

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX061019\
 Data File : VX010198.D
 Acq On : 11 Jun 2019 00:20
 Operator : JC/SP
 Sample : K3255-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190604

Quant Time: Jun 12 09:13:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

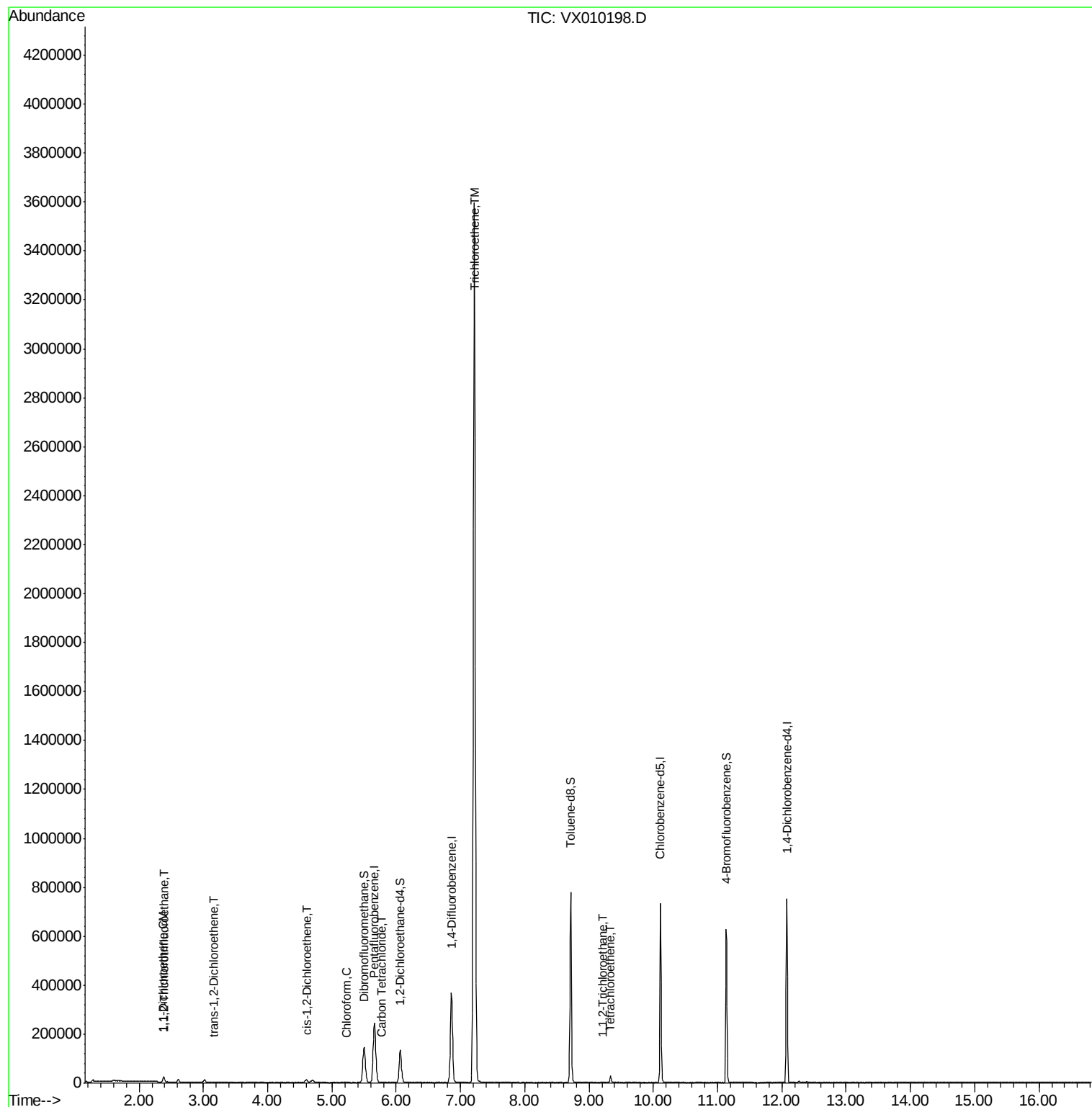
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	265609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	363088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119807	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	5.50	113	123588	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	8.71	98	477108	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	165352	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7703	3.298	ug/l	91
12) 1,1-Dichloroethene	2.37	96	2184	0.915	ug/l	86
21) trans-1,2-Dichloroethene	3.17	96	1347	0.510	ug/l #	66
27) cis-1,2-Dichloroethene	4.60	96	7847	2.672	ug/l	71
30) Chloroform	5.21	83	2282	0.526	ug/l	93
38) Carbon Tetrachloride	5.78	117	2093	0.560	ug/l #	82
44) Trichloroethene	7.21	130	1468154	476.956	ug/l	89
55) 1,1,2-Trichloroethane	9.22	97	864	0.314	ug/l #	90
64) Tetrachloroethene	9.34	164	4977	1.846	ug/l	89

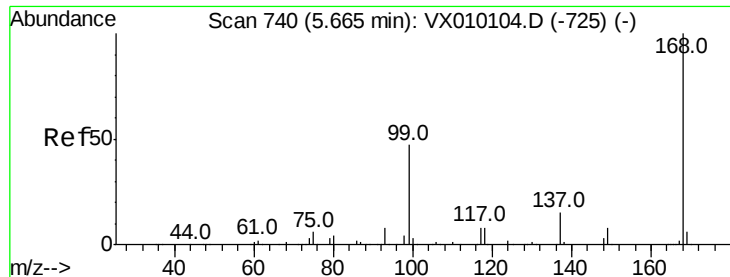
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX061019\
Data File : VX010198.D
Acq On : 11 Jun 2019 00:20
Operator : JC/SP
Sample : K3255-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Quant Time: Jun 12 09:13:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010198.D

