

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003484.D
 Acq On : 20 Jul 2018 01:00
 Operator : JC/SP
 Sample : J3170-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-071018

Quant Time: Jul 20 04:46:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	321254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	456941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	423783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186280	48.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.98%	
35) Dibromofluoromethane	5.51	113	180242	51.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.58%	
50) Toluene-d8	8.72	98	642198	49.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.14	95	219741	46.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.06%	

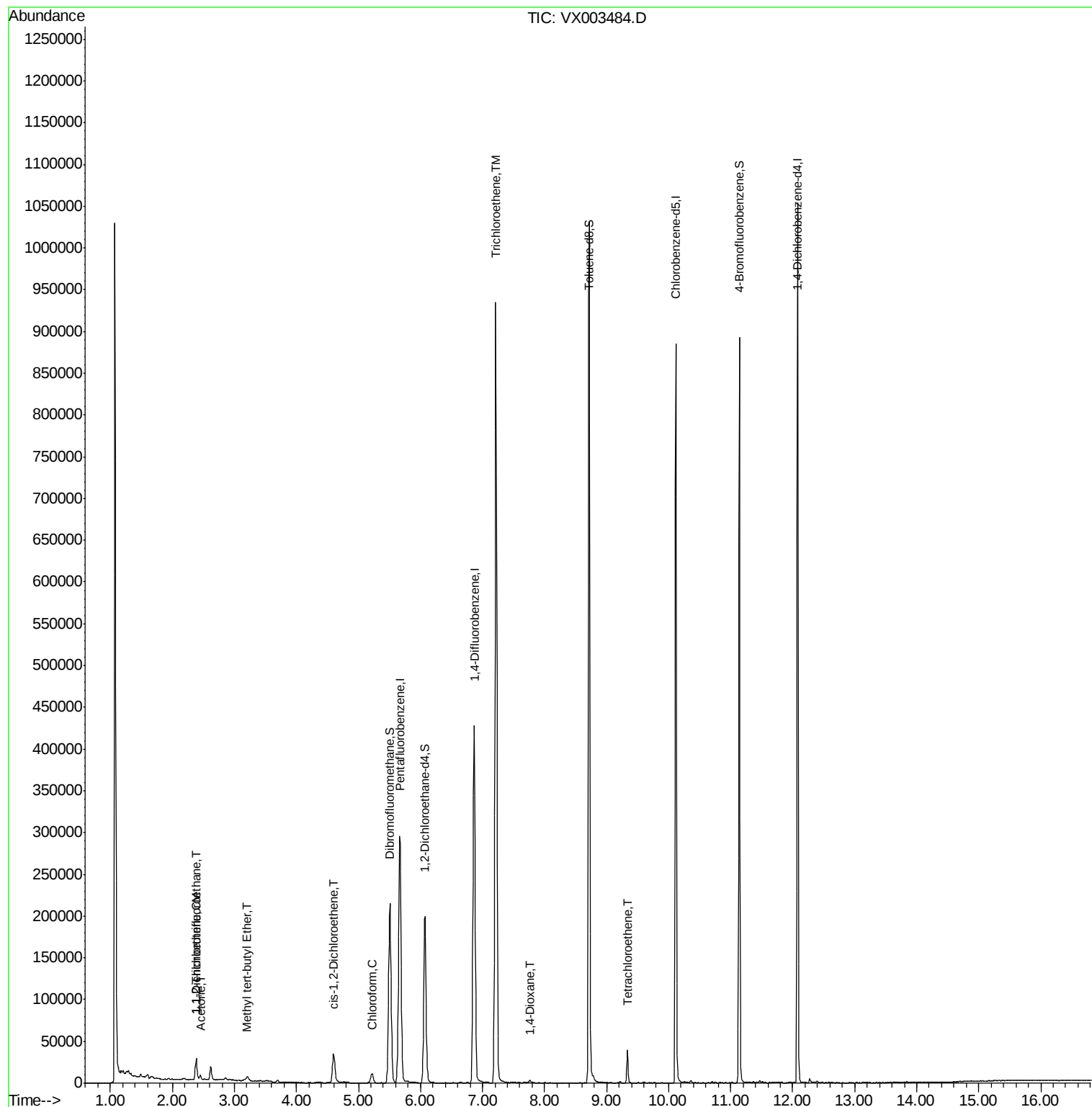
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	8785	2.47	ug/l	97
12) 1,1-Dichloroethene	2.37	96	2008	0.61	ug/l	90
16) Acetone	2.45	43	3815	2.66	ug/l #	77
19) Methyl tert-butyl Ether	3.20	73	6104	0.57	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	19753	4.86	ug/l	71
30) Chloroform	5.23	83	13604	2.17	ug/l	85
44) Trichloroethene	7.22	130	392734	88.41	ug/l	96
49) 1,4-Dioxane	7.76	88	2186	25.76	ug/l #	88
64) Tetrachloroethene	9.34	164	8319	1.61	ug/l	98

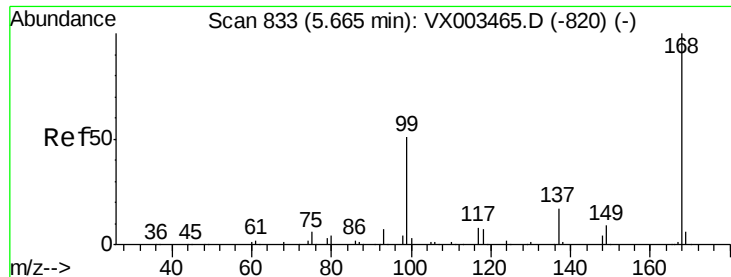
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071918\
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Quant Time: Jul 20 04:46:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003484.D

