

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009499.D
 Acq On : 10 May 2019 22:23
 Operator : JC/SP
 Sample : K2783-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0522-190508

Quant Time: May 11 04:12:52 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

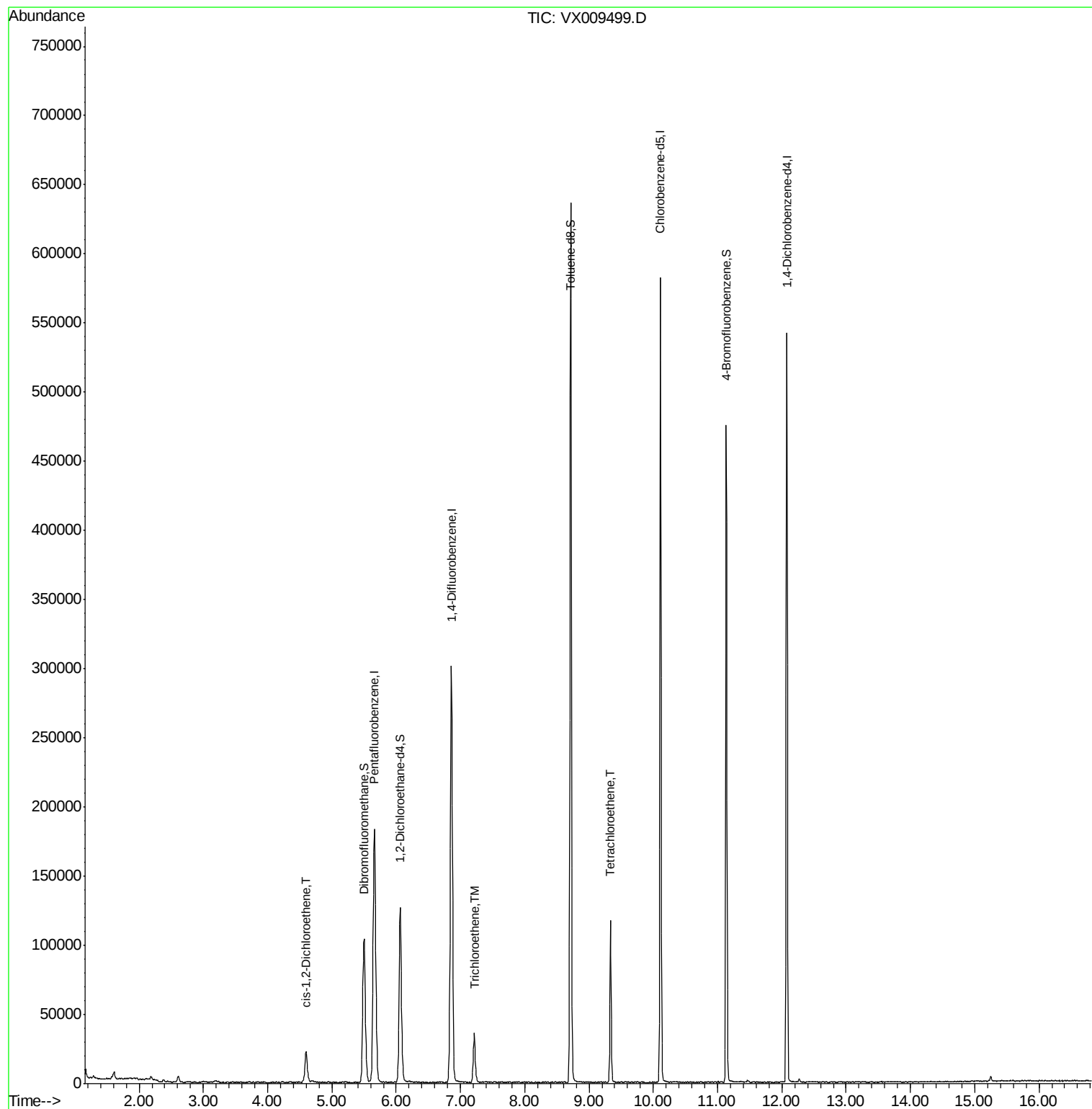
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	183079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119749	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
35) Dibromofluoromethane	5.50	113	88592	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	8.71	98	365209	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.13	95	120652	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	13801	6.206	ug/l	88
44) Trichloroethene	7.21	130	12782	6.265	ug/l	98
64) Tetrachloroethene	9.34	164	22290	12.655	ug/l	98

