

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012558.D
 Acq On : 20 Sep 2019 15:35
 Operator : JC/SP
 Sample : K4858-23DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

Quant Time: Sep 21 02:19:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

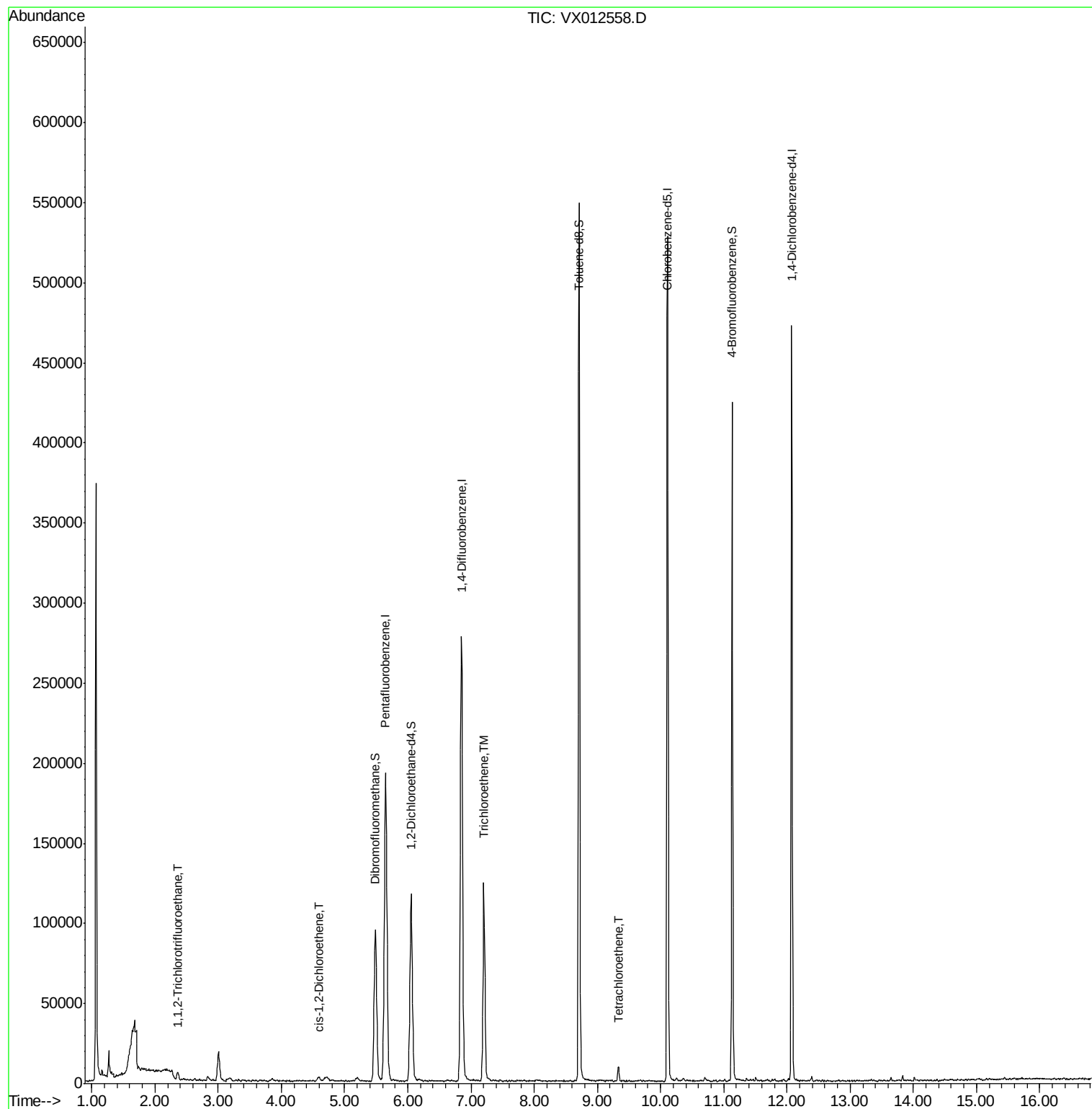
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113062	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
35) Dibromofluoromethane	5.48	113	79944	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	316801	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.14	95	113957	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1452	1.054	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	1317	0.772	ug/l	84
44) Trichloroethene	7.21	130	47216	33.930	ug/l	99
64) Tetrachloroethene	9.33	164	1587	1.505	ug/l	90