Acq: 20 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

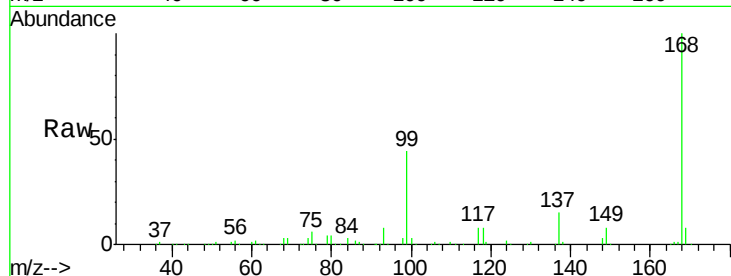
RE131D1-071018

Tot Ion:168 Resp: 321254

Ion Ratio Lower Upper

168 100

99 43.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

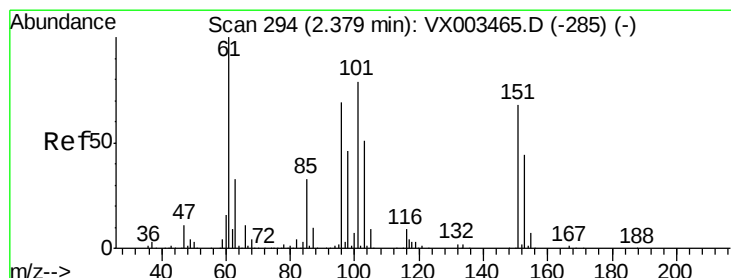
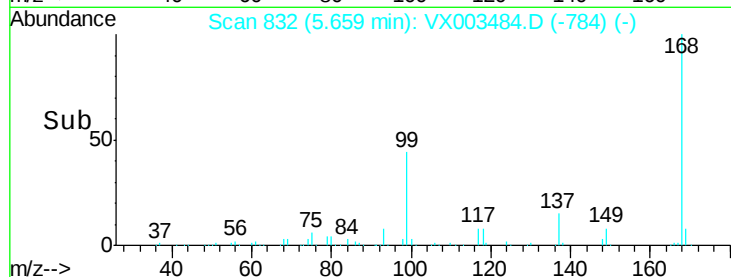
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003484.D

Acq: 20 Jul 2018 01:00

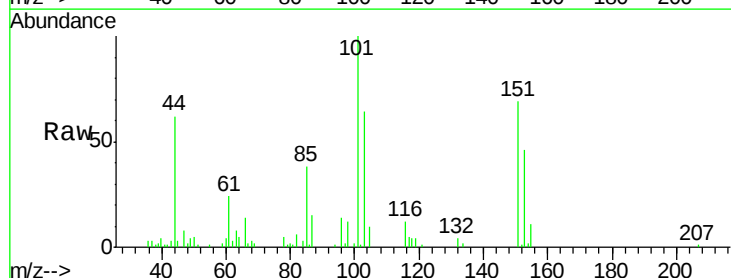
Tgt Ion:101 Resp: 8785

Ion Ratio Lower Upper

101 100

85 42.3 36.0 54.0

151 86.8 70.9 106.3



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

6000

5000

4000

3000

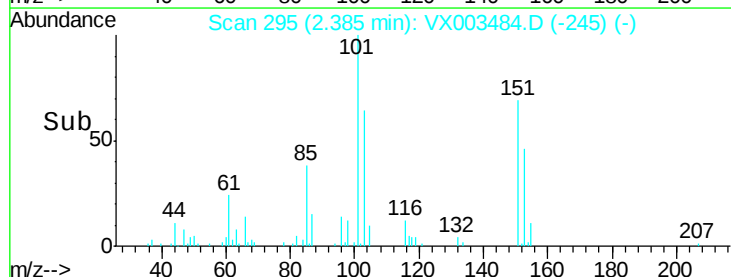
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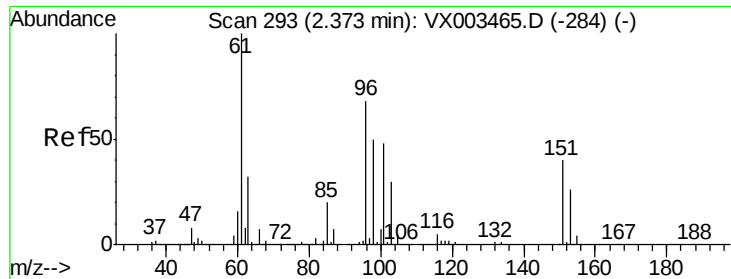
1000

0

Time-->

2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 0.61 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX003484.D

Acq: 20 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-071018

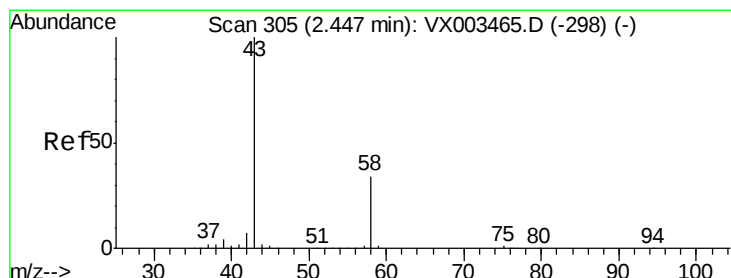
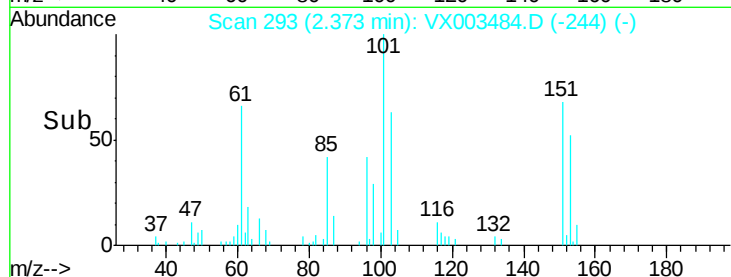
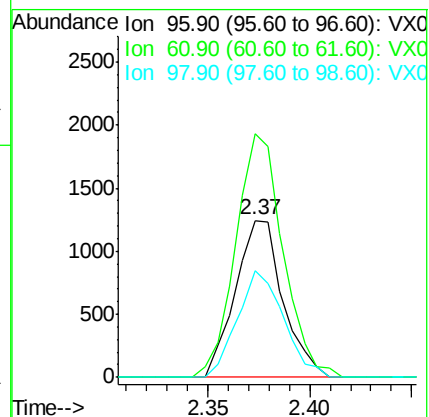
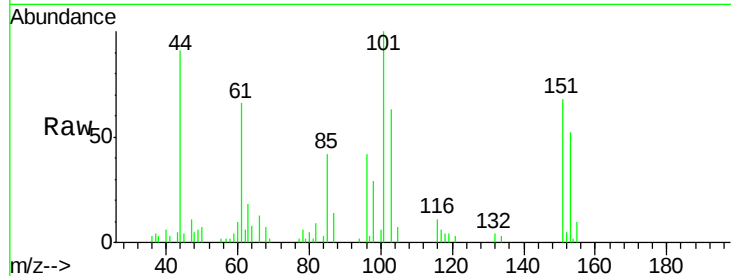
Tot Ion: 96 Resp: 2008

