

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012456.D
 Acq On : 18 Sep 2019 00:57
 Operator : JC/SP
 Sample : K4858-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190910

Quant Time: Sep 18 05:09:21 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	152331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	243440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	212663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86649	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105043	48.11	ug/l	0.00
Spiked Amount						
			Recovery	=	96.22%	
35) Dibromofluoromethane	5.49	113	74763	50.74	ug/l	0.00
Spiked Amount						
			Recovery	=	101.48%	
50) Toluene-d8	8.71	98	286848	52.60	ug/l	0.00
Spiked Amount						
			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.14	95	107329	47.40	ug/l	0.00
Spiked Amount						
			Recovery	=	94.80%	

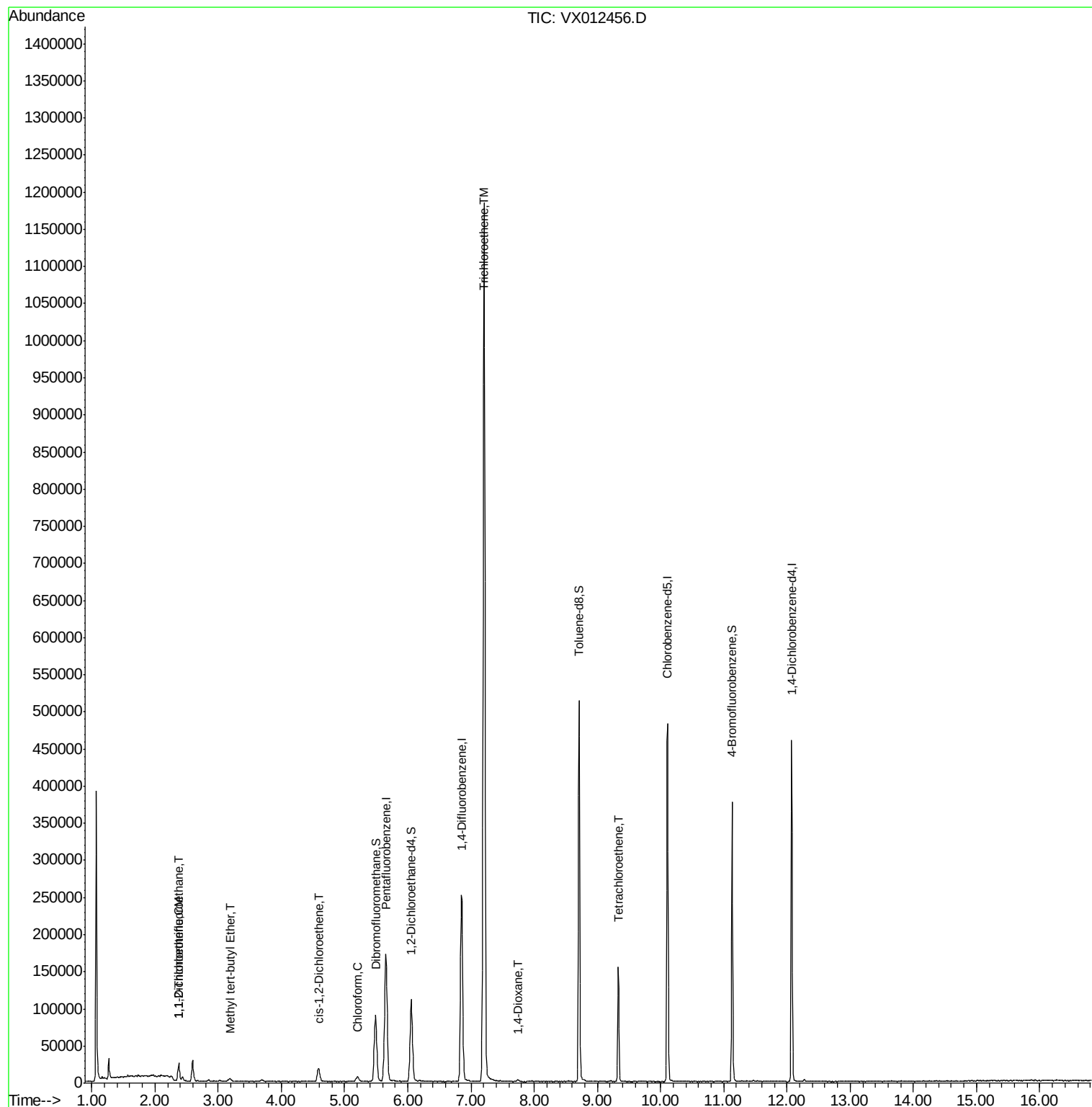
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8015	6.676	ug/l	96
12) 1,1-Dichloroethene	2.37	96	1702	1.777	ug/l #	76
19) Methyl tert-butyl Ether	3.19	73	4003	0.767	ug/l #	82
27) cis-1,2-Dichloroethene	4.59	96	11267	7.584	ug/l	84
30) Chloroform	5.20	83	7339	2.558	ug/l	97
44) Trichloroethene	7.21	130	444105	358.842	ug/l	94
49) 1,4-Dioxane	7.74	88	1828	39.089	ug/l #	79
64) Tetrachloroethene	9.33	164	25512	26.180	ug/l	97

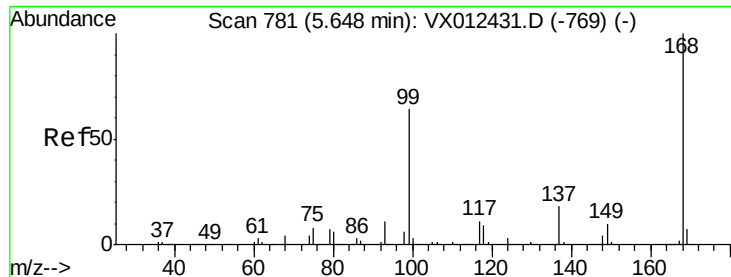
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012456.D

Acq: 18 Sep 2019 00:57

Instrument :

MSVOA_X

ClientSampleId :

