

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008967.D
 Acq On : 15 Apr 2019 17:56
 Operator : JC/SP
 Sample : K2387-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0508-190410

Quant Time: Apr 16 04:34:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	380802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172552	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	176513	45.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.26%	
35) Dibromofluoromethane	5.50	113	130880	46.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.02%	
50) Toluene-d8	8.71	98	546315	48.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	186898	47.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.36%	

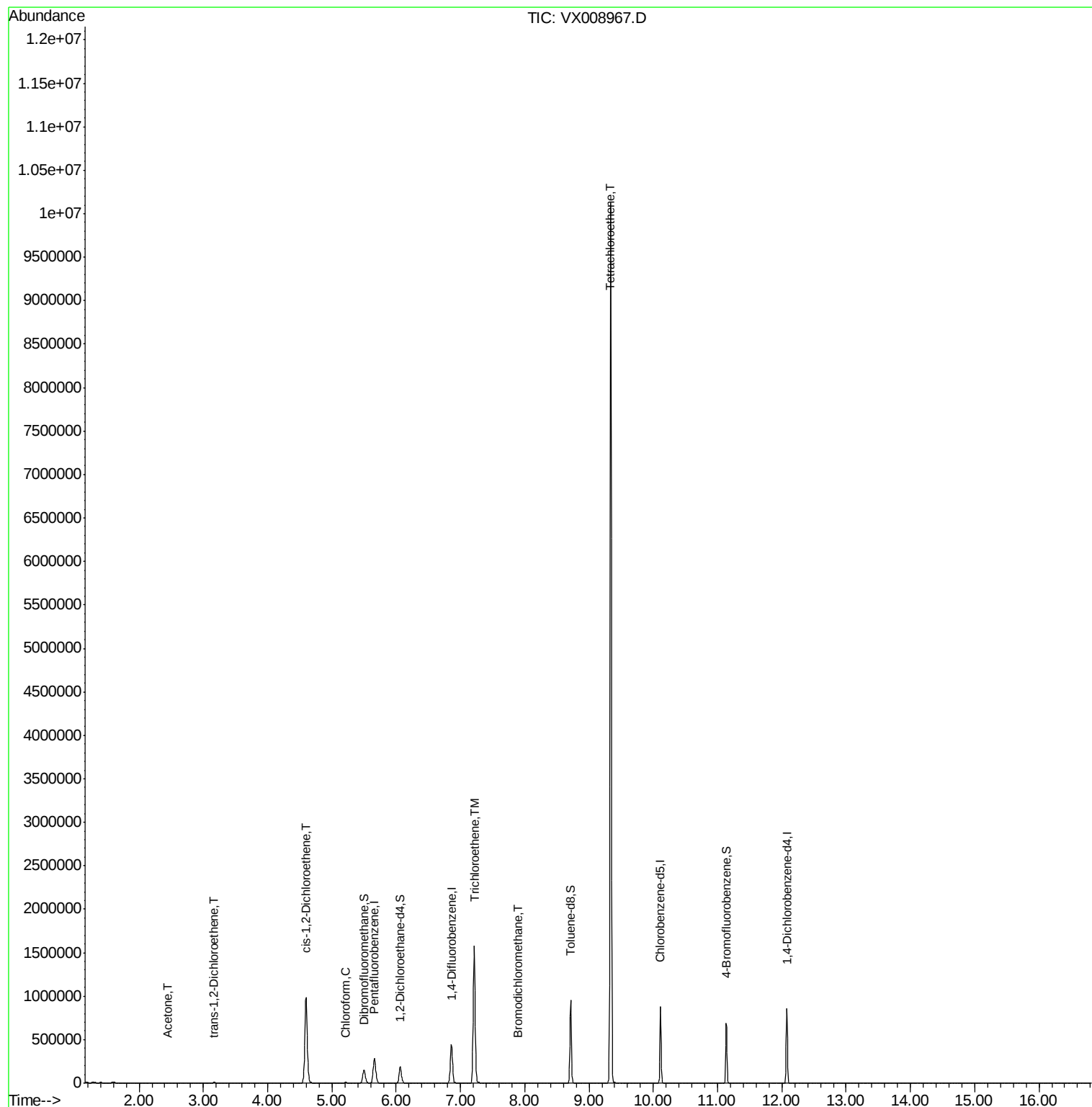
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	4386	2.186	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	2738	0.872	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	611398	171.512	ug/l	90
30) Chloroform	5.21	83	6828	1.218	ug/l	93
44) Trichloroethene	7.21	130	598105	182.461	ug/l	99
47) Bromodichloromethane	7.90	83	2494	0.589	ug/l	96
64) Tetrachloroethene	9.34	164	2042624	706.087	ug/l	98

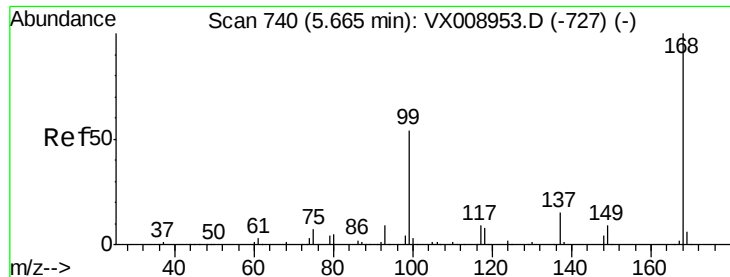
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041519\
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Quant Time: Apr 16 04:34:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 02:27:32 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: VX008967.D

