

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009549.D
 Acq On : 13 May 2019 17:28
 Operator : JC/SP
 Sample : K2840-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KR-04 9-19

Quant Time: May 14 04:49:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

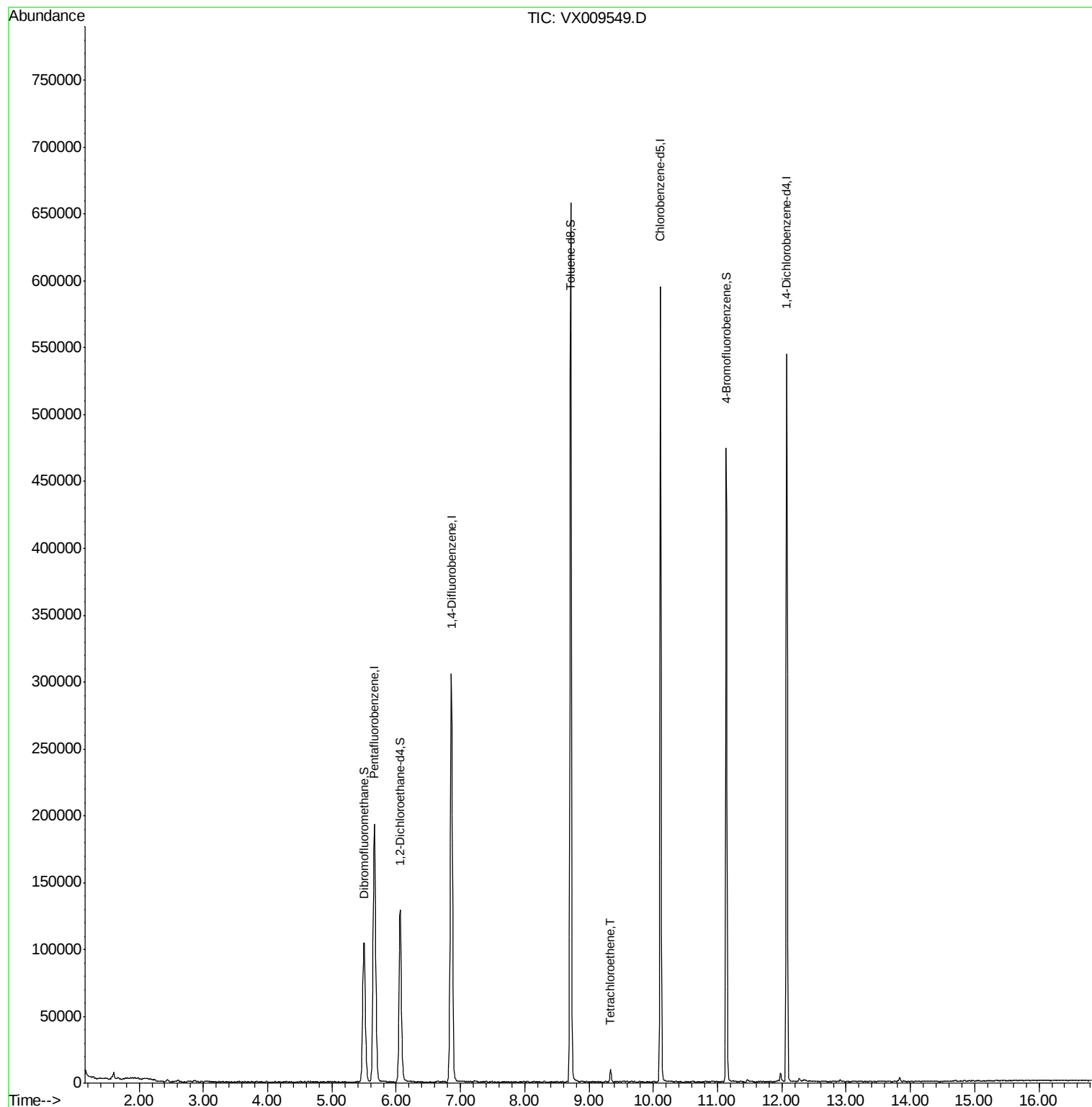
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300646	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123076	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	5.49	113	91199	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	374687	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	124647	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
Target Compounds						
64) Tetrachloroethene	9.34	164	1910	1.061	ug/l #	82