Ion Ratio Lower Upper

96 100

61 155.2 137.9 206.9

98 67.8 51.6 77.4



#16

Acetone

Concen: 2.66 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003484.D

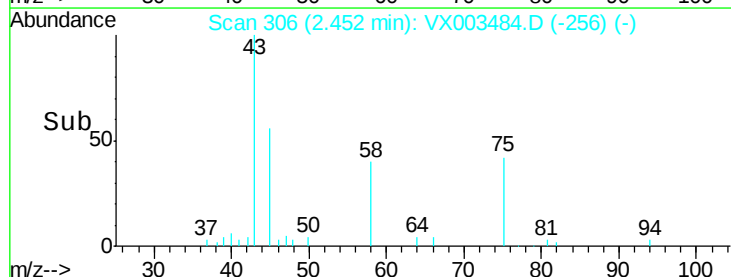
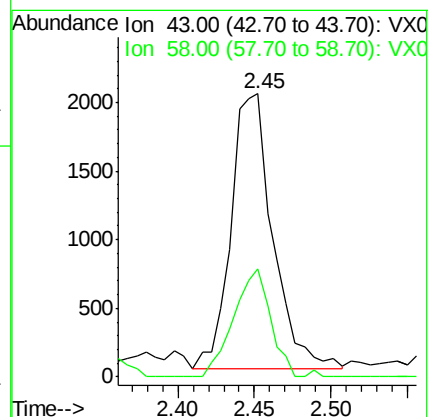
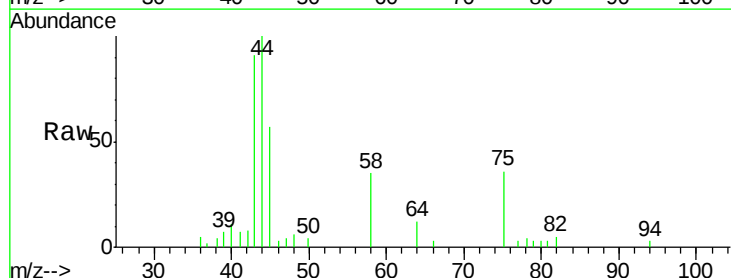
Acq: 20 Jul 2018 01:00

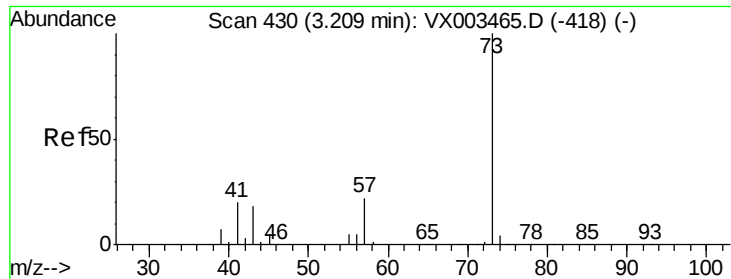
Tgt Ion: 43 Resp: 3815

Ion Ratio Lower Upper

43 100

58 39.4 22.1 33.1#

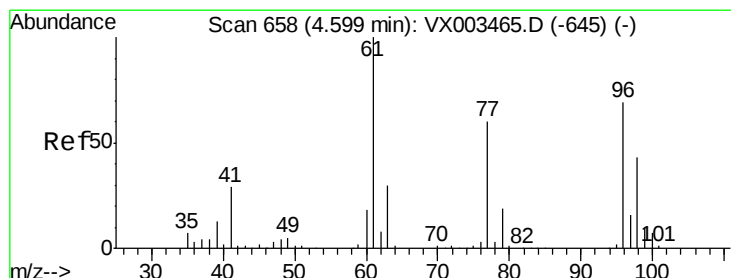
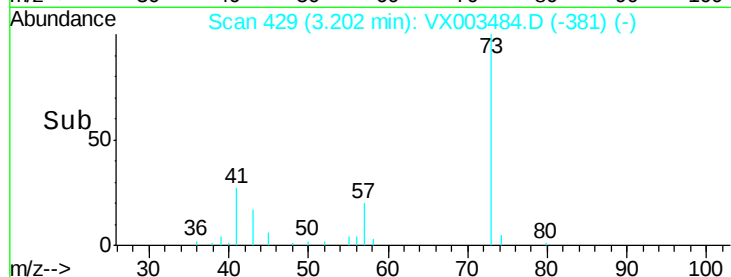
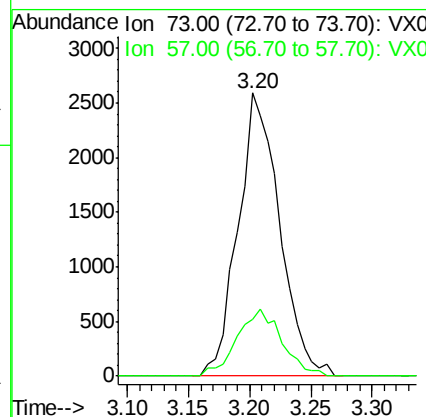
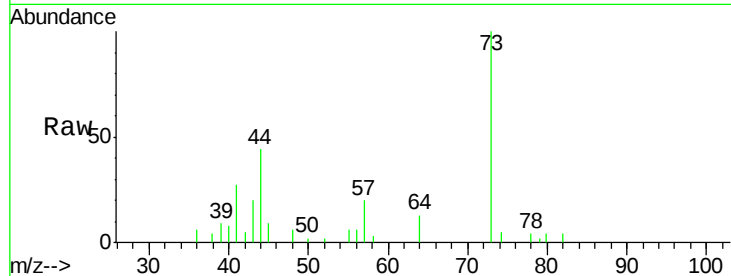