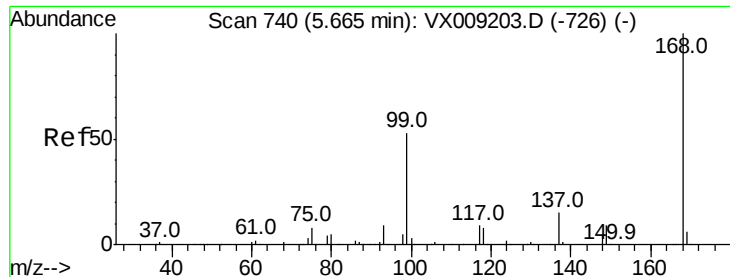
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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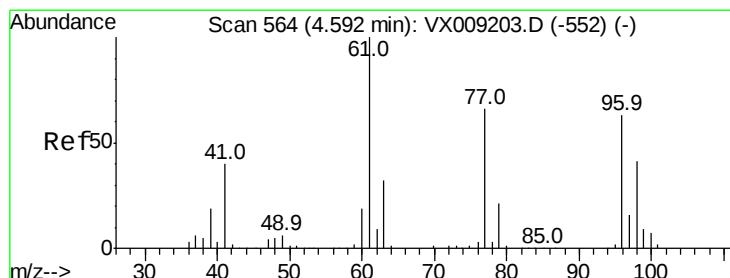
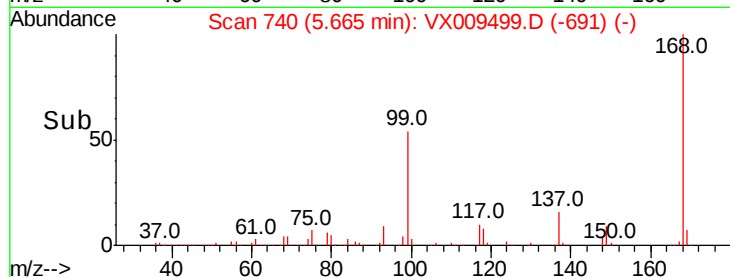
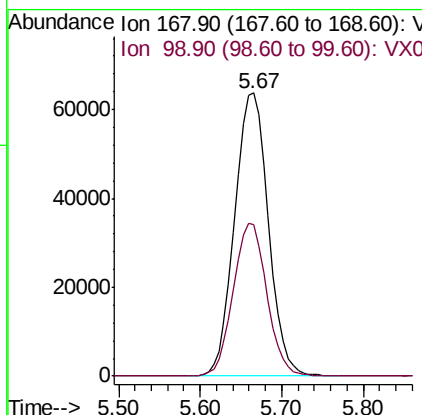
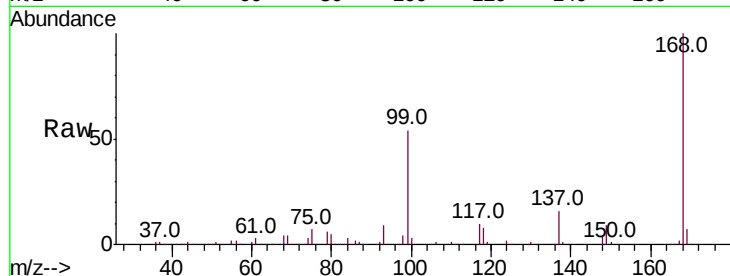




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009499.D
Acq: 10 May 2019 22:23

