

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012536.D
 Acq On : 19 Sep 2019 18:17
 Operator : JC/SP
 Sample : K4858-23DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

Quant Time: Sep 20 06:34:49 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

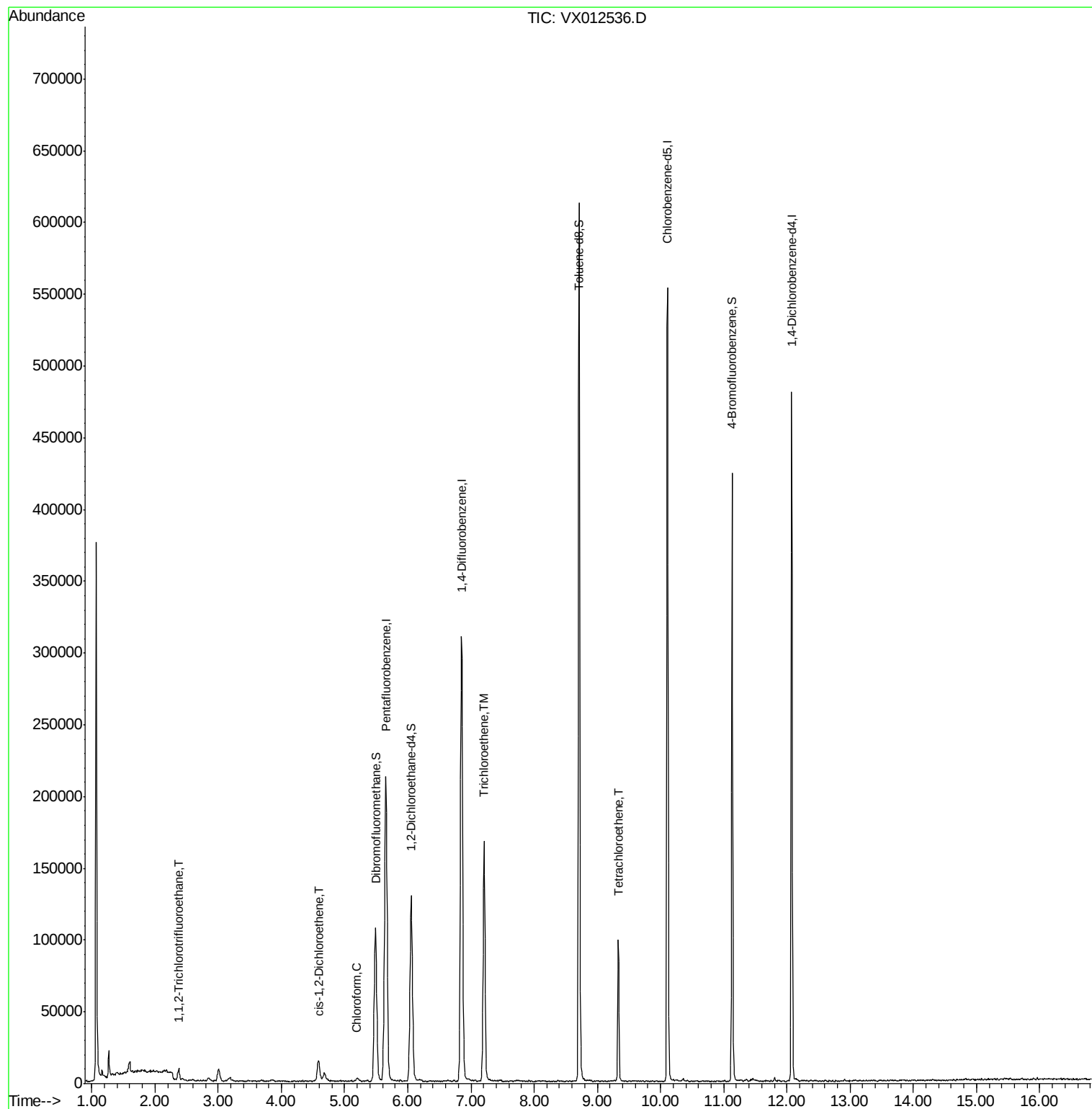
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	89977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	127263	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
35) Dibromofluoromethane	5.49	113	88835	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	345724	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	117073	41.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.38%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2405	1.608	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	8825	4.769	ug/l	89
30) Chloroform	5.19	83	2305	0.645	ug/l #	76
44) Trichloroethene	7.20	130	63056	41.082	ug/l	95
64) Tetrachloroethene	9.33	164	18149	16.071	ug/l	92