Acq: 11 Jun 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

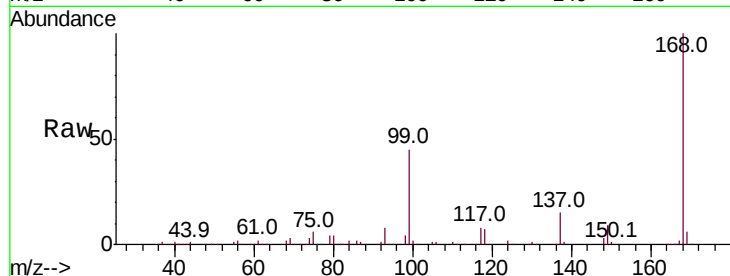
RE122D1-20190604

Tot Ion:168 Resp: 265609

Ion Ratio Lower Upper

168 100

99 44.6 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

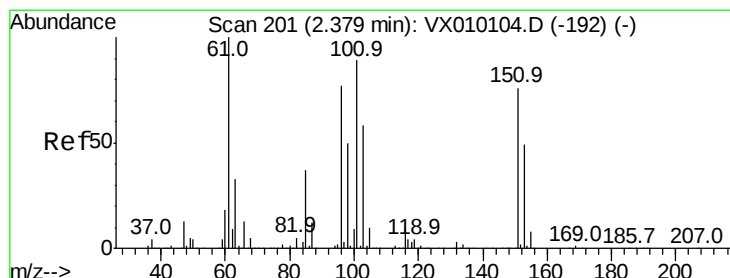
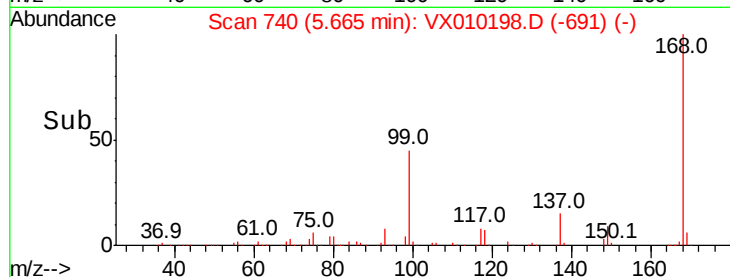
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.298 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010198.D

Acq: 11 Jun 2019 00:20

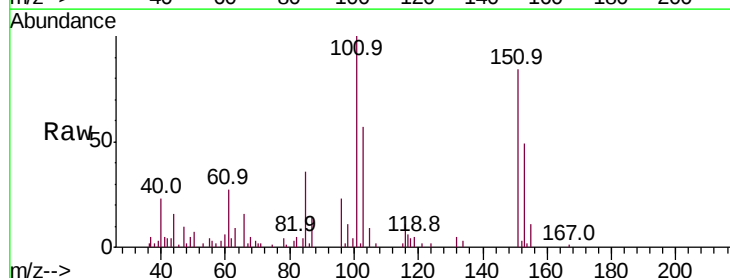
Tgt Ion:101 Resp: 7703

Ion Ratio Lower Upper

101 100

85 41.3 35.2 52.8

151 87.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

5000

4000

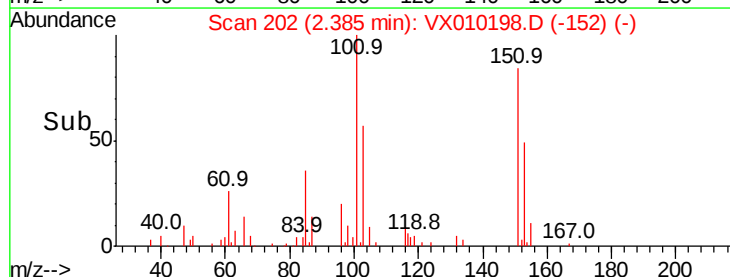
3000

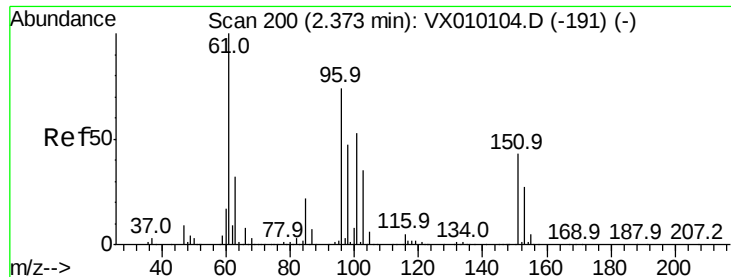
2000

1000

0

Time--> 2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 0.915 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010198.D

Acq: 11 Jun 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190604

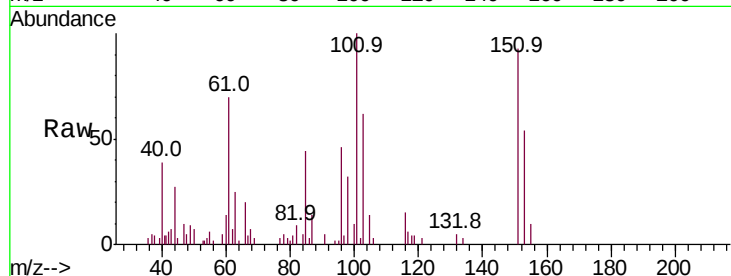
Tot Ion: 96 Resp: 2184

Ion Ratio Lower Upper

96 100

61 153.2 140.7 211.1

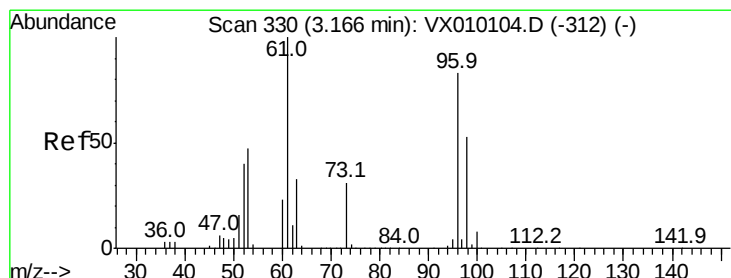
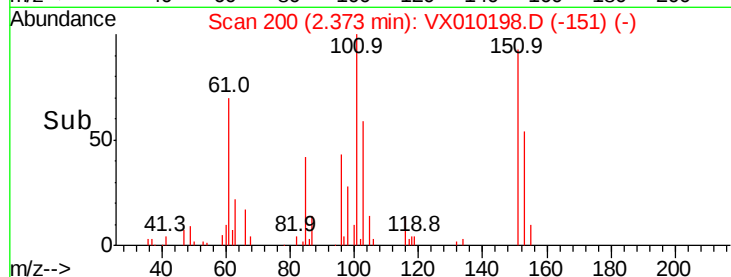
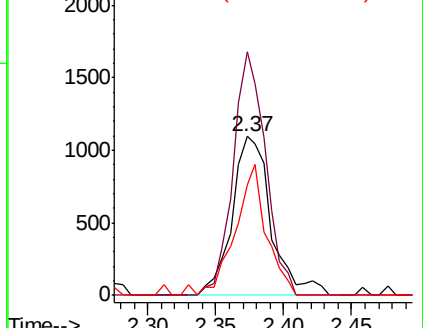
98 69.7 50.1 75.1