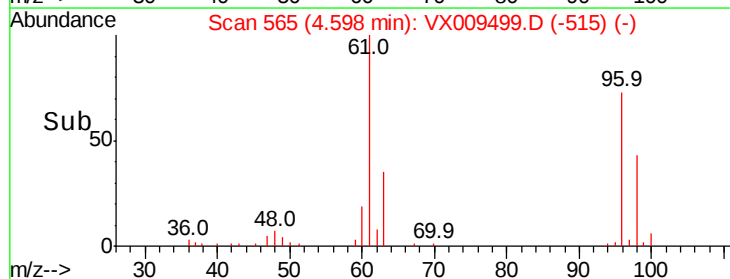
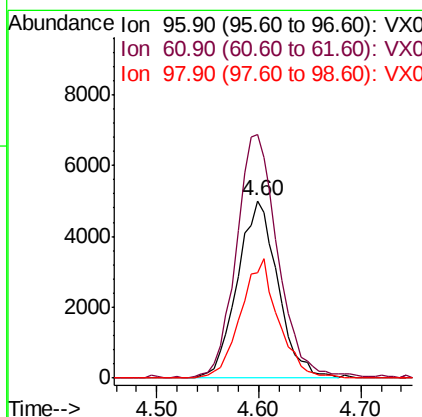
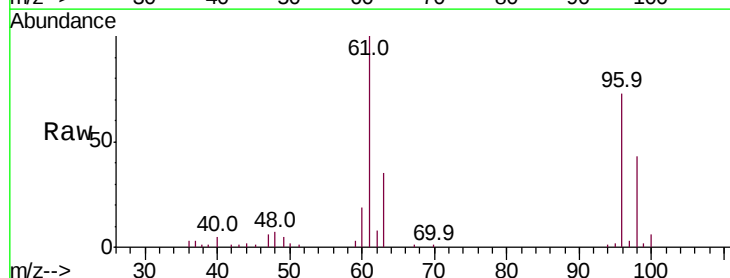
Instrument :
MSVOA_X
ClientSampleId :
DUP-0522-190508

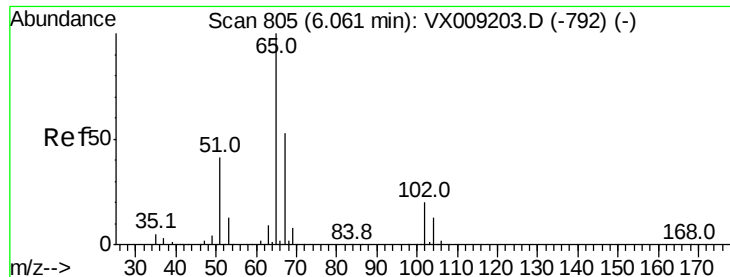
Tot Ion:168 Resp: 183079
Ion Ratio Lower Upper
168 100
99 53.5 42.3 63.5



#27
cis-1,2-Dichloroethene
Concen: 6.206 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009499.D
Acq: 10 May 2019 22:23

Tgt Ion: 96 Resp: 13801
Ion Ratio Lower Upper
96 100
61 141.6 0.0 324.0
98 62.8 0.0 130.4

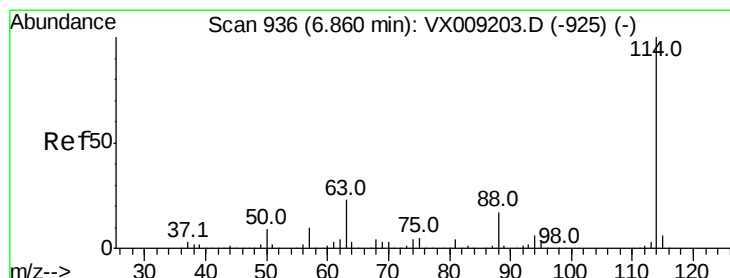
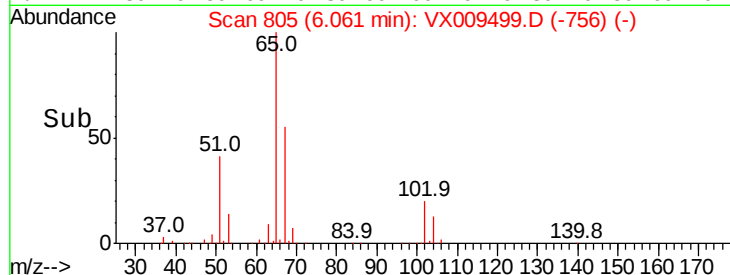
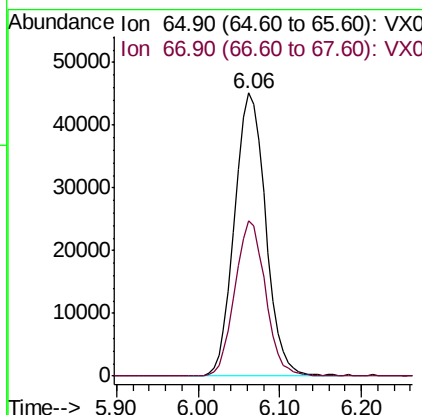
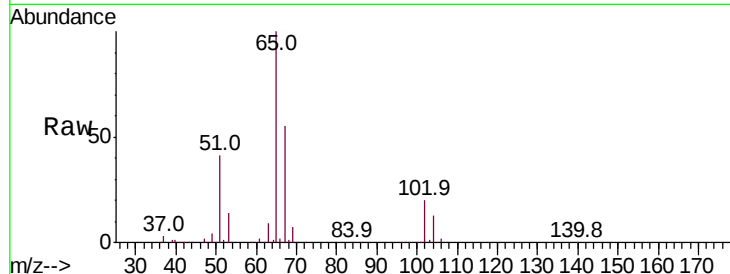