Acq: 15 Apr 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

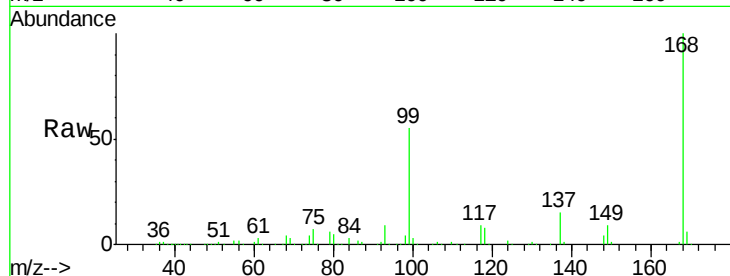
DUP-0508-190410

Tot Ion:168 Resp: 274494

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

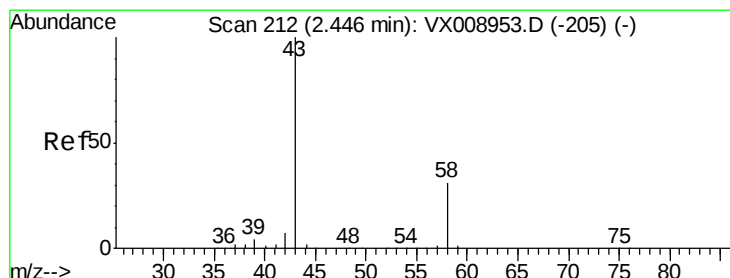
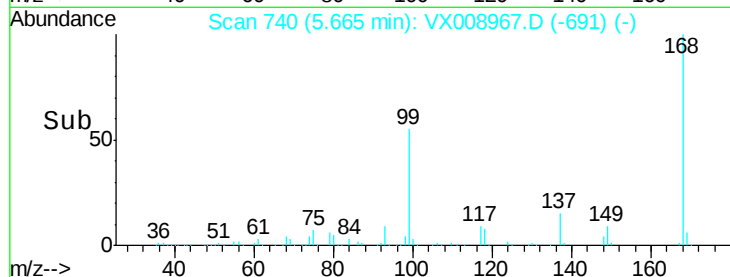
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.186 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008967.D

