

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009639.D
 Acq On : 17 May 2019 04:27
 Operator : JC/SP
 Sample : K2887-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW749-190514

Quant Time: May 17 07:59:09 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

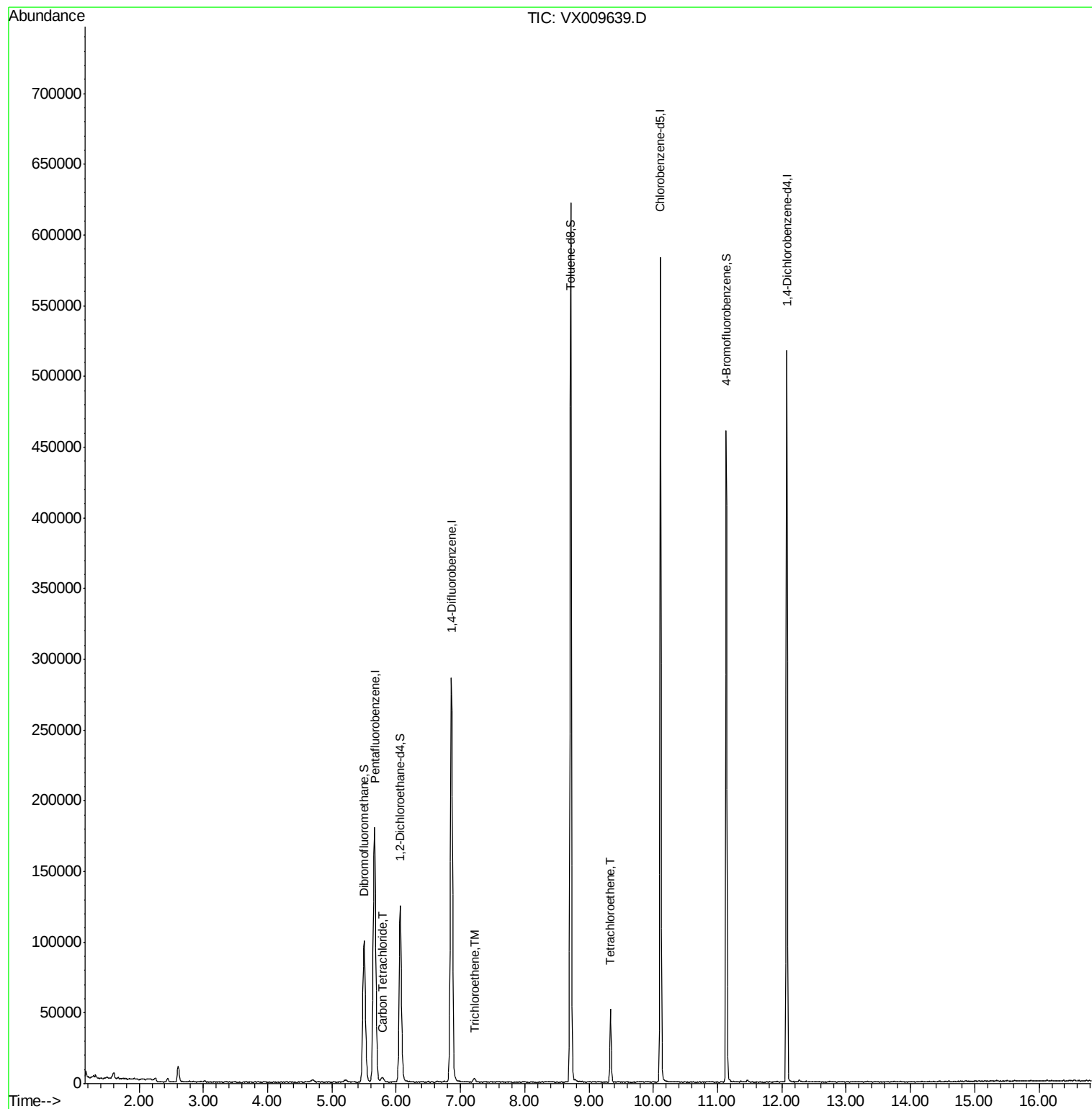
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118316	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	5.50	113	86211	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	353761	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	118347	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
38) Carbon Tetrachloride	5.78	117	2689	1.129	ug/l	89
44) Trichloroethene	7.22	130	1104	0.563	ug/l	96
64) Tetrachloroethene	9.34	164	9945	5.798	ug/l	93

