

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012458.D
 Acq On : 18 Sep 2019 01:44
 Operator : JC/SP
 Sample : K4858-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190910

Quant Time: Sep 18 05:15:35 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	159459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	109766	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
35) Dibromofluoromethane	5.49	113	76604	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	298596	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.14	95	115445	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

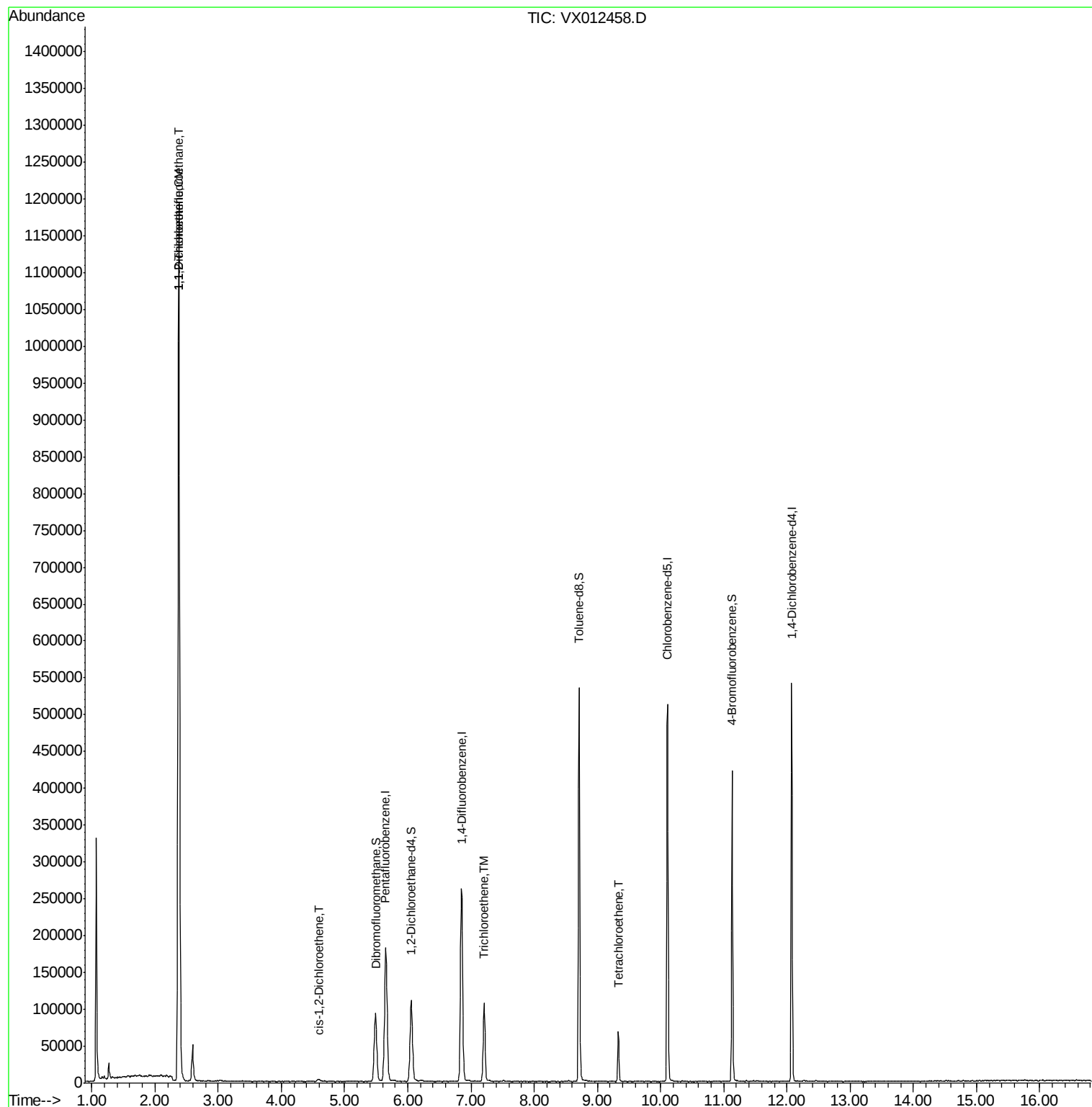
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	466450	371.165	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3745	3.736	ug/l #	66
27) cis-1,2-Dichloroethene	4.59	96	1988	1.278	ug/l	83
44) Trichloroethene	7.21	130	40637	31.102	ug/l	96
64) Tetrachloroethene	9.33	164	11763	11.466	ug/l	94

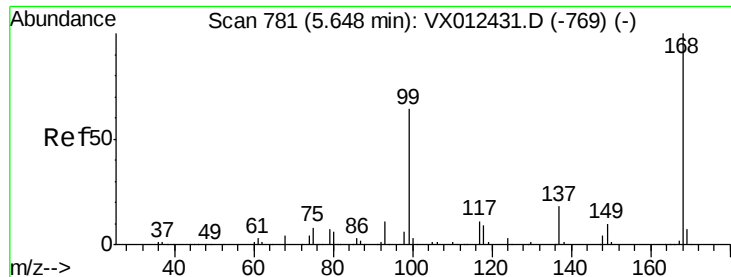
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012458.D

