

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007951.D
 Acq On : 09 Mar 2019 00:28
 Operator : JC/SP
 Sample : K1793-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190305

Quant Time: Mar 09 06:01:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

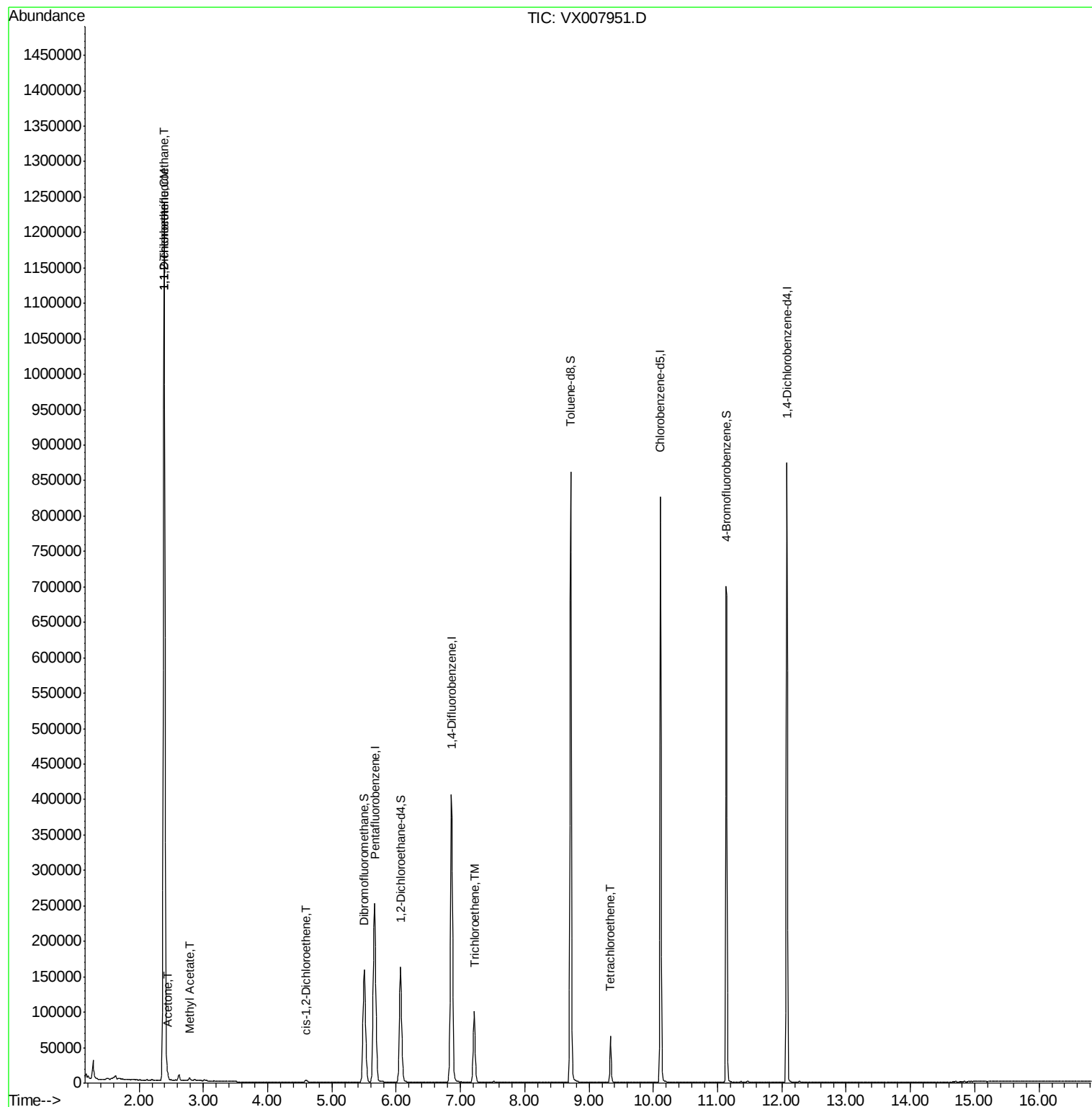
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148527	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	5.50	113	137033	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	513501	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.13	95	188836	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	508285	211.951	ug/l	Qvalue 100
12) 1,1-Dichloroethene	2.38	96	3038	1.314	ug/l #	77
16) Acetone	2.45	43	3424	2.064	ug/l	92
18) Methyl Acetate	2.78	43	4967	1.409	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	1869	0.642	ug/l	93
44) Trichloroethene	7.21	130	40969	12.870	ug/l	97
64) Tetrachloroethene	9.34	164	13921	4.179	ug/l	94