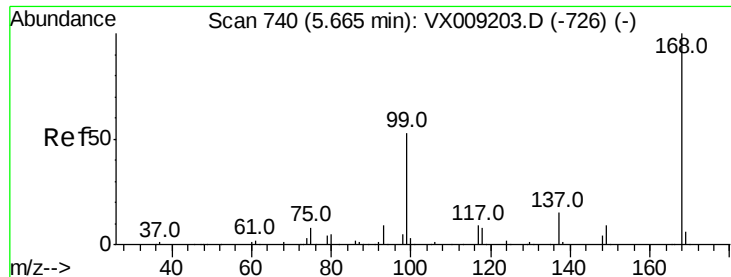
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009639.D

Acq: 17 May 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

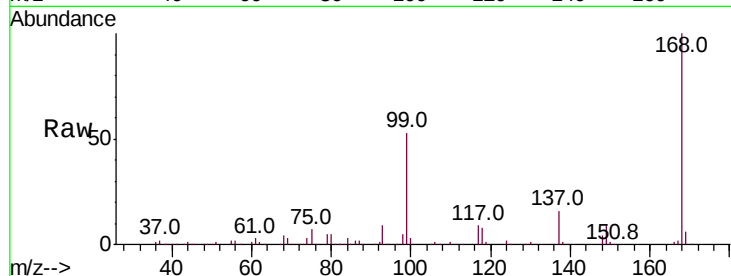
SS052MW749-190514

Tot Ion:168 Resp: 175760

Ion Ratio Lower Upper

168 100

99 52.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

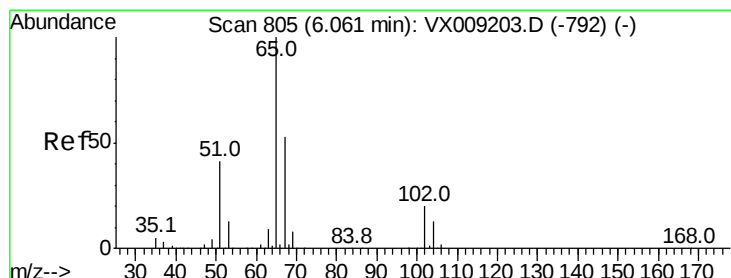
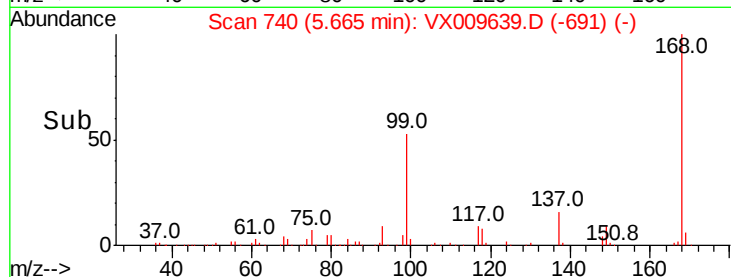
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.312 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009639.D