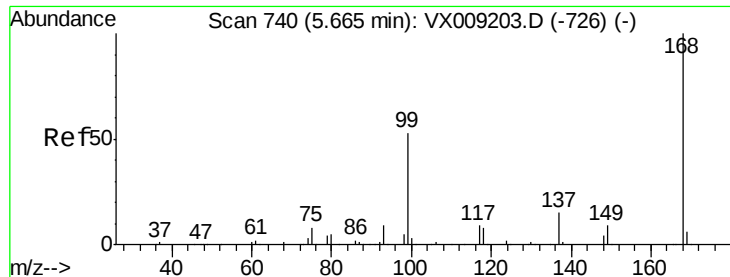
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009549.D

Acq: 13 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

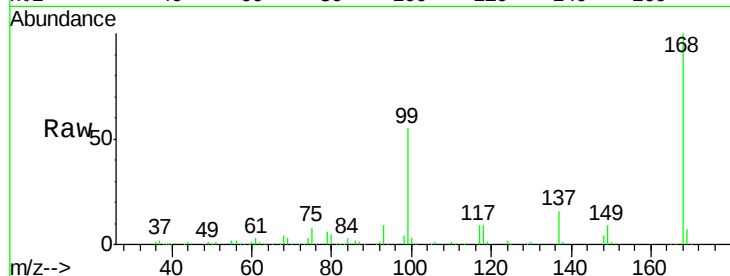
KR-04_9-19

Tot Ion:168 Resp: 188490

Ion Ratio Lower Upper

168 100

99 55.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

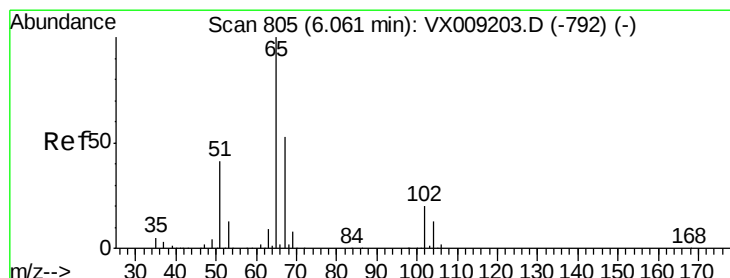
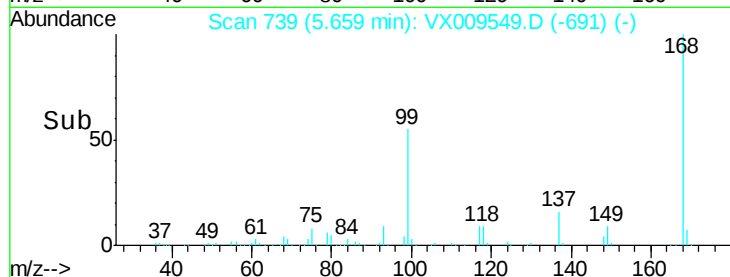
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.832 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009549.D