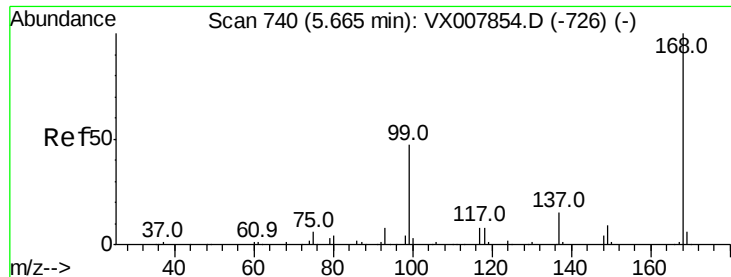
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007951.D

Acq: 09 Mar 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

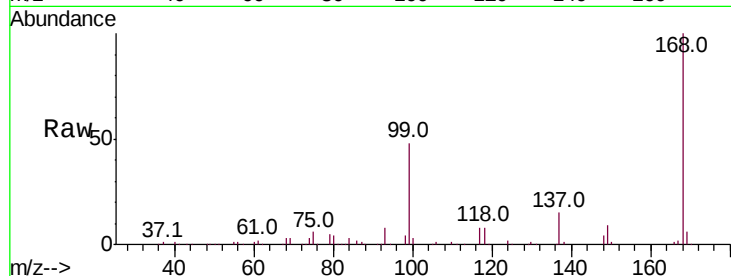
RE131D3-20190305

Tot Ion:168 Resp: 271697

Ion Ratio Lower Upper

168 100

99 48.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

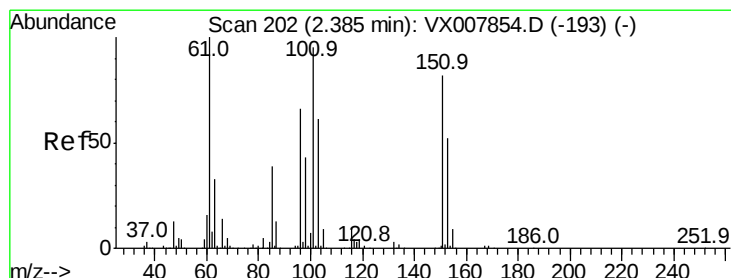
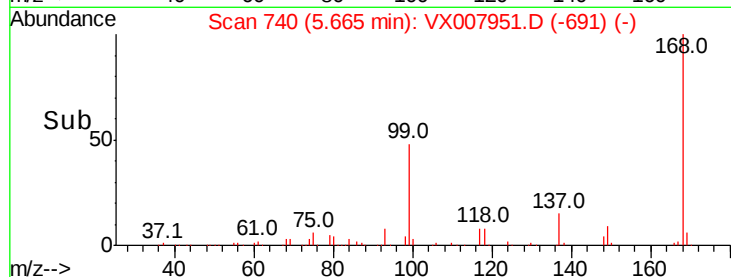
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 211.951 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007951.D