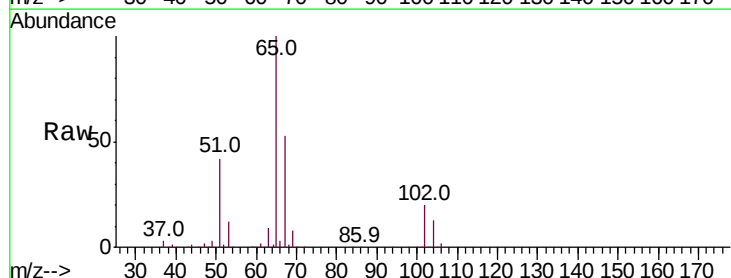
Acq: 17 May 2019 04:27

Tgt Ion: 65 Resp: 118316

Ion Ratio Lower Upper

65 100

67 53.0 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

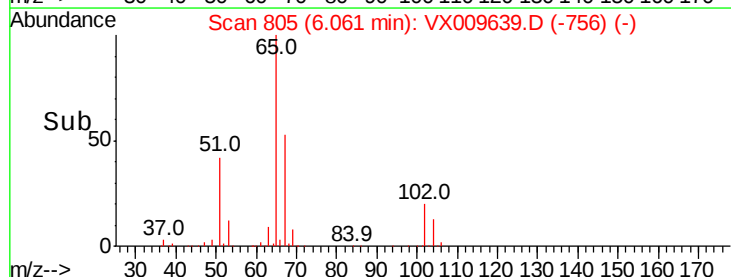
30000

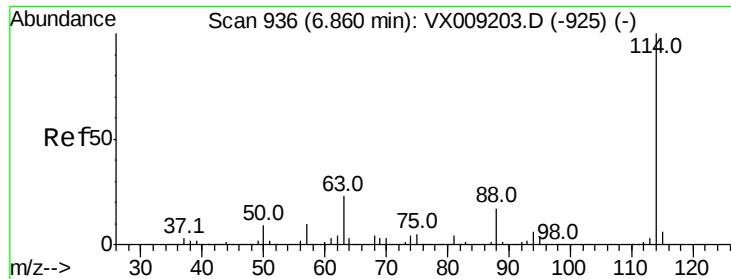
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30

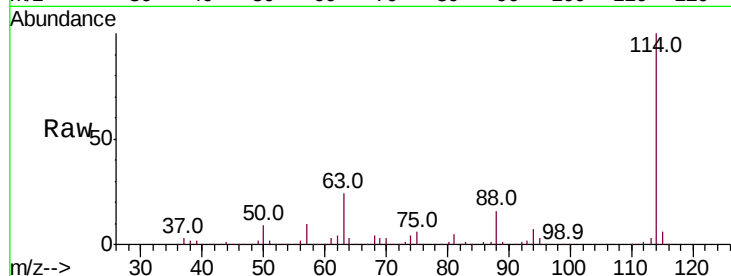




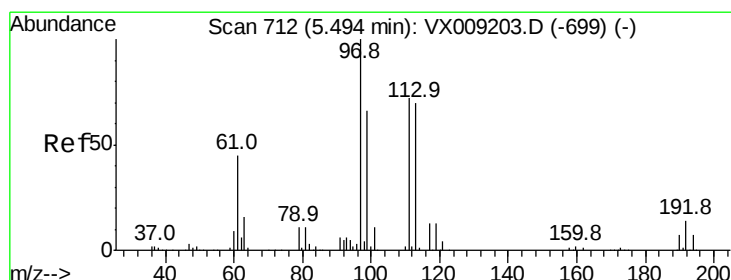
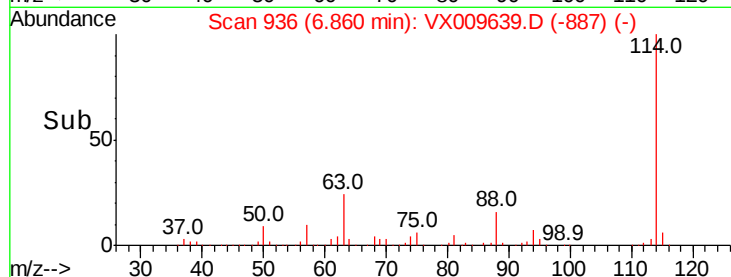
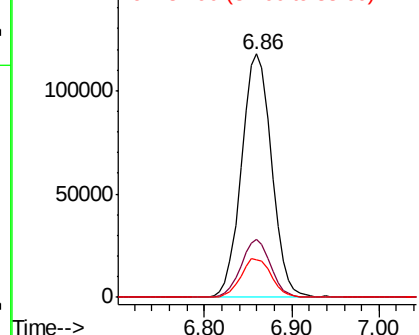
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009639.D
 Acq: 17 May 2019 04:27