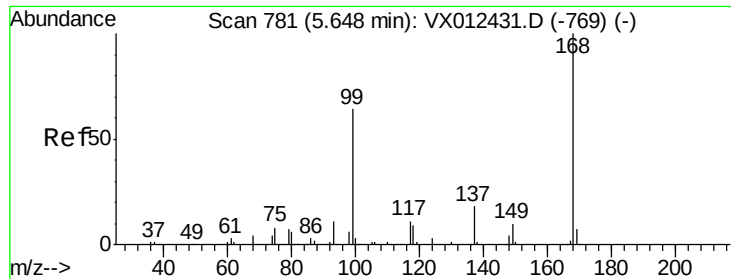
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012558.D
Acq On : 20 Sep 2019 15:35
Operator : JC/SP
Sample : K4858-23DL 4X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Quant Time: Sep 21 02:19:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

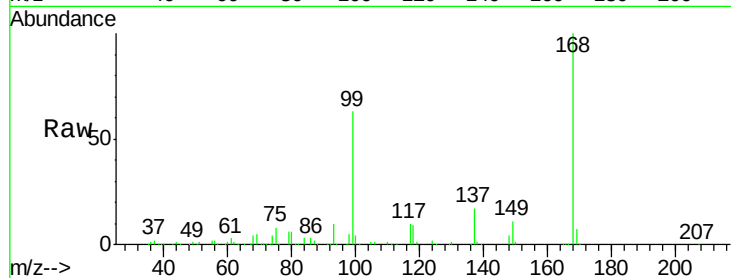
RE132D1-20190911DL

Tot Ion:168 Resp: 174841

Ion Ratio Lower Upper

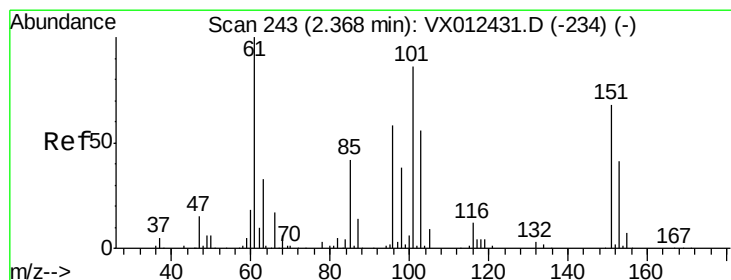
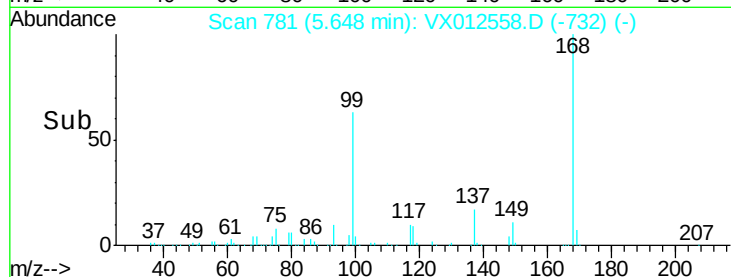
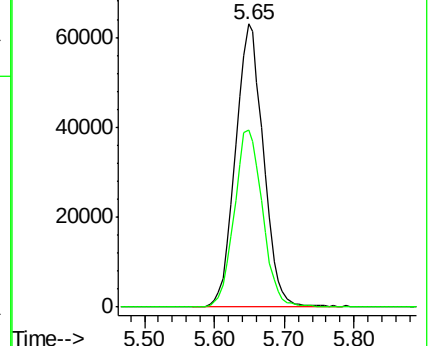
168 100

99 62.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.054 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