#19
Methvl tert-butvl Ether
Concen: 0.57 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003484.D
Acq: 20 Jul 2018 01:00

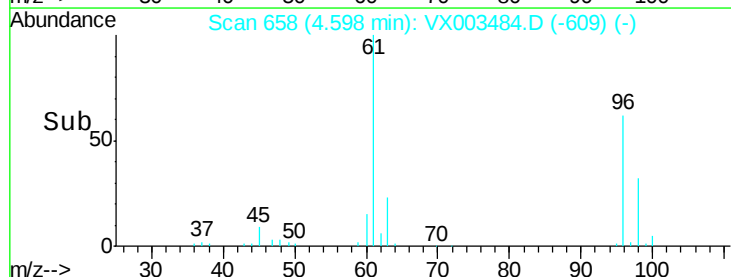
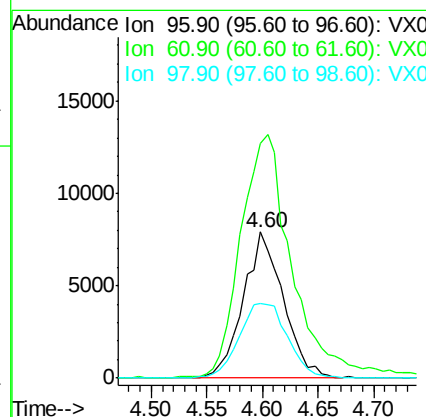
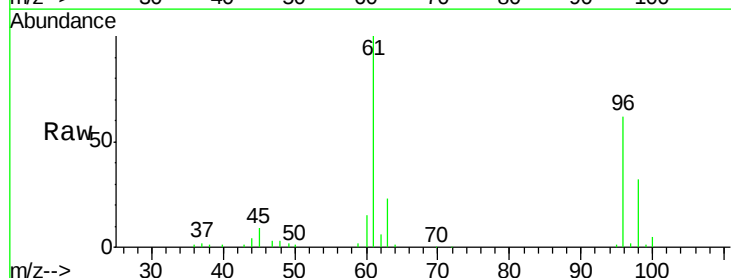
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-071018

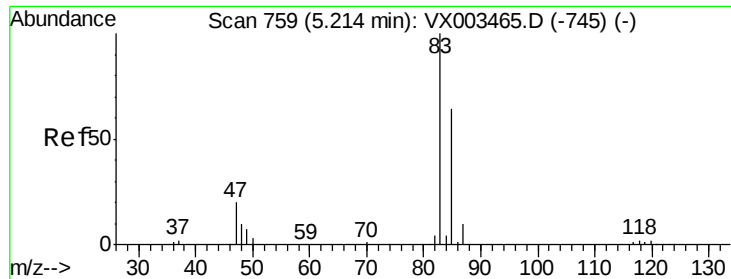
Tot Ion: 73 Resp: 6104
Ion Ratio Lower Upper
73 100
57 20.1 17.7 26.5



#27
cis-1,2-Dichloroethene
Concen: 4.86 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003484.D
Acq: 20 Jul 2018 01:00

Tgt Ion: 96 Resp: 19753
Ion Ratio Lower Upper
96 100
61 216.7 0.0 330.2
98 62.0 0.0 130.2

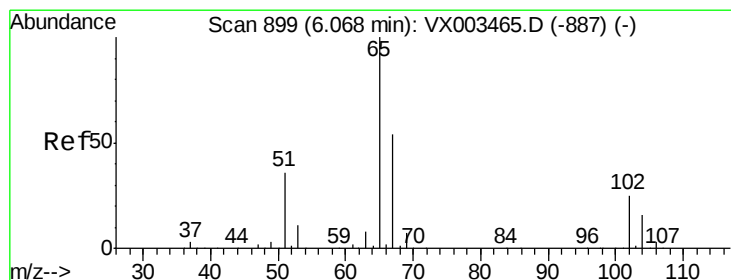
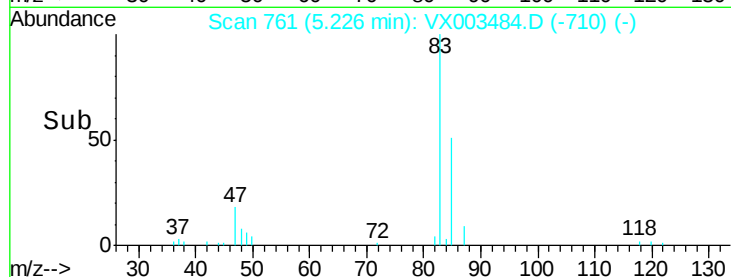
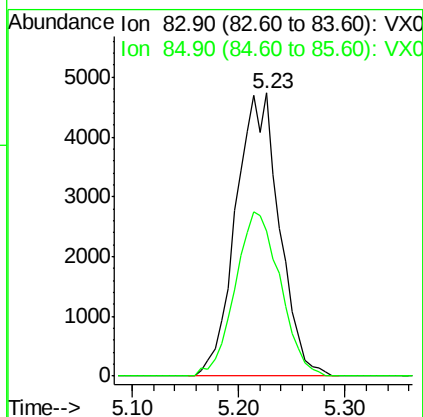
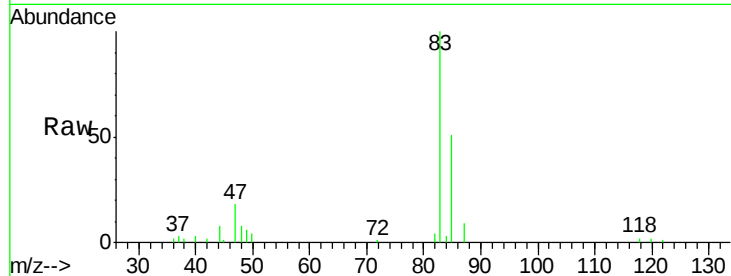