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW749-190514

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	45.6
88	15.6	0.0	33.2

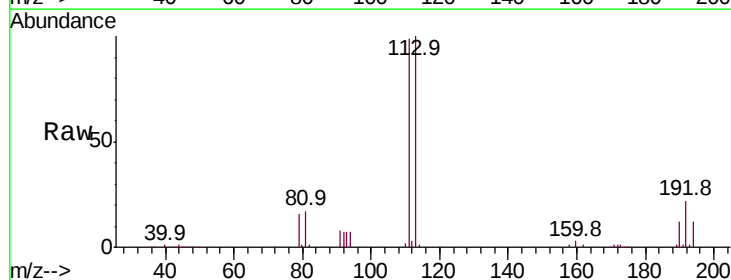


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

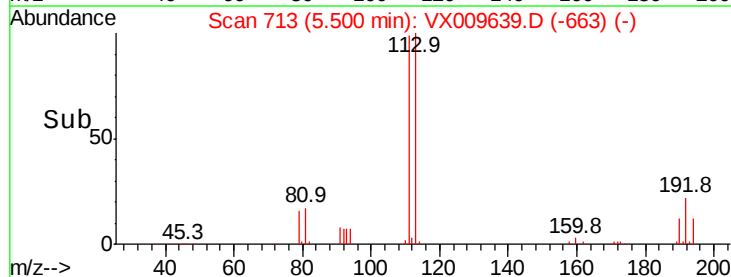
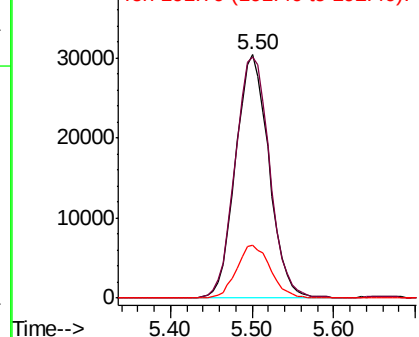


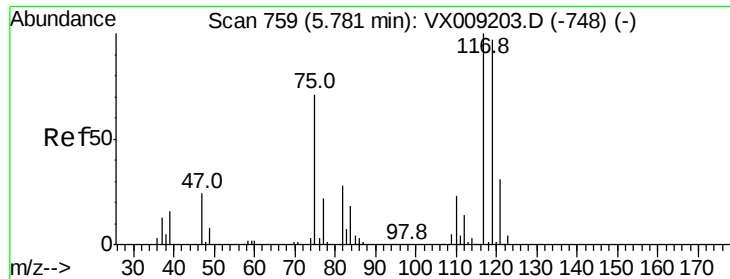
#35
 Dibromofluoromethane
 Concen: 48.612 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009639.D
 Acq: 17 May 2019 04:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	22.2	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