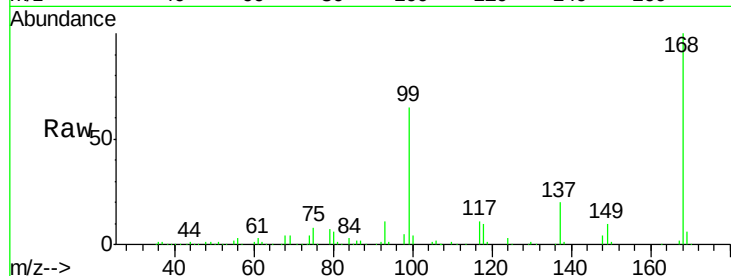
RE131D1-20190910

Tot Ion:168 Resp: 152331

Ion Ratio Lower Upper

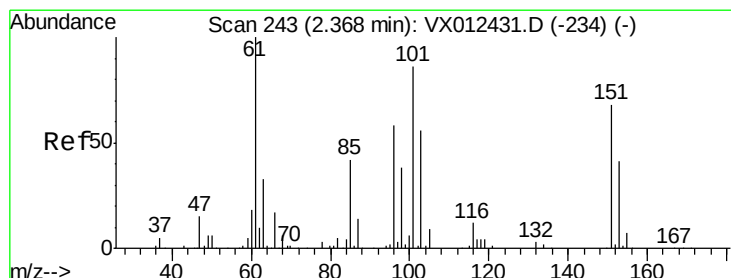
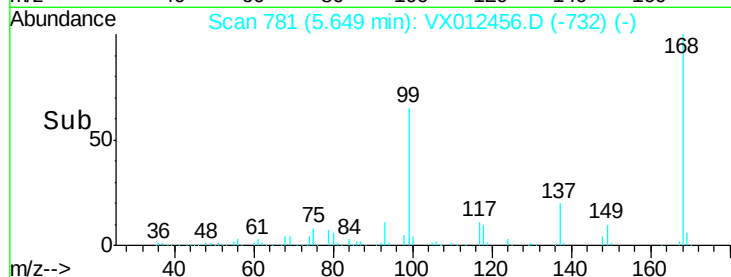
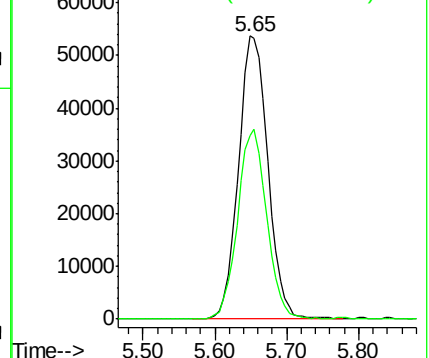
168 100

99 64.6 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: 6.676 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012456.D

Acq: 18 Sep 2019 00:57

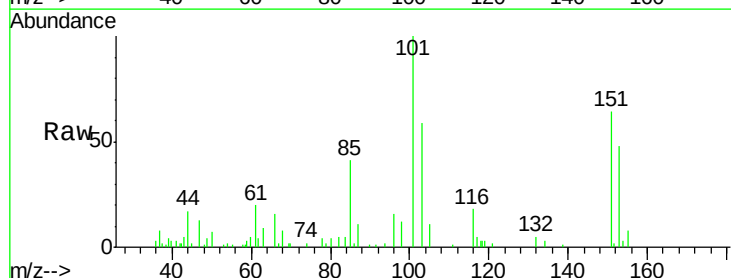
Tgt Ion:101 Resp: 8015

Ion Ratio Lower Upper

101 100

85 47.0 37.3 55.9

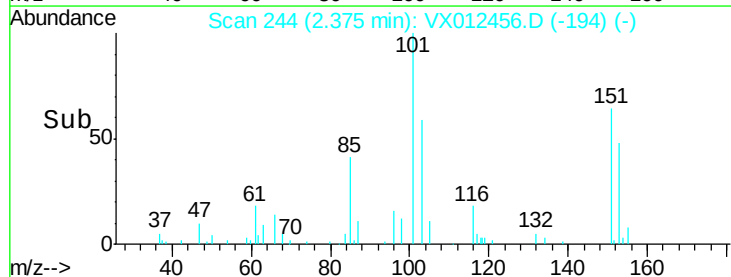
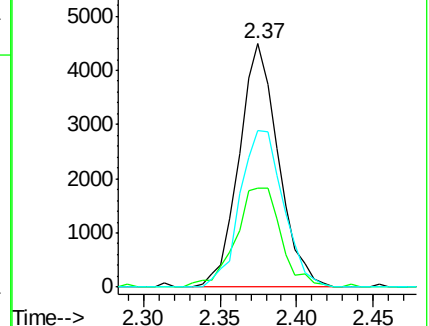
151 70.6 61.0 91.4

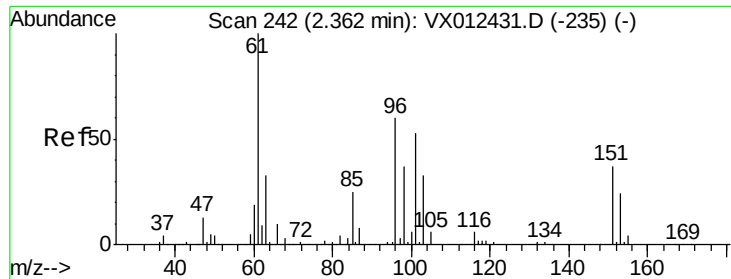


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.777 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012456.D