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



#21

trans-1,2-Dichloroethene

Concen: 0.510 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010198.D

Acq: 11 Jun 2019 00:20

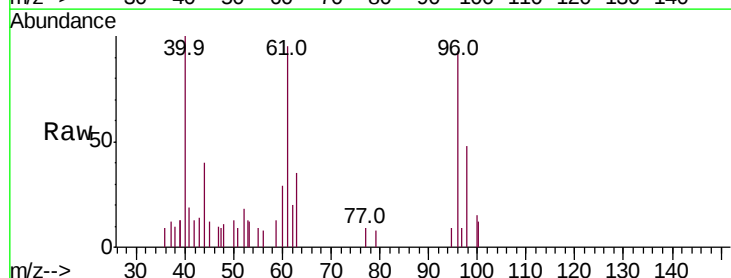
Tgt Ion: 96 Resp: 1347

Ion Ratio Lower Upper

96 100

61 102.7 125.7 188.5#

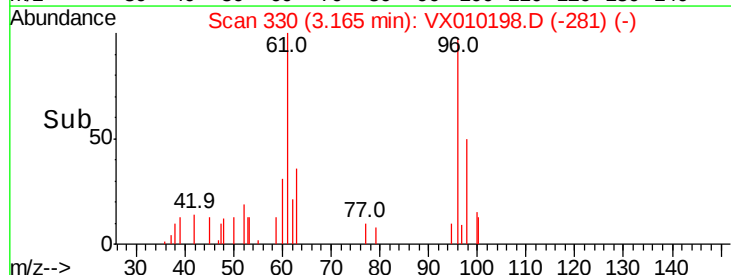
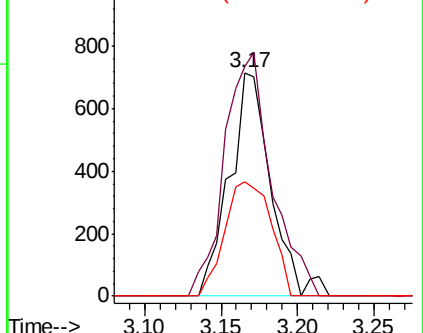
98 51.5 49.0 73.6

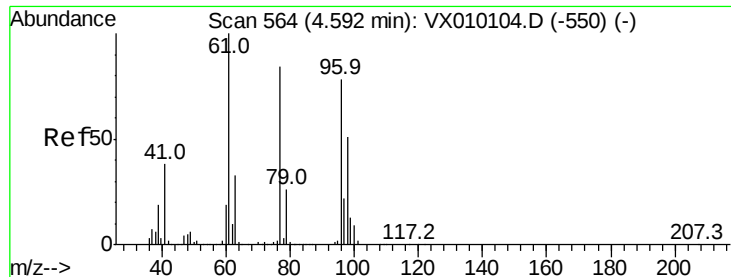


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



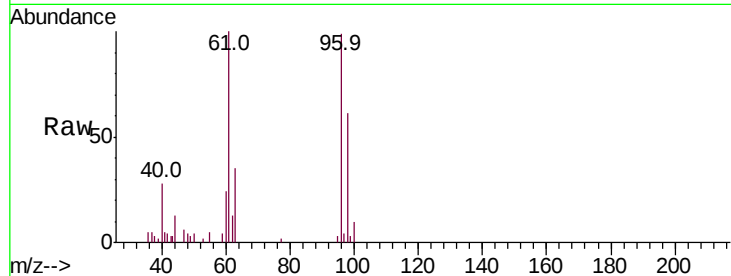


#27

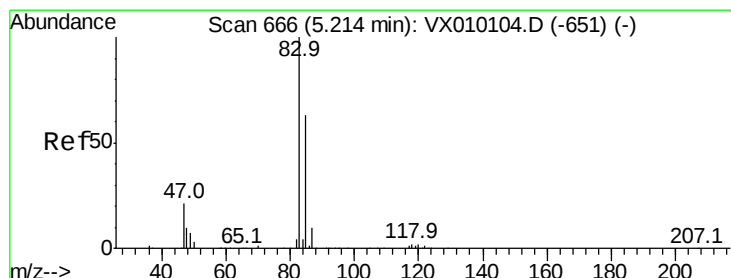
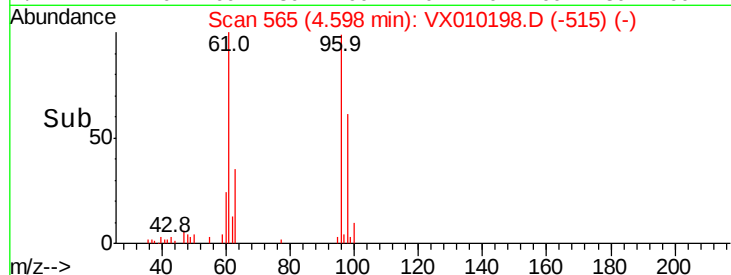
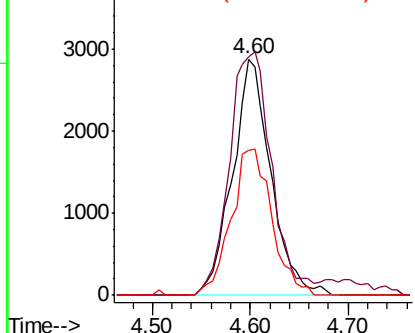
cis-1,2-Dichloroethene
 Concen: 2.672 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010198.D
 Acq: 11 Jun 2019 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190604

