

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008981.D
 Acq On : 16 Apr 2019 12:45
 Operator : JC/SP
 Sample : K2387-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0508-190410DL

Quant Time: Apr 17 05:19:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

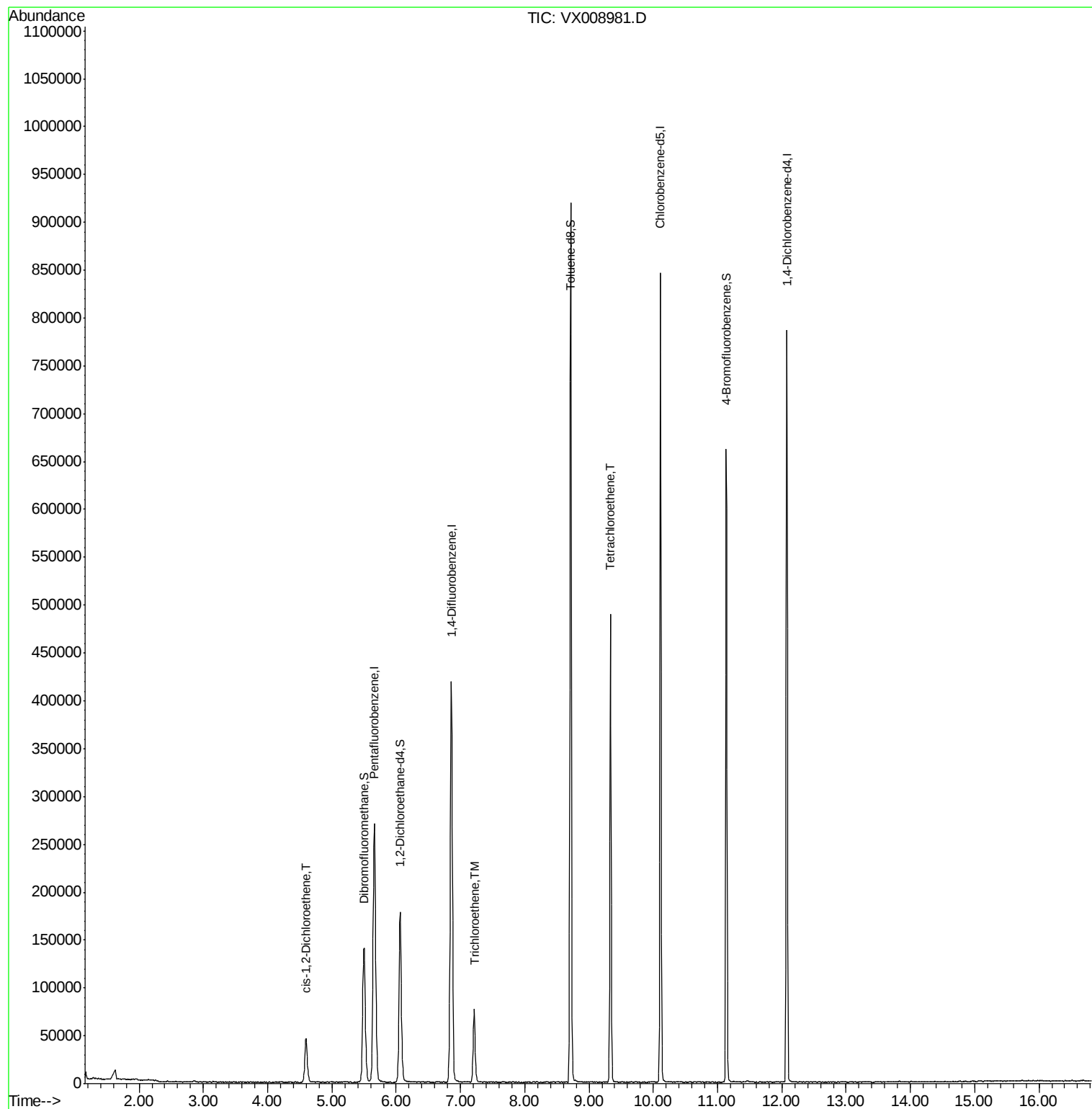
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	413332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168419	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
35) Dibromofluoromethane	5.49	113	122264	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
50) Toluene-d8	8.71	98	521584	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	179116	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	28646	8.455	ug/l	90
44) Trichloroethene	7.21	130	29135	9.429	ug/l	99
64) Tetrachloroethene	9.34	164	94434	34.017	ug/l	99