#30
Chloroform
Concen: 2.17 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003484.D
Acq: 20 Jul 2018 01:00

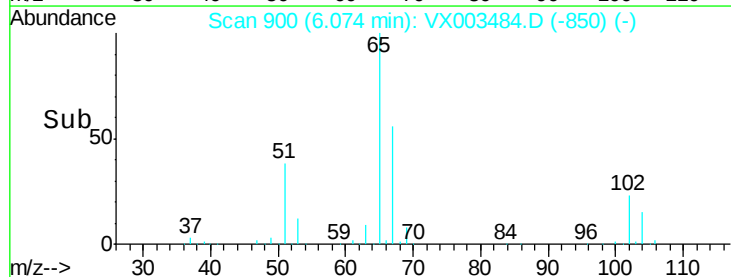
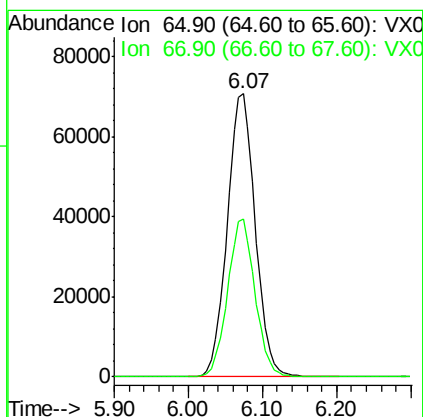
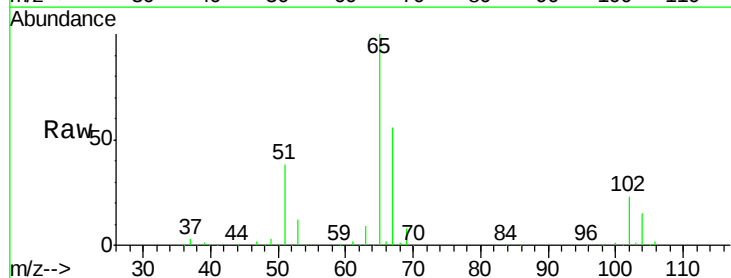
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-071018

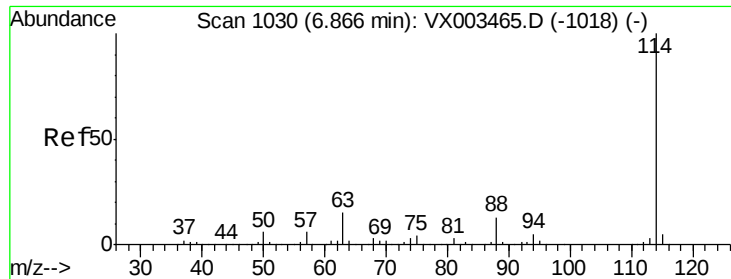
Tot Ion: 83 Resp: 13604
Ion Ratio Lower Upper
83 100
85 51.3 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 48.99 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003484.D
Acq: 20 Jul 2018 01:00

Tgt Ion: 65 Resp: 186280
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.6

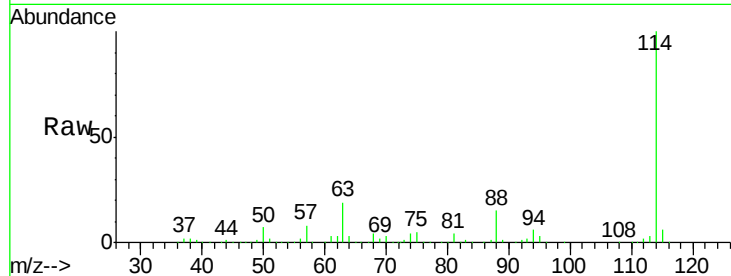




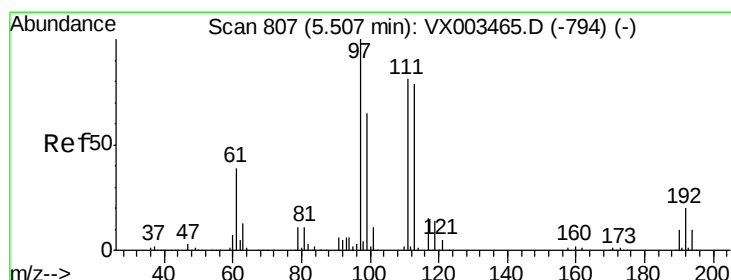
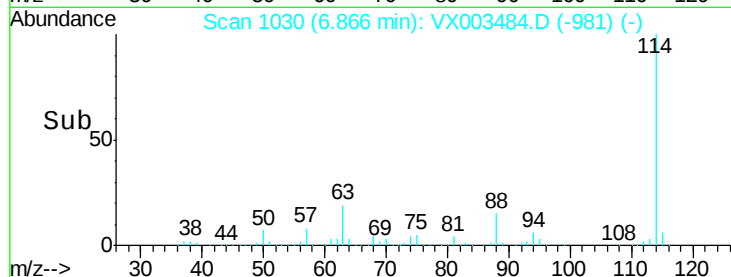
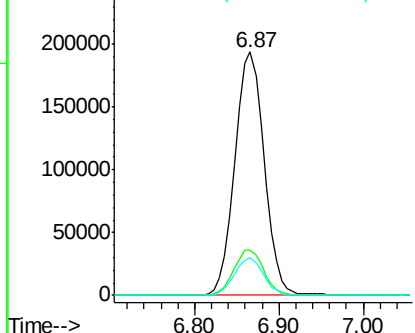
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003484.D
 Acq: 20 Jul 2018 01:00

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-071018

Tot Ion:114 Resp: 456941
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 15.2 0.0 30.0