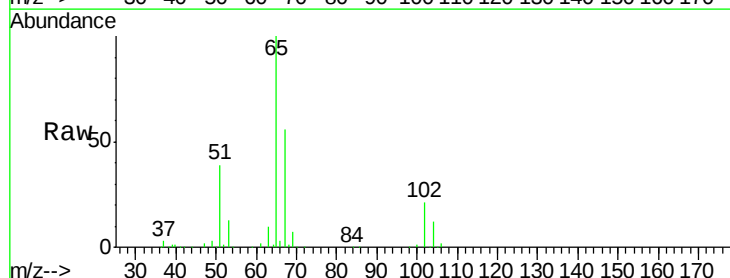
Acq: 13 May 2019 17:28

Tgt Ion: 65 Resp: 123076

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

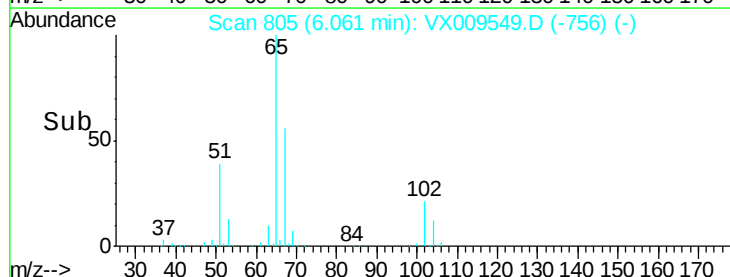
20000

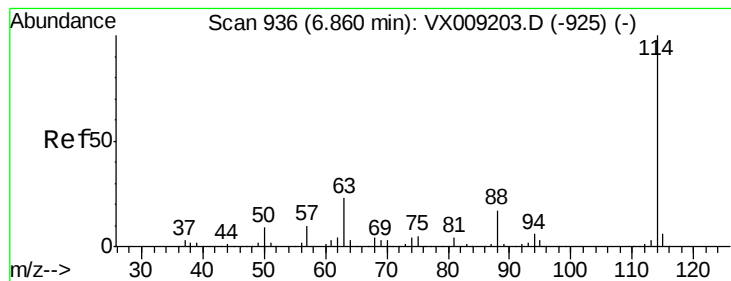
10000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009549.D

Acq: 13 May 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

KR-04_9-19

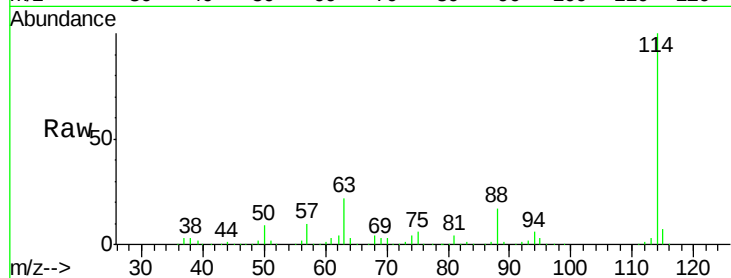
Tot Ion:114 Resp: 300646

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

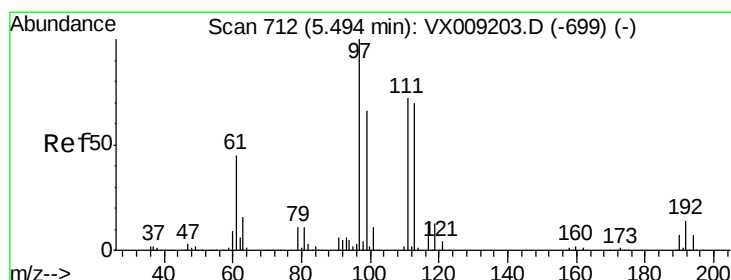
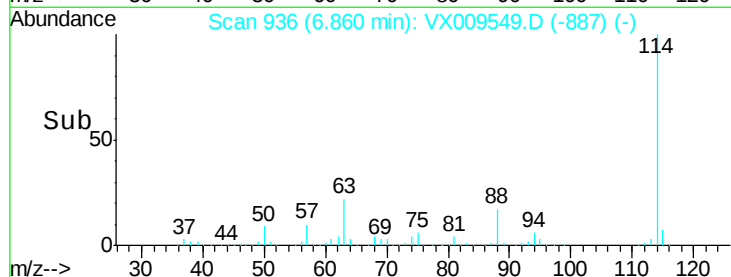
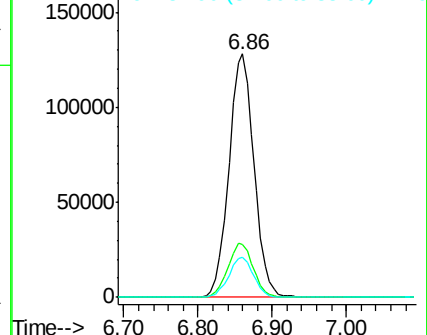
88 16.7 0.0 33.2