Acq: 09 Mar 2019 00:28

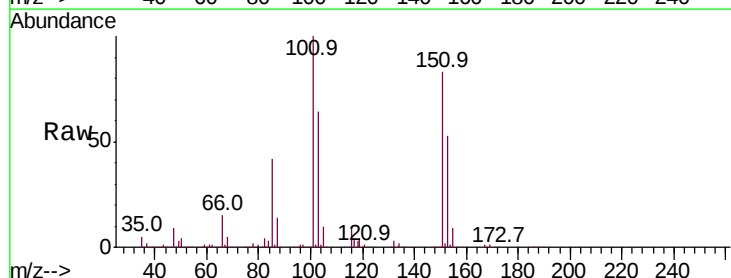
Tgt Ion:101 Resp: 508285

Ion Ratio Lower Upper

101 100

85 42.4 33.8 50.6

151 86.5 69.1 103.7



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

2.39

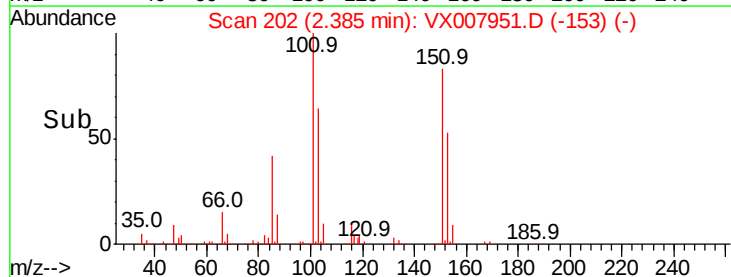
300000

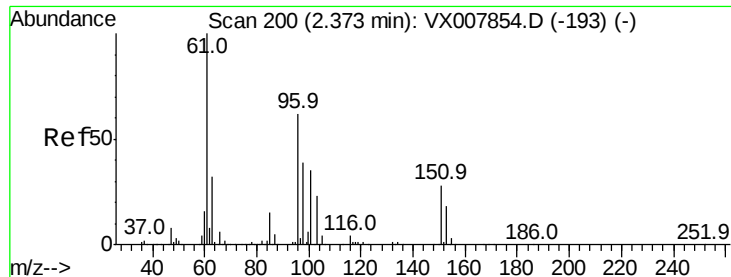
200000

100000

0

Time--> 2.30 2.40 2.50





#12

1,1-Dichloroethene

Concen: 1.314 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007951.D

Acq: 09 Mar 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20190305

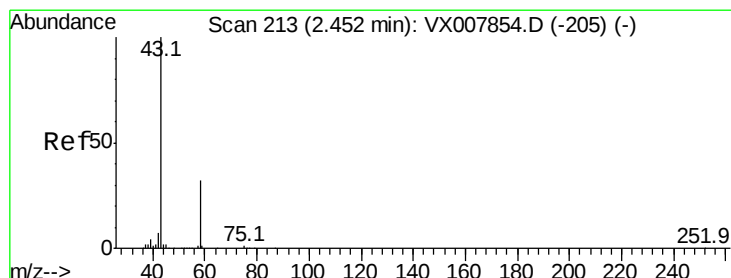
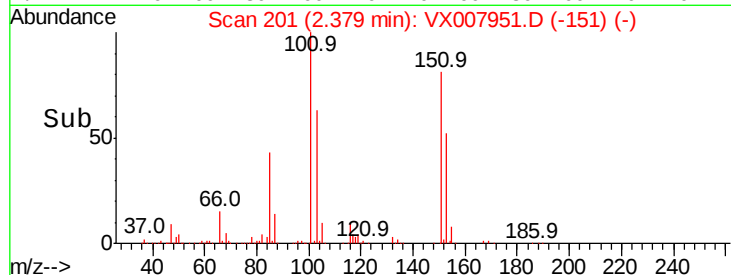
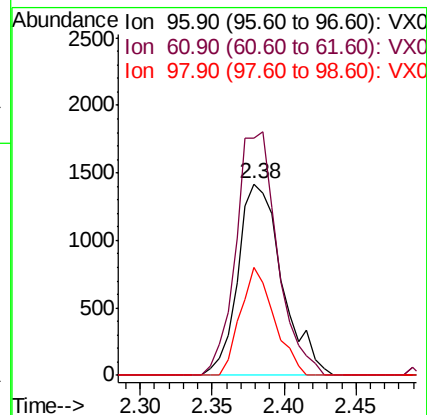
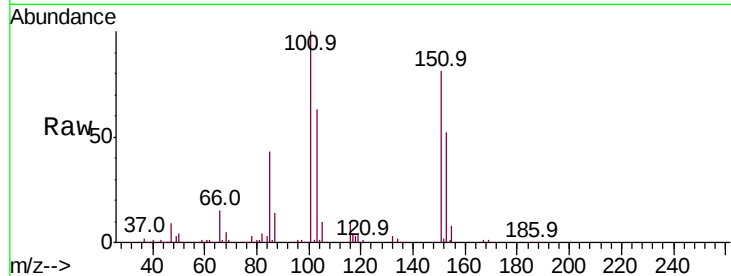
Tot Ion: 96 Resp: 3038