#38

Carbon Tetrachloride

Concen: 1.129 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009639.D

Acq: 17 May 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

SS052MW749-190514

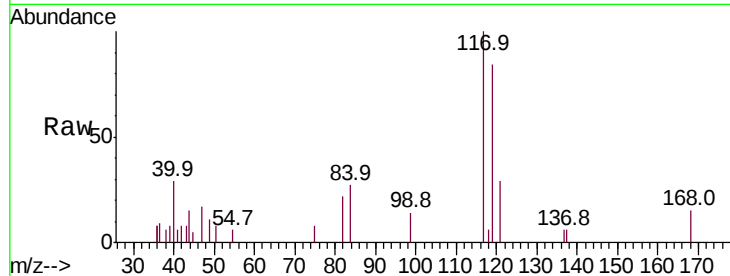
Tot Ion:117 Resp: 2689

Ion Ratio Lower Upper

117 100

119 83.8 77.5 116.3

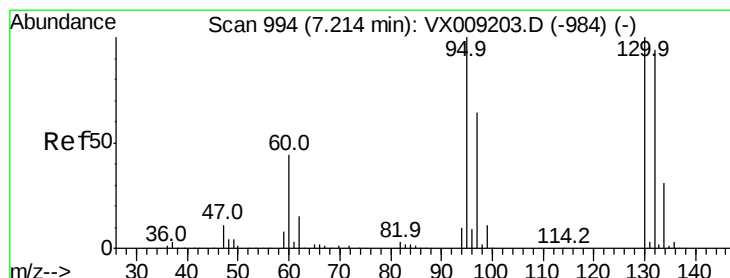
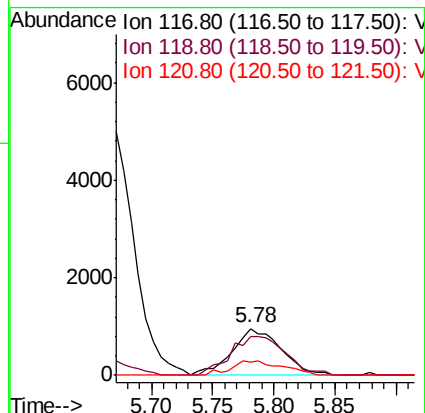
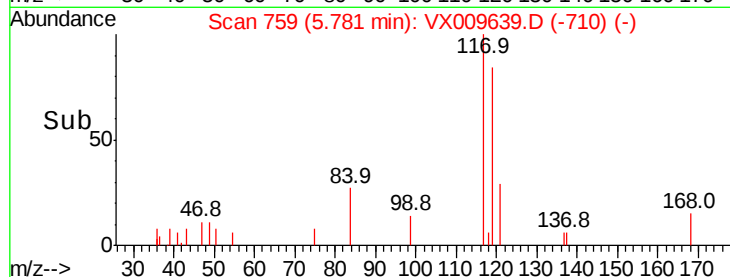
121 28.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.563 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009639.D

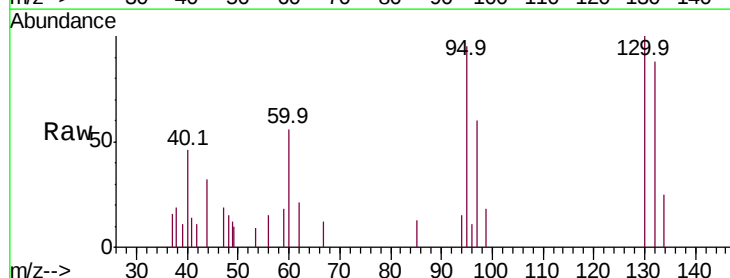
Acq: 17 May 2019 04:27

Tgt Ion:130 Resp: 1104

Ion Ratio Lower Upper

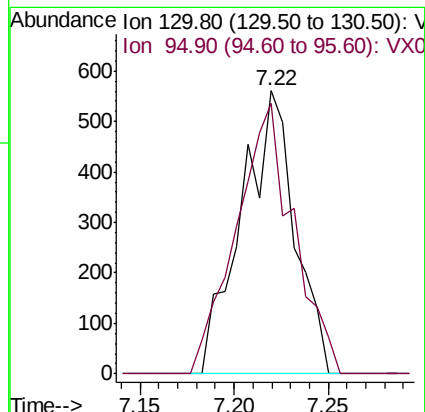
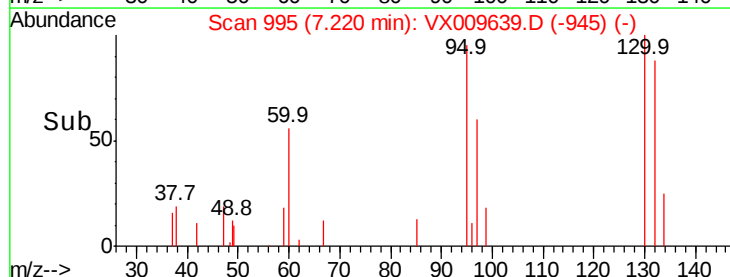
130 100