Tot Ion: 96 Resp: 7847
 Ion Ratio Lower Upper
 96 100
 61 113.2 0.0 334.0
 98 65.4 0.0 131.6



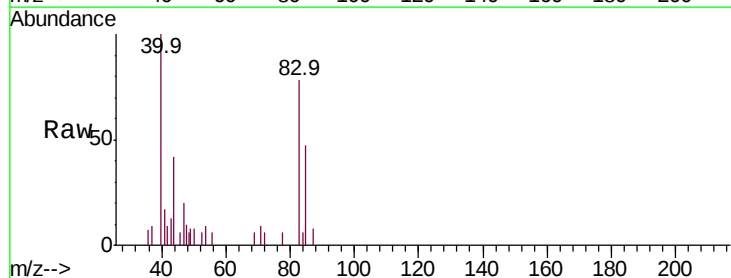
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



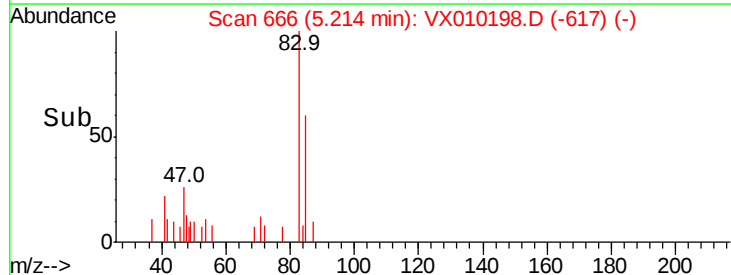
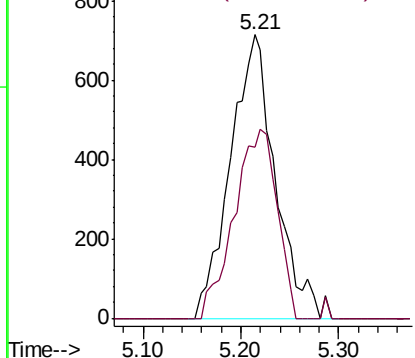
#30

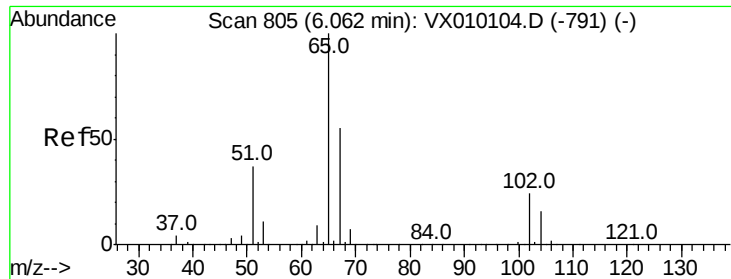
Chloroform
 Concen: 0.526 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VX010198.D
 Acq: 11 Jun 2019 00:20

Tgt Ion: 83 Resp: 2282
 Ion Ratio Lower Upper
 83 100
 85 60.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.210 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010198.D

Acq: 11 Jun 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

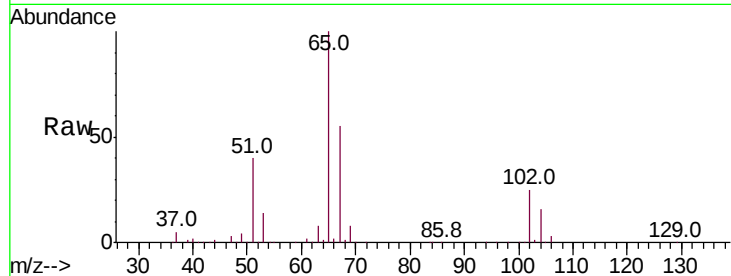
RE122D1-20190604

Tot Ion: 65 Resp: 119807

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

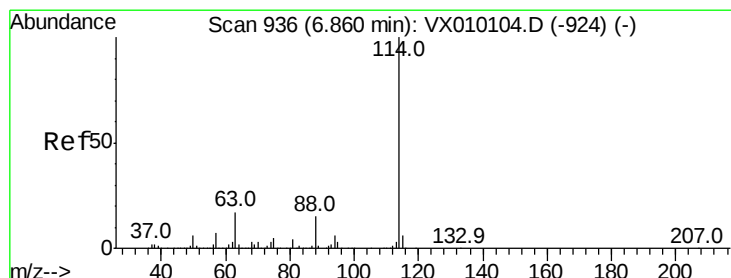
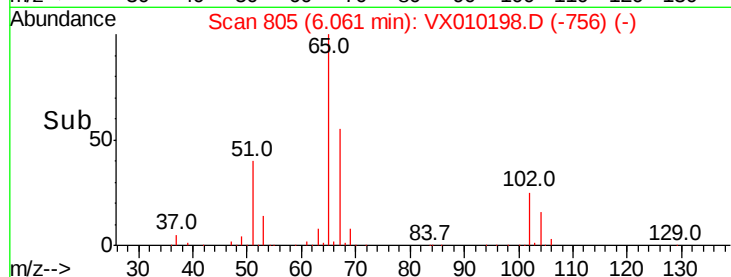
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010198.D