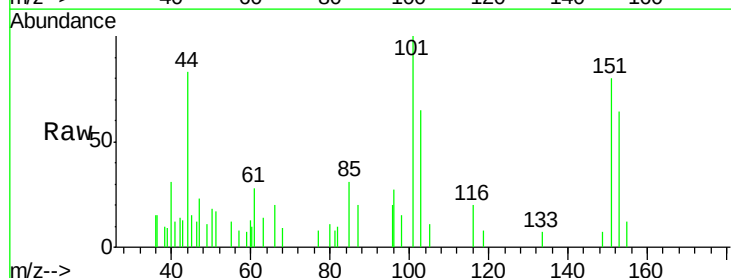
Tgt Ion:101 Resp: 1452

Ion Ratio Lower Upper

101 100

85 49.4 37.3 55.9

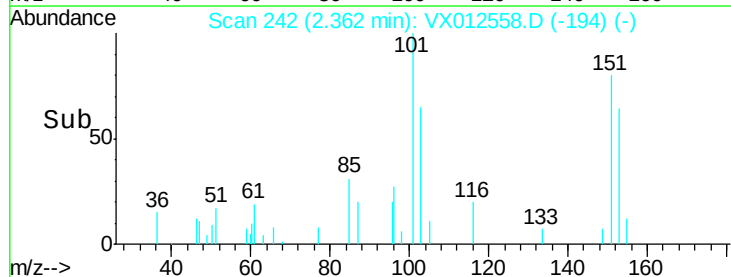
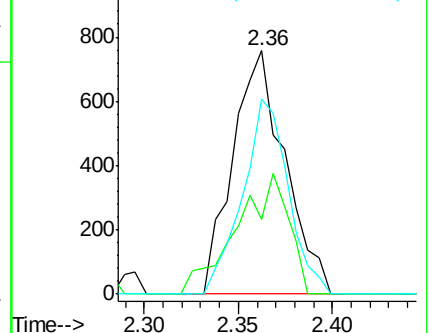
151 70.4 61.0 91.4

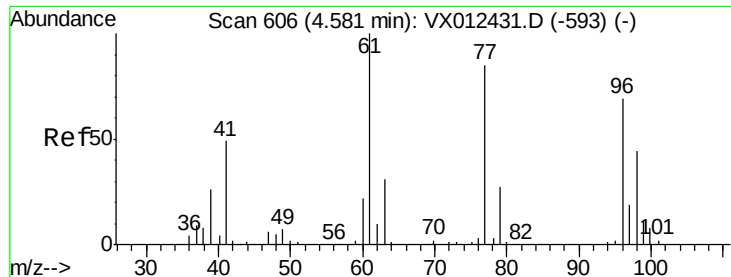


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



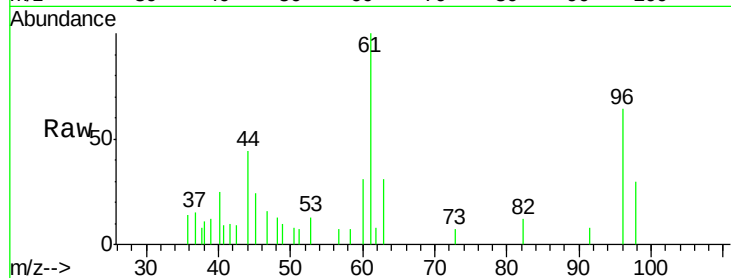


#27

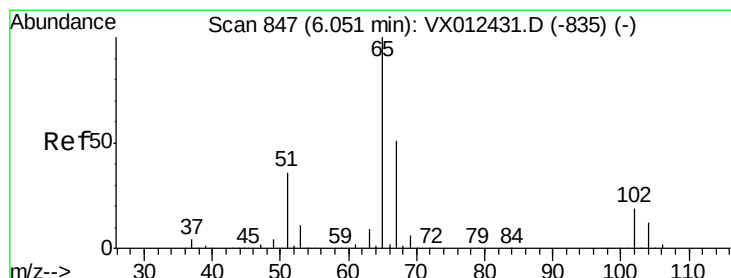
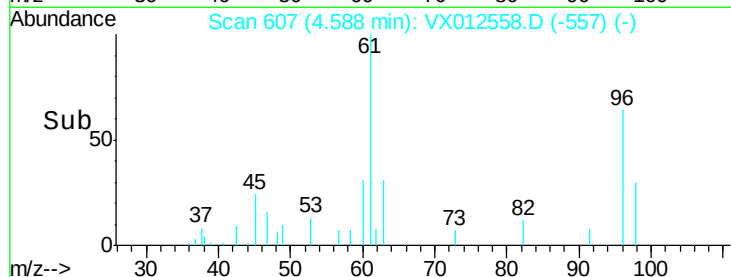
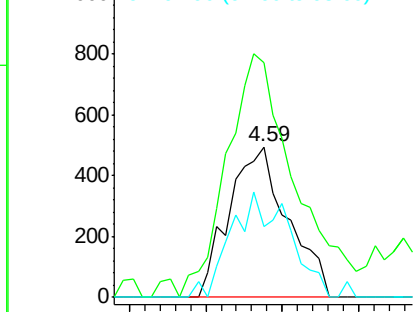
cis-1,2-Dichloroethene
Concen: 0.772 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tot Ion: 96 Resp: 1317
Ion Ratio Lower Upper
96 100
61 187.5 0.0 319.4
98 68.5 0.0 130.6