Acq: 18 Sep 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

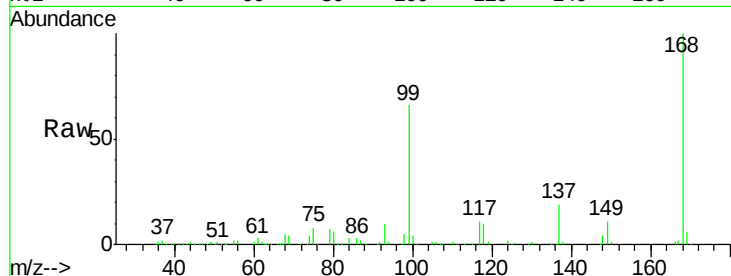
RE131D3-20190910

Tot Ion:168 Resp: 159459

Ion Ratio Lower Upper

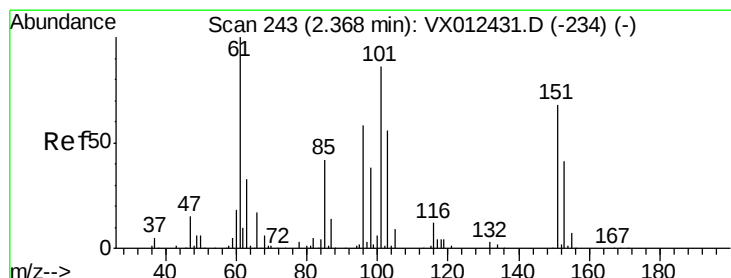
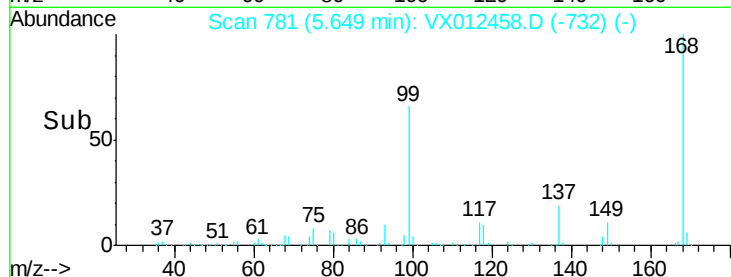
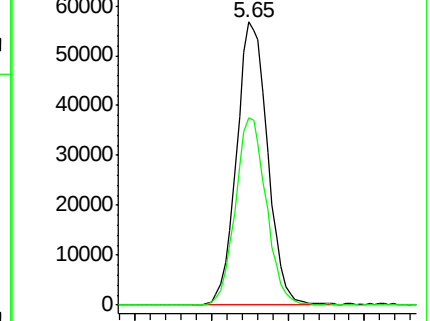
168 100

99 66.0 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: 371.165 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012458.D

Acq: 18 Sep 2019 01:44

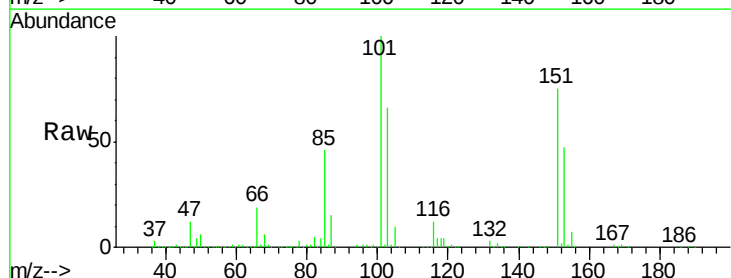
Tgt Ion:101 Resp: 466450

Ion Ratio Lower Upper

101 100

85 45.2 37.3 55.9

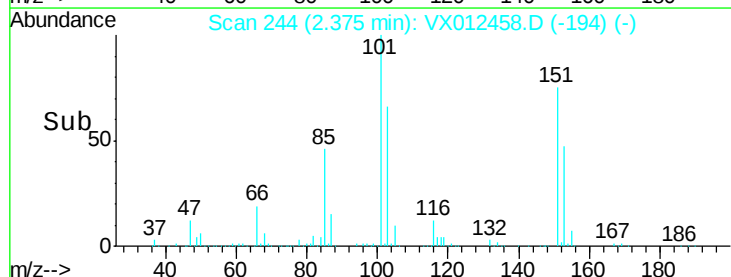
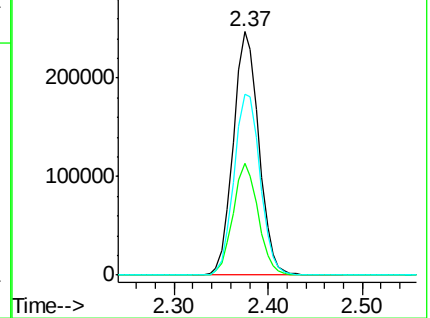
151 76.6 61.0 91.4