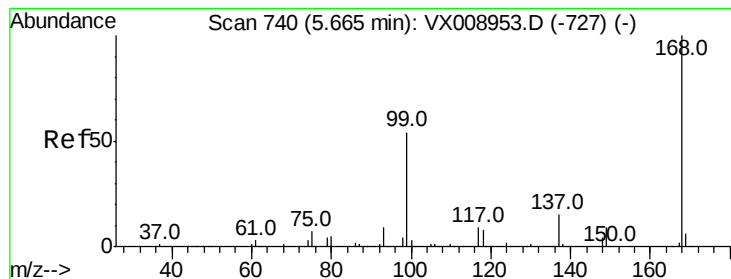
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008981.D

Acq: 16 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

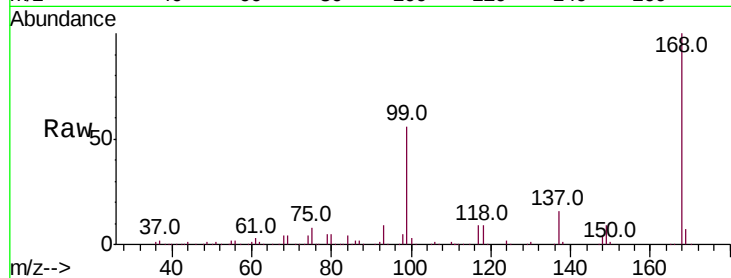
DUP-0508-190410DL

Tot Ion:168 Resp: 260888

Ion Ratio Lower Upper

168 100

99 56.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

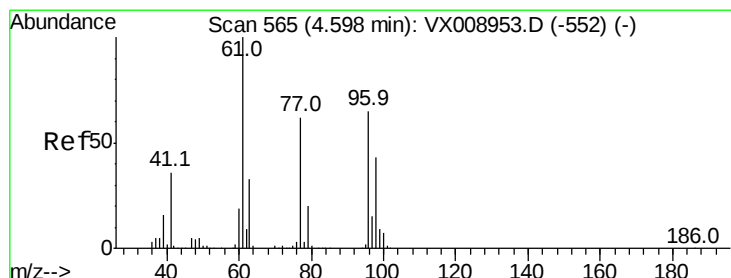
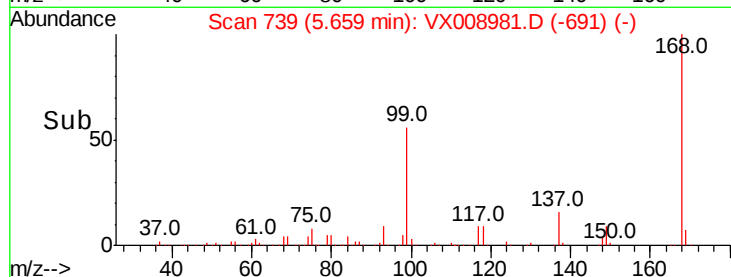
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 8.455 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008981.D