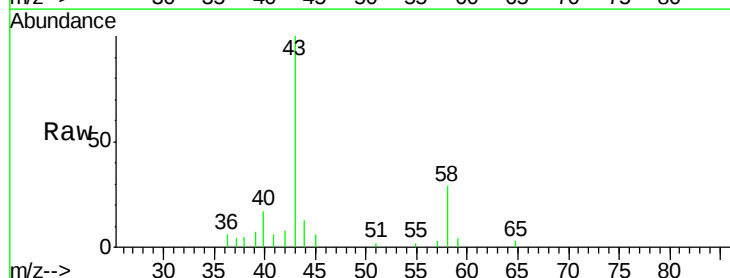
Acq: 15 Apr 2019 17:56

Tgt Ion: 43 Resp: 4386

Ion Ratio Lower Upper

43 100

58 29.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2500

2000

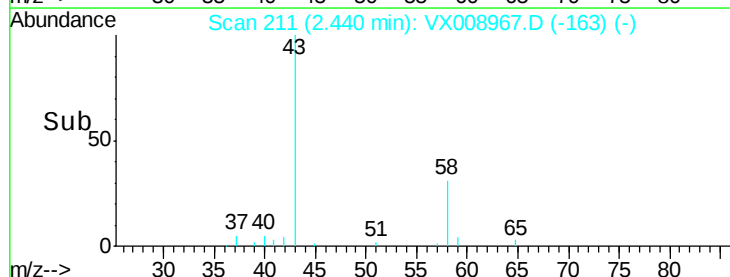
1500

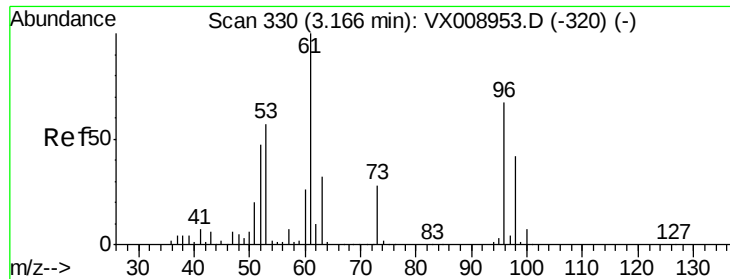
1000

500

0

Time--> 2.40 2.45 2.50

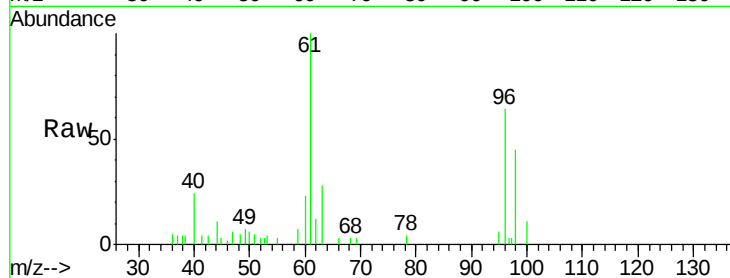




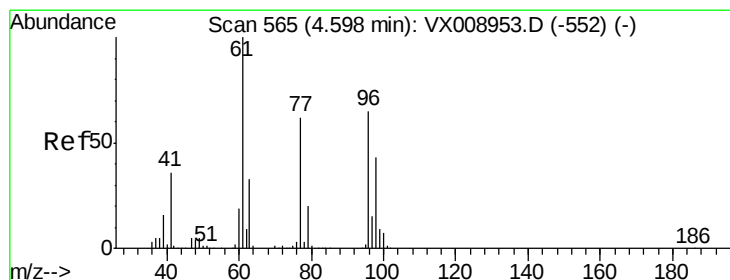
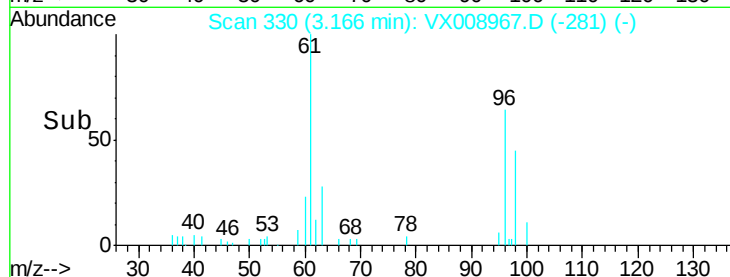
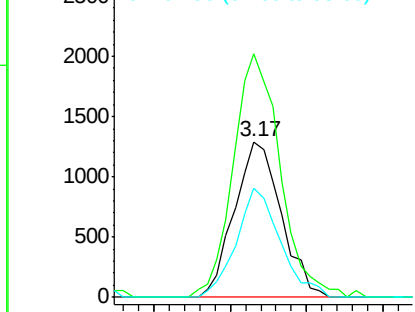
#21
trans-1,2-Dichloroethene
Concen: 0.872 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008967.D
Acq: 15 Apr 2019 17:56

Instrument :
MSVOA_X
ClientSampleId :
DUP-0508-190410

Tot Ion: 96 Resp: 2738
Ion Ratio Lower Upper
96 100
61 156.3 120.3 180.5
98 69.8 50.2 75.2

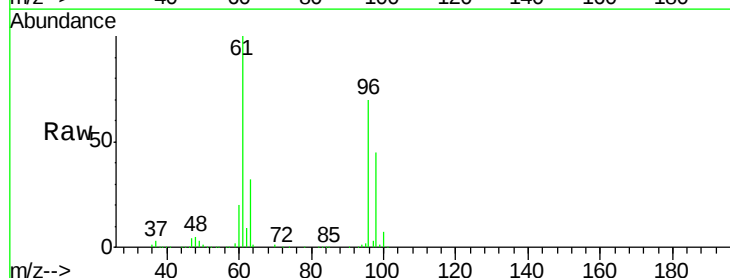


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

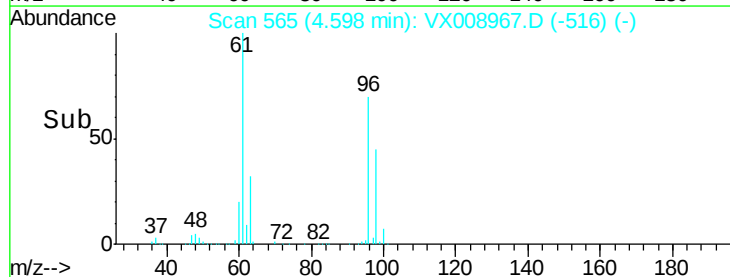
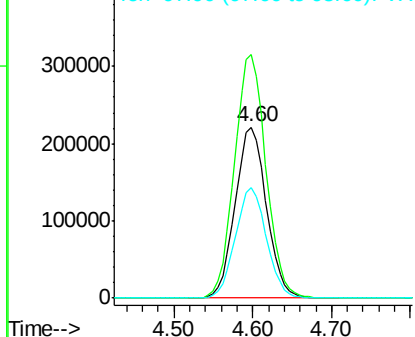


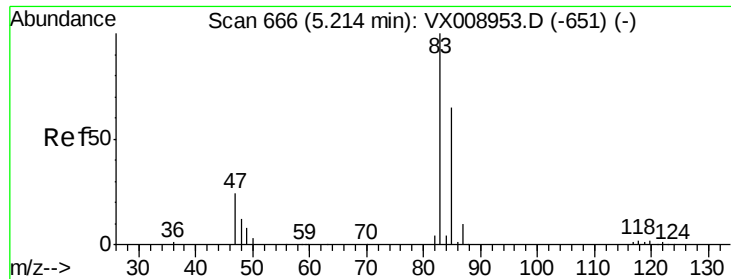
#27
cis-1,2-Dichloroethene
Concen: 171.512 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008967.D
Acq: 15 Apr 2019 17:56

Tgt Ion: 96 Resp: 611398
Ion Ratio Lower Upper
96 100
61 143.4 0.0 322.0
98 64.2 0.0 128.4