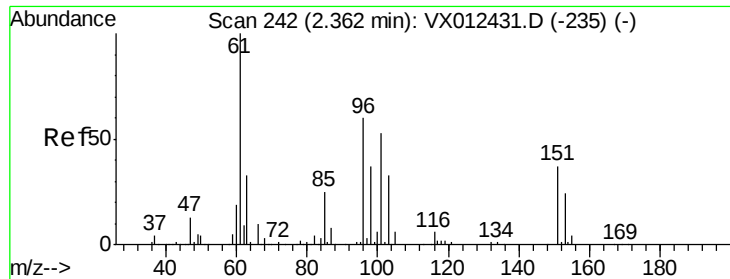


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 3.736 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012458.D

Acq: 18 Sep 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20190910

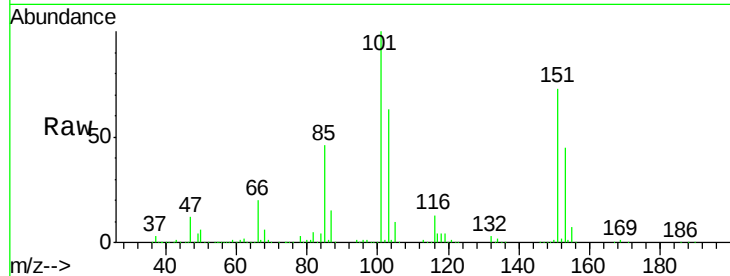
Tot Ion: 96 Resp: 3745

Ion Ratio Lower Upper

96 100

61 114.5 133.8 200.6#

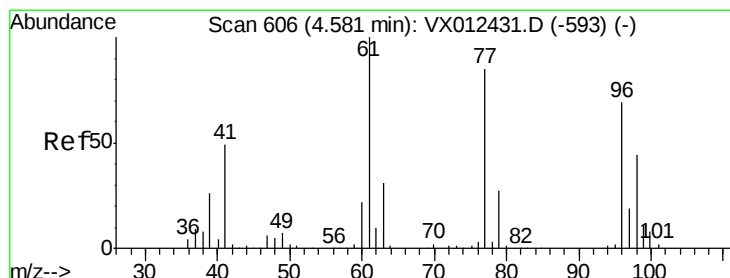
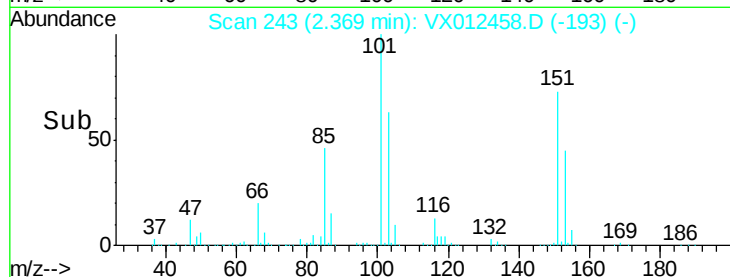
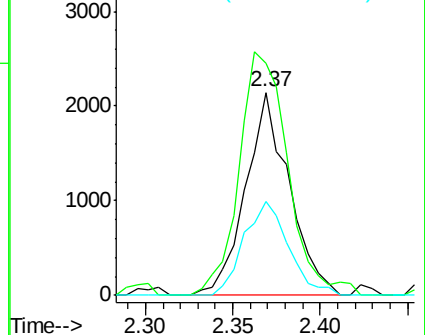
98 46.5 49.9 74.9#



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: 1.278 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012458.D

Acq: 18 Sep 2019 01:44

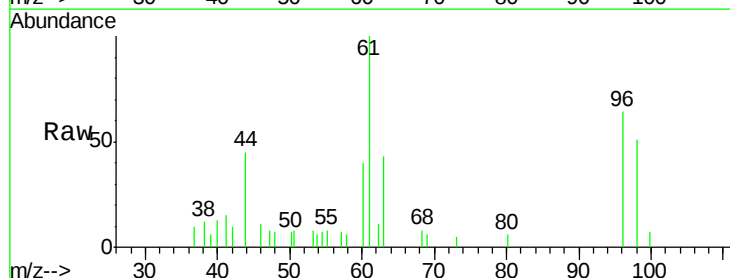
Tgt Ion: 96 Resp: 1988

Ion Ratio Lower Upper

96 100

61 145.6 0.0 319.4

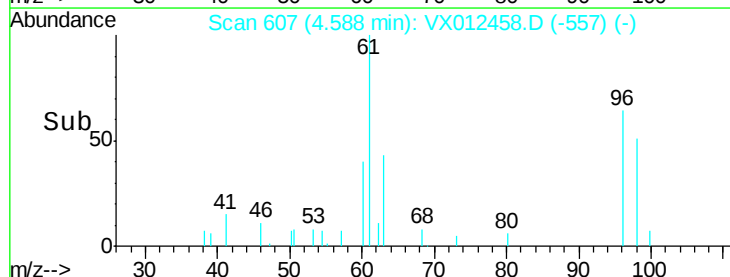
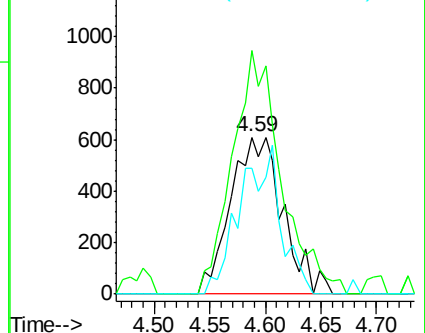
98 40.7 0.0 130.6