Ion Ratio Lower Upper

96 100

61 123.9 129.8 194.6#

98 56.6 51.0 76.6



#16

Acetone

Concen: 2.064 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007951.D

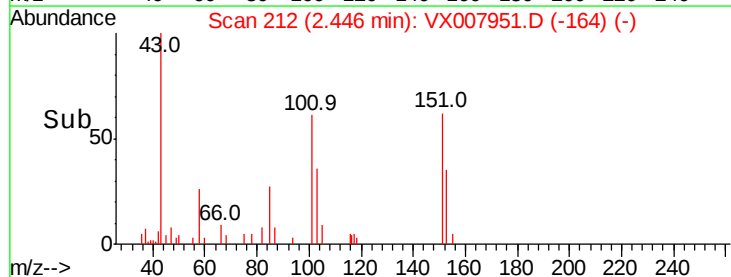
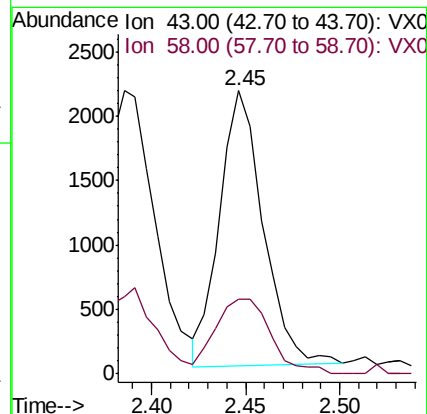
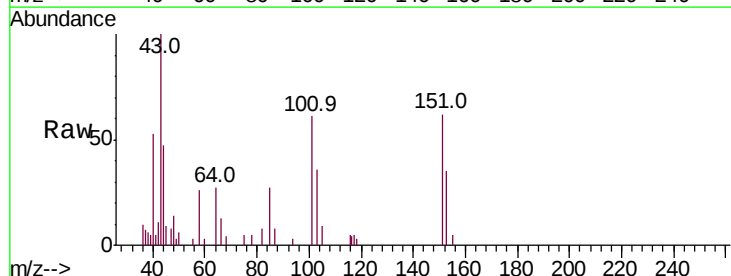
Acq: 09 Mar 2019 00:28