#33
 1,2-Dichloroethane-d4
 Concen: 47.914 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009499.D
 Acq: 10 May 2019 22:23

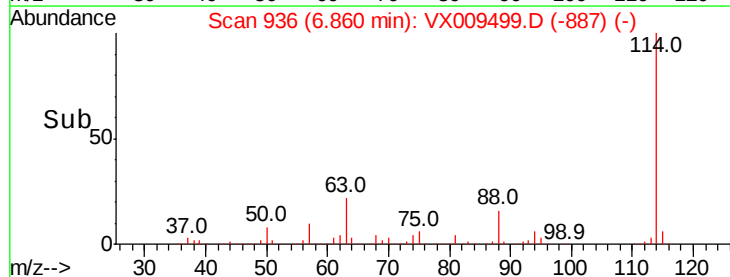
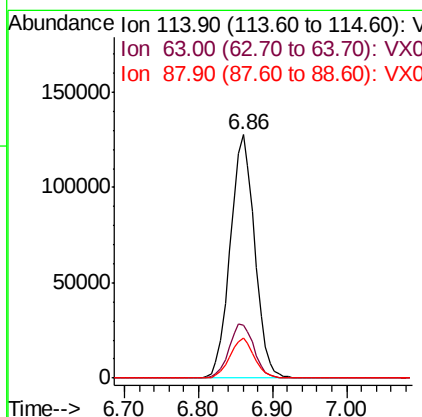
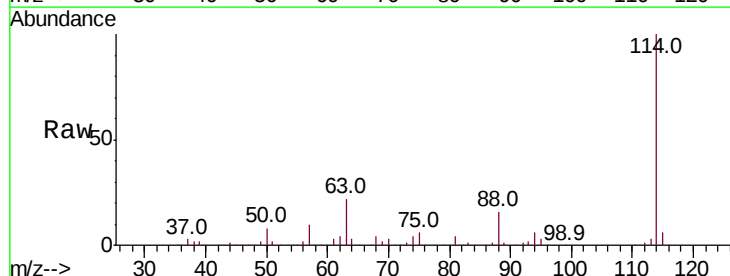
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0522-190508

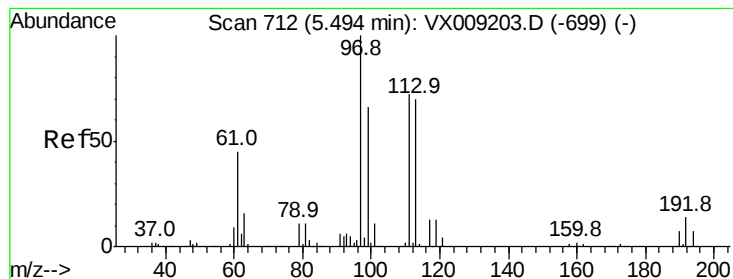
Tot Ion: 65 Resp: 119749
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009499.D
 Acq: 10 May 2019 22:23

Tgt Ion: 114 Resp: 293436
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.6
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.026 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009499.D