Acq: 18 Sep 2019 00:57

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190910

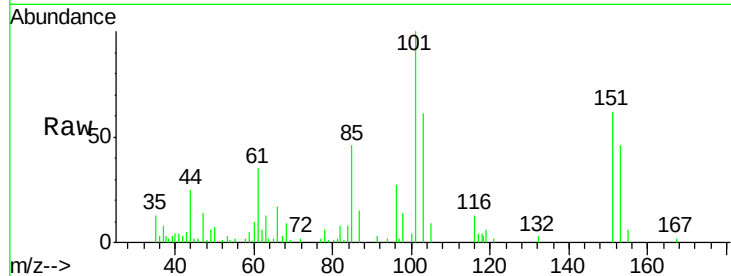
Tot Ion: 96 Resp: 1702

Ion Ratio Lower Upper

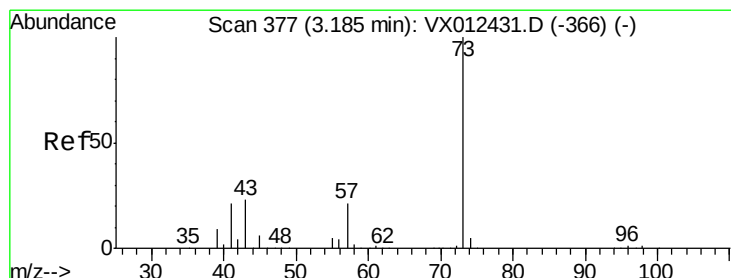
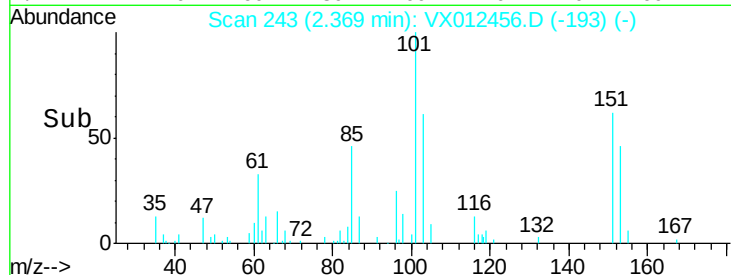
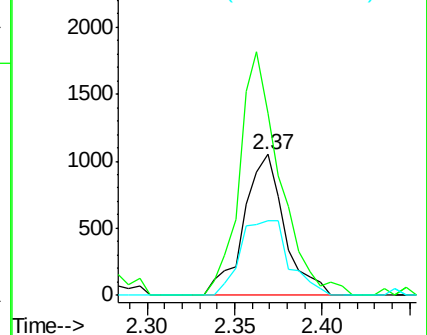
96 100

61 129.1 133.8 200.6#

98 53.4 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



#19

Methyl tert-butyl Ether

Concen: 0.767 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX012456.D

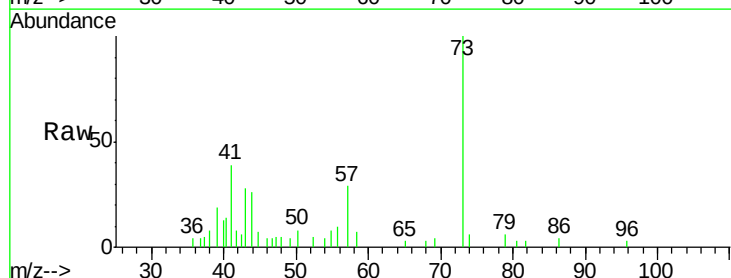
Acq: 18 Sep 2019 00:57

Tgt Ion: 73 Resp: 4003

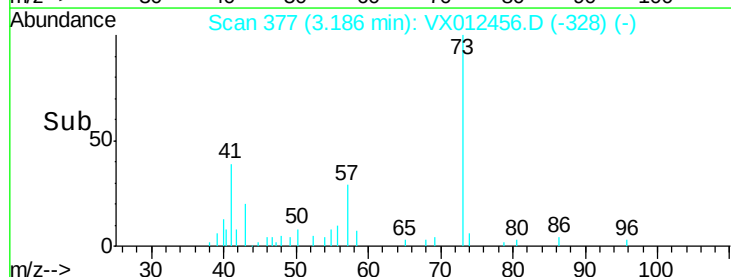
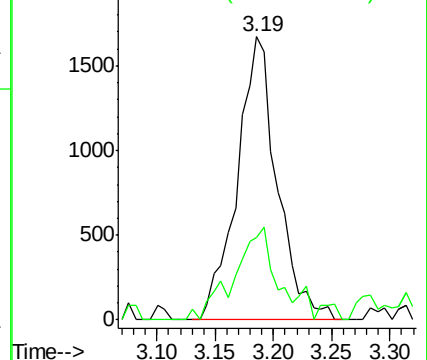
Ion Ratio Lower Upper