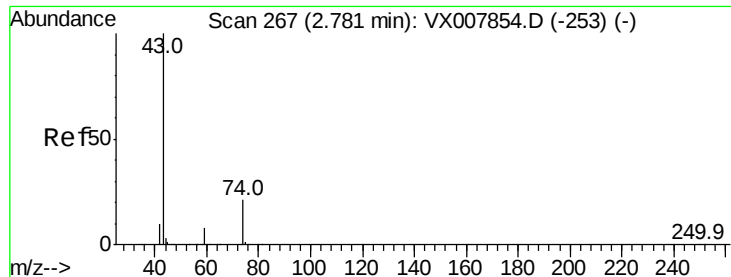
Tgt Ion: 43 Resp: 3424

Ion Ratio Lower Upper

43 100

58 27.5 25.5 38.3

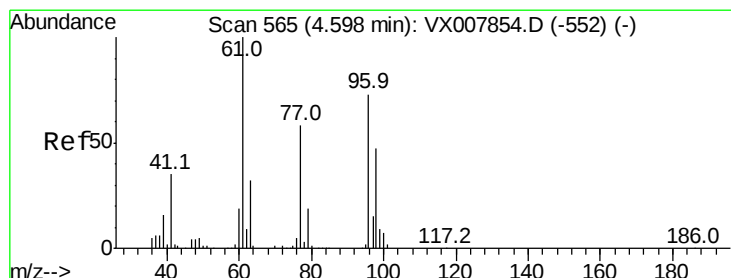
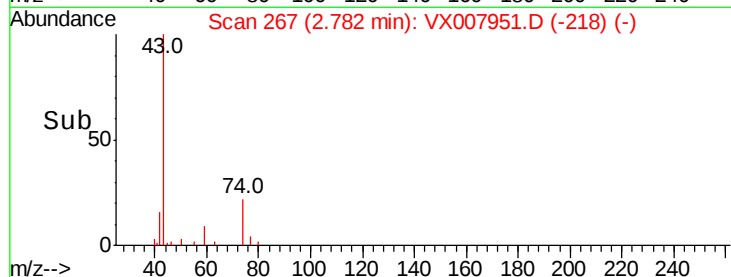
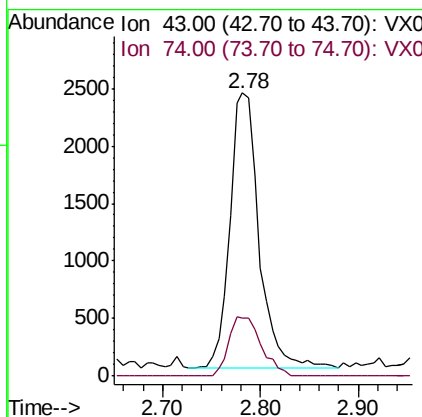
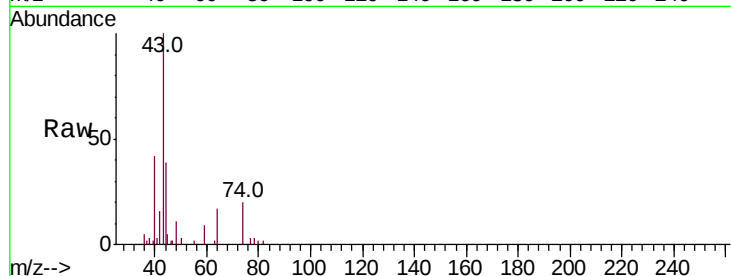




#18
Methvl Acetate
Concen: 1.409 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007951.D
Acq: 09 Mar 2019 00:28

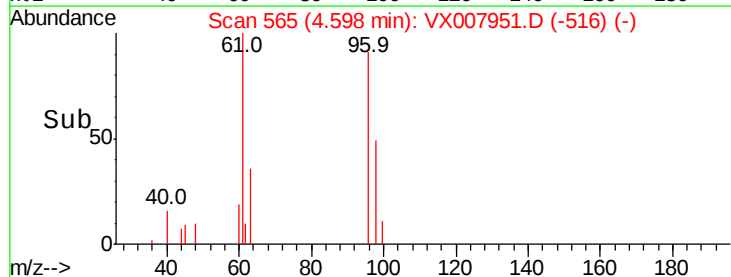
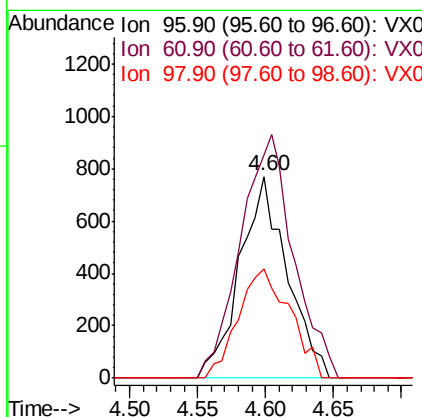
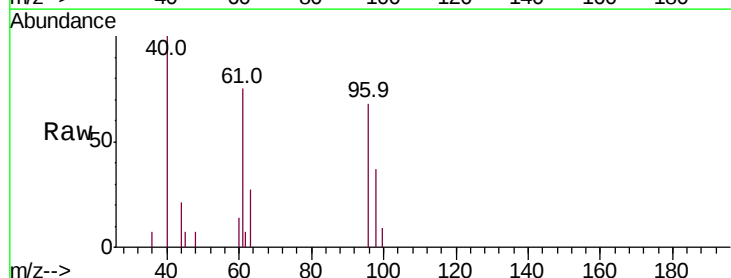
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190305