Acq: 11 Jun 2019 00:20

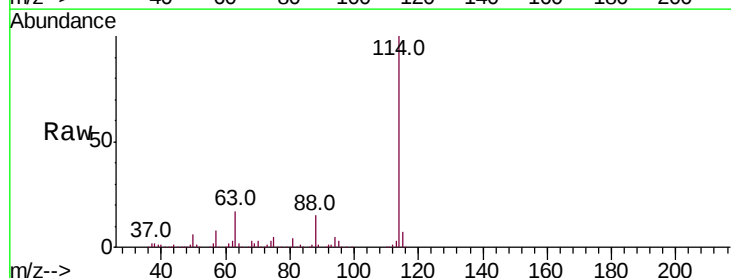
Tgt Ion:114 Resp: 404793

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

88 15.0 0.0 33.0



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

200000

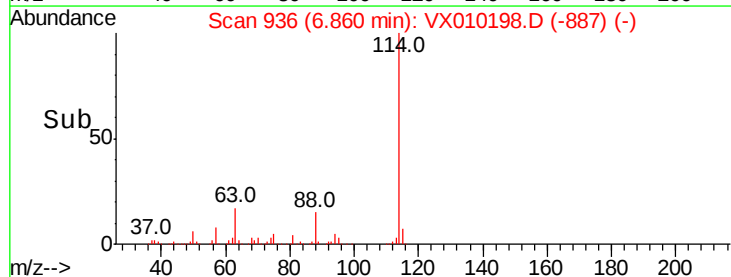
150000

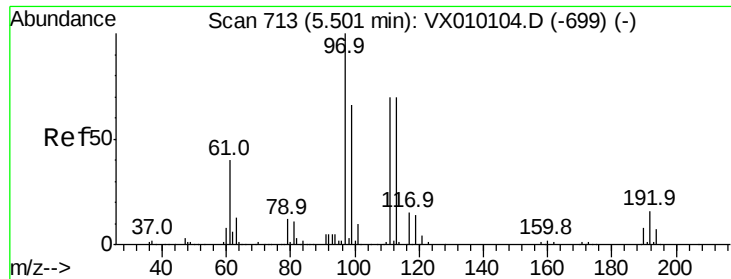
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

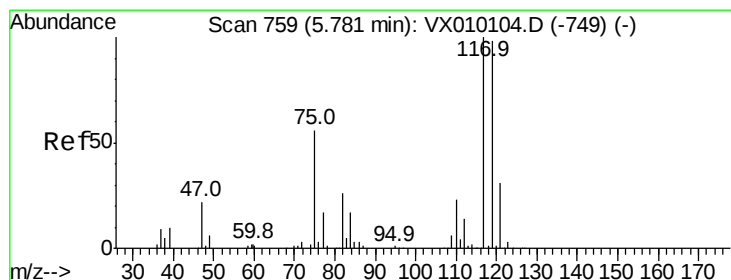
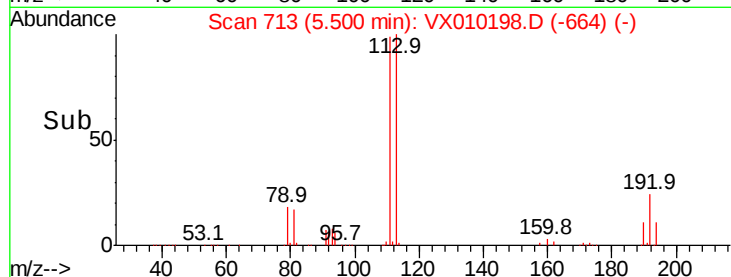
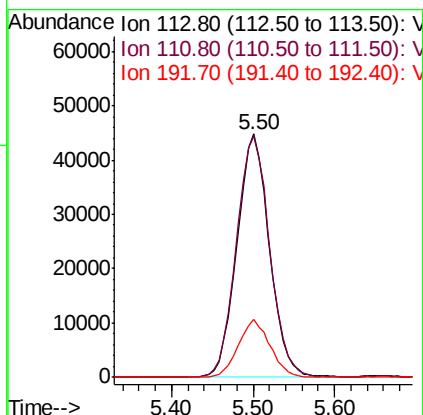
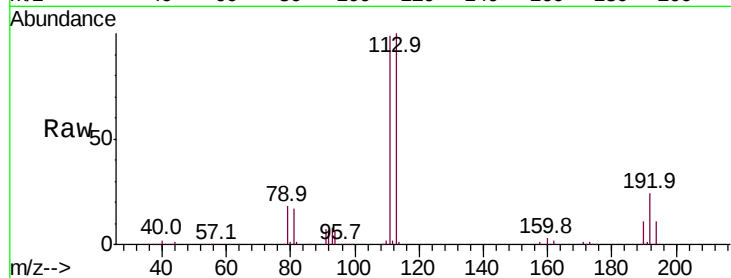




#35
Dibromofluoromethane
Concen: 49.497 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

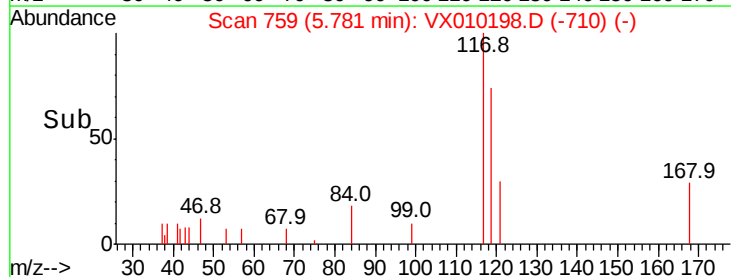
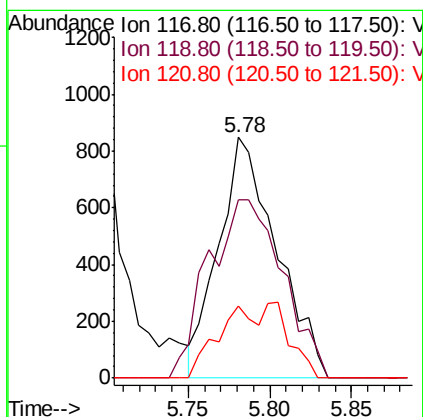
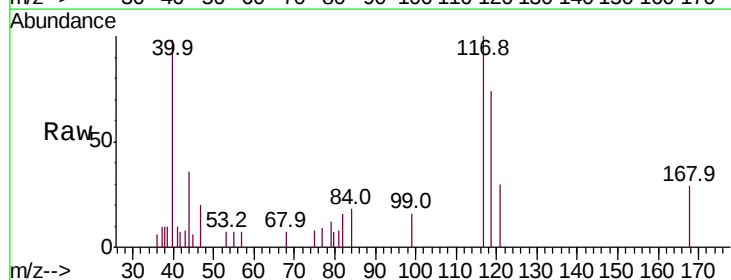
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

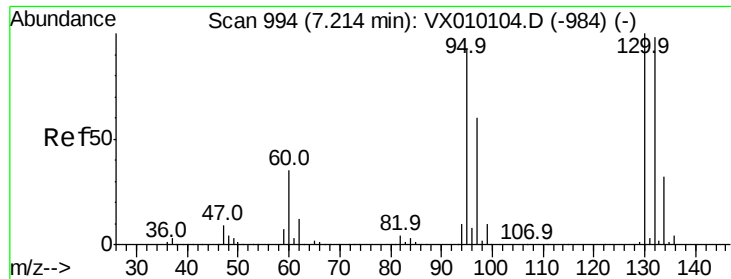
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	23.3	17.1	25.7