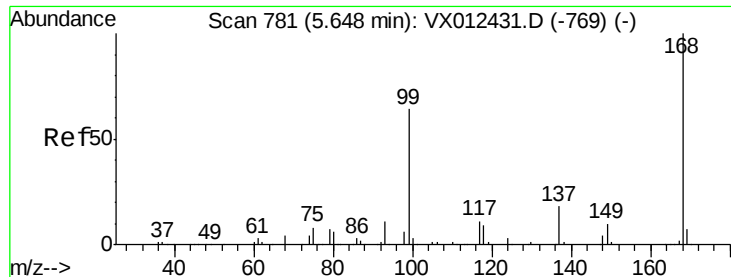
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.01 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

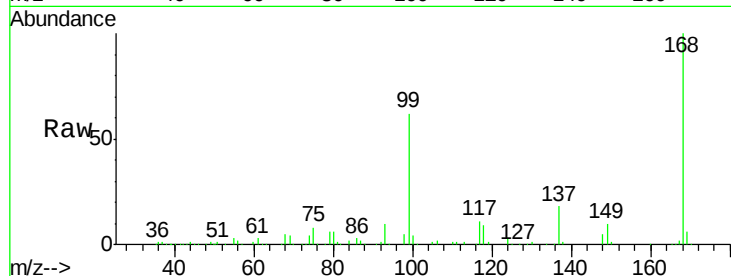
RE132D1-20190911DL

Tot Ion:168 Resp: 189731

Ion Ratio Lower Upper

168 100

99 62.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

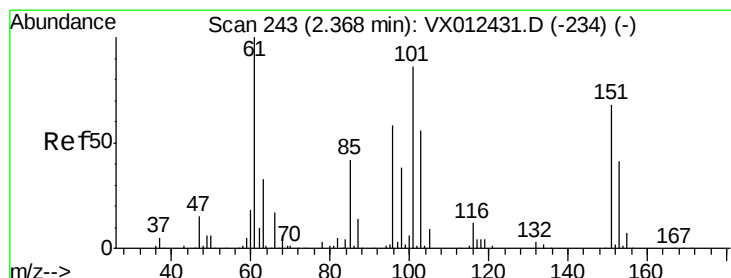
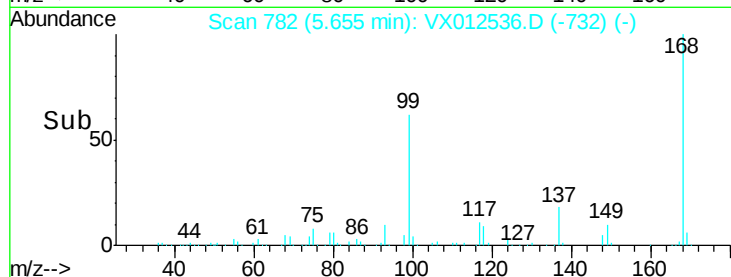
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.608 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