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

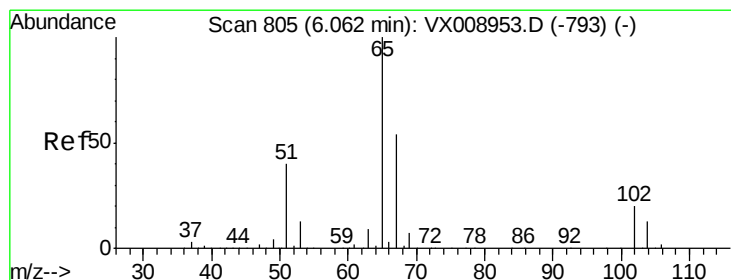
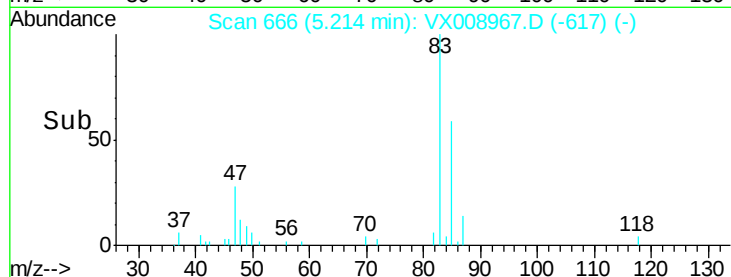
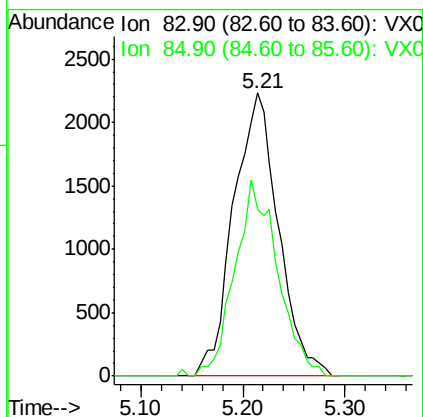
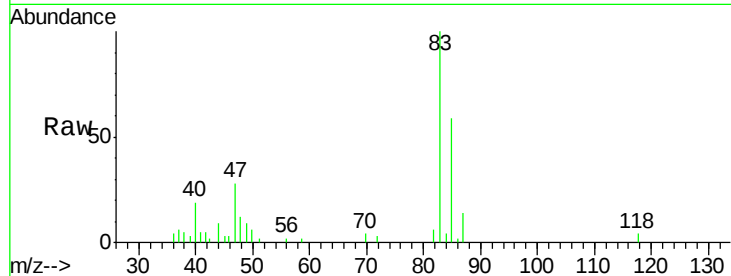




#30
Chloroform
Concen: 1.218 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008967.D
Acq: 15 Apr 2019 17:56

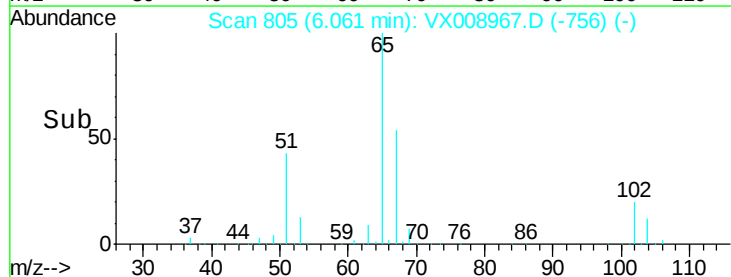
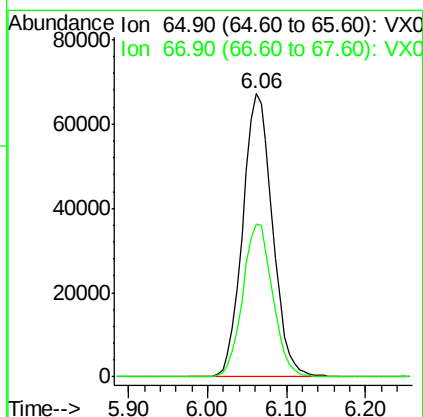
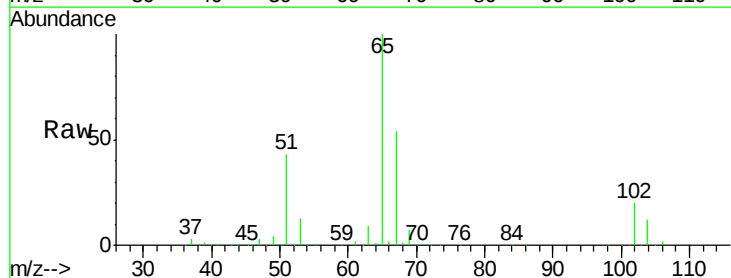
Instrument :
MSVOA_X
ClientSampleId :
DUP-0508-190410

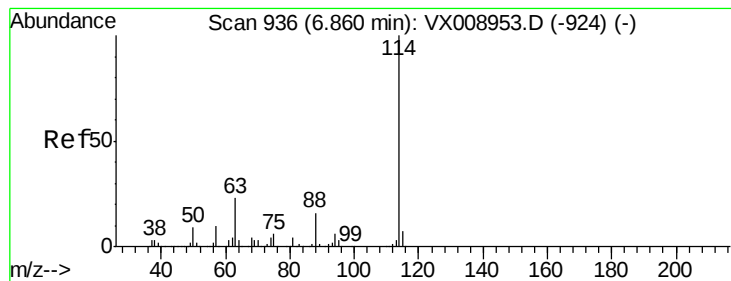
Tot Ion: 83 Resp: 6828
Ion Ratio Lower Upper
83 100
85 59.1 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 45.629 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008967.D
Acq: 15 Apr 2019 17:56

Tgt Ion: 65 Resp: 176513
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008967.D