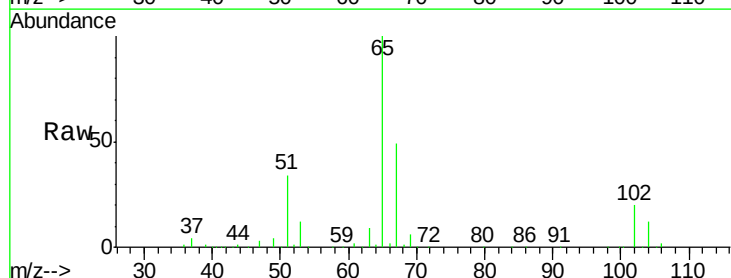
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



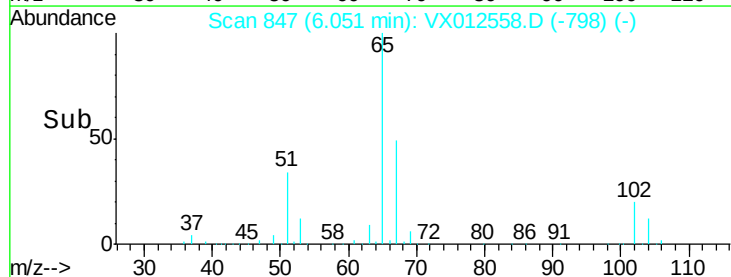
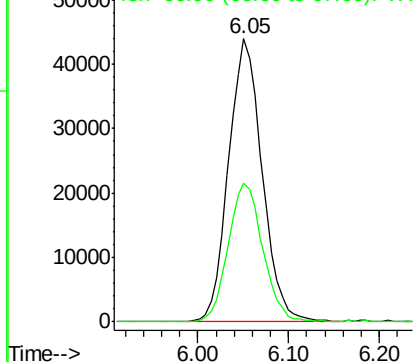
#33

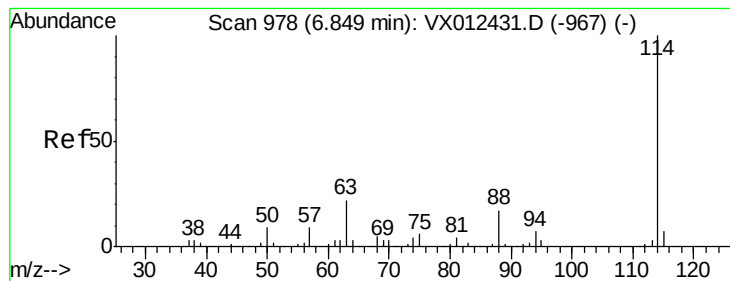
1,2-Dichloroethane-d4
Concen: 45.120 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