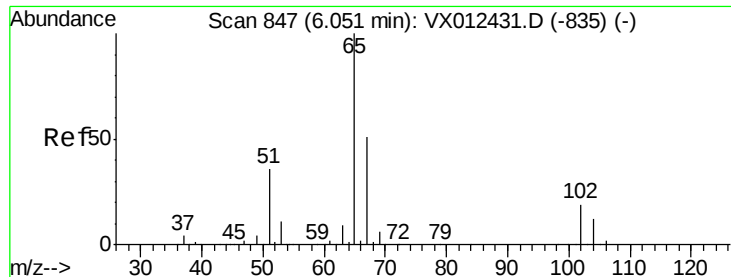


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

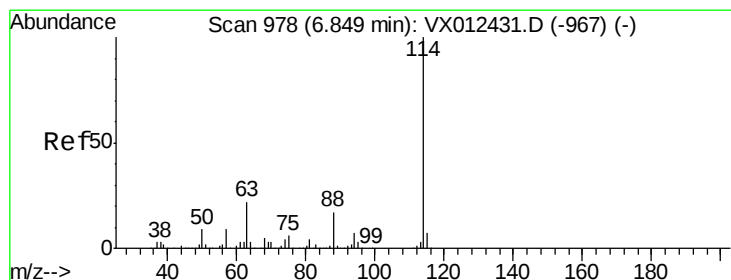
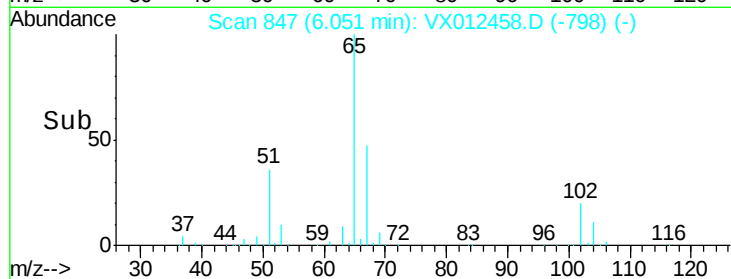
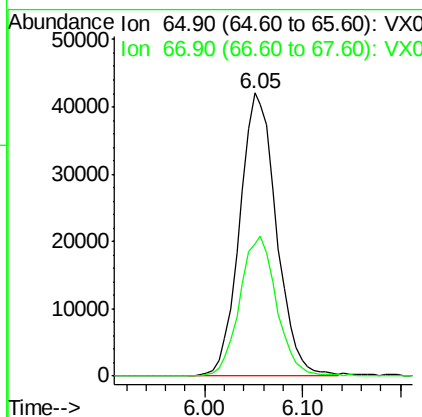
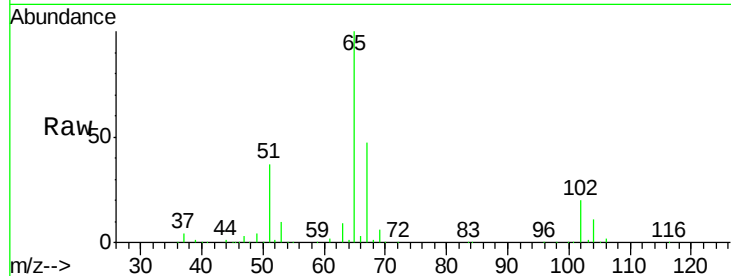




#33
 1,2-Dichloroethane-d4
 Concen: 48.030 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012458.D
 Acq: 18 Sep 2019 01:44

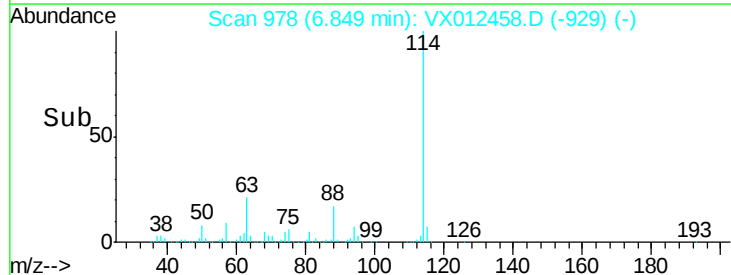
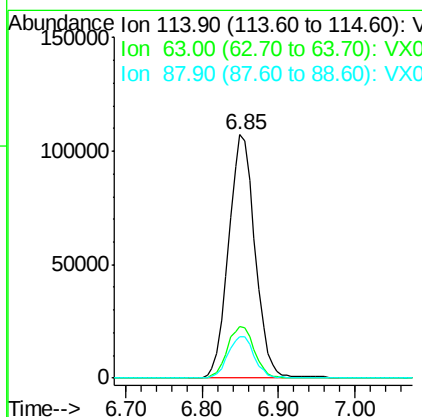
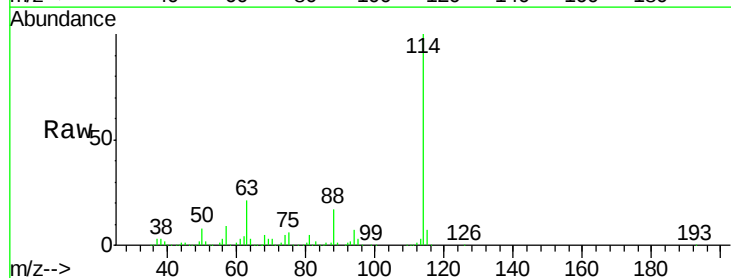
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190910