Acq: 15 Apr 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

DUP-0508-190410

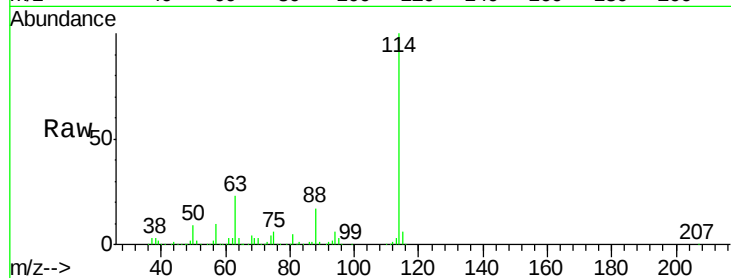
Tot Ion:114 Resp: 438493

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.0

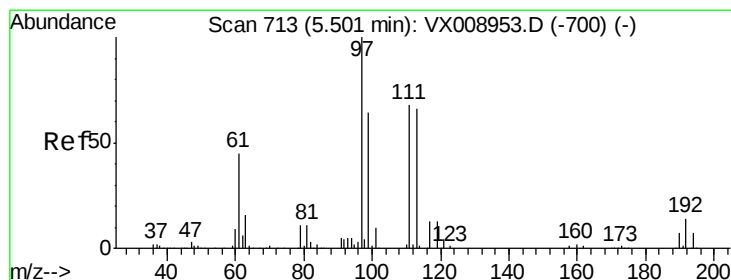
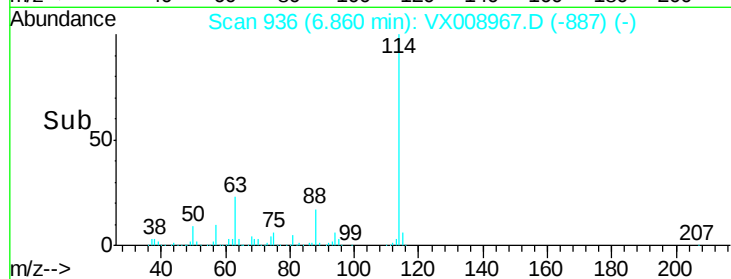
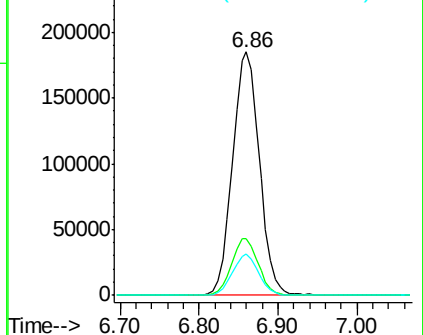
88 16.9 0.0 32.6



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: 46.508 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008967.D

Acq: 15 Apr 2019 17:56

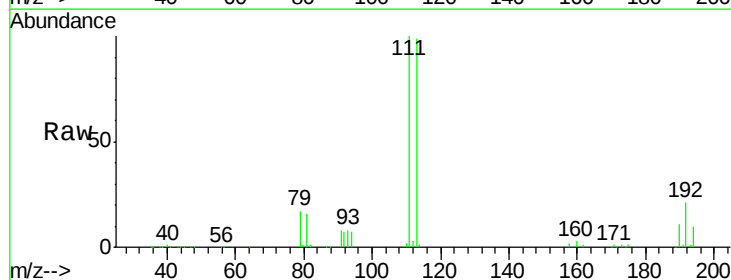
Tgt Ion:113 Resp: 130880

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

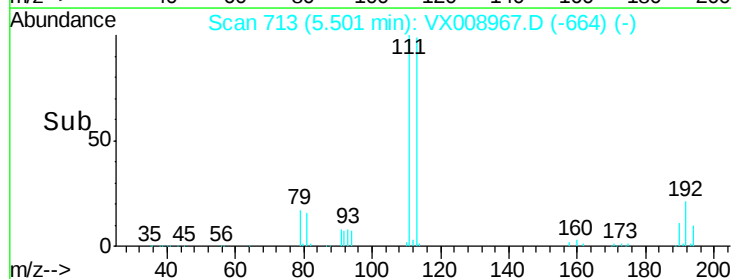
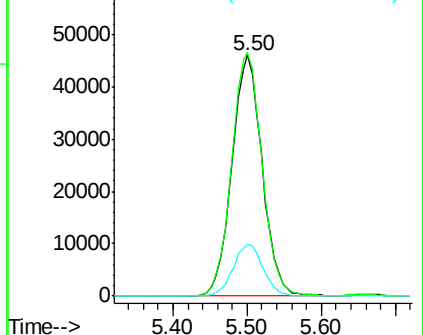
192 21.6 17.4 26.0

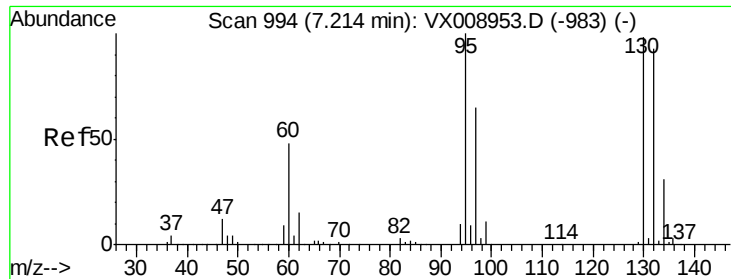


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 182.461 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008967.D