Acq: 10 May 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

DUP-0522-190508

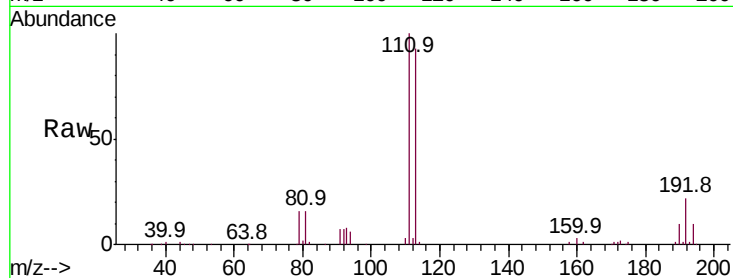
Tot Ion:113 Resp: 88592

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

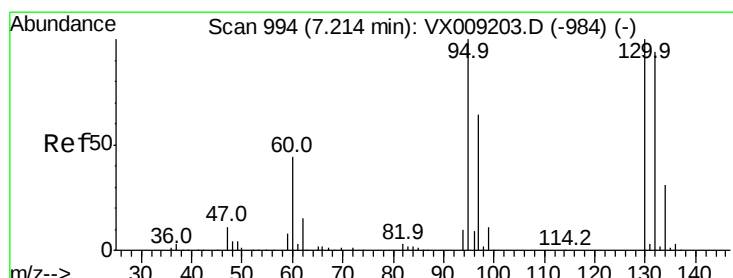
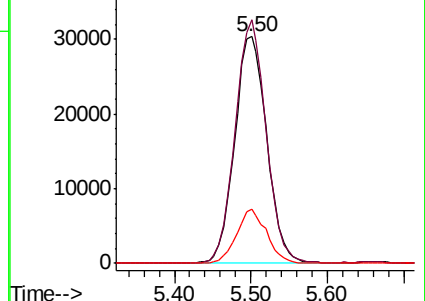
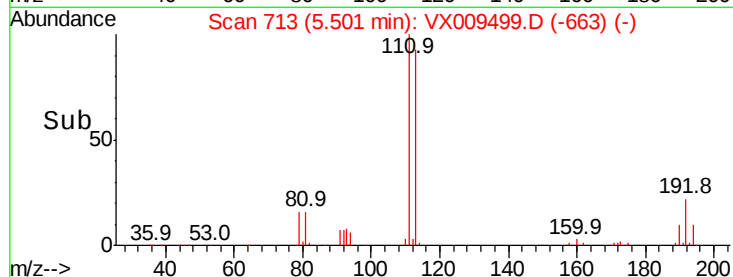
192 22.1 17.0 25.6



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



#44

Trichloroethene

Concen: 6.265 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009499.D

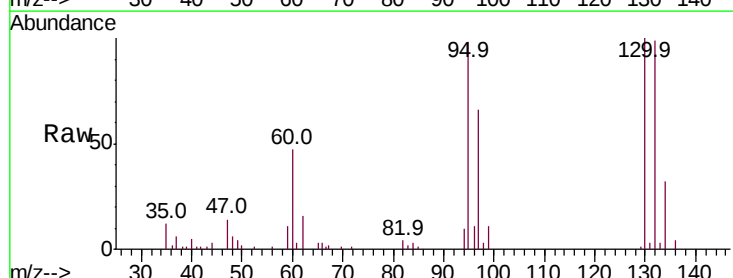
Acq: 10 May 2019 22:23

Tgt Ion:130 Resp: 12782

Ion Ratio Lower Upper

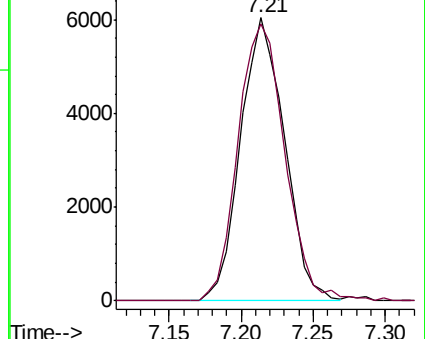
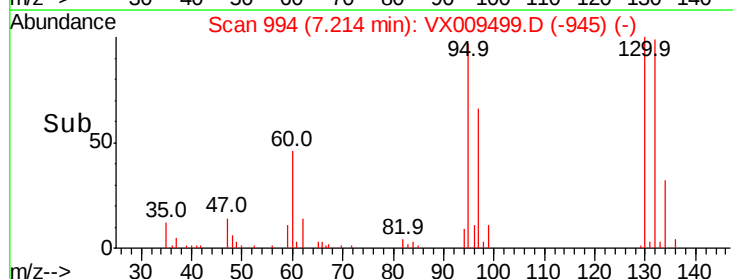
130 100