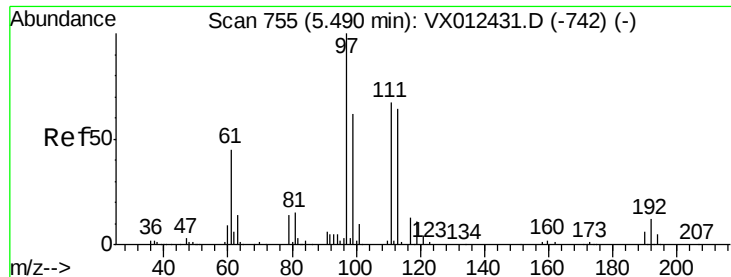
Tot Ion: 65 Resp: 109766
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012458.D
 Acq: 18 Sep 2019 01:44

Tgt Ion: 114 Resp: 257004
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 17.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.246 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012458.D

Acq: 18 Sep 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20190910

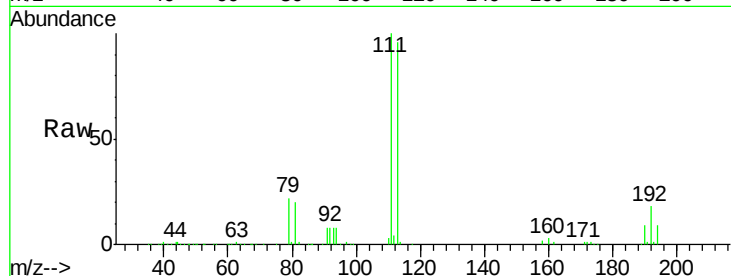
Tot Ion:113 Resp: 76604

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

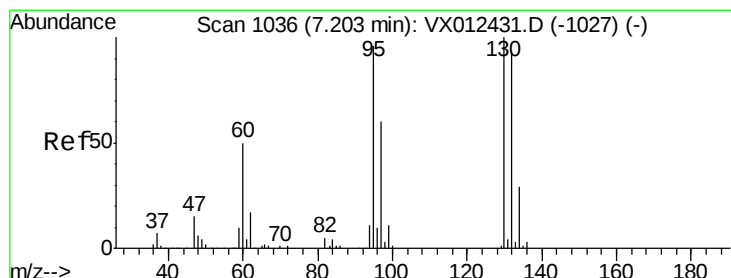
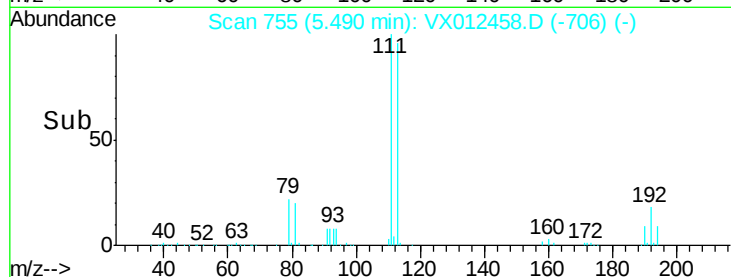
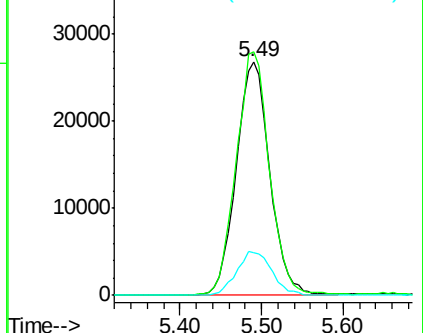
192 19.7 14.4 21.6



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: 31.102 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012458.D