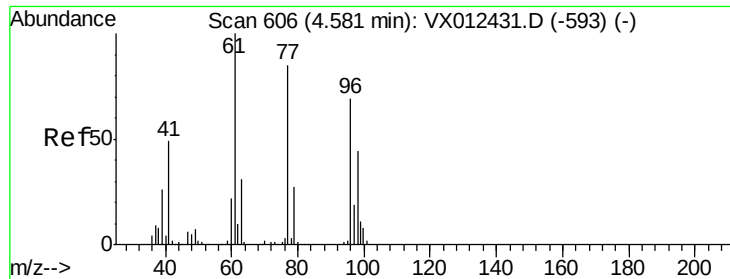
73 100

57 29.2 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



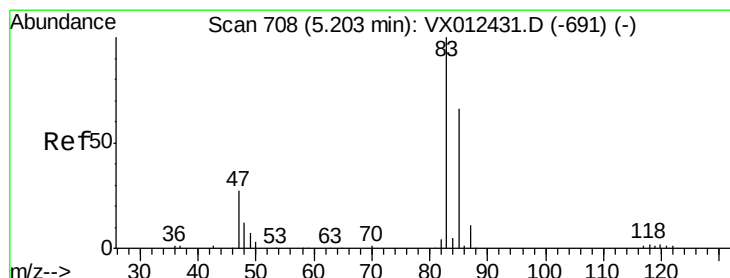
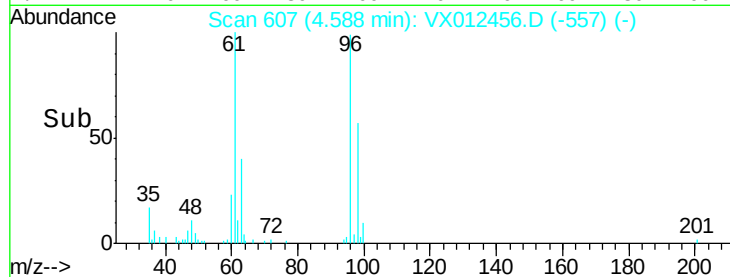
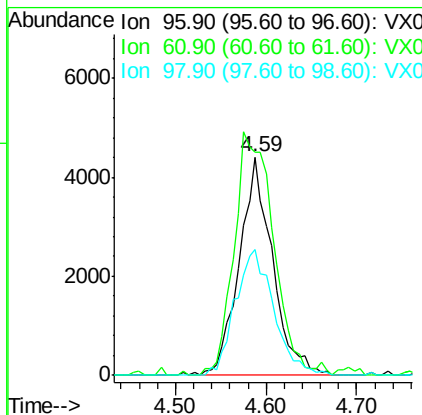
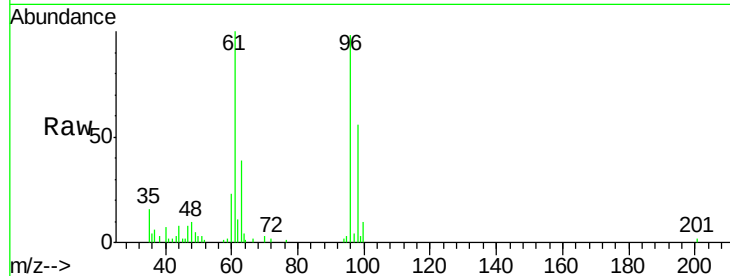


#27

cis-1,2-Dichloroethene
 Concen: 7.584 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012456.D
 Acq: 18 Sep 2019 00:57

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190910

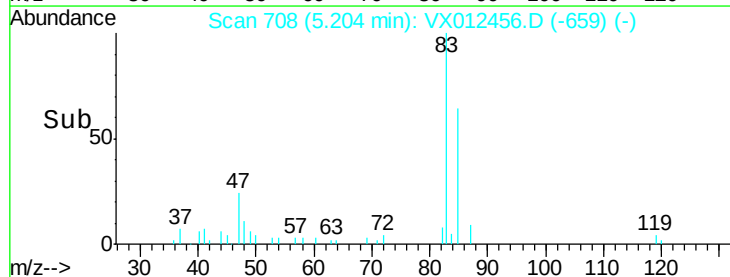
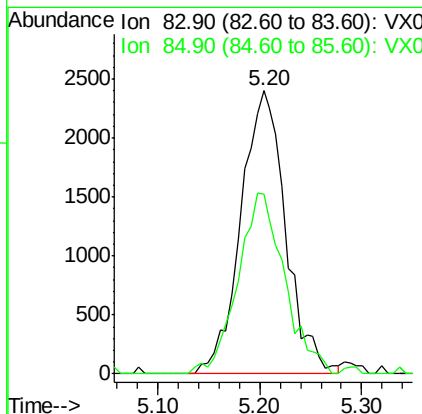
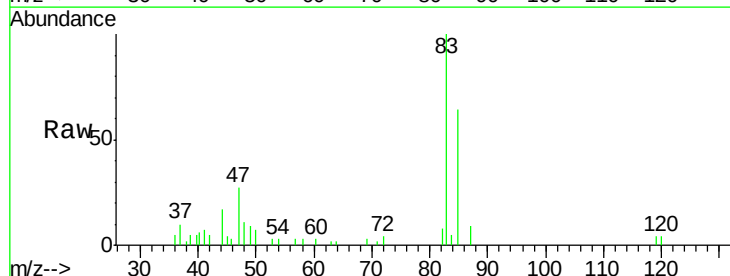
Tot Ion	96	Resp	11267
Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	319.4
98	66.6	0.0	130.6

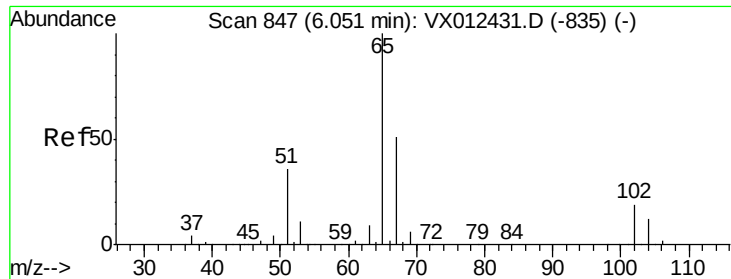


#30

Chloroform
 Concen: 2.558 ug/l
 RT: 5.20 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VX012456.D
 Acq: 18 Sep 2019 00:57