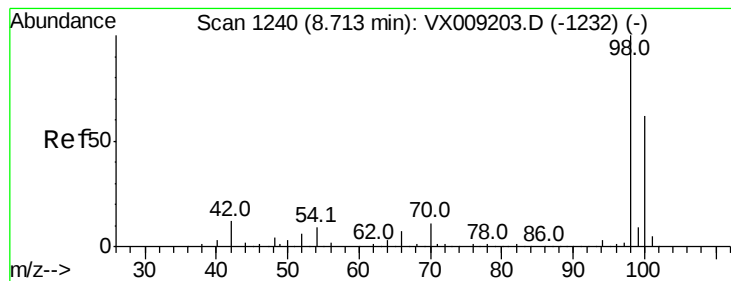
95 98.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.039 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009499.D

Acq: 10 May 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

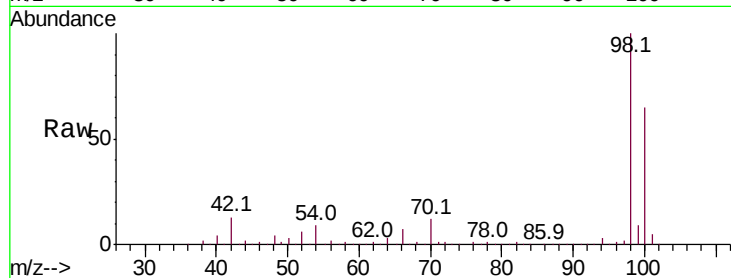
DUP-0522-190508

Tot Ion: 98 Resp: 365209

Ion Ratio Lower Upper

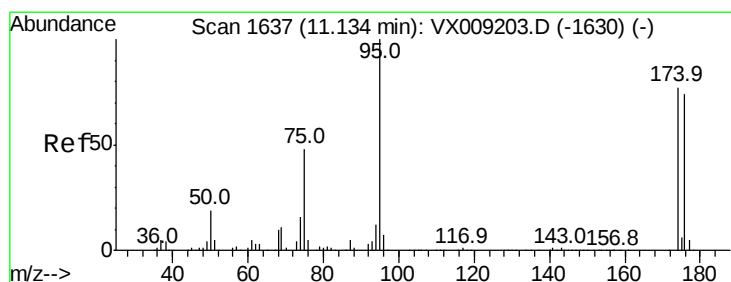
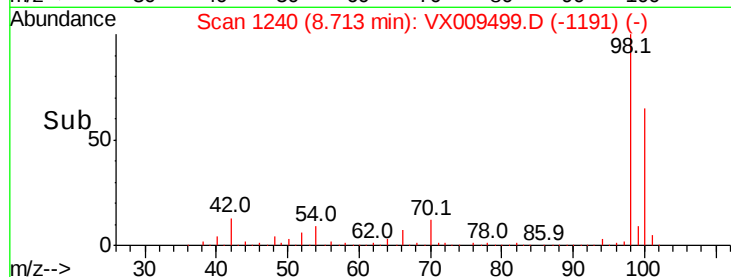
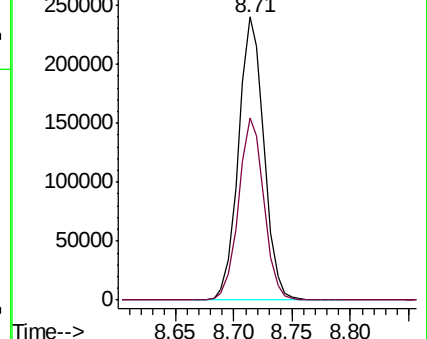
98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 44.586 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009499.D