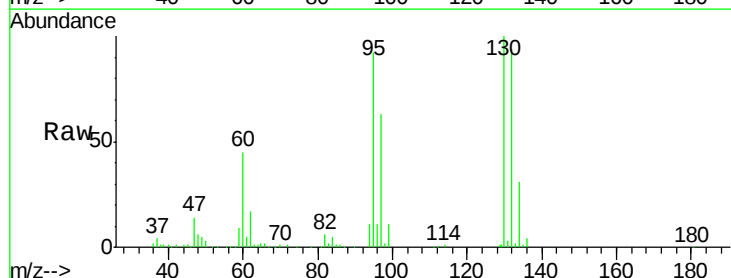
Acq: 18 Sep 2019 01:44

Tgt Ion:130 Resp: 40637

Ion Ratio Lower Upper

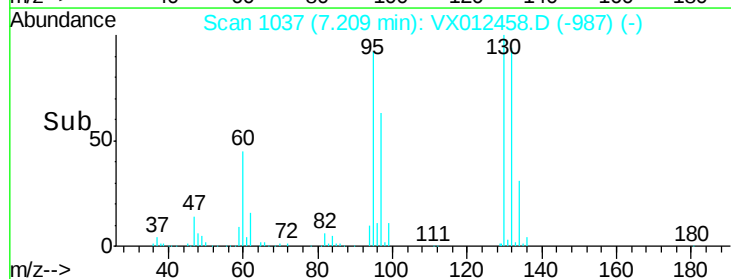
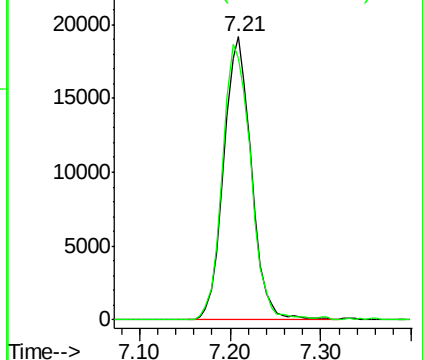
130 100

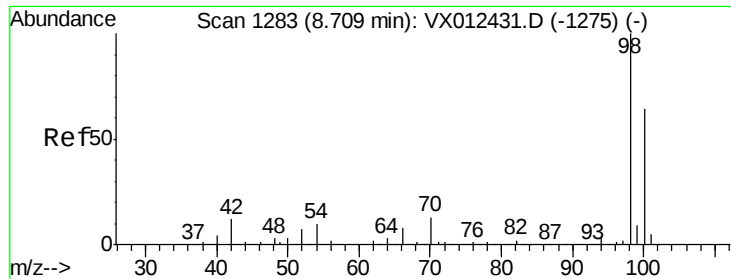
95 92.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

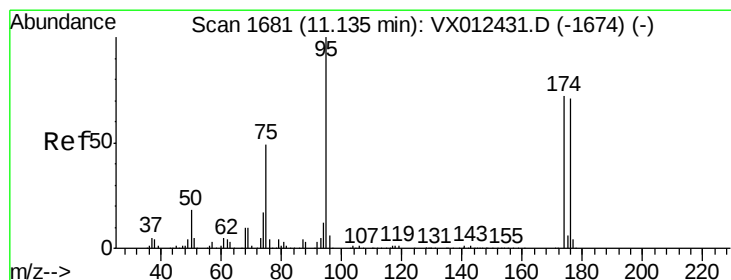
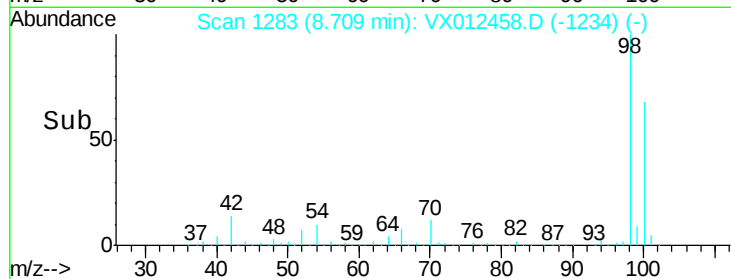
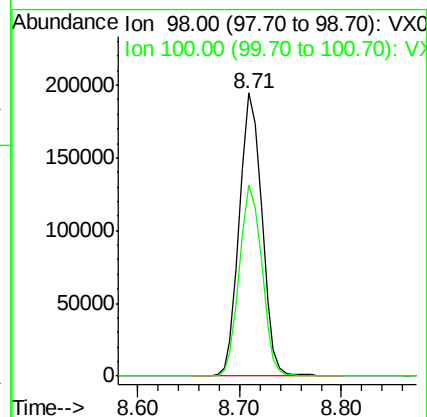
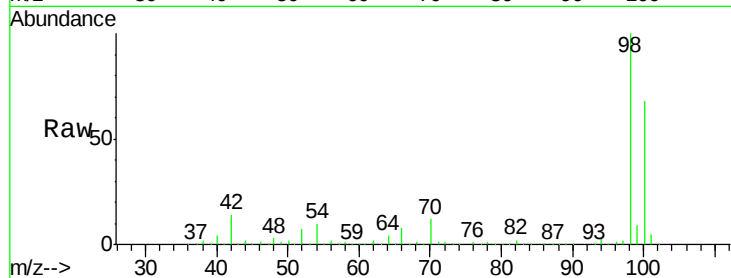




#50
Toluene-d8
Concen: 51.860 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012458.D
Acq: 18 Sep 2019 01:44