Acq: 15 Apr 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

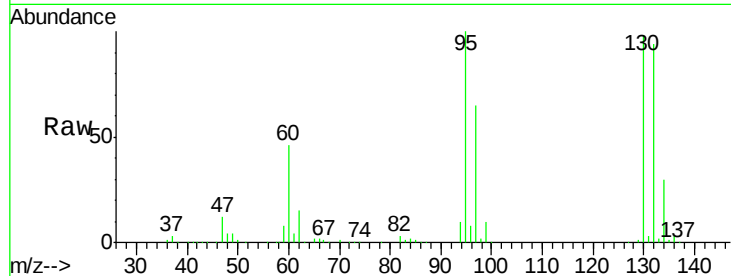
DUP-0508-190410

Tot Ion:130 Resp: 598105

Ion Ratio Lower Upper

130 100

95 102.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

300000

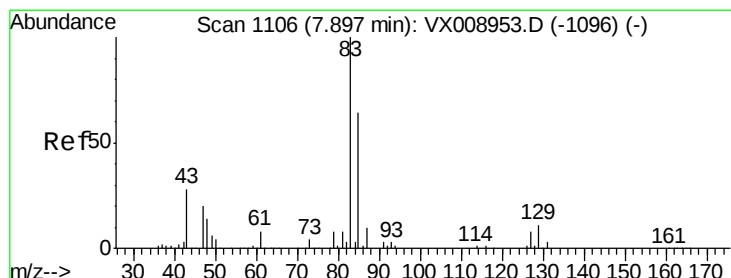
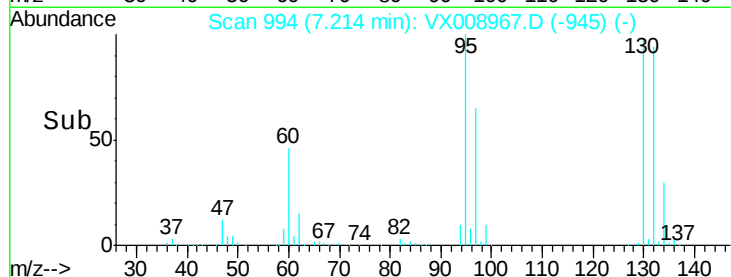
200000