Acq: 10 May 2019 22:23

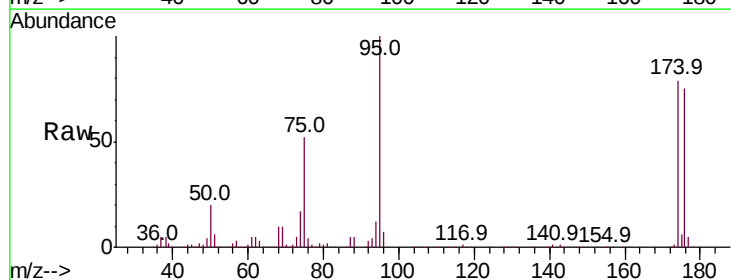
Tgt Ion: 95 Resp: 120652

Ion Ratio Lower Upper

95 100

174 83.6 0.0 161.6

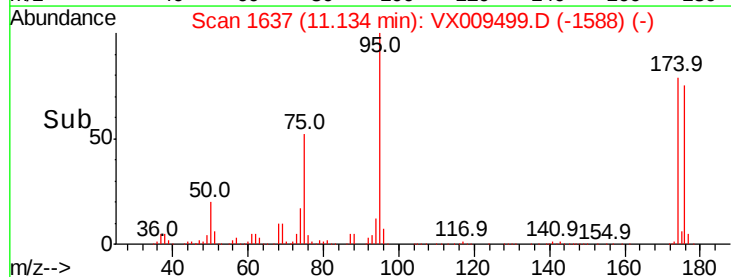
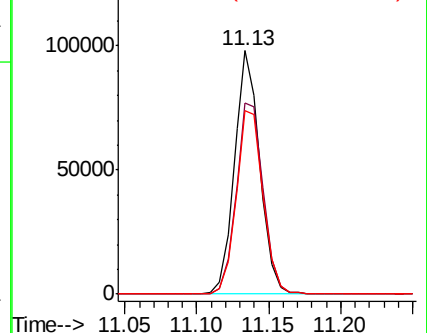
176 80.0 0.0 159.2

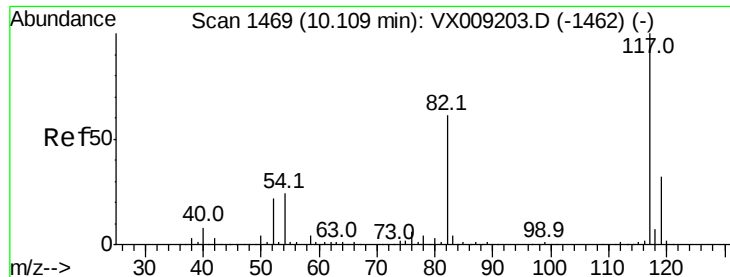


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

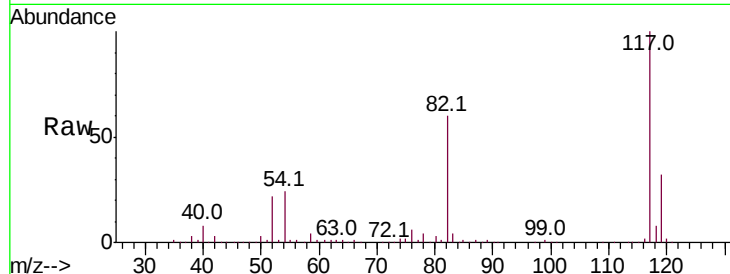




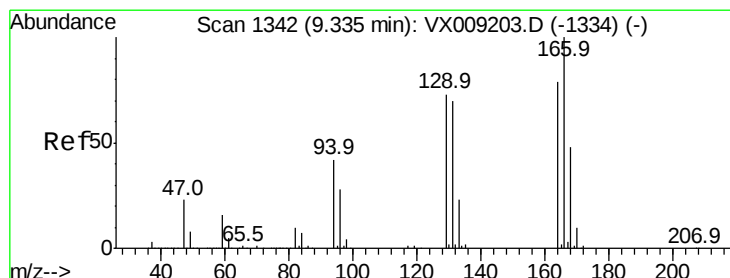
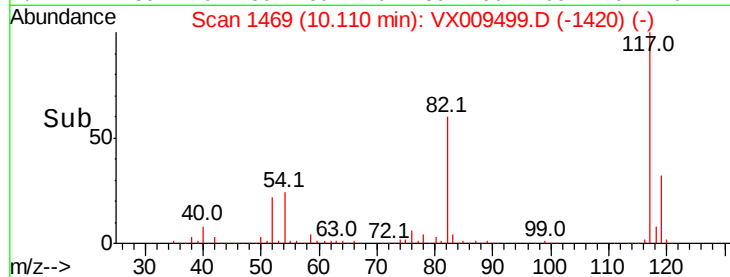
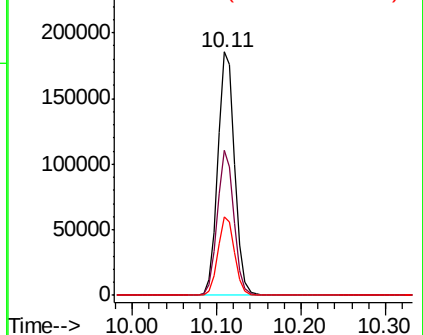
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009499.D
Acq: 10 May 2019 22:23