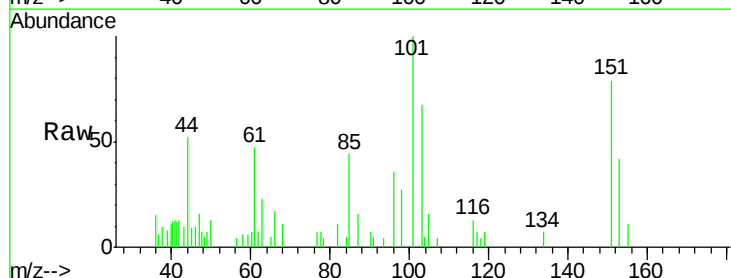
Tgt Ion:101 Resp: 2405

Ion Ratio Lower Upper

101 100

85 54.1 37.3 55.9

151 78.2 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

1500

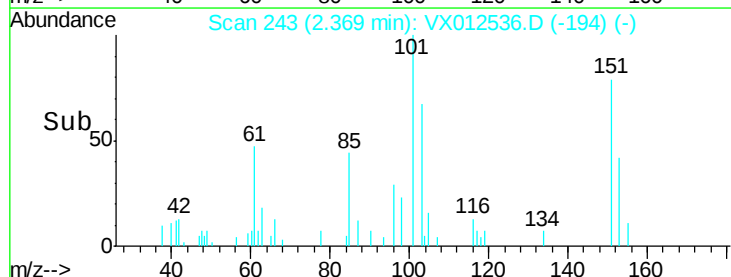
1000

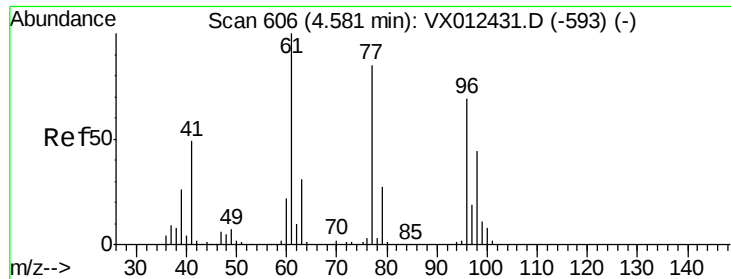
500

0

Time-->

2.30 2.35 2.40 2.45

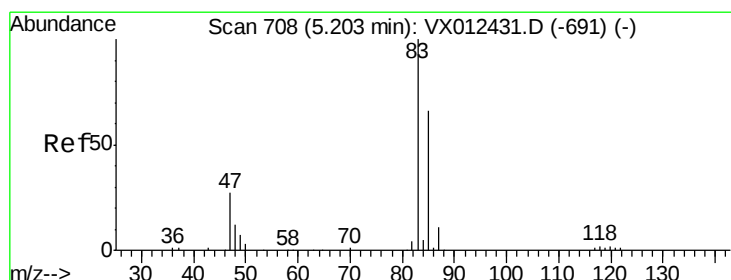
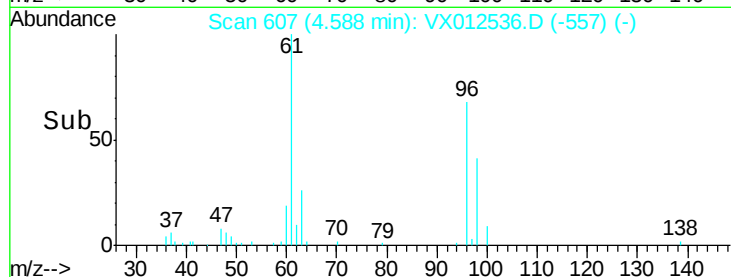
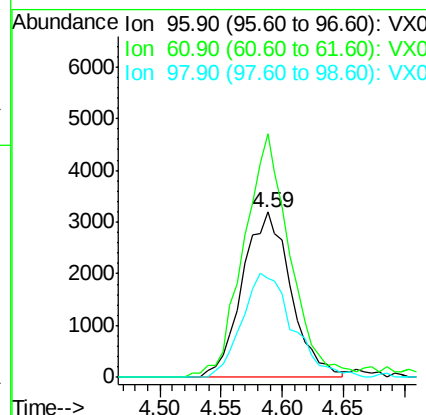
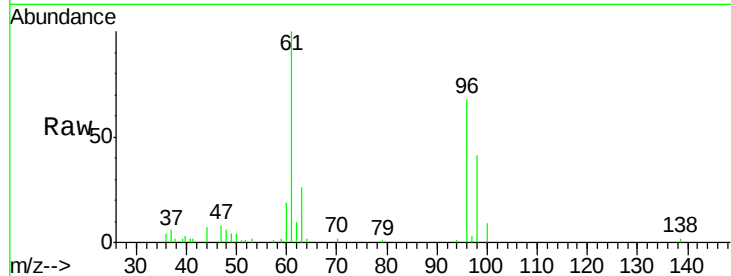




#27
 cis-1,2-Dichloroethene
 Concen: 4.769 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

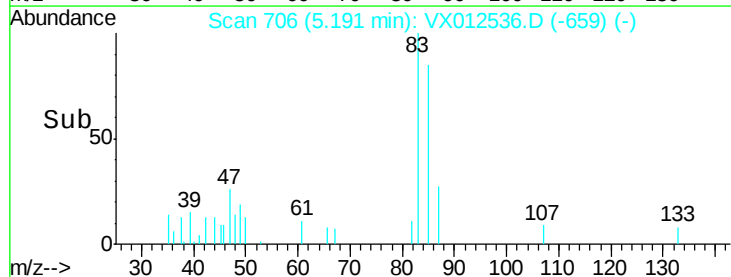
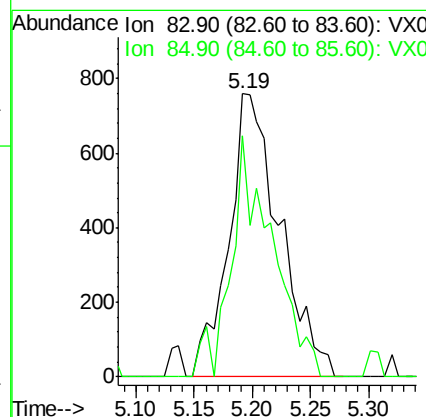
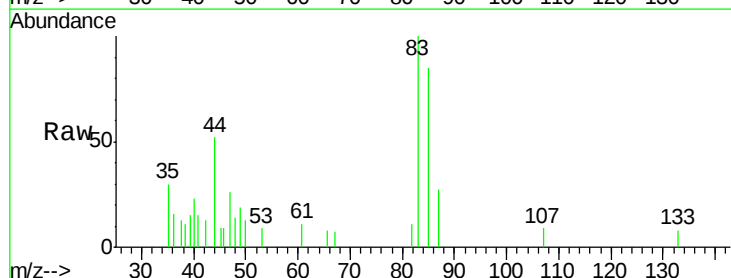
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