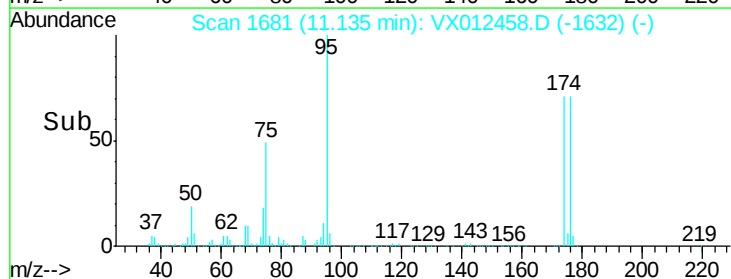
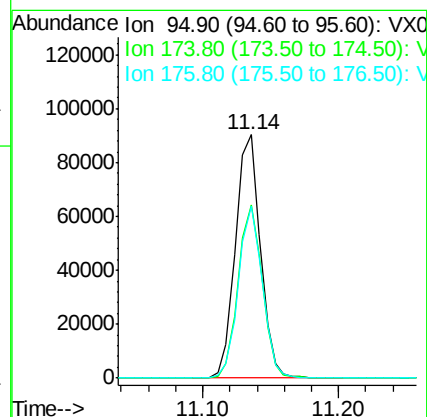
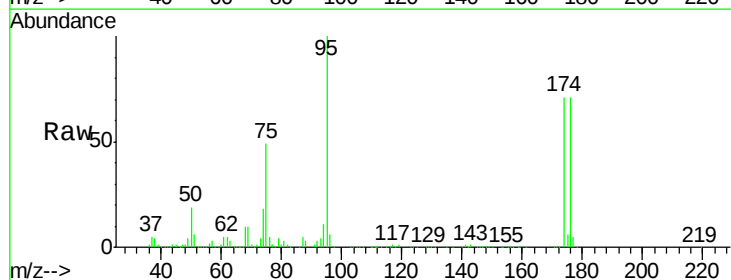
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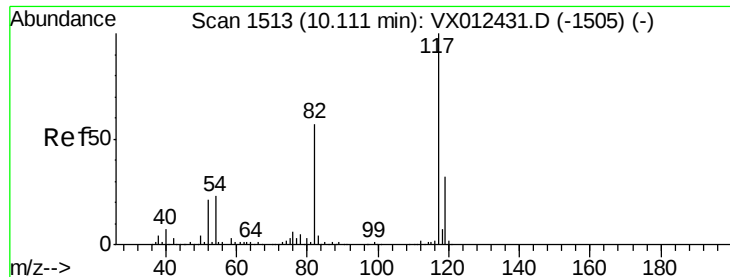
Tot Ion: 98 Resp: 298596
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 48.290 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012458.D
Acq: 18 Sep 2019 01:44

Tgt Ion: 95 Resp: 115445
Ion Ratio Lower Upper
95 100
174 69.4 0.0 140.0
176 68.1 0.0 135.4

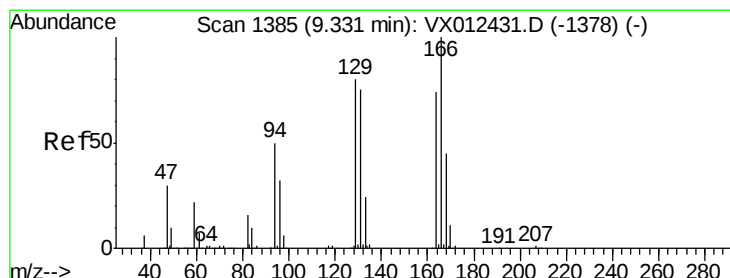
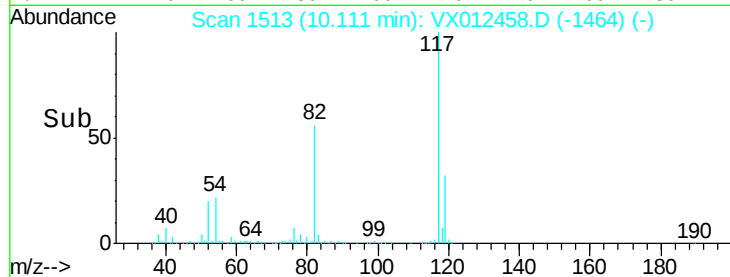
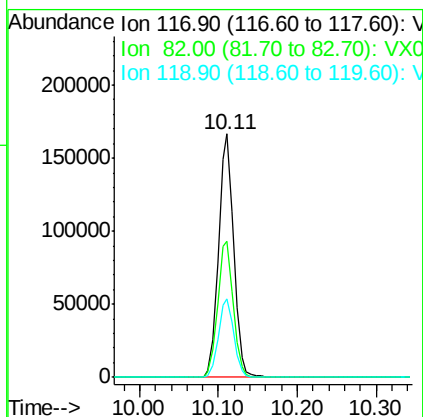
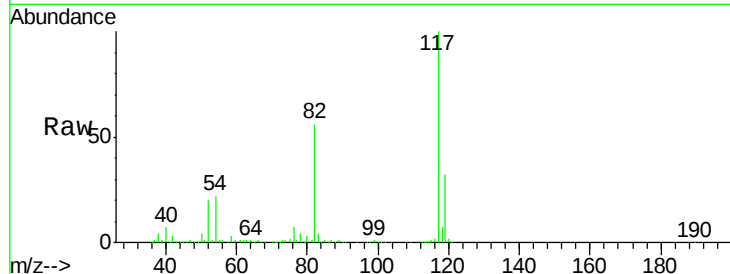