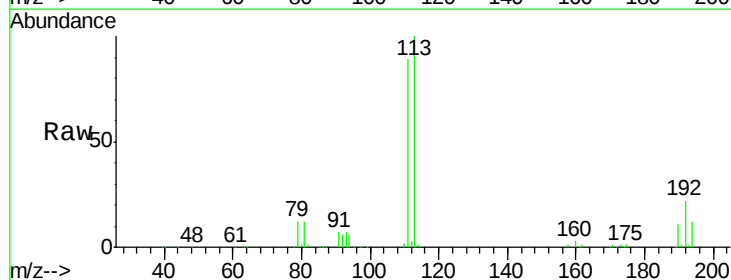


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

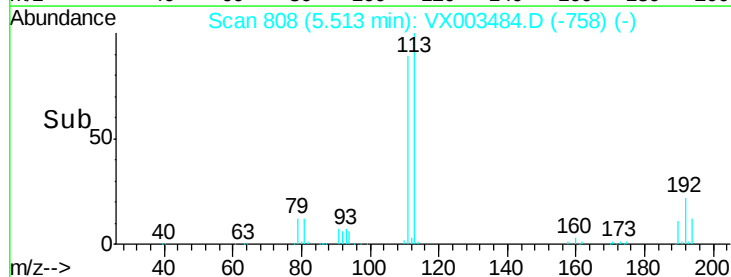
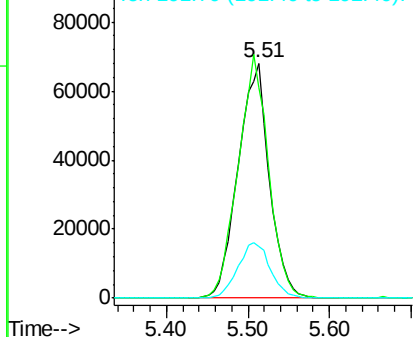


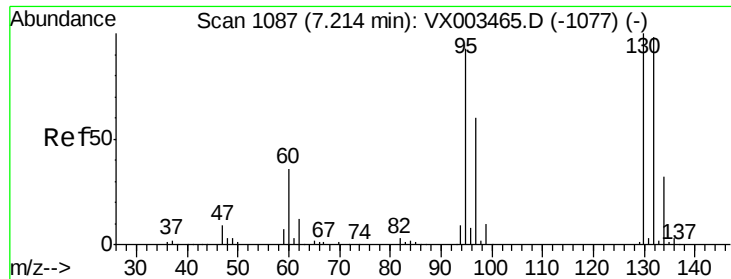
#35
 Dibromofluoromethane
 Concen: 51.79 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003484.D
 Acq: 20 Jul 2018 01:00

Tgt Ion:113 Resp: 180242
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 24.6 19.1 28.7



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: 88.41 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003484.D

Acq: 20 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

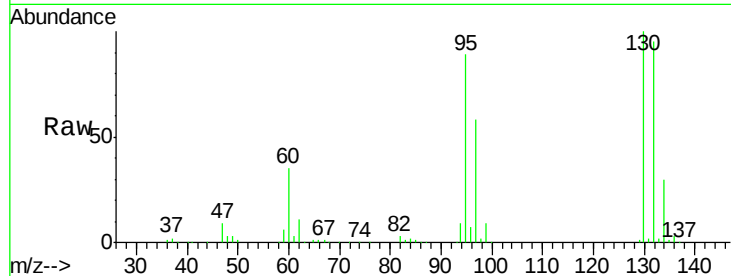
RE131D1-071018

Tot Ion:130 Resp: 392734

Ion Ratio Lower Upper

130 100

95 88.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

200000

150000

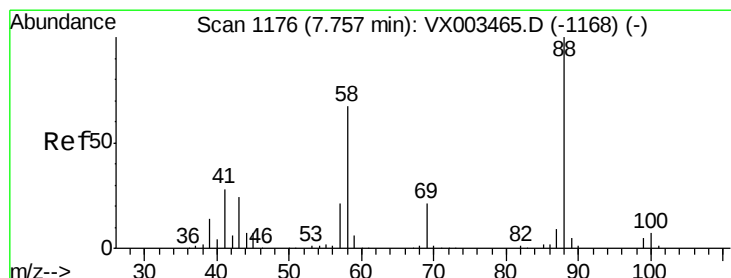
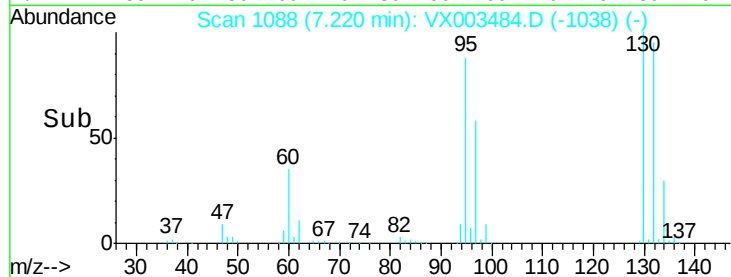
100000