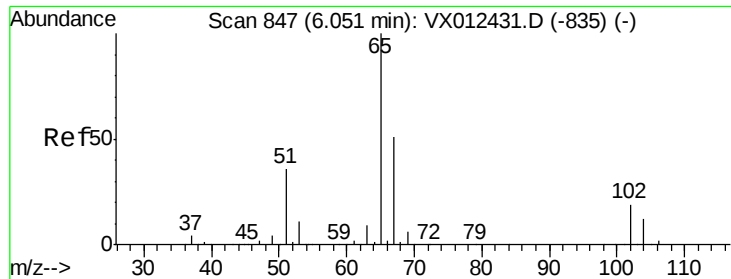
Tot Ion: 96 Resp: 8825
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 319.4
 98 66.0 0.0 130.6



#30
 Chloroform
 Concen: 0.645 ug/l
 RT: 5.19 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Tgt Ion: 83 Resp: 2305
 Ion Ratio Lower Upper
 83 100
 85 85.0 53.0 79.4#

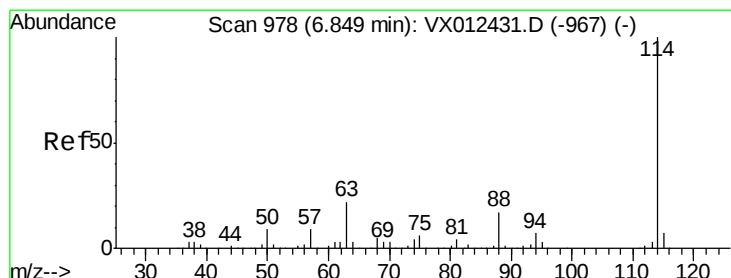
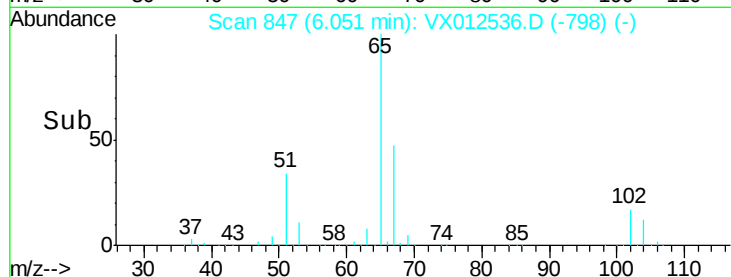
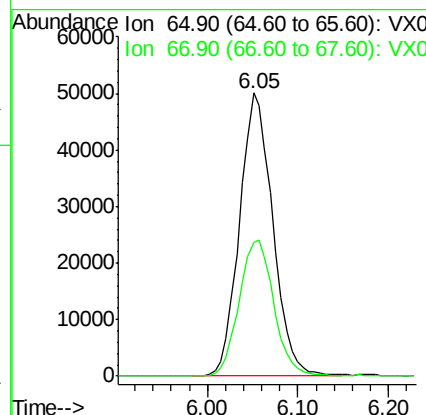
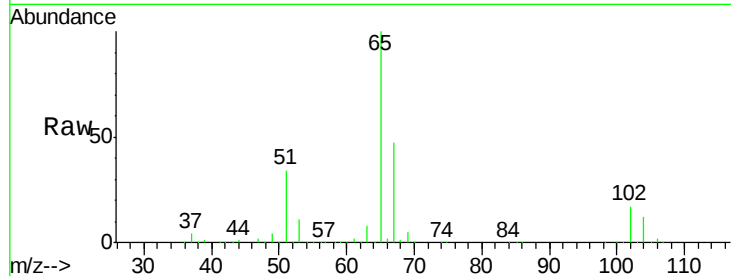




#33
 1,2-Dichloroethane-d4
 Concen: 46.801 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

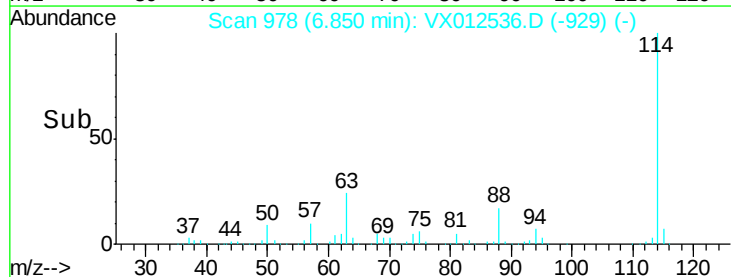
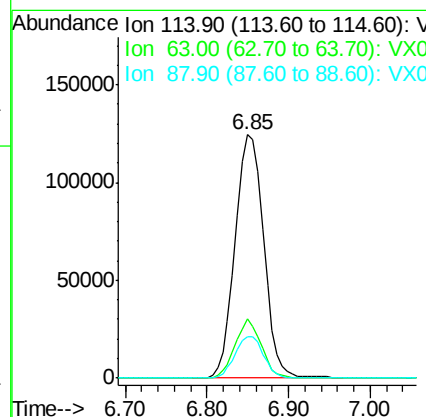
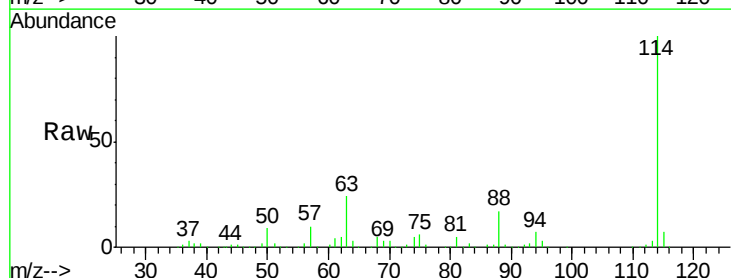
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