Tgt Ion	83	Resp	7339
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.4

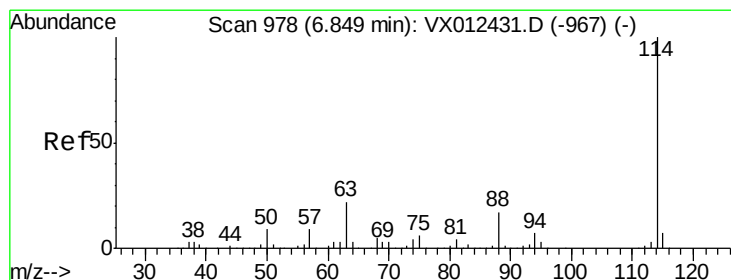
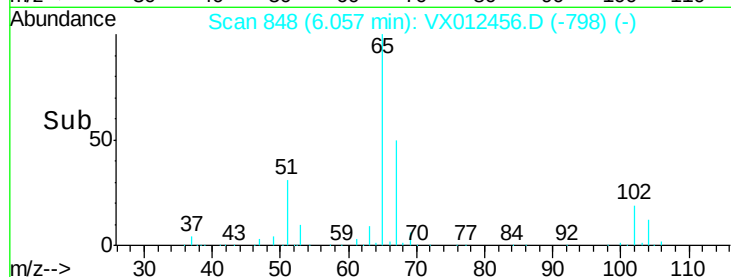
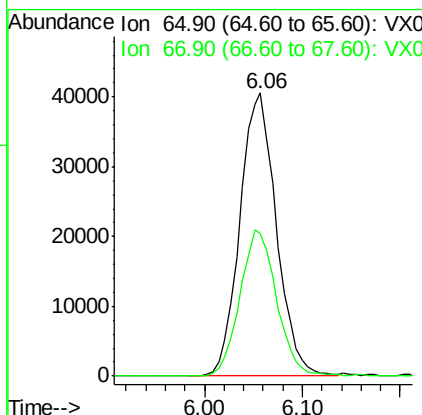
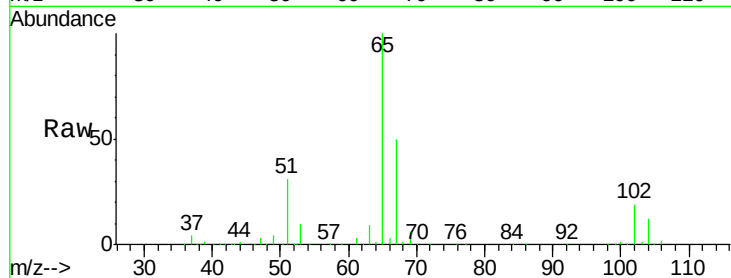




#33
 1,2-Dichloroethane-d4
 Concen: 48.114 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012456.D
 Acq: 18 Sep 2019 00:57

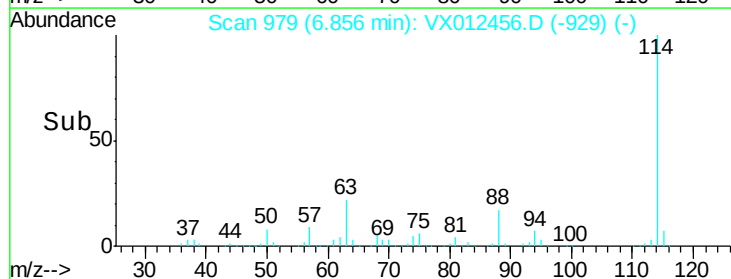
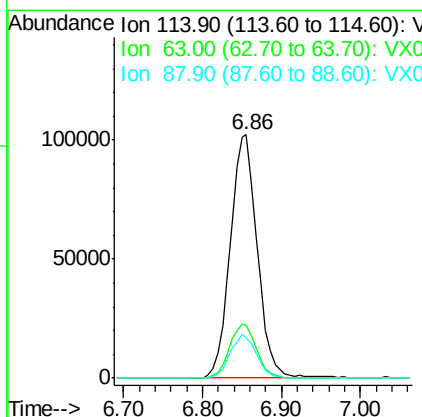
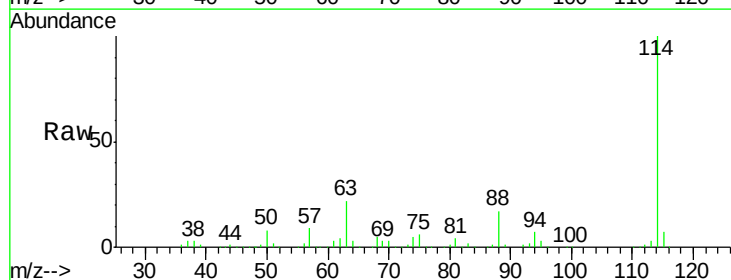
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190910

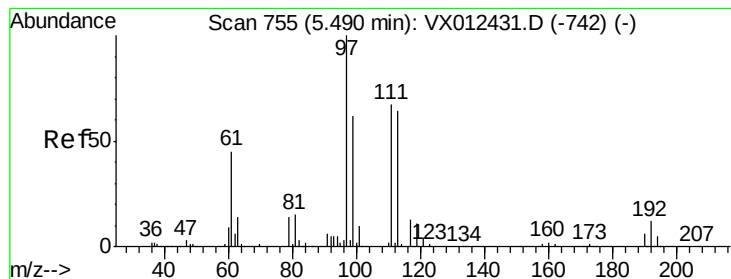
Tot Ion: 65 Resp: 105043
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012456.D
 Acq: 18 Sep 2019 00:57

Tgt Ion: 114 Resp: 243440
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.740 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012456.D