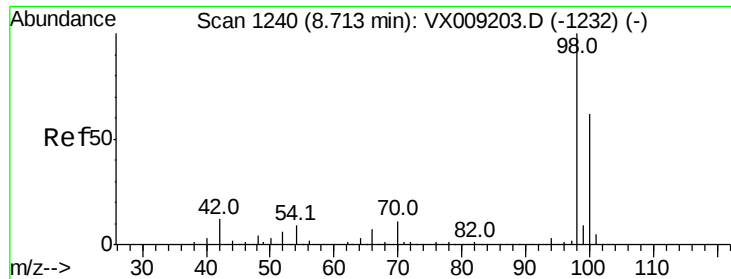
95 95.4 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.409 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009639.D

Acq: 17 May 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

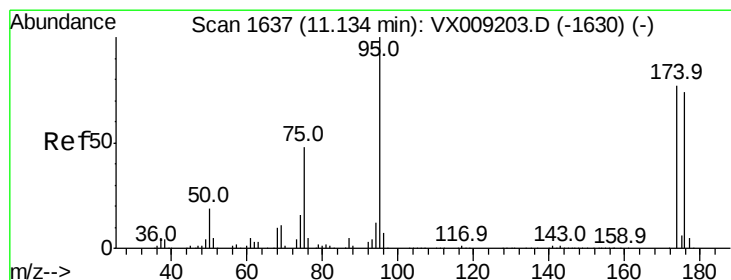
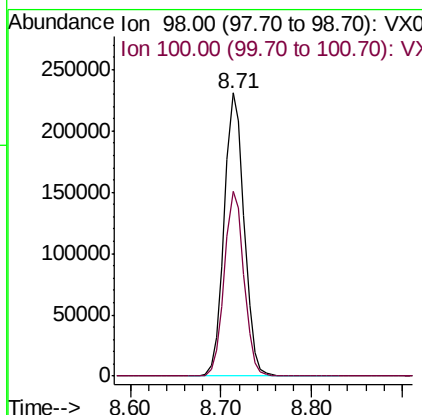
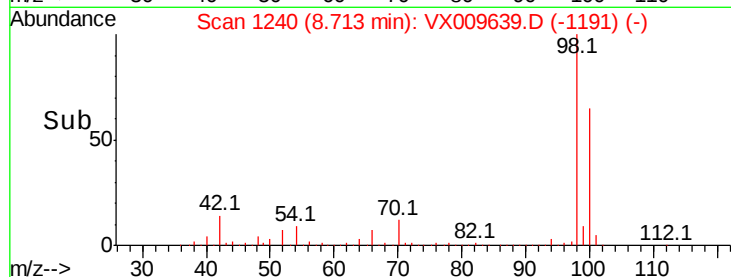
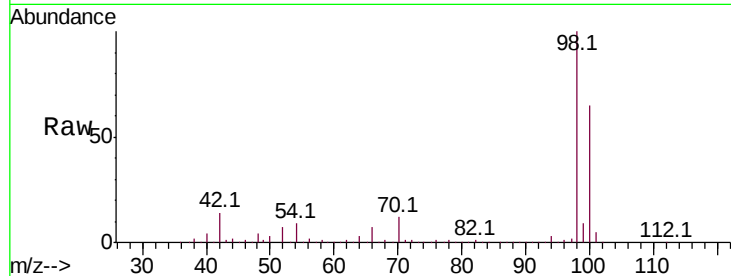
SS052MW749-190514

Tot Ion: 98 Resp: 353761

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.490 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009639.D