#38
Carbon Tetrachloride
Concen: 0.560 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	73.8	77.3	115.9#
121	29.8	25.4	38.0

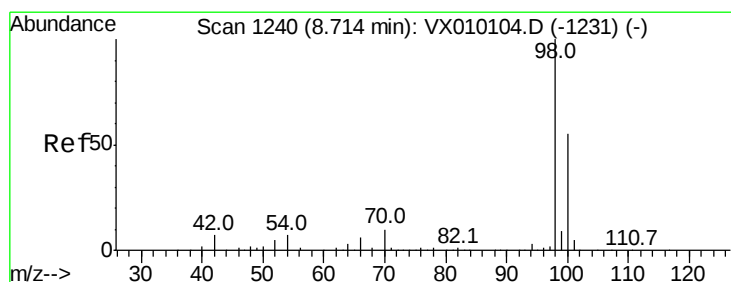
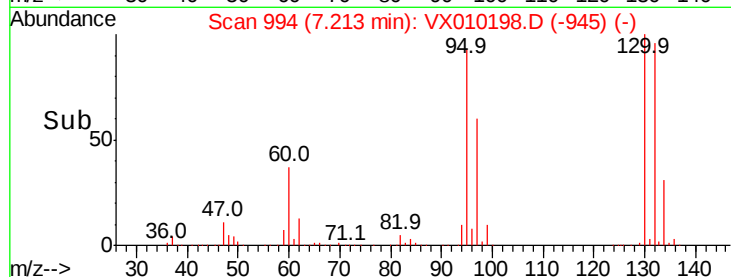
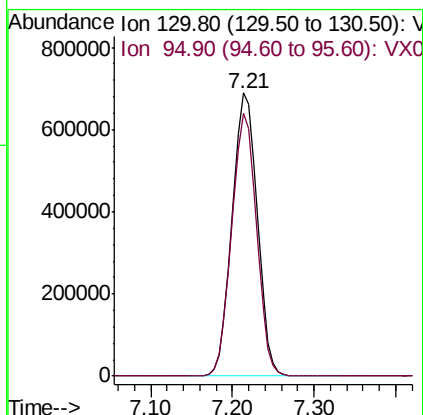
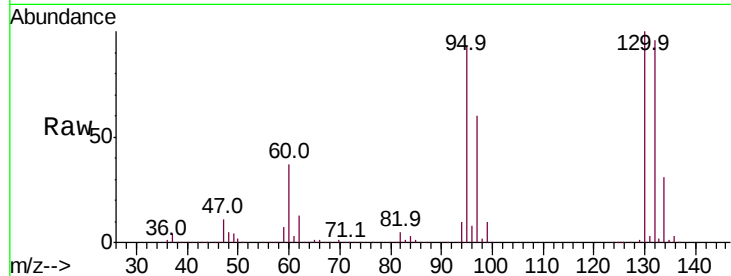




#44
 Trichloroethene
 Concen: 476.956 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010198.D
 Acq: 11 Jun 2019 00:20

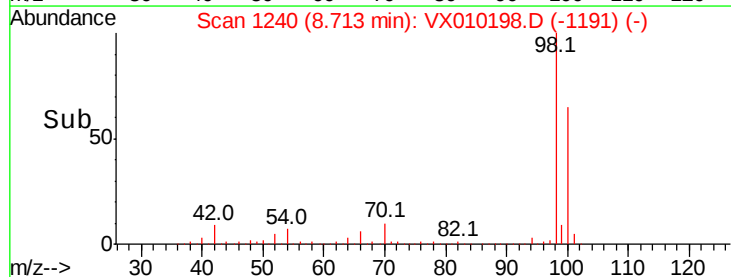
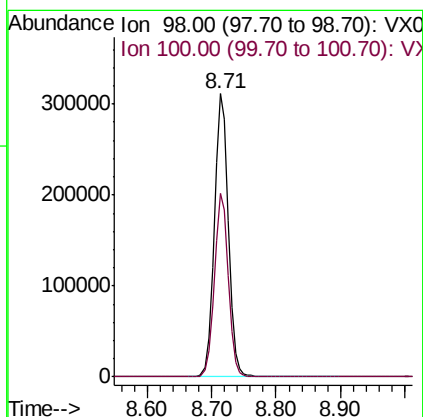
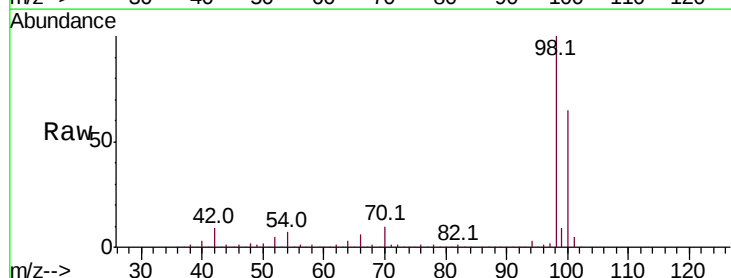
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190604

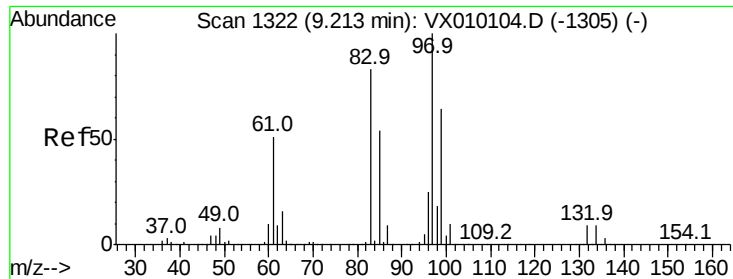
Tot Ion:130 Resp: 1468154
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 207.4



#50
 Toluene-d8
 Concen: 50.985 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010198.D
 Acq: 11 Jun 2019 00:20