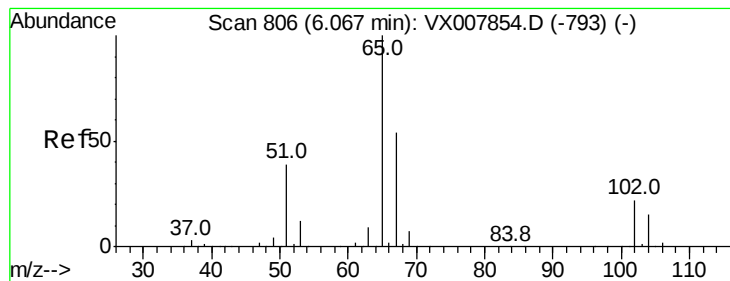
Tot Ion: 43 Resp: 4967
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.6



#27
cis-1,2-Dichloroethene
Concen: 0.642 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007951.D
Acq: 09 Mar 2019 00:28

Tgt Ion: 96 Resp: 1869
Ion Ratio Lower Upper
96 100
61 135.3 0.0 288.0
98 59.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 51.821 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007951.D

Acq: 09 Mar 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

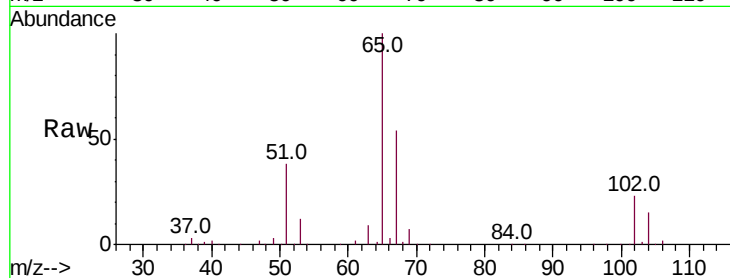
RE131D3-20190305

Tot Ion: 65 Resp: 148527

Ion Ratio Lower Upper

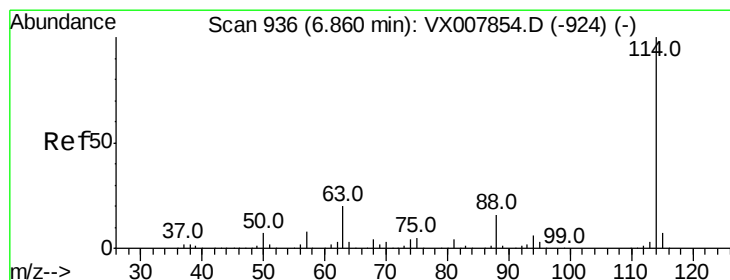
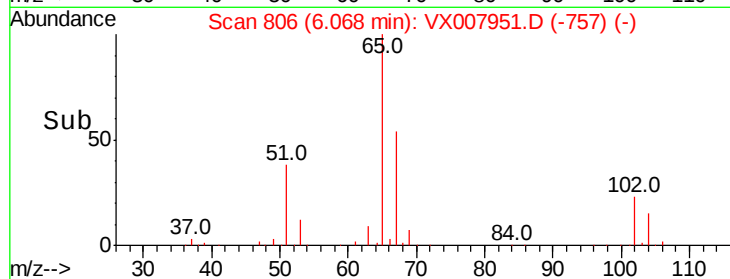
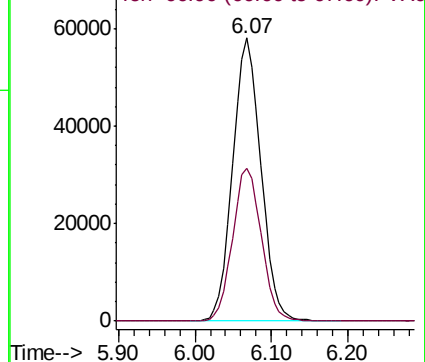
65 100