100000

0

7.10 7.20 7.30 7.40

Time-->



#47

Bromodichloromethane

Concen: 0.589 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008967.D

Acq: 15 Apr 2019 17:56

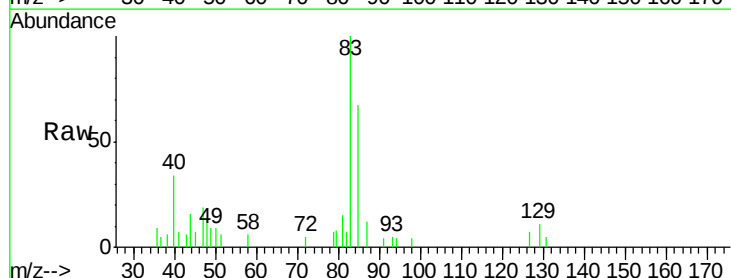
Tgt Ion: 83 Resp: 2494

Ion Ratio Lower Upper

83 100

85 66.5 50.8 76.2

127 6.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.90

1500

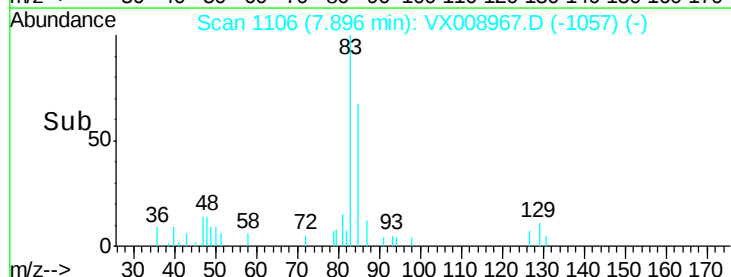
1000

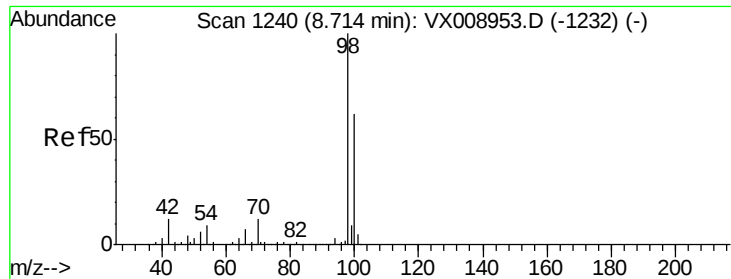
500

0

7.85 7.90 7.95

Time-->





#50

Toluene-d8

Concen: 48.678 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008967.D

Acq: 15 Apr 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

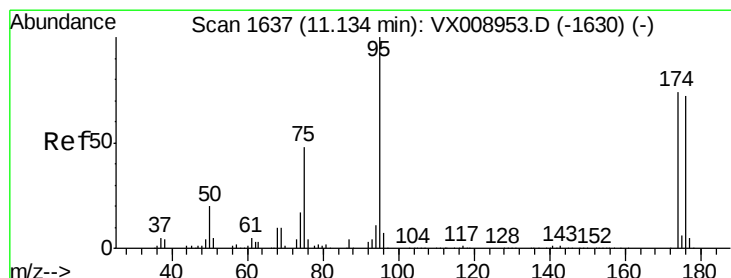
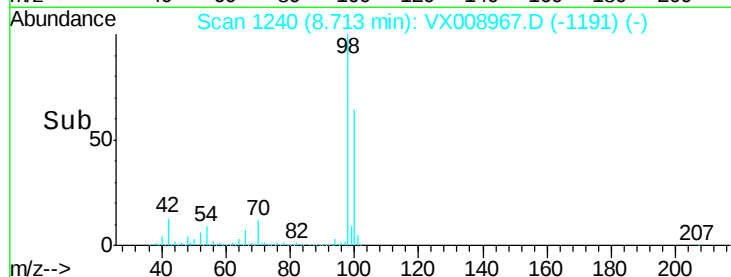
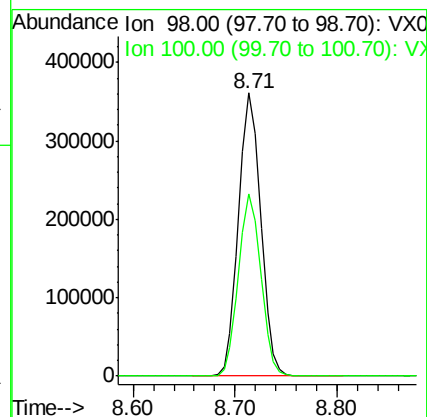
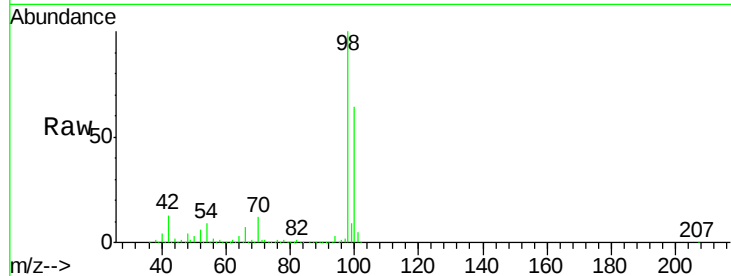
DUP-0508-190410

Tot Ion: 98 Resp: 546315

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 47.176 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008967.D

Acq: 15 Apr 2019 17:56

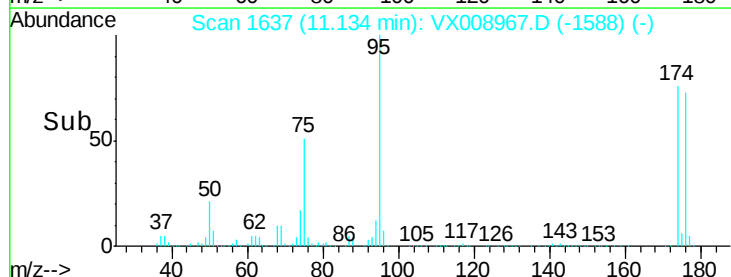
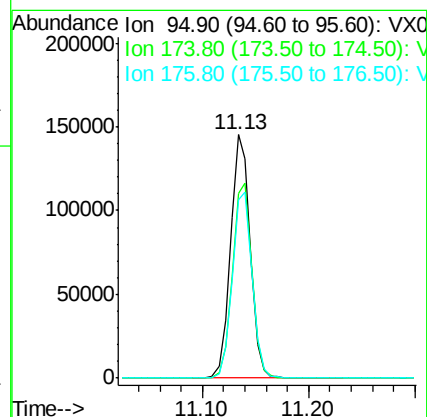
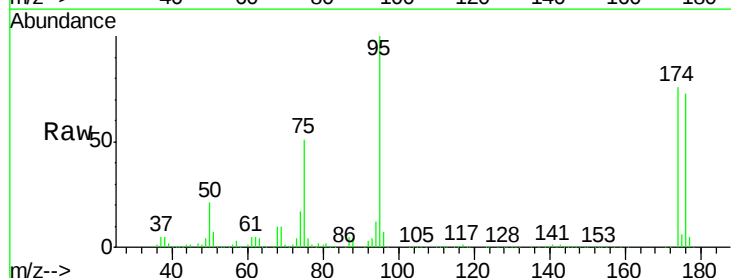
Tgt Ion: 95 Resp: 186898

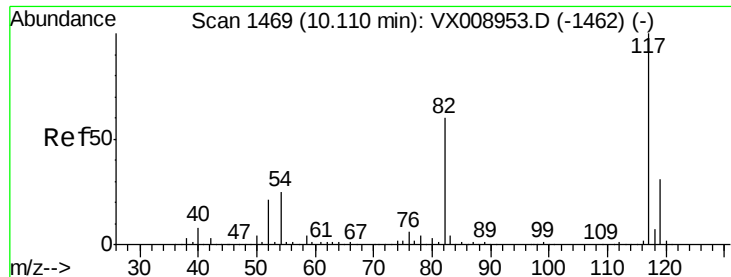
Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.6