Acq: 18 Sep 2019 00:57

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190910

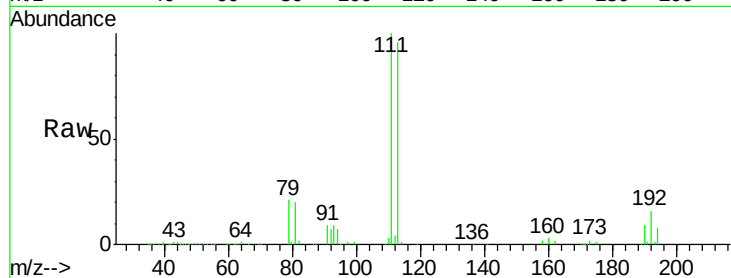
Tot Ion:113 Resp: 74763

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

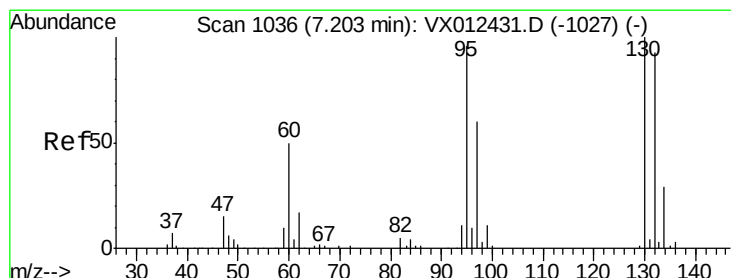
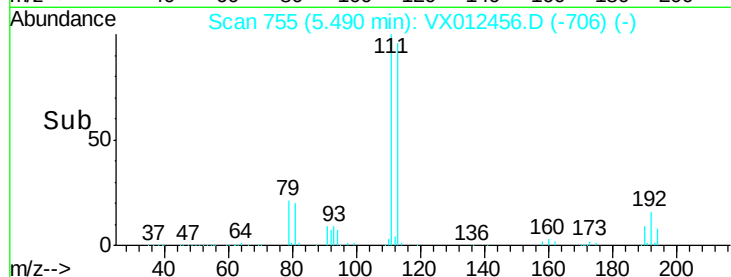
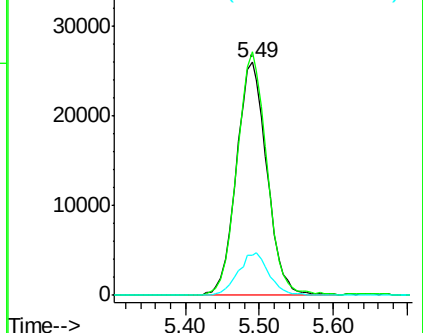
192 18.3 14.4 21.6



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: 358.842 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012456.D

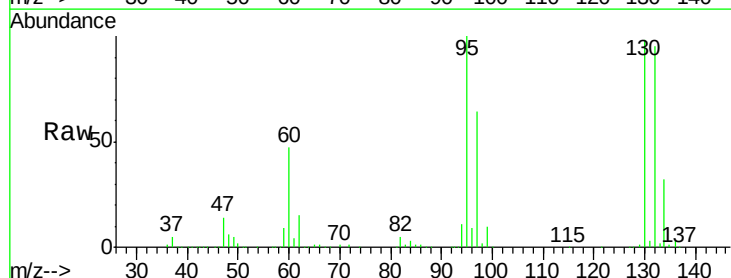
Acq: 18 Sep 2019 00:57

Tgt Ion:130 Resp: 444105

Ion Ratio Lower Upper

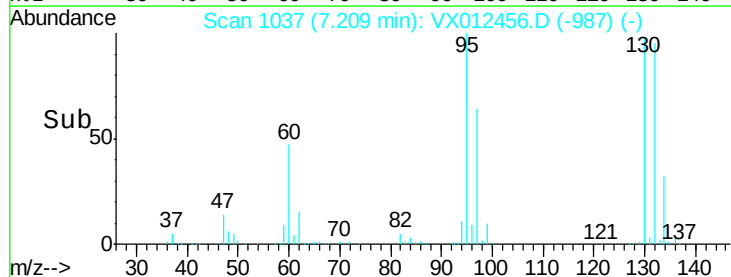
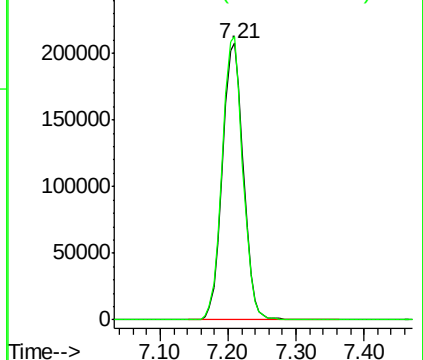
130 100

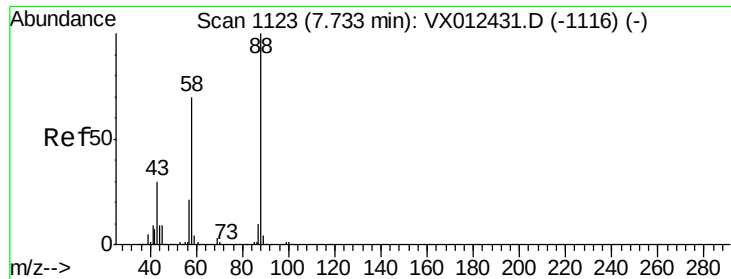
95 102.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

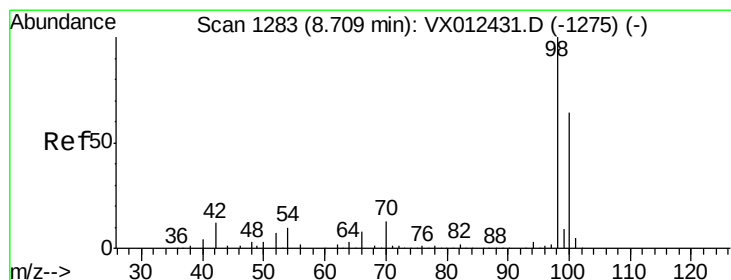
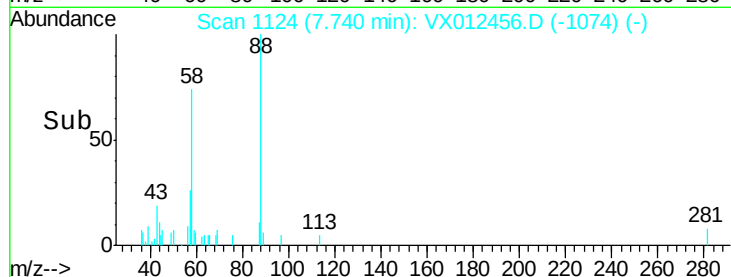
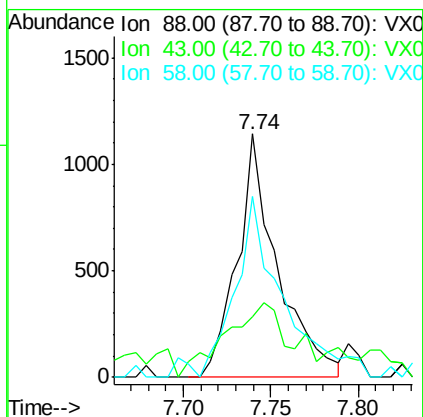
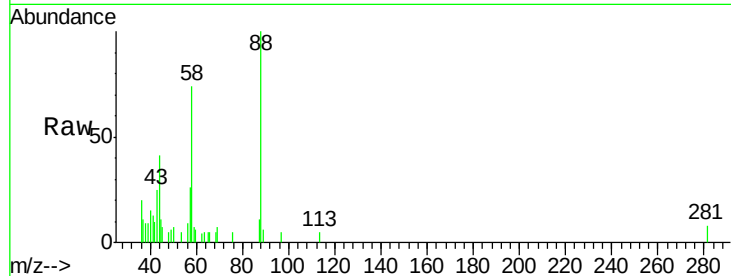