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: 48.254 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009549.D

Acq: 13 May 2019 17:28

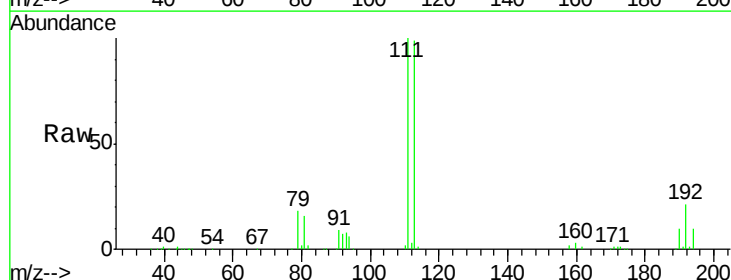
Tgt Ion:113 Resp: 91199

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

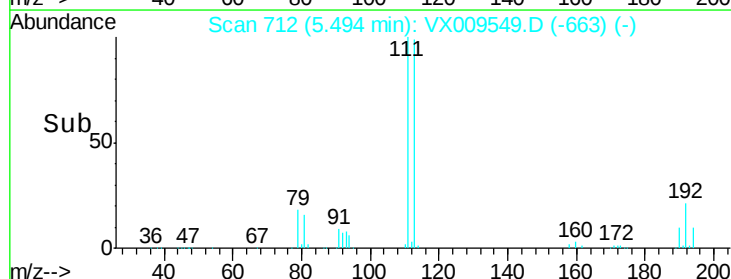
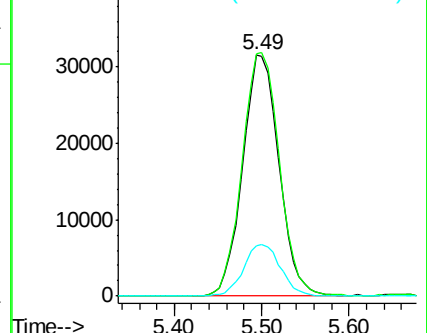
192 21.8 17.0 25.6