Acq: 16 Apr 2019 12:45

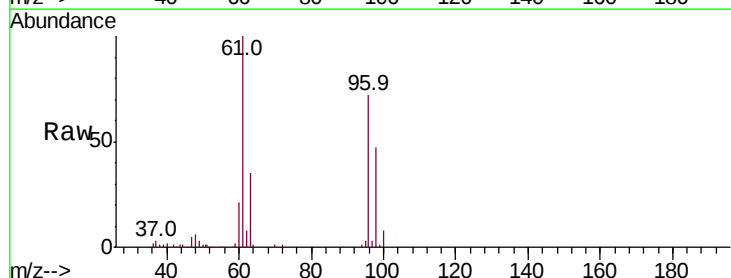
Tgt Ion: 96 Resp: 28646

Ion Ratio Lower Upper

96 100

61 142.7 0.0 322.0

98 65.3 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

20000

15000

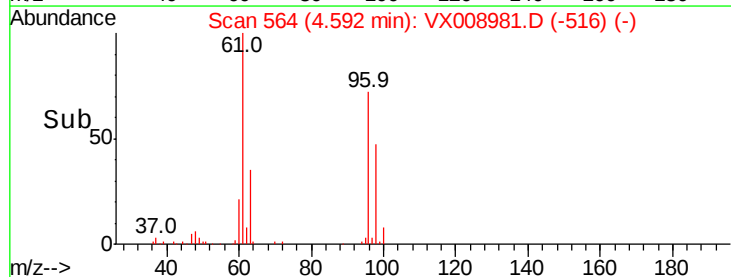
10000

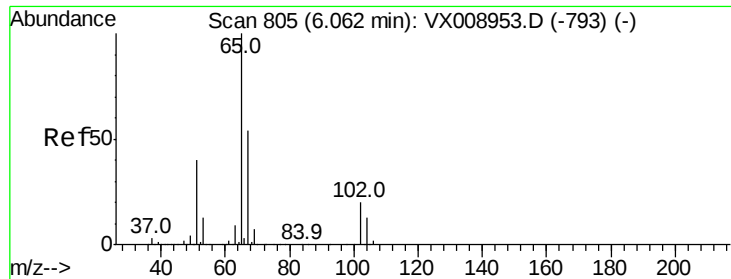
5000

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 45.808 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008981.D

Acq: 16 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

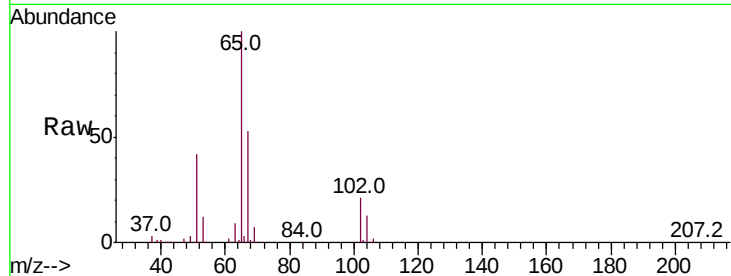
DUP-0508-190410DL

Tot Ion: 65 Resp: 168419

Ion Ratio Lower Upper

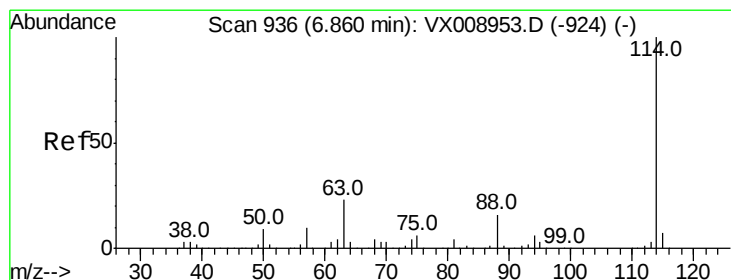
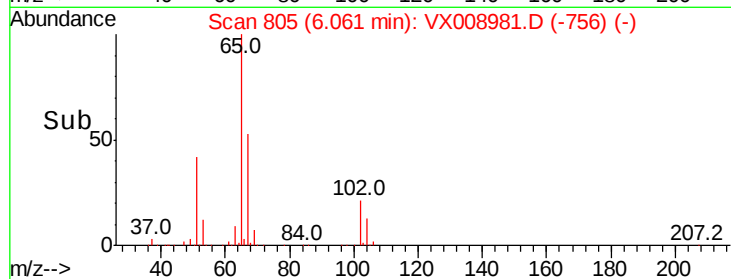
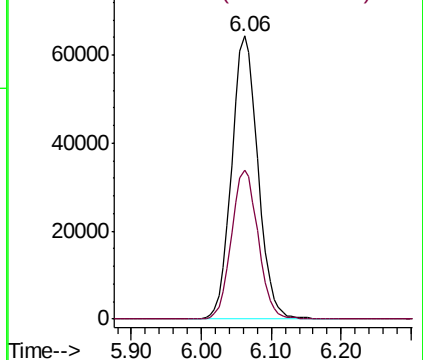
65 100