Acq: 17 May 2019 04:27

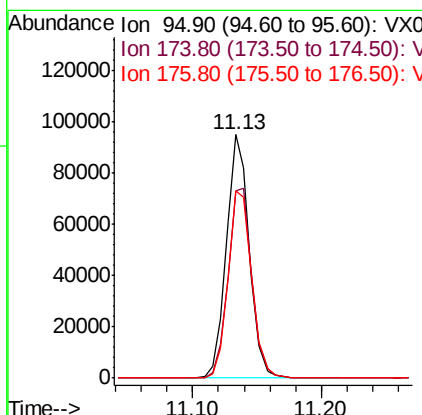
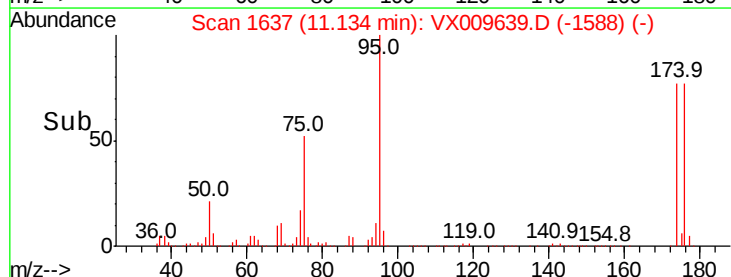
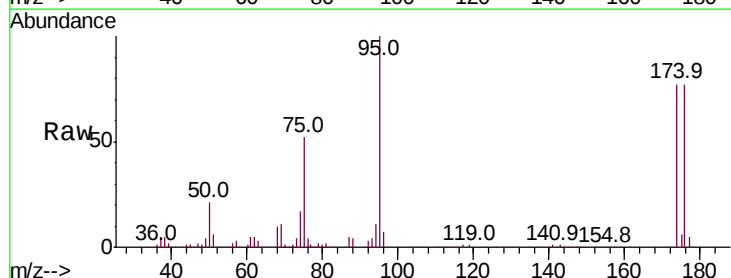
Tgt Ion: 95 Resp: 118347

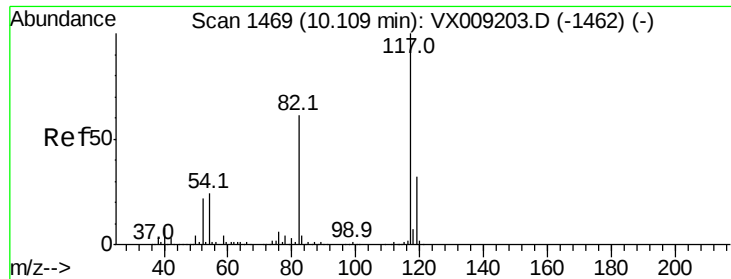
Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

176 79.9 0.0 159.2

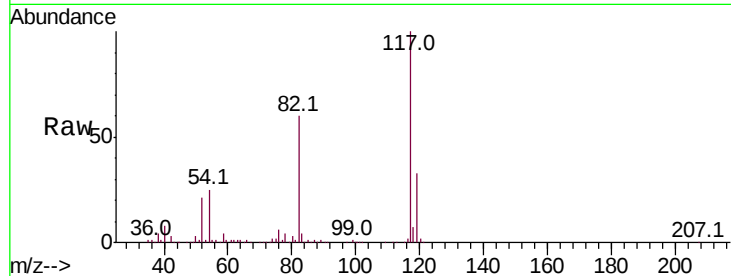




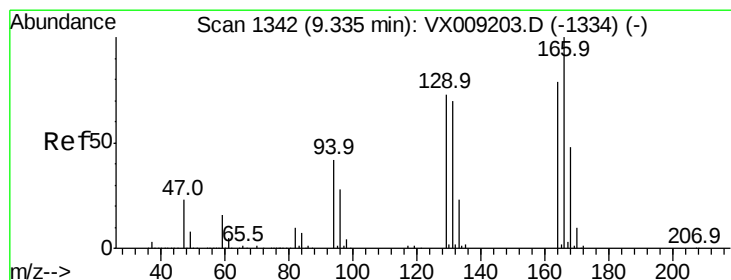
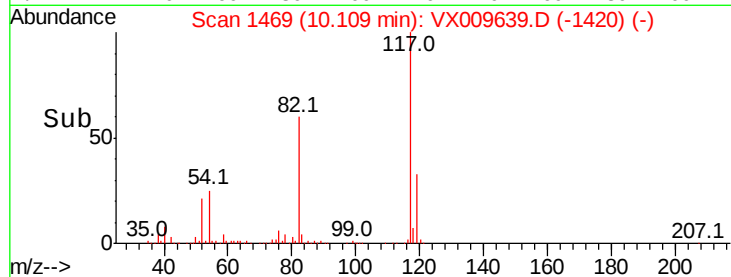
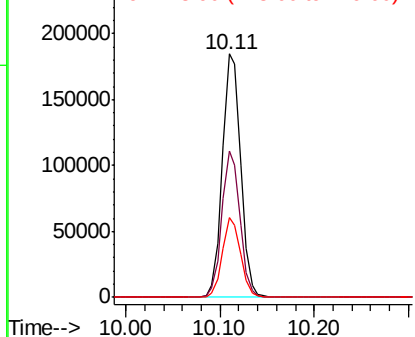
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009639.D
Acq: 17 May 2019 04:27