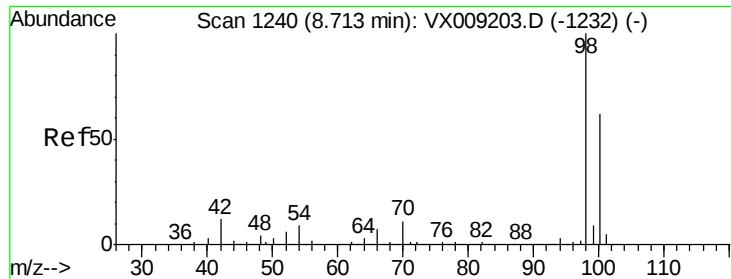


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

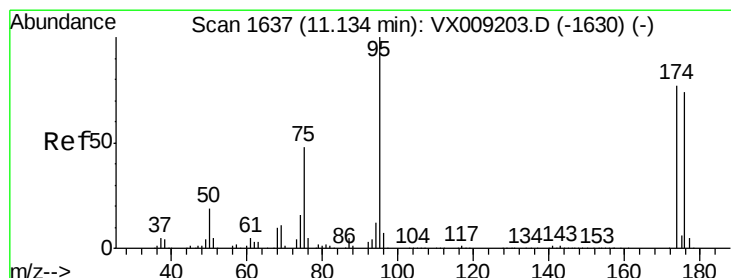
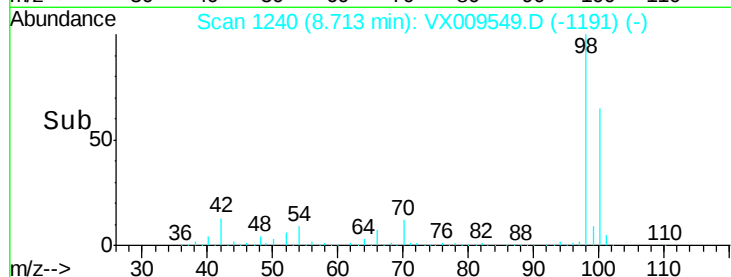
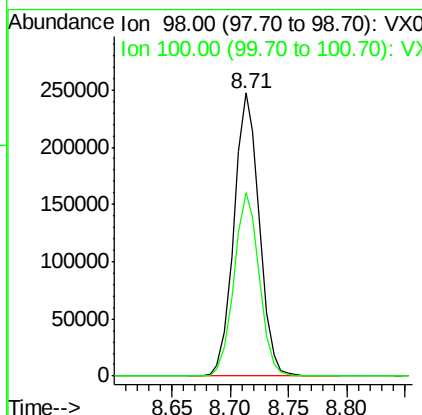
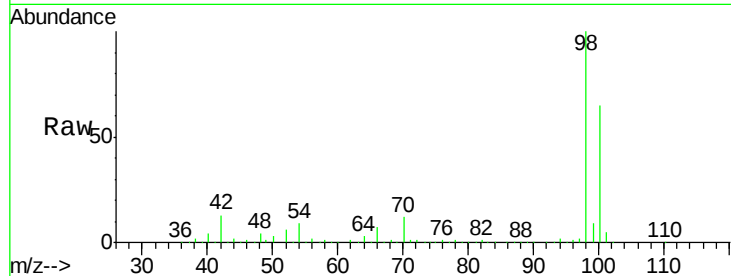




#50
Toluene-d8
Concen: 49.105 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009549.D
Acq: 13 May 2019 17:28

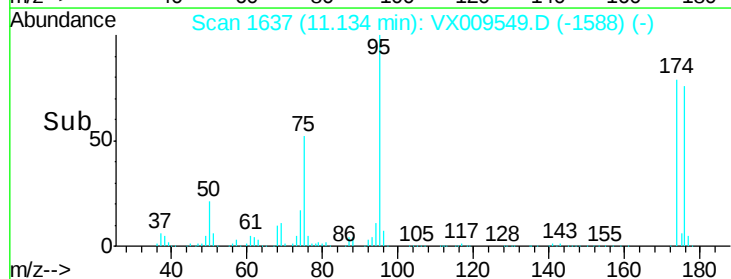
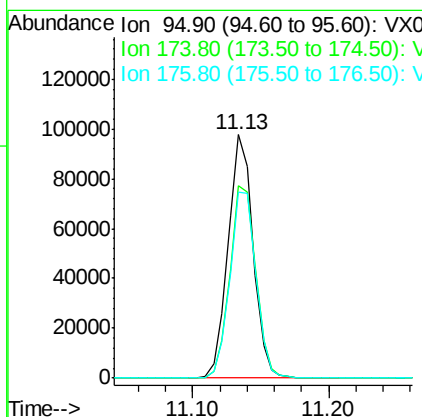
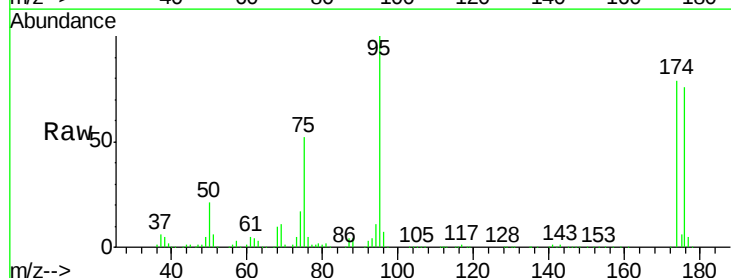
Instrument :
MSVOA_X
ClientSampled :
KR-04 9-19