67 53.4 0.0 108.6



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: VX008981.D

Acq: 16 Apr 2019 12:45

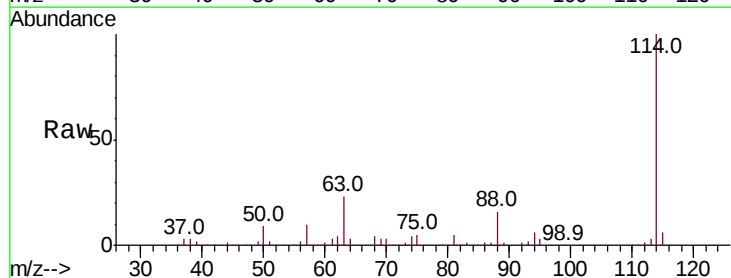
Tgt Ion: 114 Resp: 413332

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.0

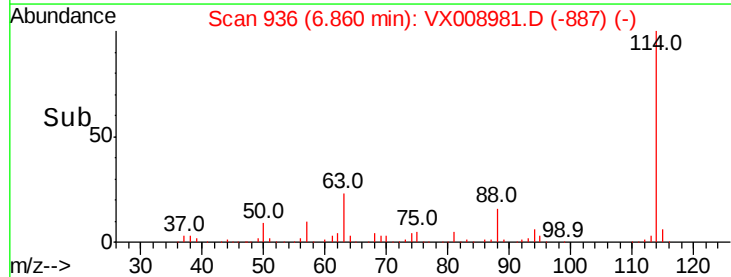
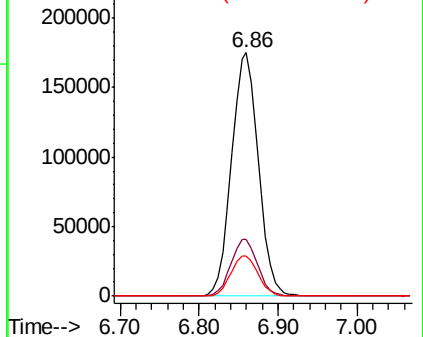
88 16.4 0.0 32.6

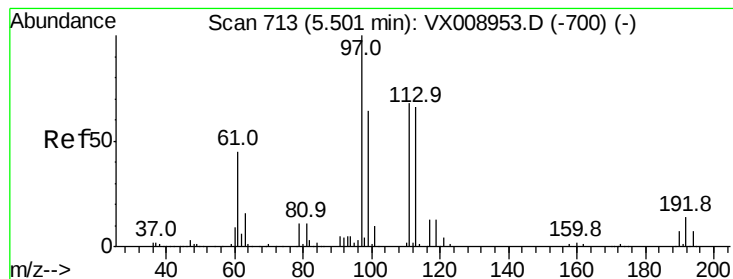


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.091 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008981.D