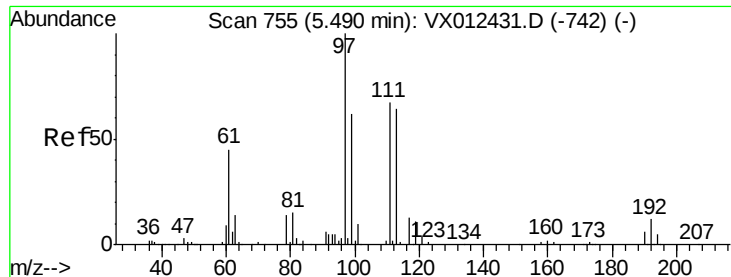
Tot Ion: 65 Resp: 127263
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Tgt Ion: 114 Resp: 301917
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 43.2
 88 17.1 0.0 33.2

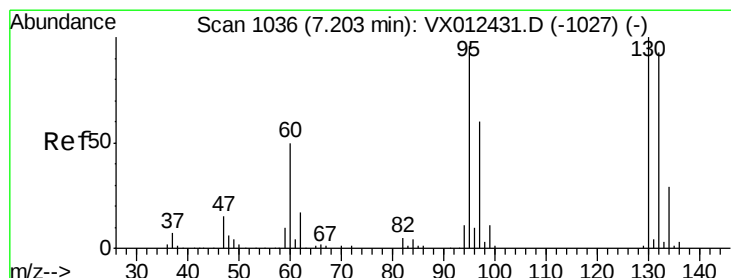
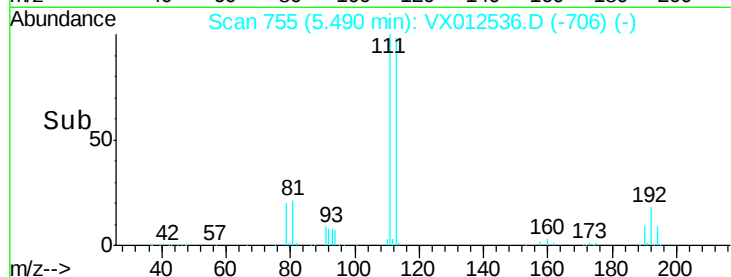
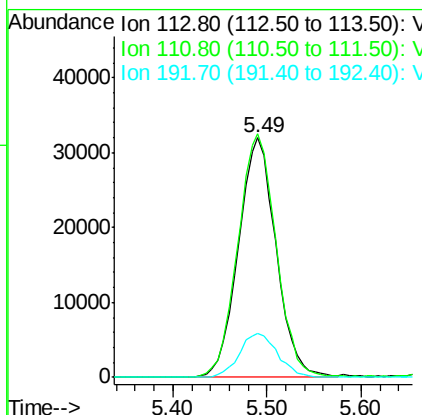
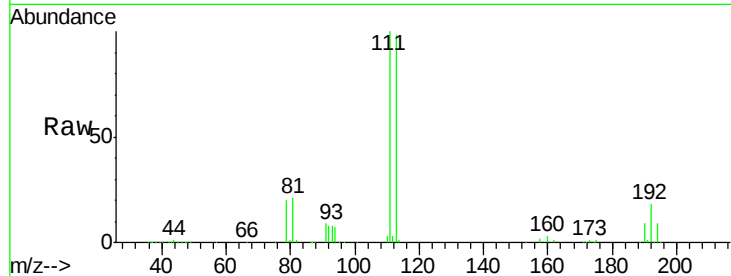




#35
 Dibromofluoromethane
 Concen: 48.613 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