Tgt Ion: 65 Resp: 113062
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

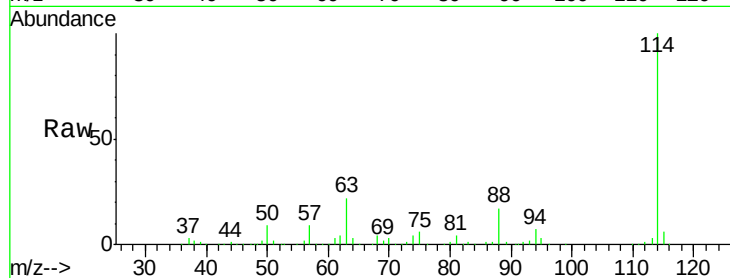
Tot Ion:114 Resp: 273723

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

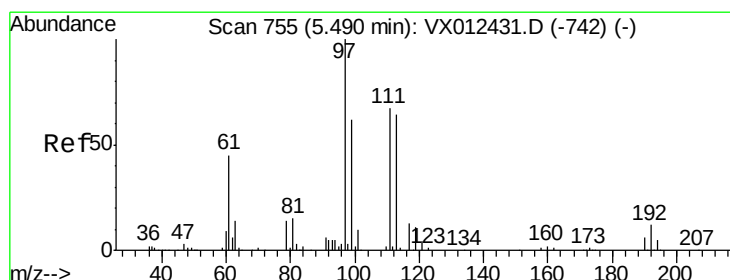
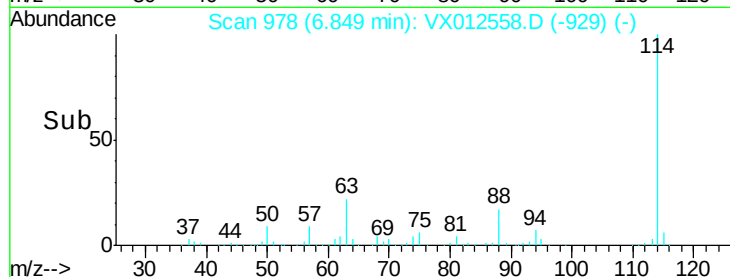
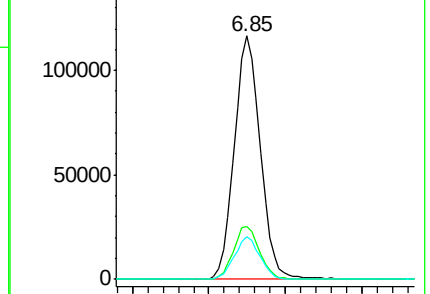
88 17.5 0.0 33.2



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: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

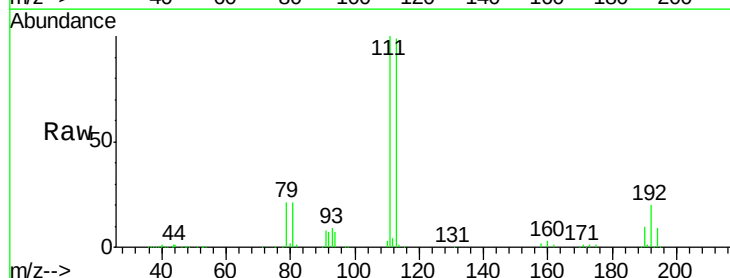
Tgt Ion:113 Resp: 79944

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

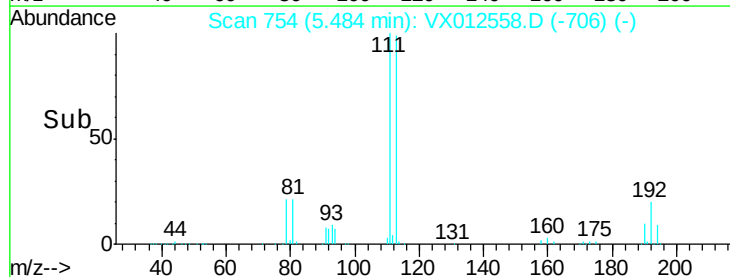
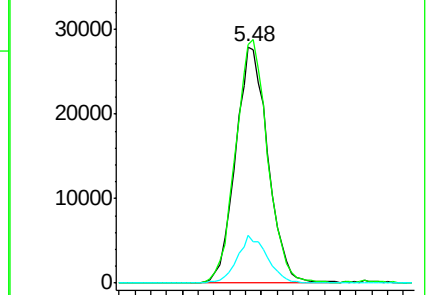
192 18.7 14.4 21.6

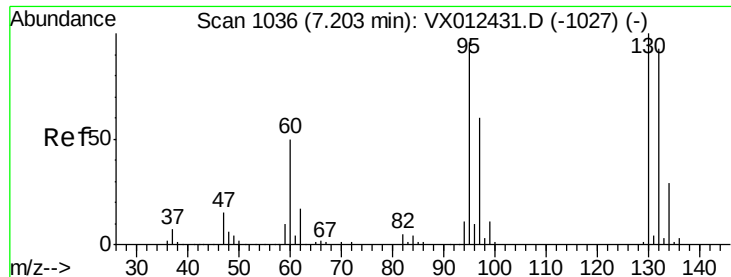


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 33.930 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