Acq: 16 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

DUP-0508-190410DL

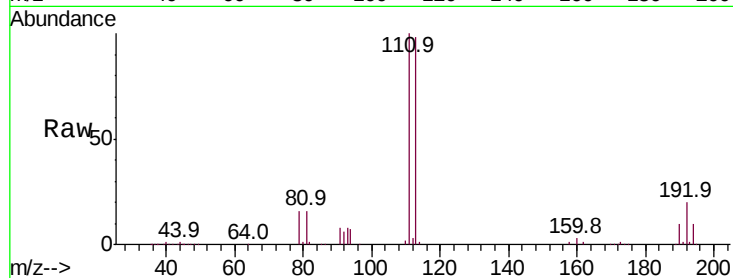
Tot Ion:113 Resp: 122264

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

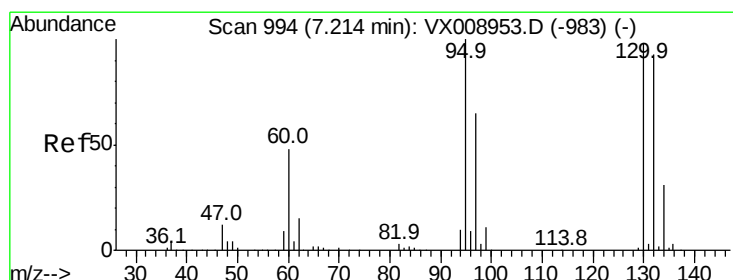
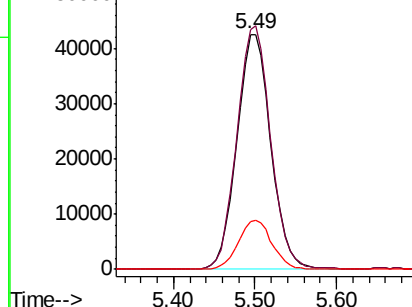
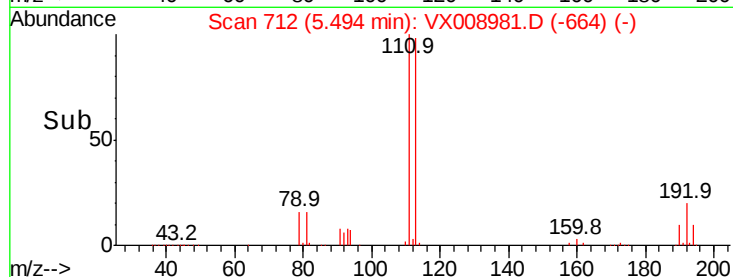
192 21.0 17.4 26.0



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: 9.429 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008981.D

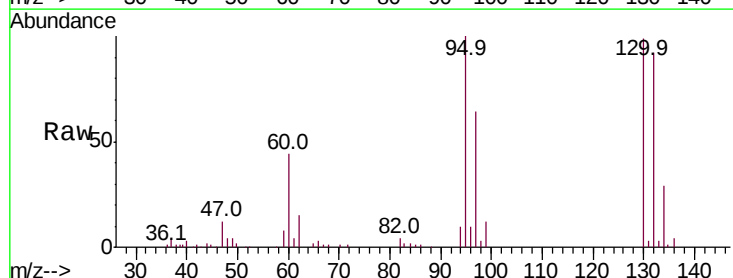
Acq: 16 Apr 2019 12:45

Tgt Ion:130 Resp: 29135

Ion Ratio Lower Upper

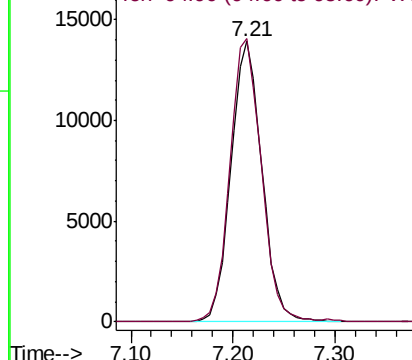
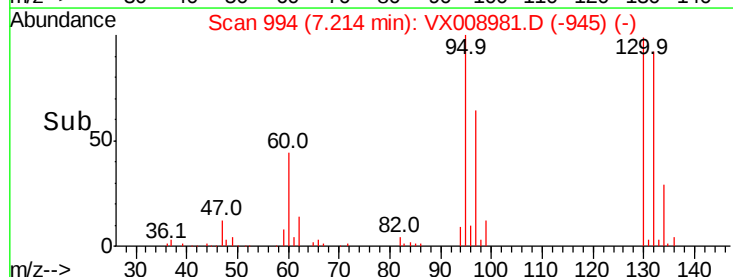
130 100