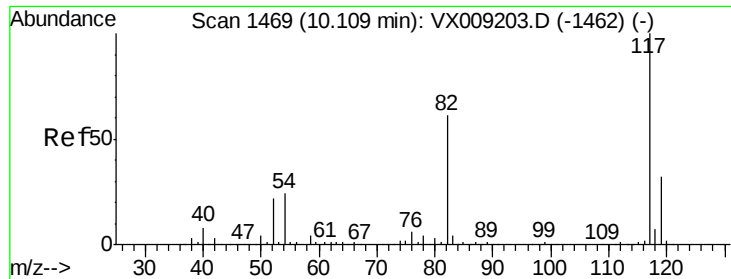
Tot Ion: 98 Resp: 374687
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.957 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009549.D
Acq: 13 May 2019 17:28

Tgt Ion: 95 Resp: 124647
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.6
176 80.4 0.0 159.2

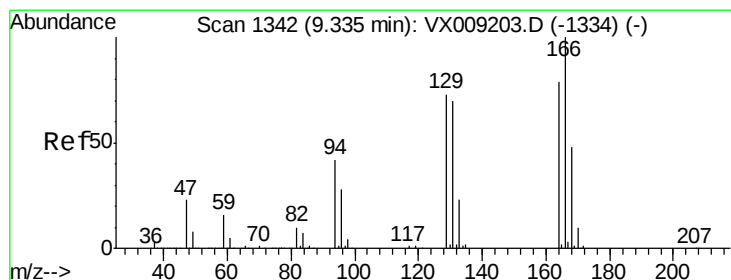
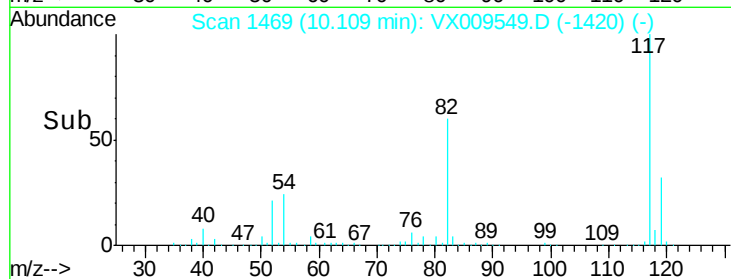
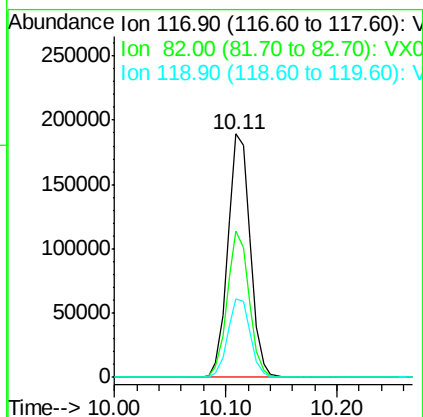
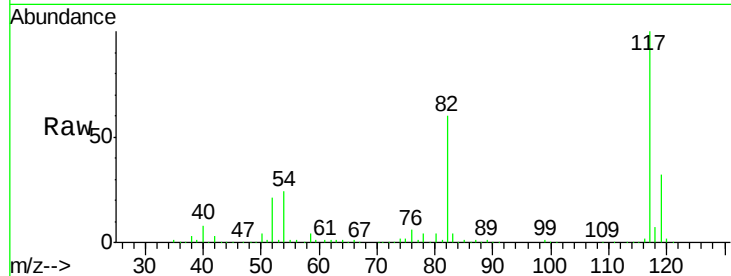




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009549.D
Acq: 13 May 2019 17:28