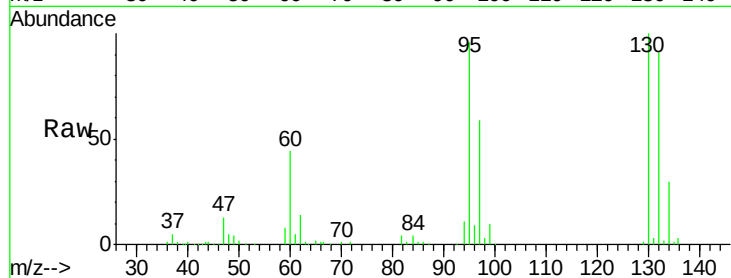
RE132D1-20190911DL

Tot Ion:130 Resp: 47216

Ion Ratio Lower Upper

130 100

95 95.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

25000

20000

15000

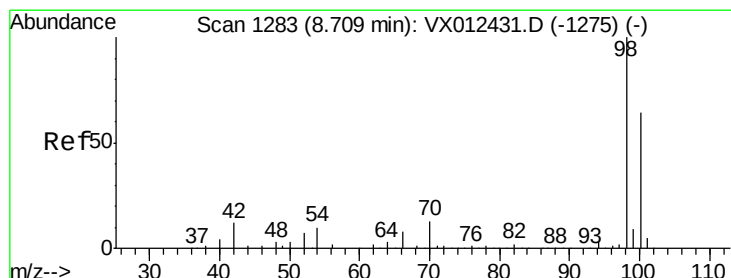
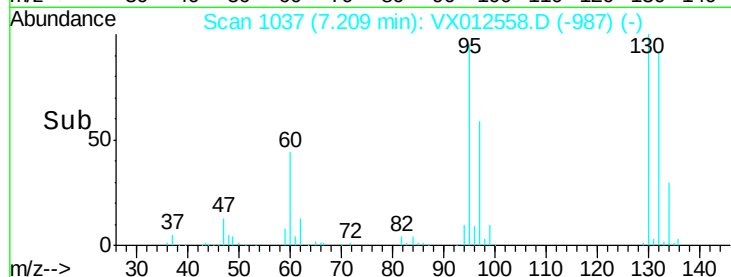
10000

5000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 51.661 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012558.D