176 77.1 0.0 154.8

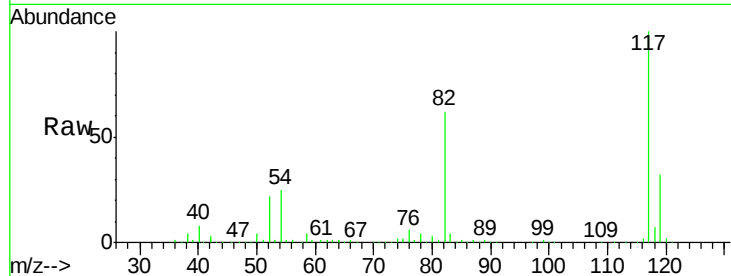




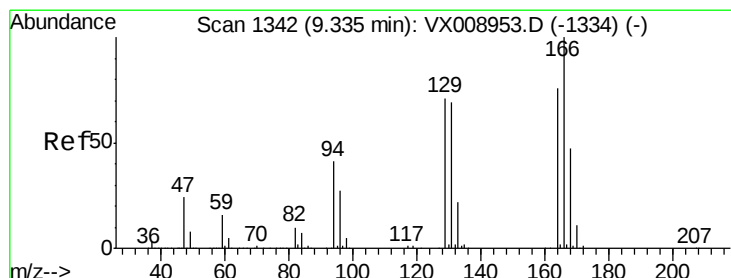
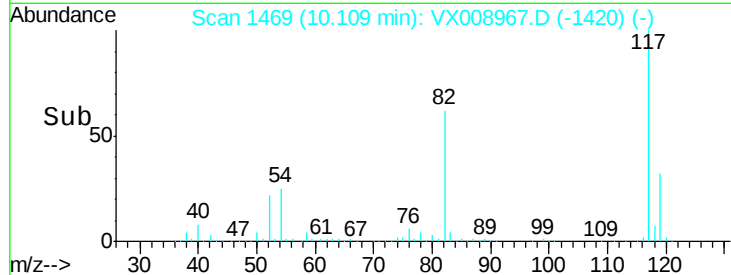
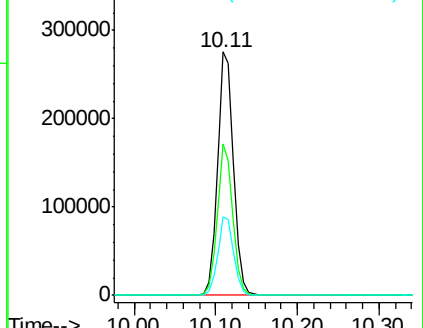
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008967.D
Acq: 15 Apr 2019 17:56

Instrument :
MSVOA_X
ClientSampleId :
DUP-0508-190410

Tot Ion:117 Resp: 380802
Ion Ratio Lower Upper
117 100
82 62.5 48.2 72.4
119 32.5 25.0 37.6

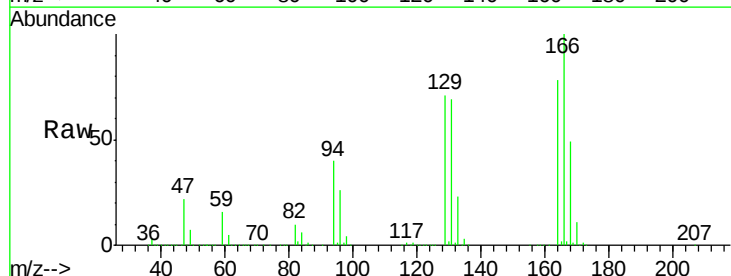


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

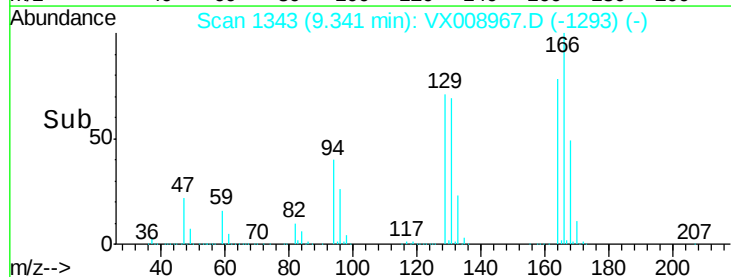
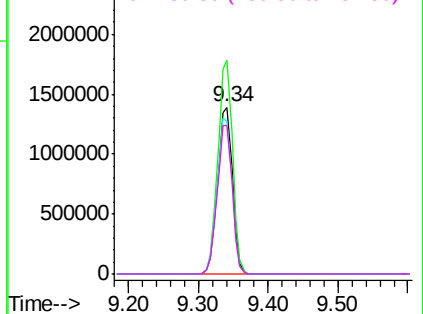


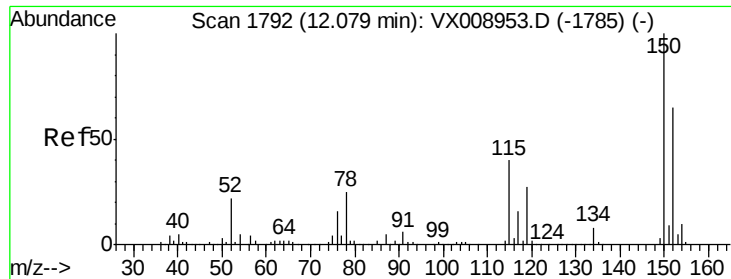
#64
Tetrachloroethene
Concen: 706.087 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX008967.D
Acq: 15 Apr 2019 17:56

Tgt Ion:164 Resp: 2042624
Ion Ratio Lower Upper
164 100
166 128.1 105.0 157.4
129 91.5 74.2 111.4
131 88.9 72.2 108.2



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

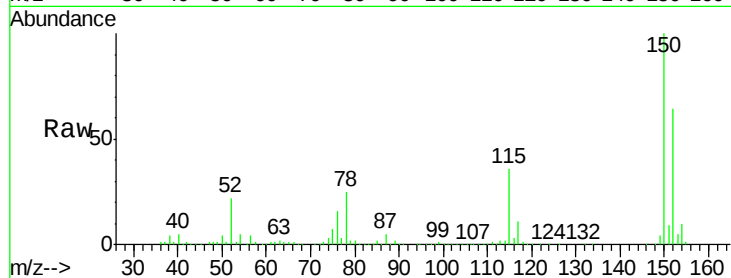




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008967.D
 Acq: 15 Apr 2019 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0508-190410

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.4	124.2
150	156.2	0.0	349.8



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