#49
1,4-Dioxane
Concen: 39.089 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

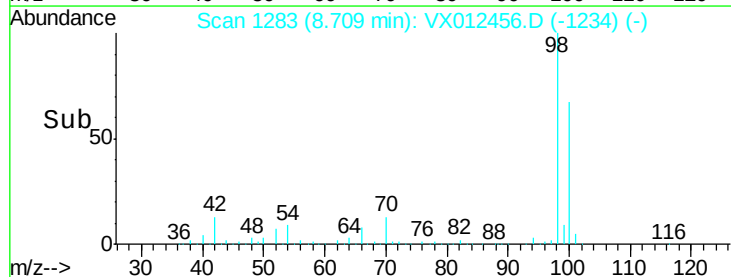
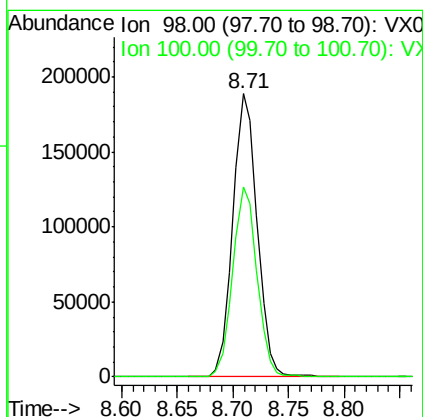
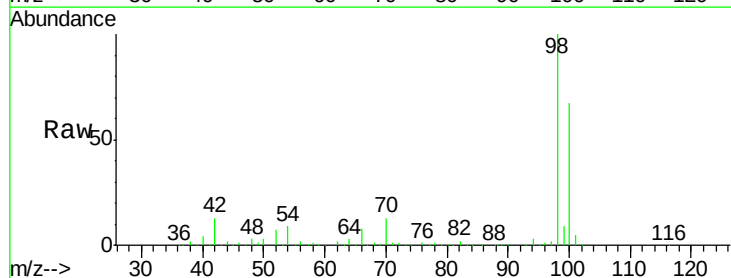
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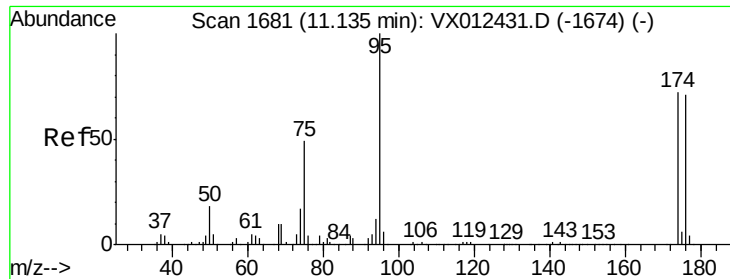
Tot Ion: 88 Resp: 1828
Ion Ratio Lower Upper
88 100
43 51.6 29.4 44.0#
58 87.4 57.5 86.3#



#50
Toluene-d8
Concen: 52.595 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 98 Resp: 286848
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2

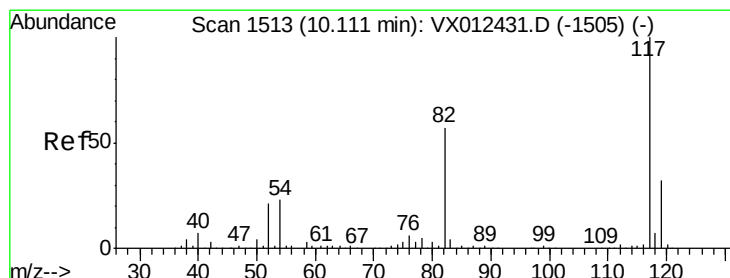
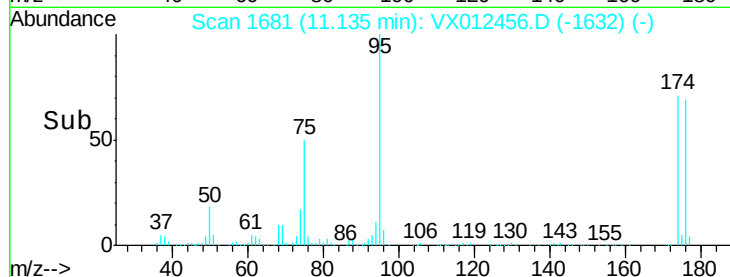
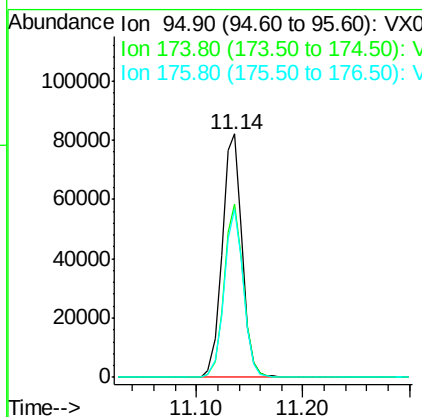
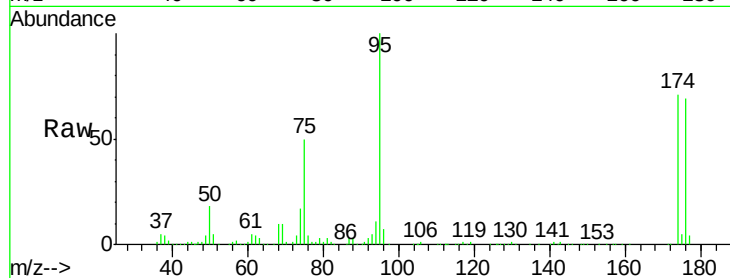