Tgt Ion: 98 Resp: 477108
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.5 77.3

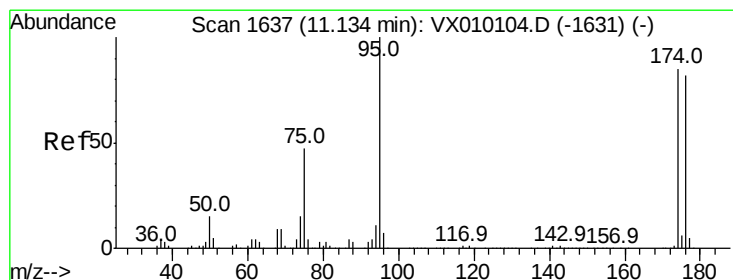
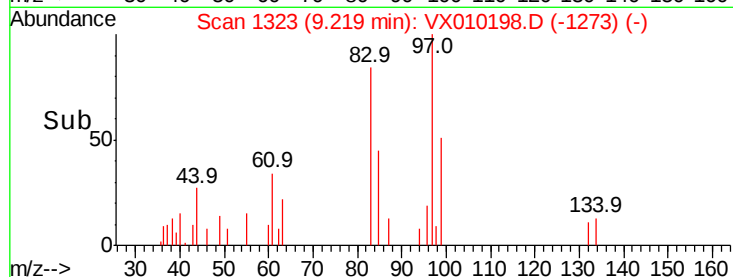
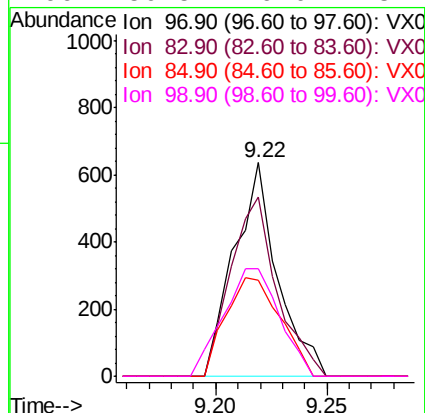
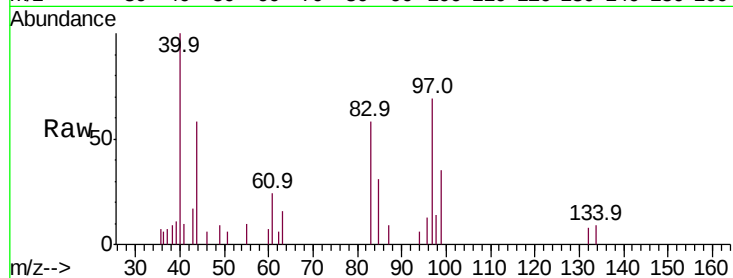




#55
 1,1,2-Trichloroethane
 Concen: 0.314 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX010198.D
 Acq: 11 Jun 2019 00:20

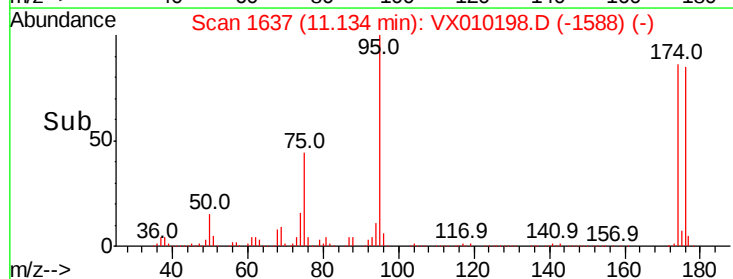
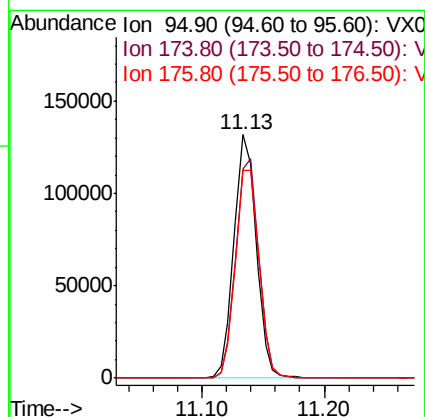
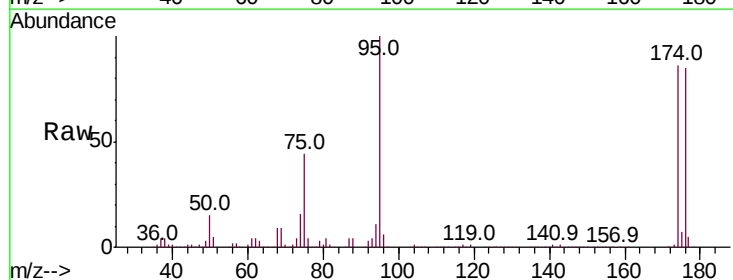
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20190604

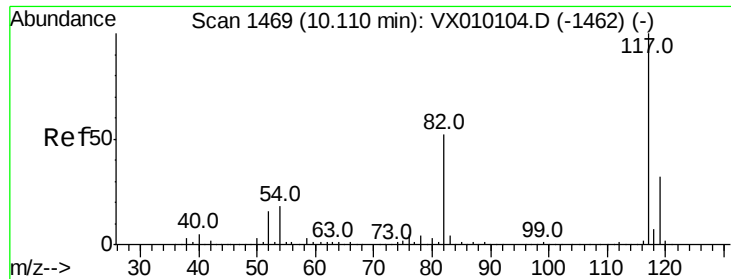
Tot Ion: 97 Resp: 864
 Ion Ratio Lower Upper
 97 100
 83 83.7 69.8 104.8
 85 44.7 45.3 67.9#
 99 50.5 49.0 73.4



#62
 4-Bromofluorobenzene
 Concen: 47.314 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010198.D
 Acq: 11 Jun 2019 00:20

Tgt Ion: 95 Resp: 165352
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 160.4
 176 90.3 0.0 154.6