67 55.0 0.0 110.0



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007951.D

Acq: 09 Mar 2019 00:28

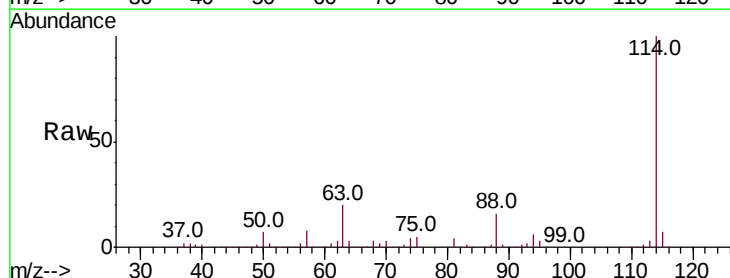
Tgt Ion:114 Resp: 428500

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

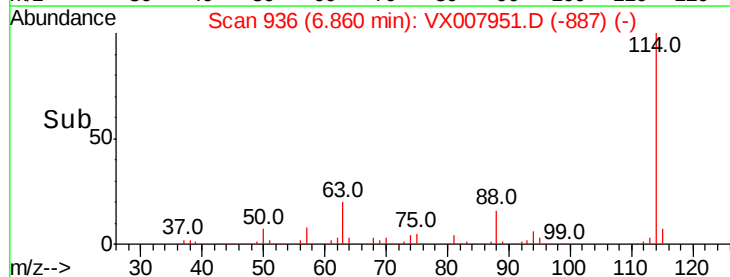
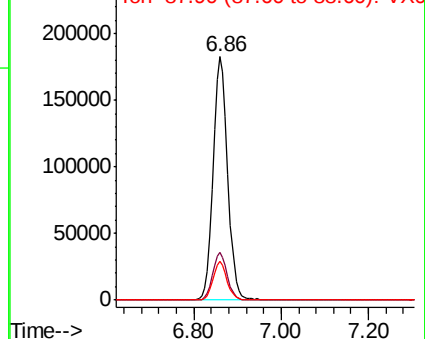
88 15.8 0.0 31.4

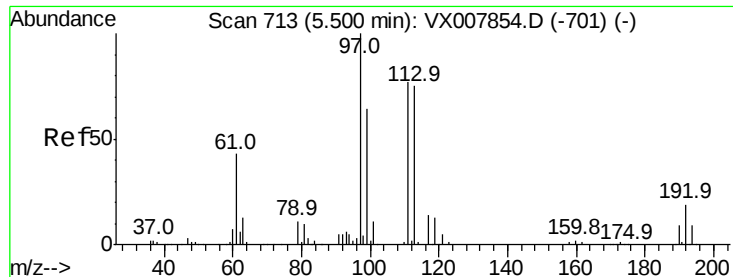


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

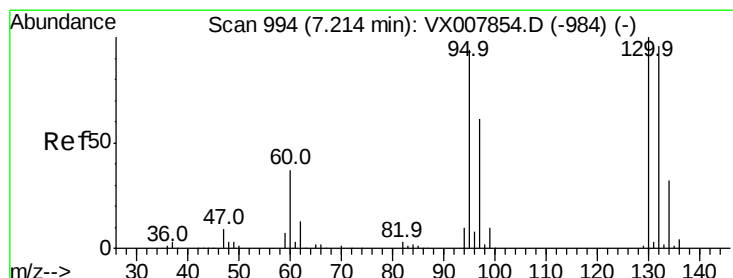
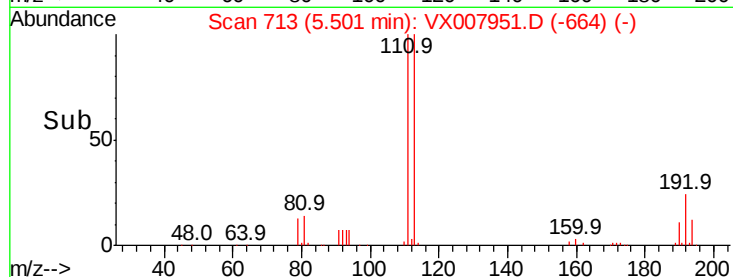
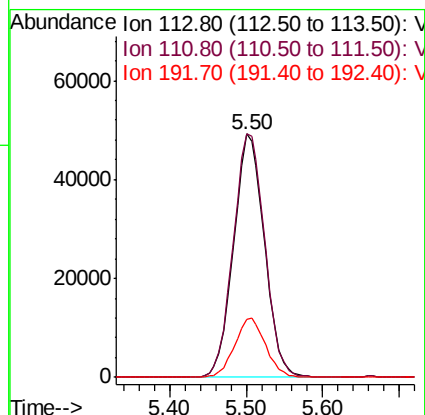
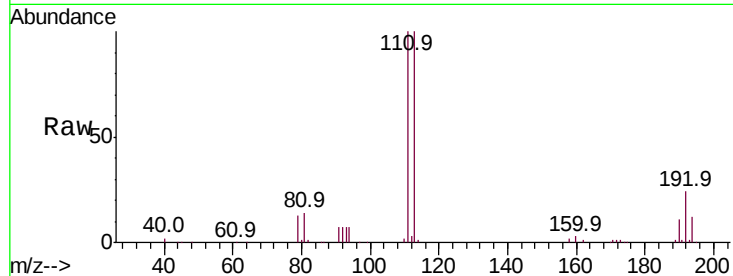