#62
4-Bromofluorobenzene
Concen: 47.397 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

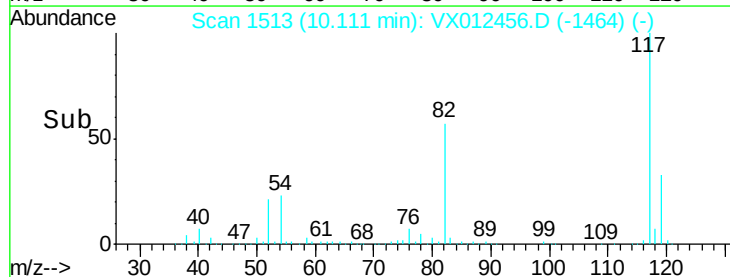
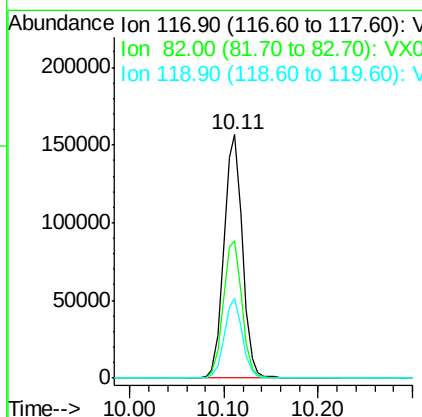
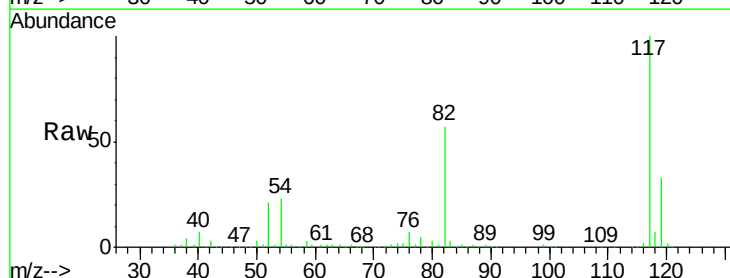
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

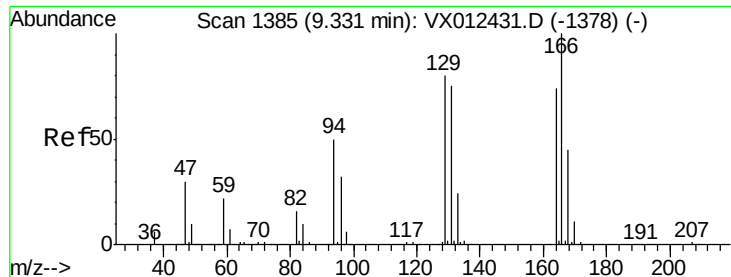
Tot Ion: 95 Resp: 107329
Ion Ratio Lower Upper
95 100
174 68.7 0.0 140.0
176 66.8 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 117 Resp: 212663
Ion Ratio Lower Upper
117 100
82 56.6 45.9 68.9
119 32.9 25.3 37.9

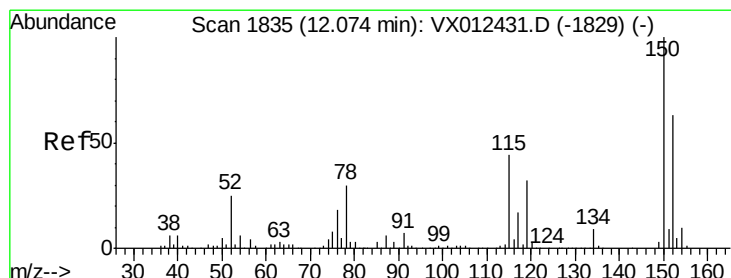
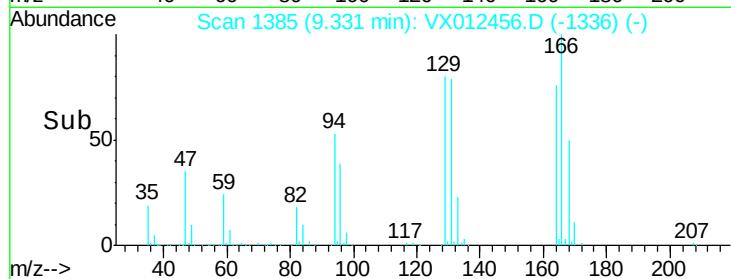
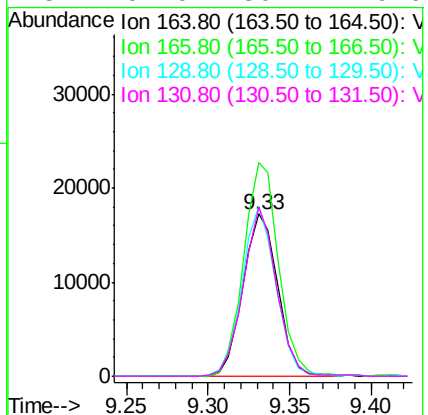
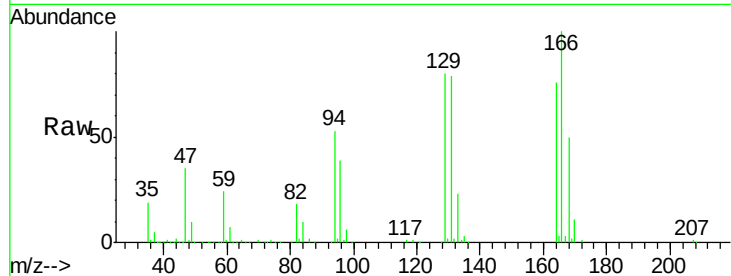




#64
Tetrachloroethene
Concen: 26.180 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tot Ion:164 Resp: 25512
Ion Ratio Lower Upper
164 100
166 131.4 107.8 161.6
129 104.5 86.2 129.2
131 104.0 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: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion:152 Resp: 86649
Ion Ratio Lower Upper
152 100
115 63.7 44.1 132.3
150 158.4 0.0 343.8