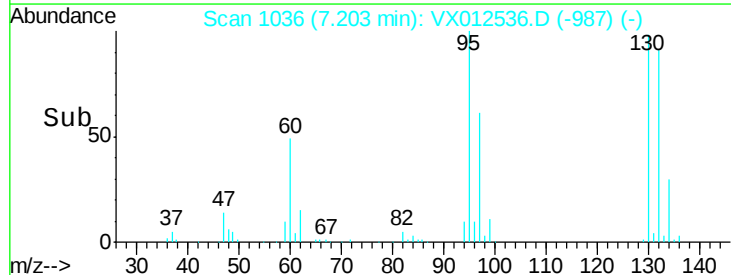
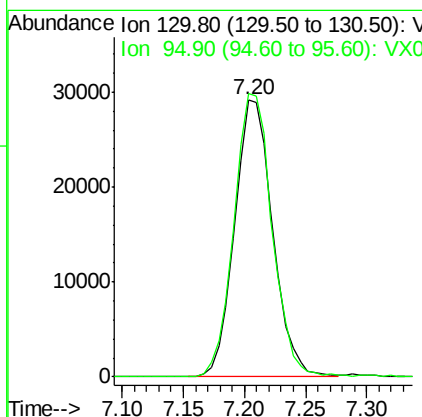
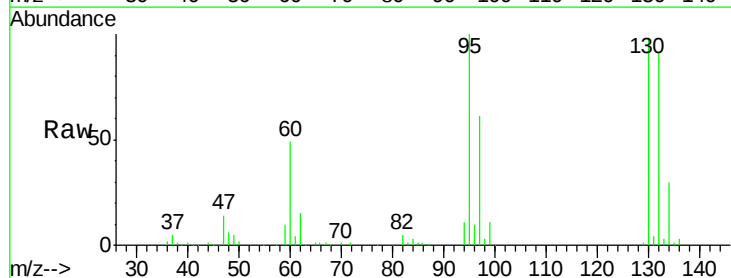
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

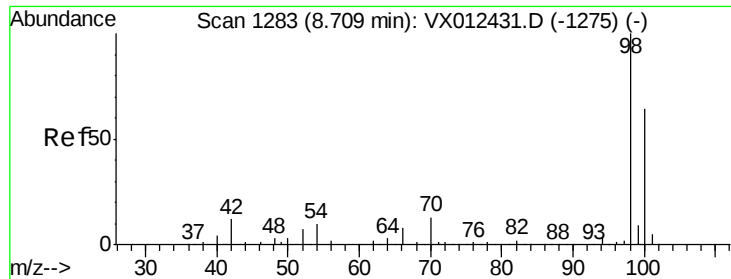
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	18.6	14.4	21.6



#44
 Trichloroethene
 Concen: 41.082 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012536.D
 Acq: 19 Sep 2019 18:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	193.0

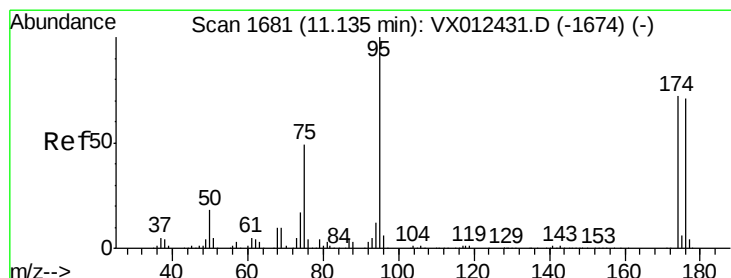
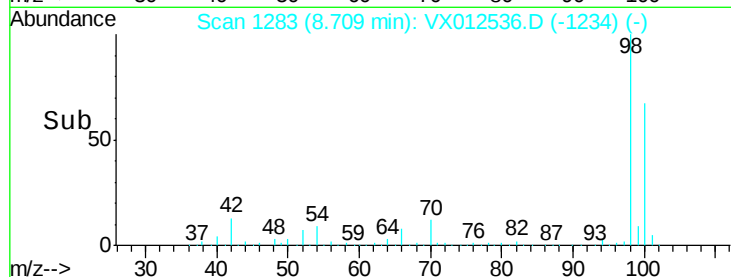
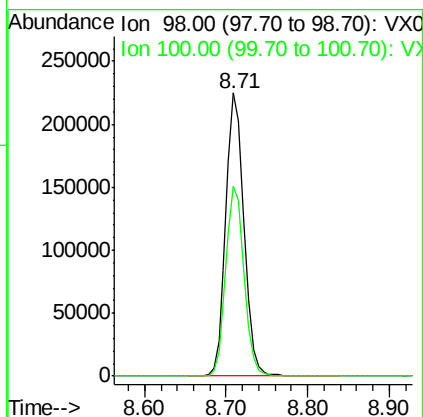
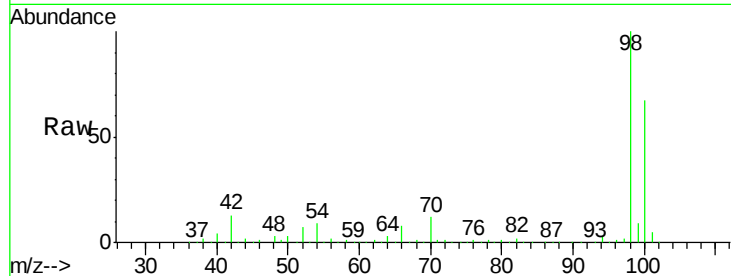