Instrument :
MSVOA_X
ClientSampleId :
DUP-0522-190508

Tot Ion:117 Resp: 256775
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 32.1 25.8 38.6

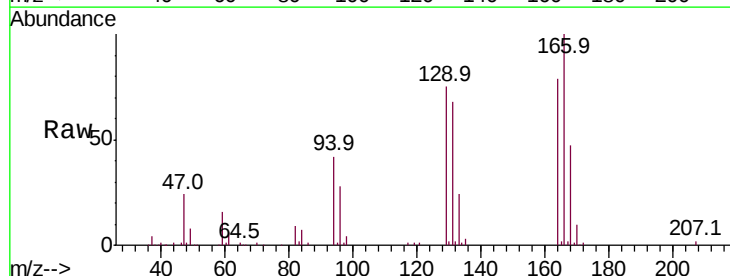


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

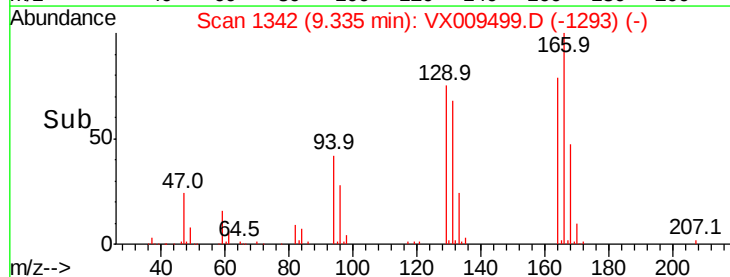
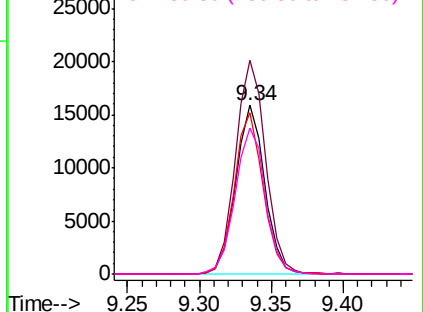


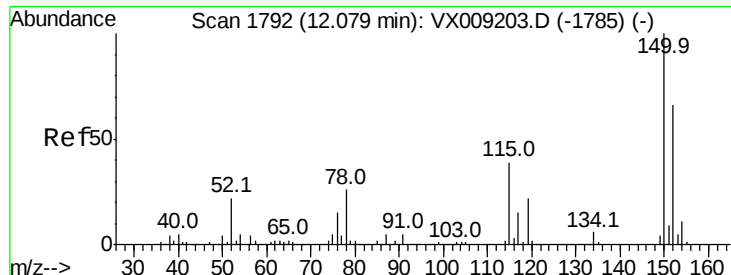
#64
Tetrachloroethene
Concen: 12.655 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009499.D
Acq: 10 May 2019 22:23

Tgt Ion:164 Resp: 22290
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 95.5 74.3 111.5
131 86.2 71.0 106.6



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

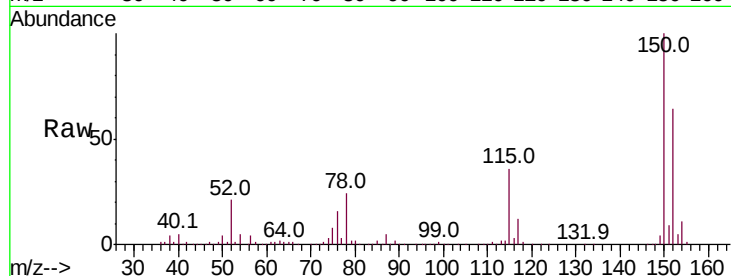




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009499.D
 Acq: 10 May 2019 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0522-190508

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	41.2	123.6
150	155.8	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