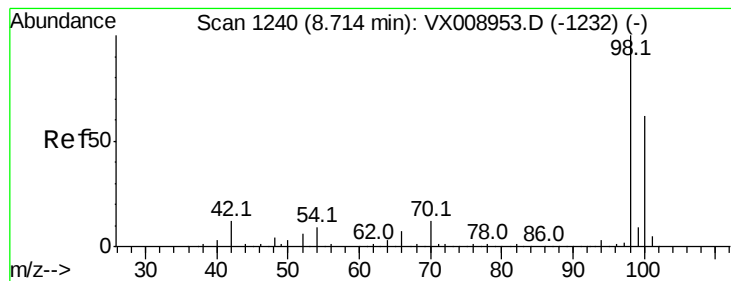
95 101.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.304 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008981.D

Acq: 16 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

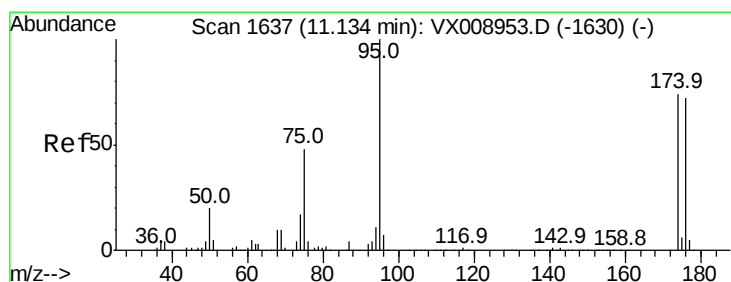
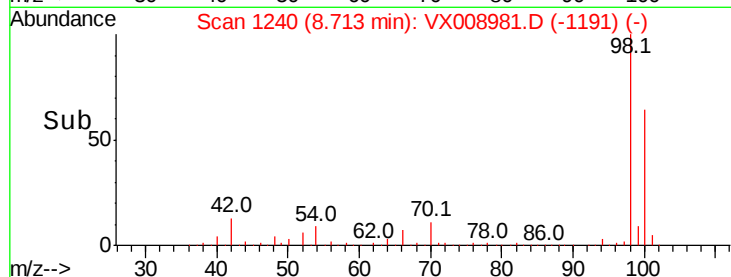
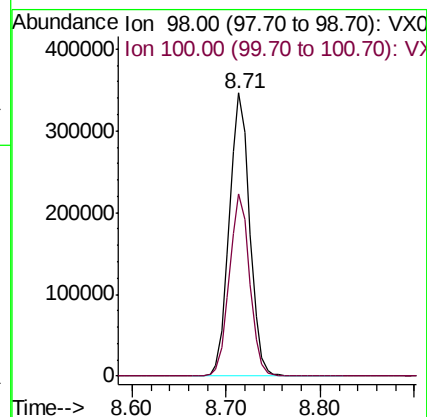
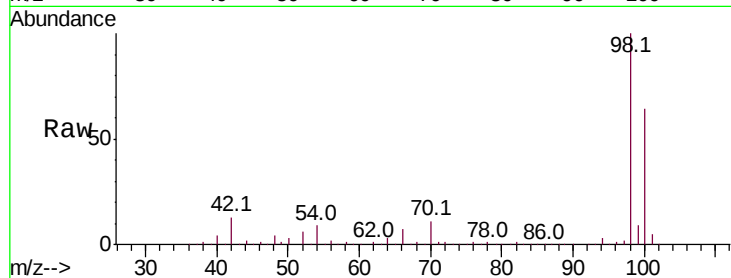
DUP-0508-190410DL

Tot Ion: 98 Resp: 521584

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 47.964 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008981.D