50000

0

7.20 7.40

Time-->



#49

1,4-Dioxane

Concen: 25.76 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003484.D

Acq: 20 Jul 2018 01:00

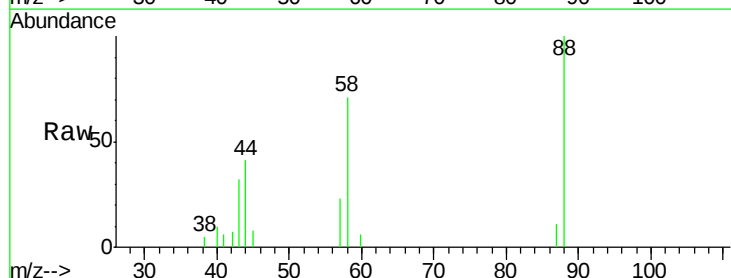
Tgt Ion: 88 Resp: 2186

Ion Ratio Lower Upper

88 100

43 48.5 29.8 44.6#

58 63.9 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500

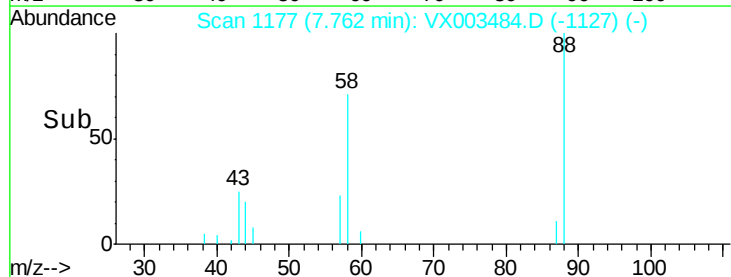
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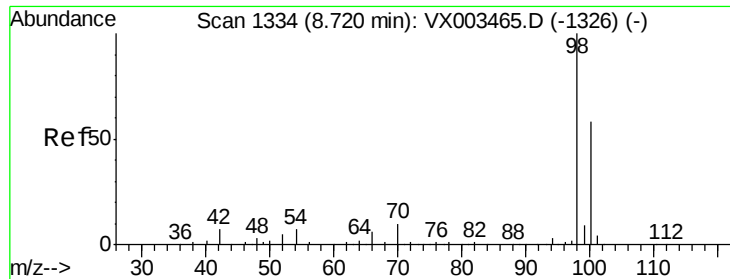
500

0

7.70 7.75 7.80 7.85

Time-->





#50

Toluene-d8

Concen: 49.09 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003484.D

Acq: 20 Jul 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

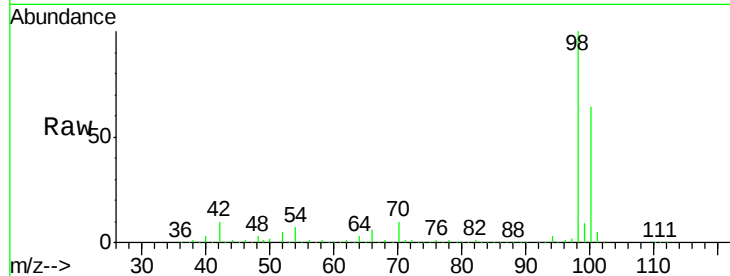
RE131D1-071018

Tot Ion: 98 Resp: 642198

Ion Ratio Lower Upper

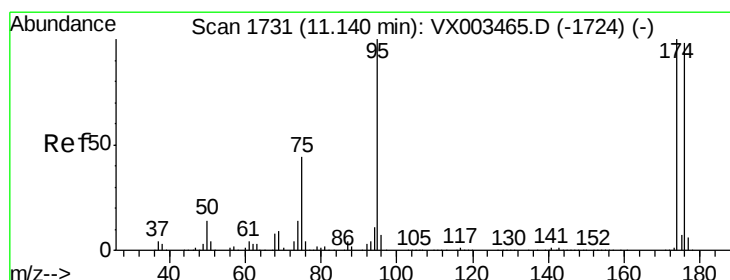
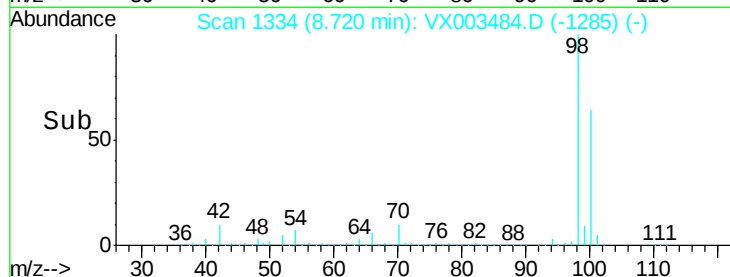
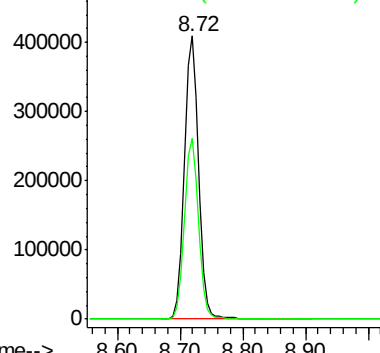
98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003484.D

Acq: 20 Jul 2018 01:00

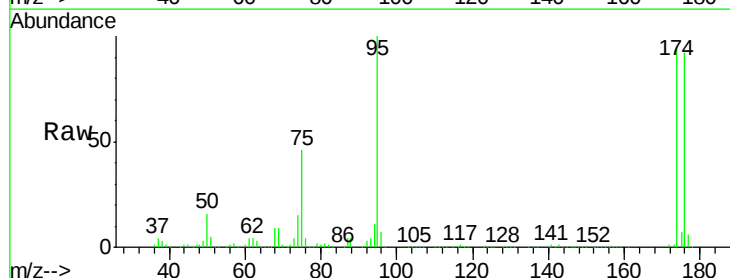
Tgt Ion: 95 Resp: 219741

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

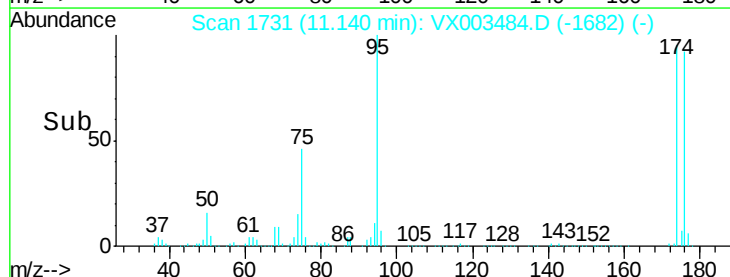
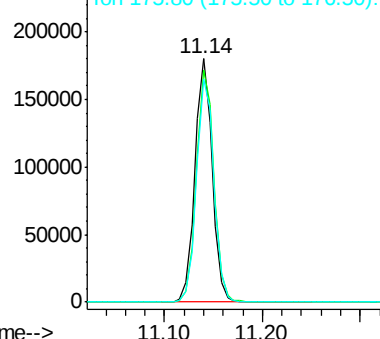
176 93.0 0.0 181.0