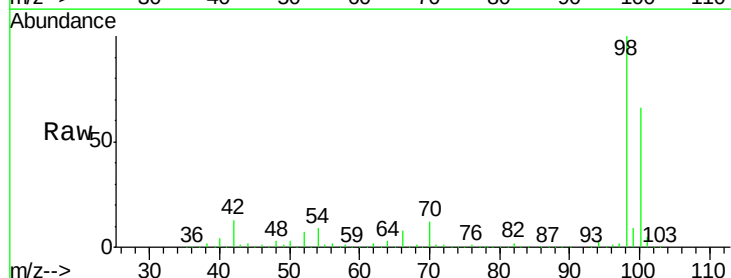
Acq: 20 Sep 2019 15:35

Tgt Ion: 98 Resp: 316801

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

200000

150000

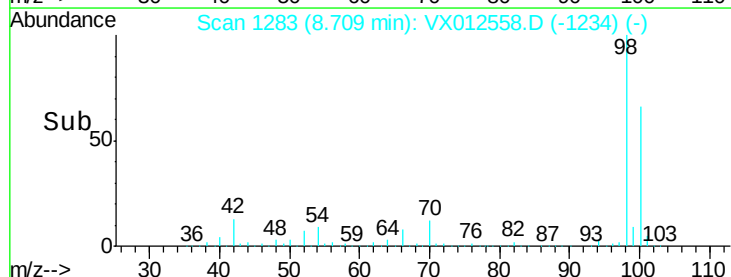
100000

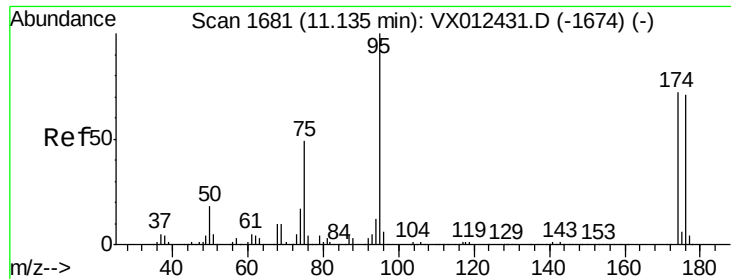
50000

0

Time-->

8.60 8.70 8.80

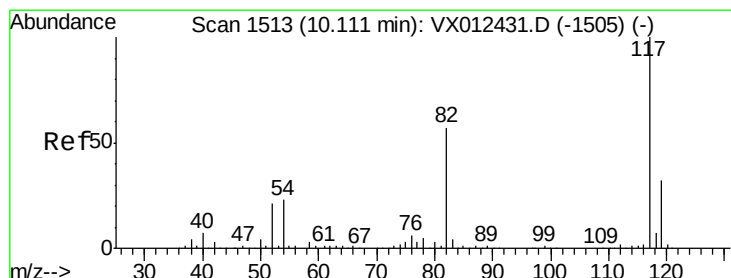
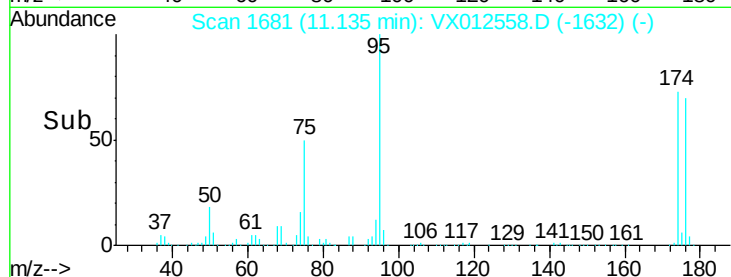
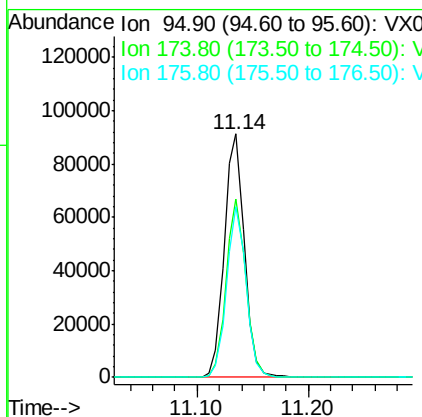
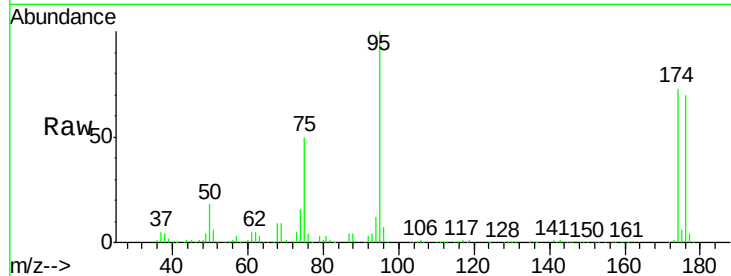




#62
4-Bromofluorobenzene
Concen: 44.756 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

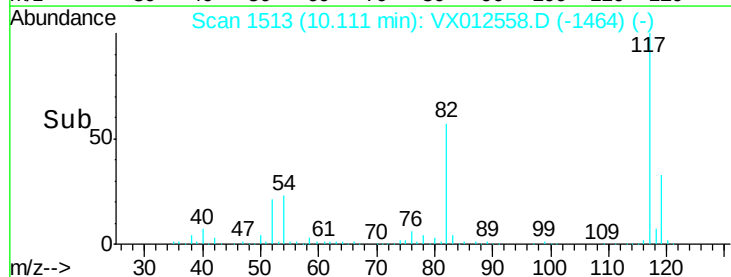
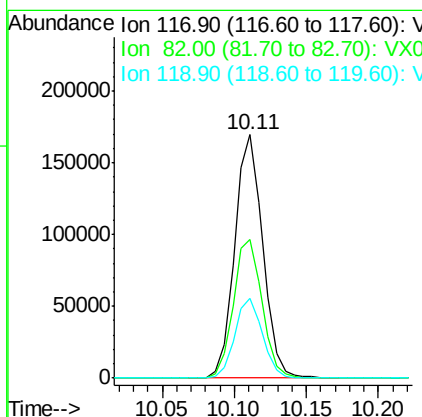
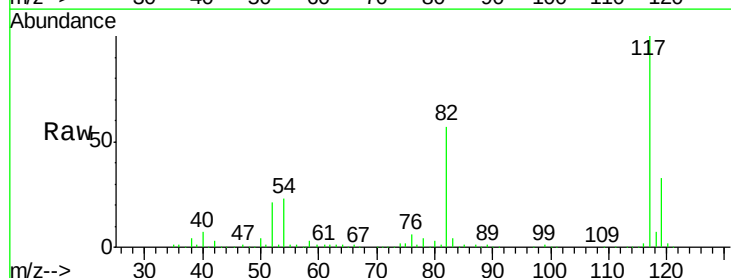
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