#50
Toluene-d8
Concen: 51.113 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

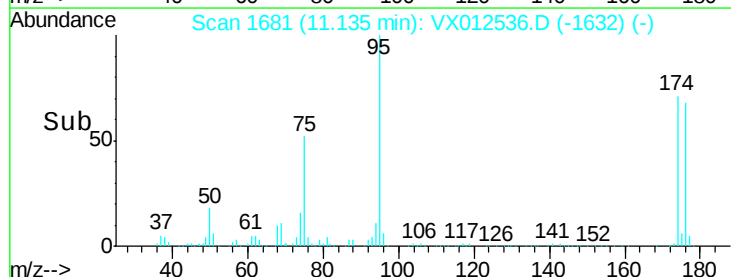
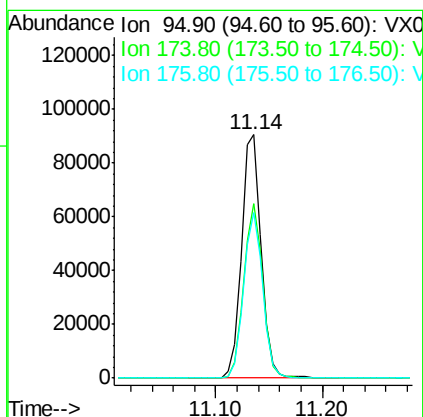
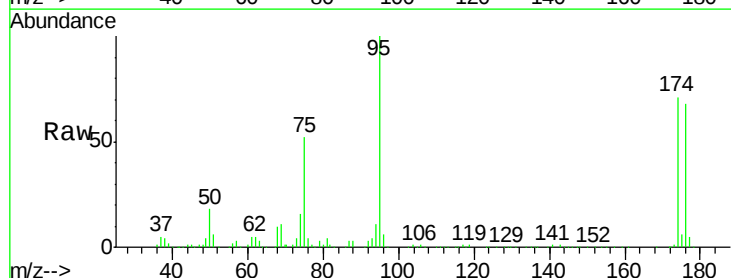
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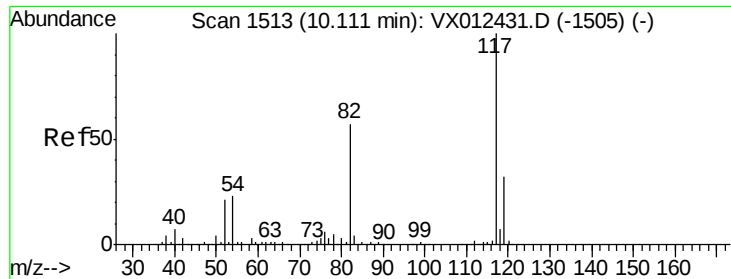
Tot Ion: 98 Resp: 345724
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 41.686 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion: 95 Resp: 117073
Ion Ratio Lower Upper
95 100
174 69.6 0.0 140.0
176 66.4 0.0 135.4

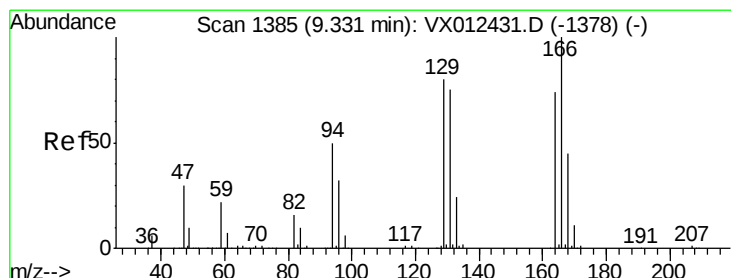
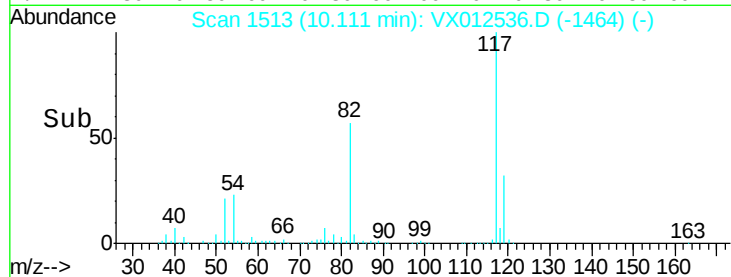
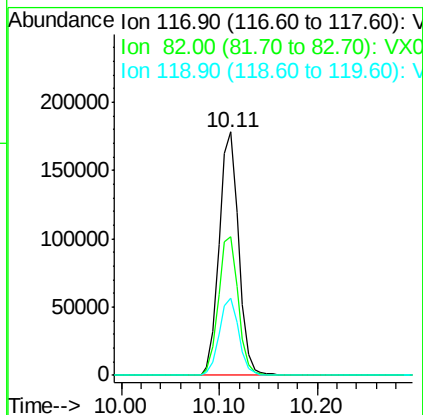
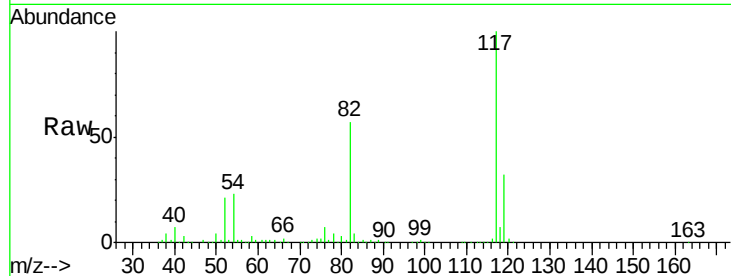