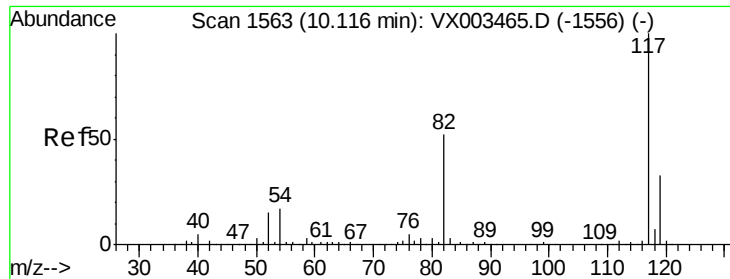


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

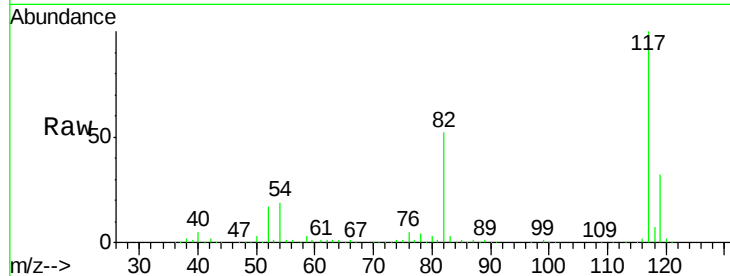




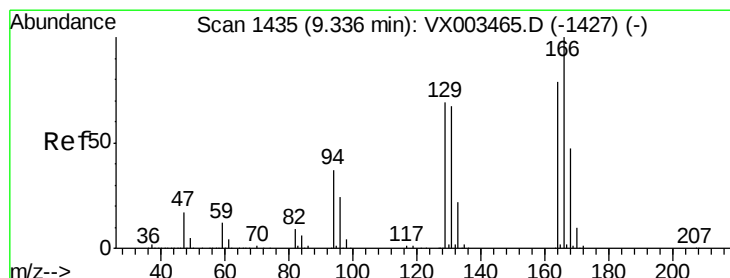
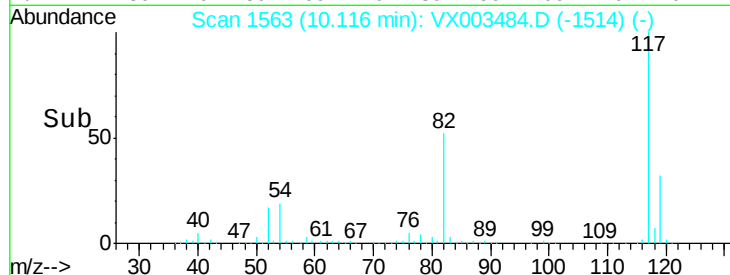
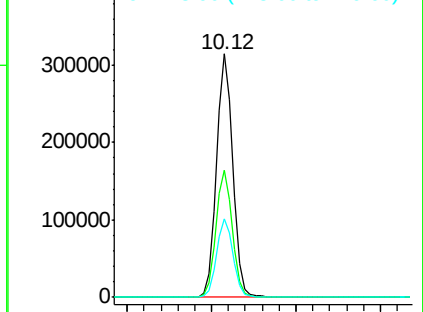
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003484.D
Acq: 20 Jul 2018 01:00

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-071018

Tot Ion:117 Resp: 423783
Ion Ratio Lower Upper
117 100
82 52.1 45.0 67.4
119 32.3 25.8 38.6

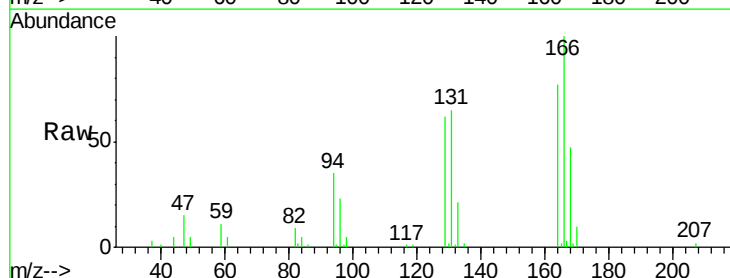


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

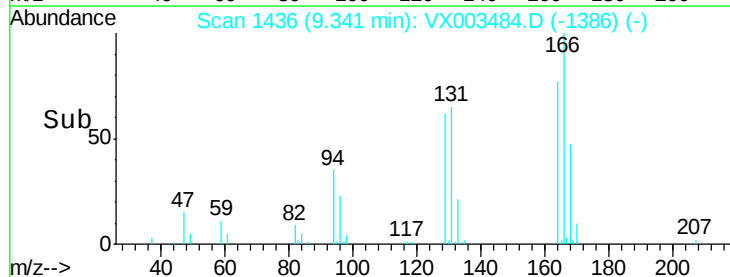
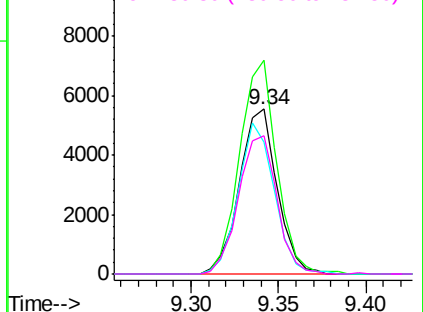


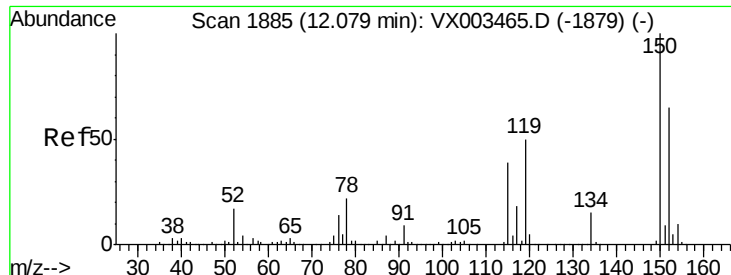
#64
Tetrachloroethene
Concen: 1.61 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003484.D
Acq: 20 Jul 2018 01:00

Tgt Ion:164 Resp: 8319
Ion Ratio Lower Upper
164 100
166 129.4 102.9 154.3
129 79.8 68.6 102.8
131 83.7 66.8 100.2



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: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX003484.D
 Acq: 20 Jul 2018 01:00

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-071018

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	40.1	120.2
150	156.4	0.0	347.2