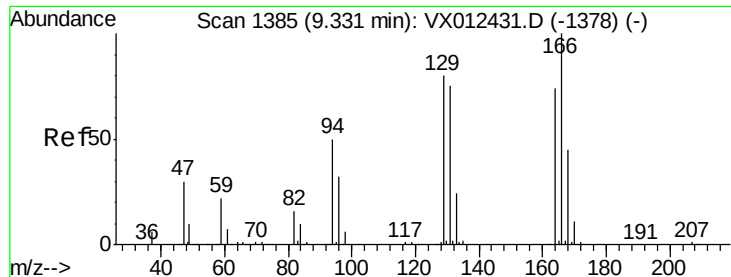
Tot Ion: 95 Resp: 113957
Ion Ratio Lower Upper
95 100
174 72.2 0.0 140.0
176 68.1 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

Tgt Ion: 117 Resp: 230133
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 32.7 25.3 37.9





#64

Tetrachloroethene

Concen: 1.505 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

Tot Ion:164 Resp: 1587

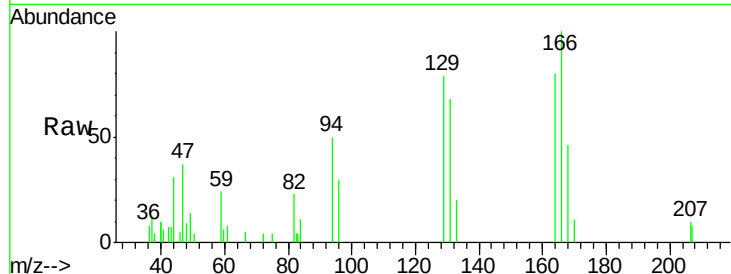
Ion Ratio Lower Upper

164 100

166 125.6 107.8 161.6

129 99.4 86.2 129.2

131 85.4 80.4 120.6

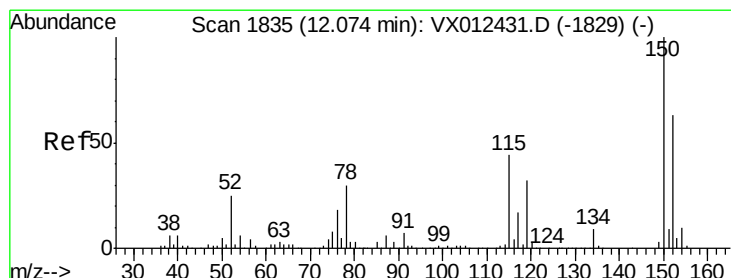
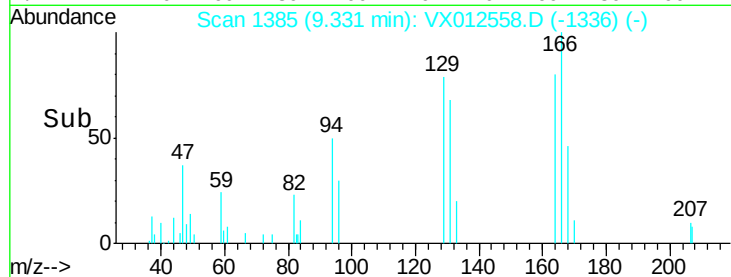
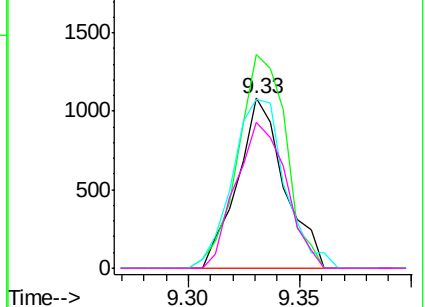


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

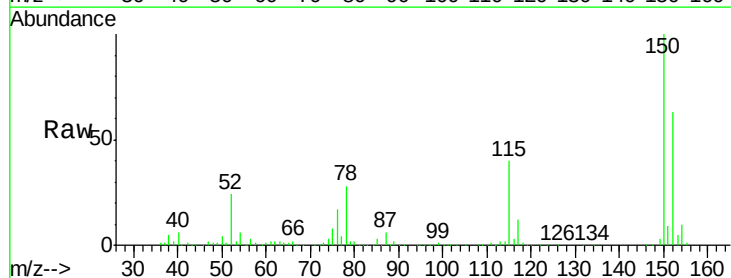
Tgt Ion:152 Resp: 87876

Ion Ratio Lower Upper

152 100

115 62.7 44.1 132.3

150 159.9 0.0 343.8



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