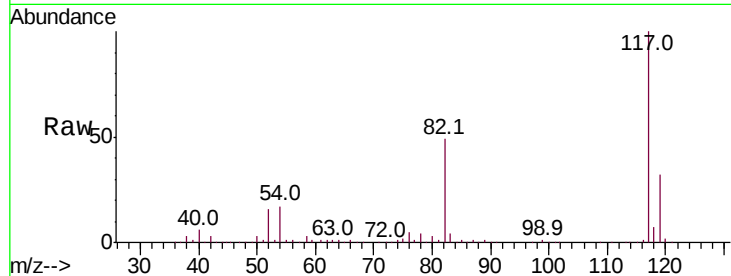




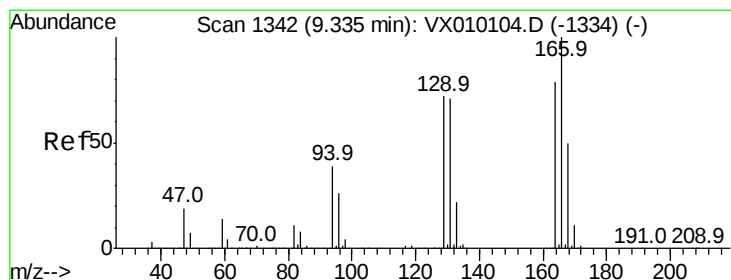
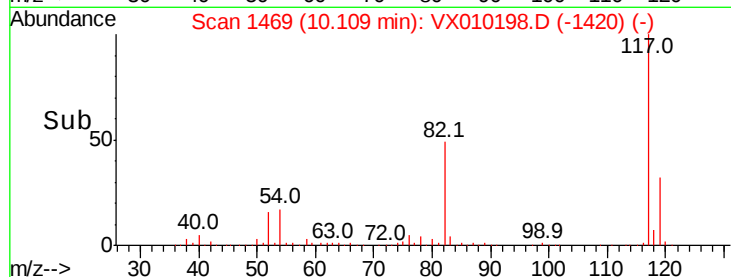
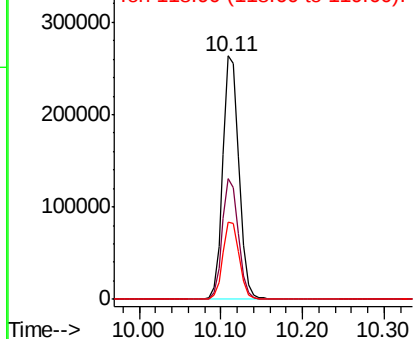
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190604

Tot Ion:117 Resp: 363088
Ion Ratio Lower Upper
117 100
82 49.5 49.2 73.8
119 31.5 25.2 37.8

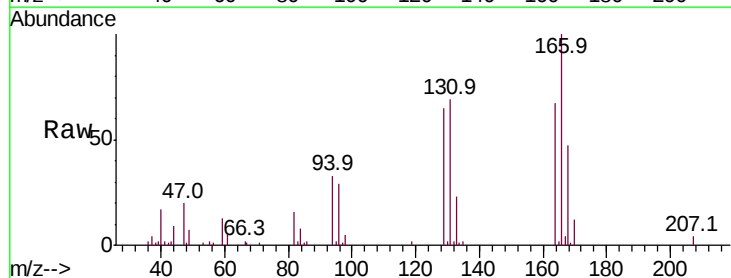


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

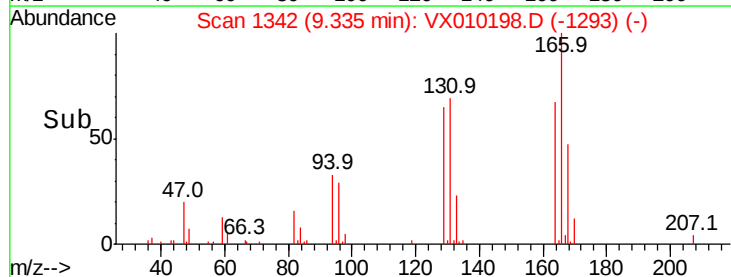
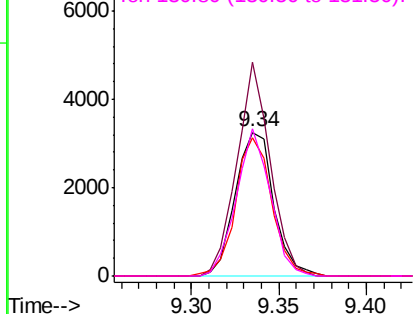


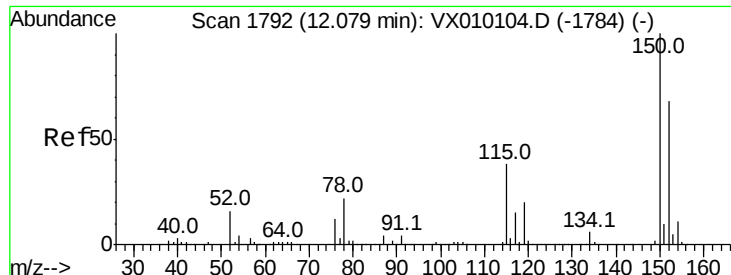
#64
Tetrachloroethene
Concen: 1.846 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010198.D
Acq: 11 Jun 2019 00:20

Tgt Ion:164 Resp: 4977
Ion Ratio Lower Upper
164 100
166 148.7 105.0 157.4
129 96.5 75.1 112.7
131 102.2 72.2 108.4



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: VX010198.D

Acq: 11 Jun 2019 00:20

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20190604

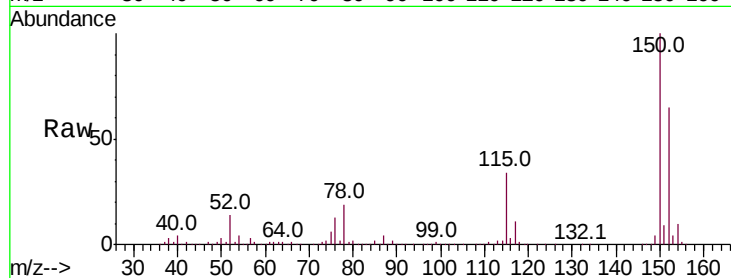
Tot Ion:152 Resp: 169882

Ion Ratio Lower Upper

152 100

115 54.4 41.4 124.2

150 158.0 0.0 345.2



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