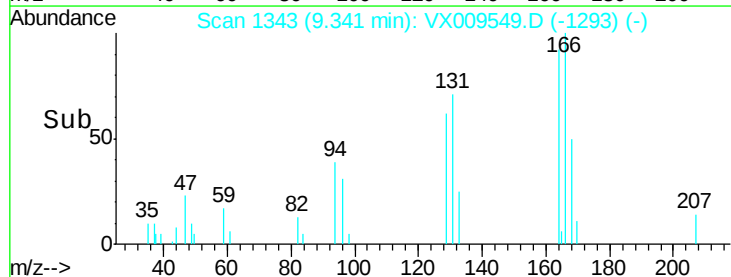
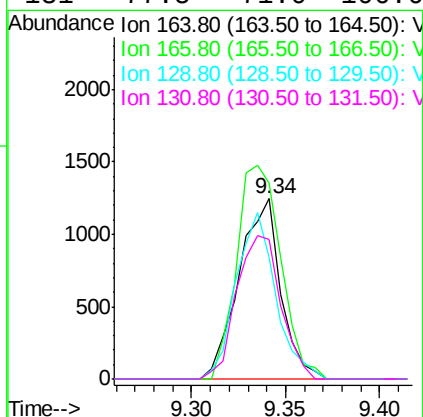
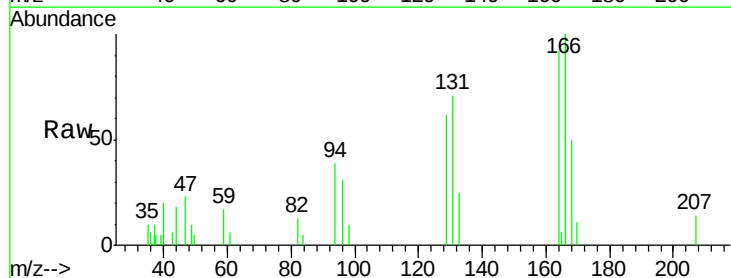
Instrument :
MSVOA_X
ClientSampled :
KR-04 9-19

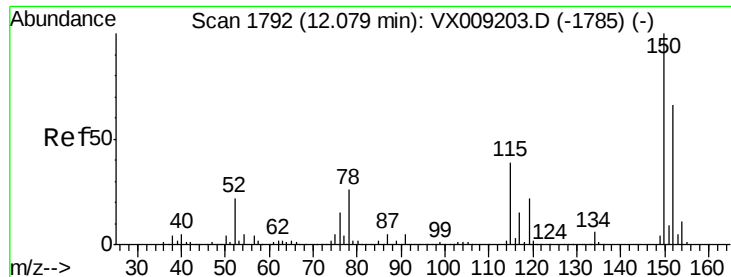
Tot Ion:117 Resp: 262473
Ion Ratio Lower Upper
117 100
82 60.2 48.8 73.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 1.061 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX009549.D
Acq: 13 May 2019 17:28

Tgt Ion:164 Resp: 1910
Ion Ratio Lower Upper
164 100
166 108.8 101.2 151.8
129 67.5 74.3 111.5#
131 77.5 71.0 106.6

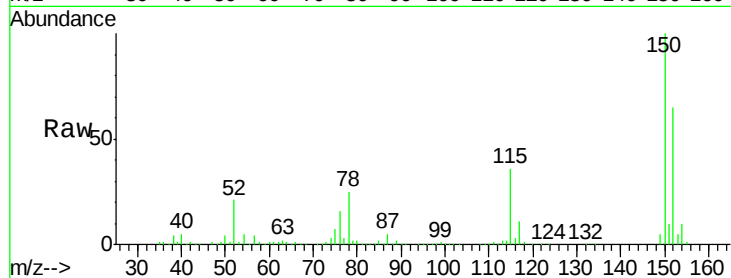




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009549.D
 Acq: 13 May 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KR-04_9-19

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	41.2	123.6
150	156.3	0.0	346.4



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