Instrument :
MSVOA_X
ClientSampleId :
SS052MW749-190514

Tot Ion:117 Resp: 250054
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 32.8 25.8 38.6

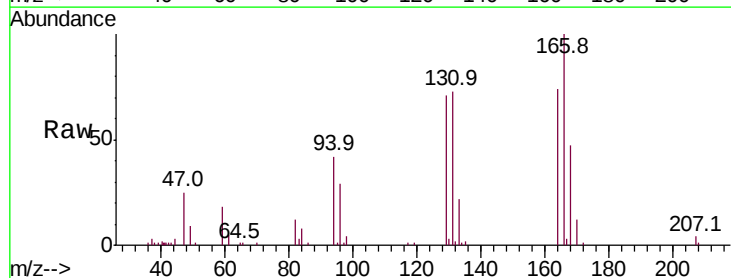


Abundance Ion 116.90 (116.60 to 117.60): V
250000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

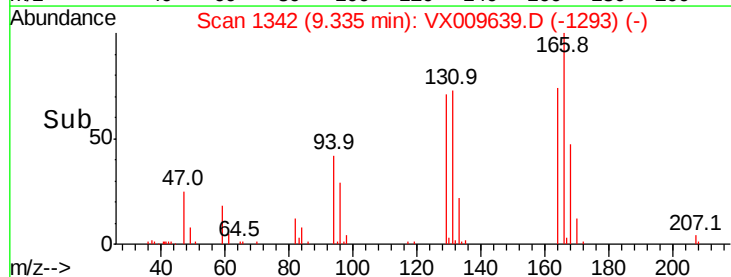
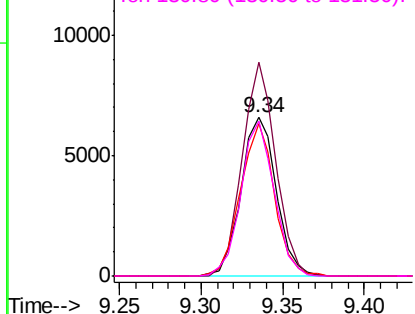


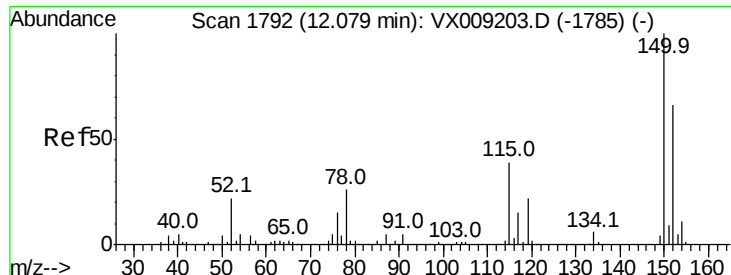
#64
Tetrachloroethene
Concen: 5.798 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009639.D
Acq: 17 May 2019 04:27

Tgt Ion:164 Resp: 9945
Ion Ratio Lower Upper
164 100
166 134.6 101.2 151.8
129 95.9 74.3 111.5
131 98.0 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: VX009639.D
 Acq: 17 May 2019 04:27

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW749-190514

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	41.2	123.6
150	157.6	0.0	346.4