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012458.D
Acq: 18 Sep 2019 01:44

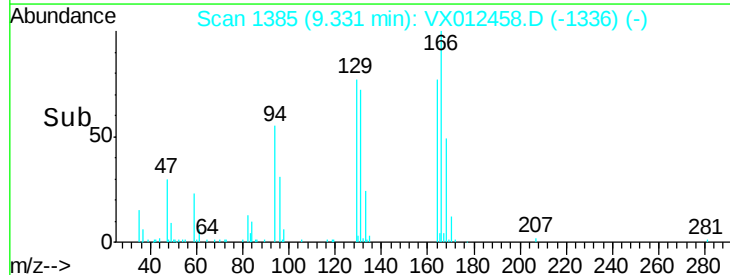
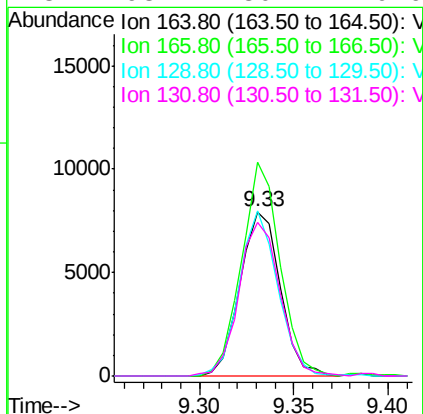
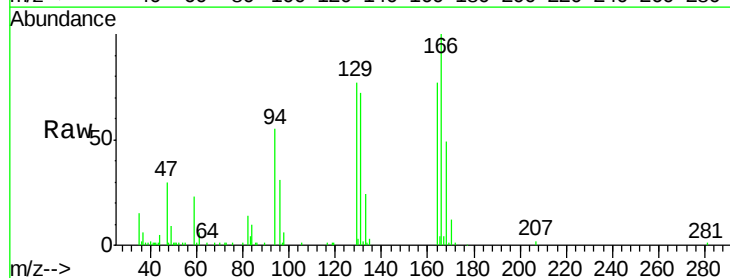
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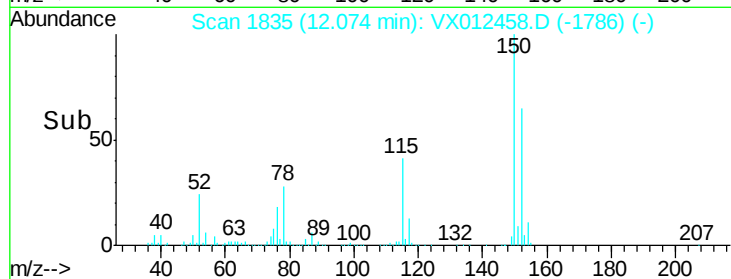
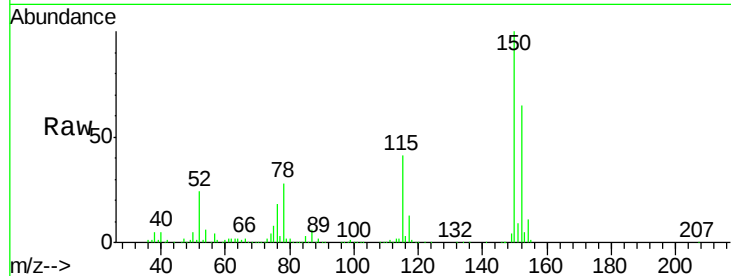
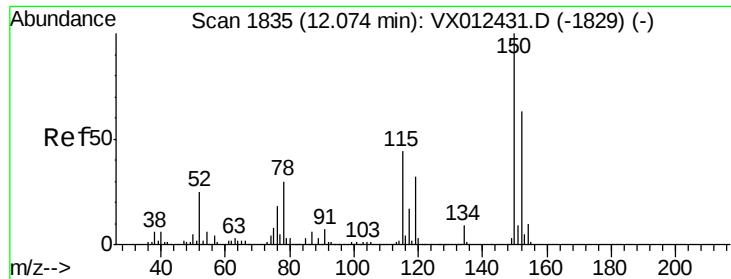
Tot Ion:117 Resp: 223878
Ion Ratio Lower Upper
117 100
82 56.1 45.9 68.9
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 11.466 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012458.D
Acq: 18 Sep 2019 01:44

Tgt Ion:164 Resp: 11763
Ion Ratio Lower Upper
164 100
166 130.0 107.8 161.6
129 100.3 86.2 129.2
131 93.4 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: VX012458.D

Acq: 18 Sep 2019 01:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20190910

Tot Ion:152 Resp: 102302

Ion Ratio Lower Upper

152 100

115 61.9 44.1 132.3

150 154.0 0.0 343.8