Acq: 16 Apr 2019 12:45

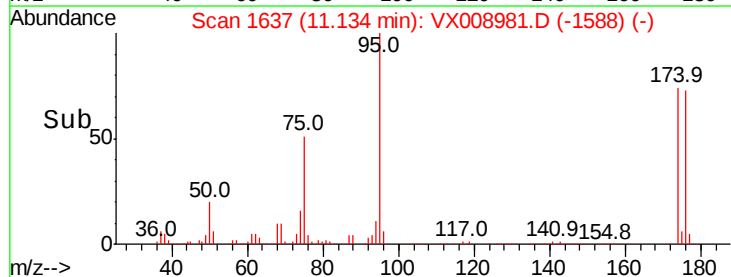
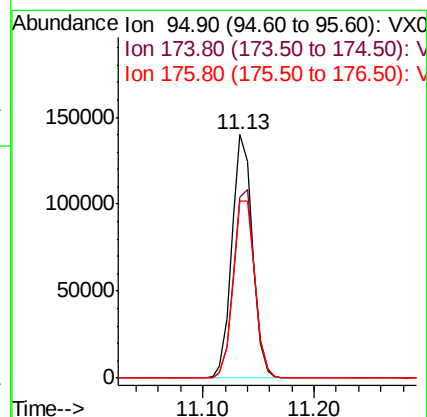
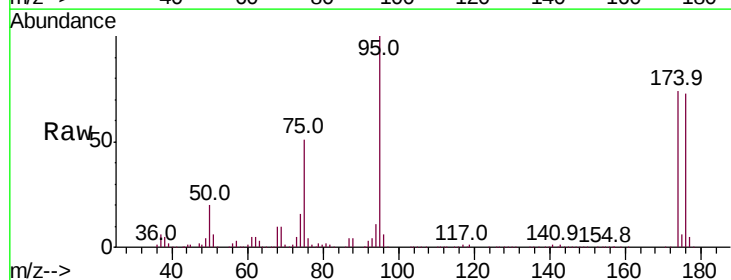
Tgt Ion: 95 Resp: 179116

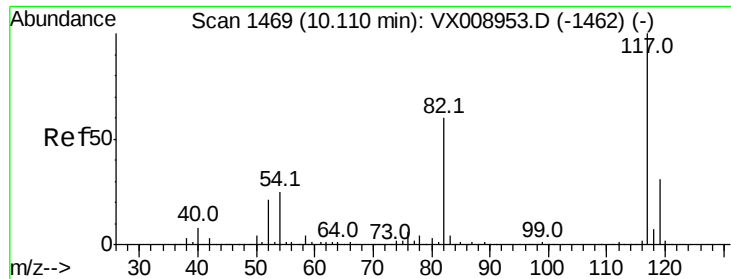
Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.6

176 76.6 0.0 154.8

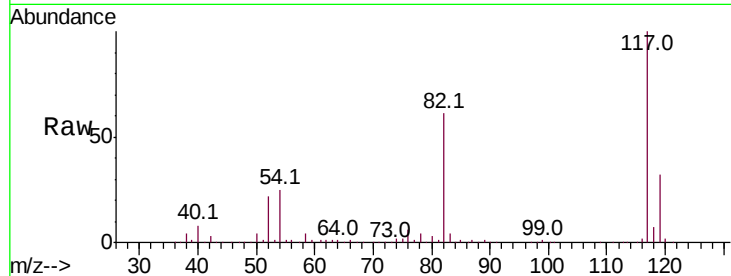




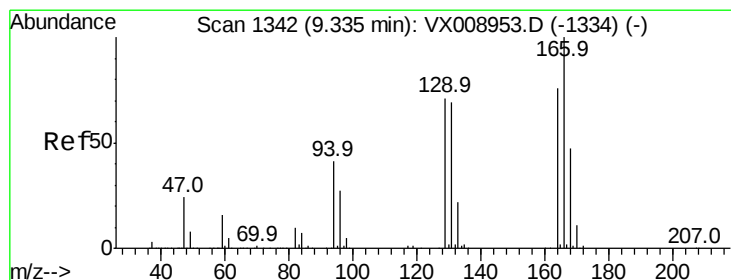
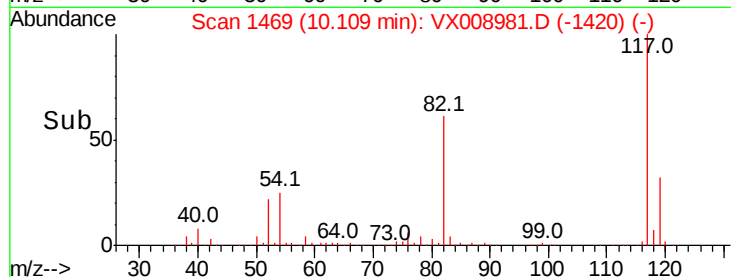
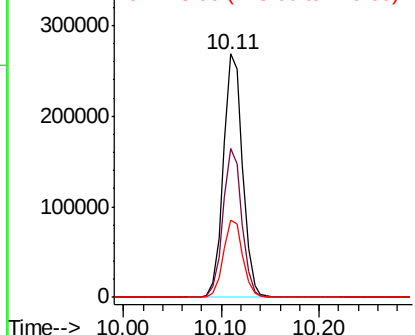
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008981.D
Acq: 16 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
DUP-0508-190410DL