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

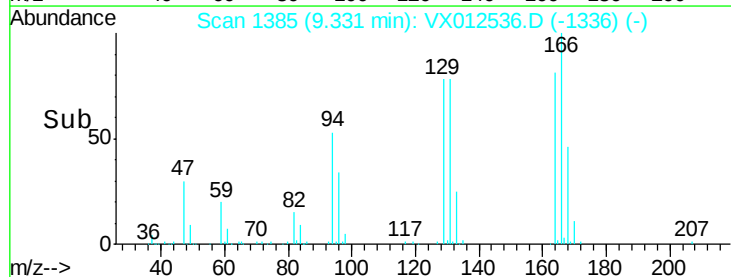
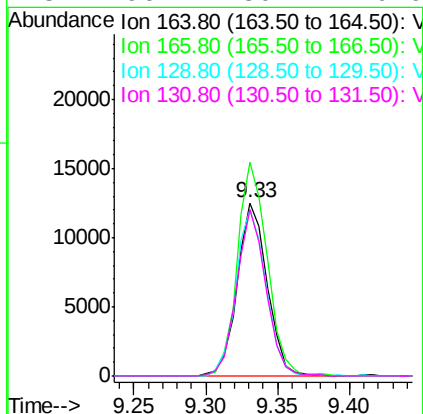
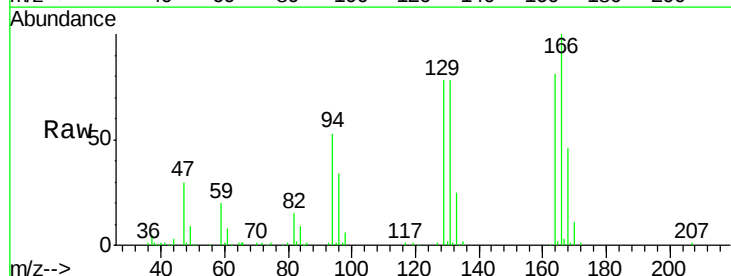
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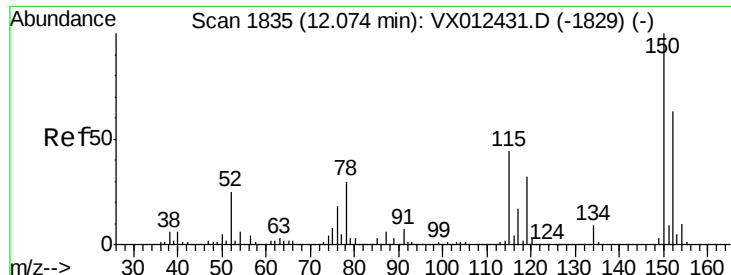
Tot Ion:117 Resp: 246443
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 16.071 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012536.D
Acq: 19 Sep 2019 18:17

Tgt Ion:164 Resp: 18149
Ion Ratio Lower Upper
164 100
166 123.6 107.8 161.6
129 96.6 86.2 129.2
131 96.1 80.4 120.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012536.D

Acq: 19 Sep 2019 18:17

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

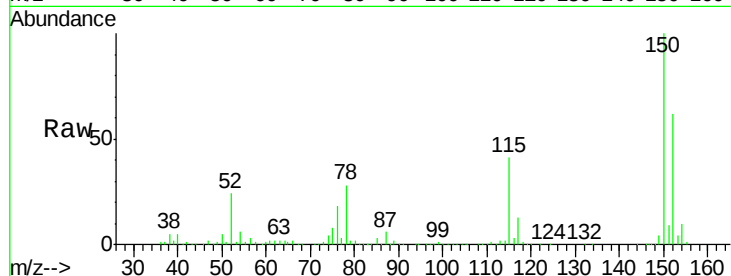
Tot Ion:152 Resp: 89977

Ion Ratio Lower Upper

152 100

115 63.8 44.1 132.3

150 157.8 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

