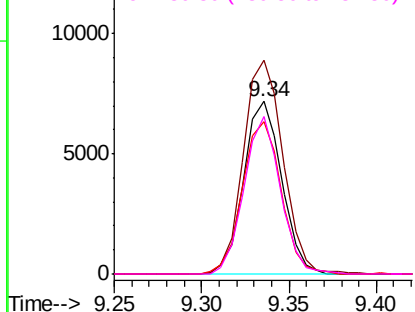
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

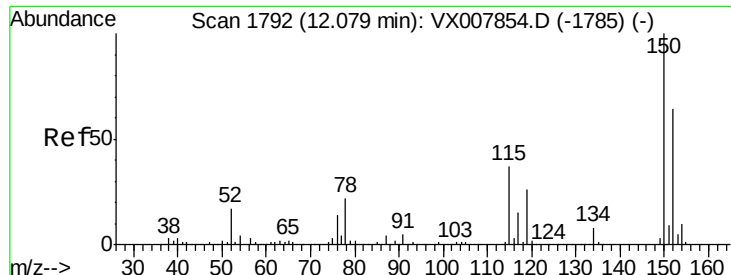


#64
Tetrachloroethene
Concen: 3.610 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007984.D
Acq: 11 Mar 2019 21:36

Tgt Ion:164 Resp: 10869
Ion Ratio Lower Upper
164 100
166 124.0 103.4 155.0
129 88.3 72.2 108.4
131 91.3 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: VX007984.D
 Acq: 11 Mar 2019 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190308

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.6	115.7
150	154.9	0.0	348.4