Tot Ion:117 Resp: 365431
Ion Ratio Lower Upper
117 100
82 61.1 48.2 72.4
119 31.9 25.0 37.6

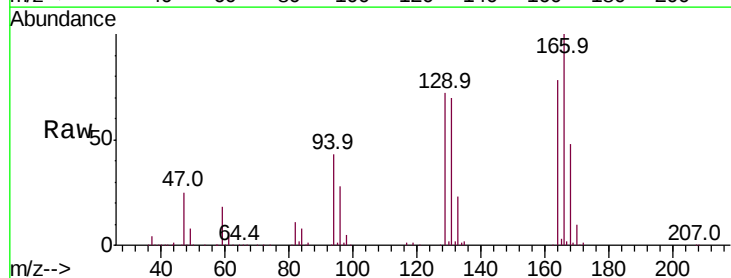


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

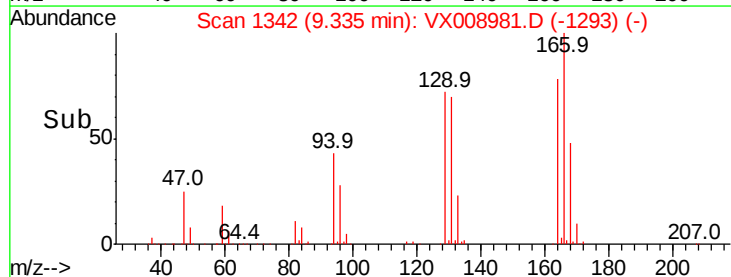
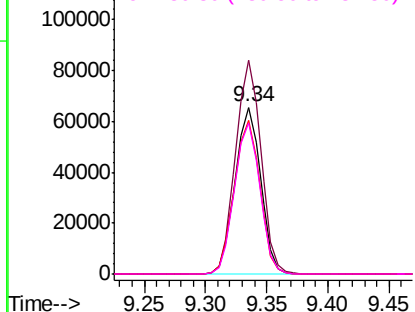


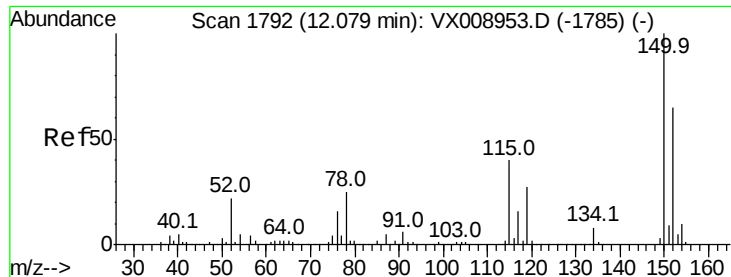
#64
Tetrachloroethene
Concen: 34.017 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008981.D
Acq: 16 Apr 2019 12:45

Tgt Ion:164 Resp: 94434
Ion Ratio Lower Upper
164 100
166 128.2 105.0 157.4
129 92.4 74.2 111.4
131 90.3 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: VX008981.D
 Acq: 16 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0508-190410DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.4	124.2
150	156.8	0.0	349.8