#35
 Dibromofluoromethane
 Concen: 49.994 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007951.D
 Acq: 09 Mar 2019 00:28

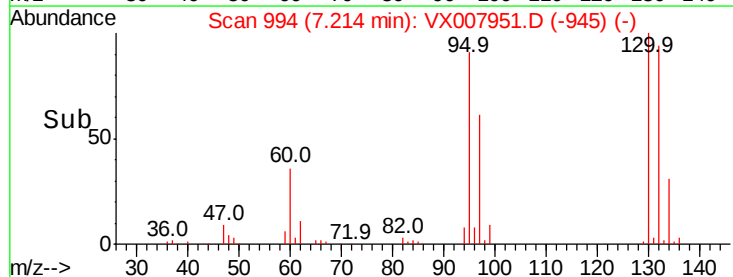
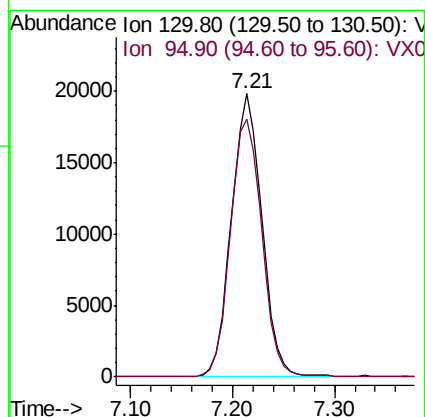
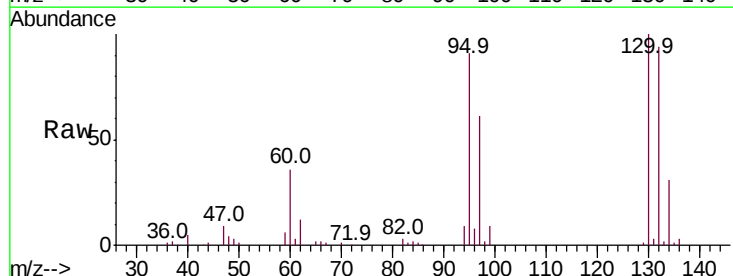
Instrument :
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 ClientSampleId :
 RE131D3-20190305

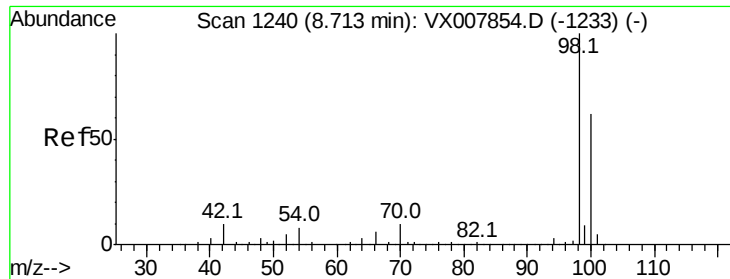
Tot Ion:113 Resp: 137033
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.3 19.4 29.0



#44
 Trichloroethene
 Concen: 12.870 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007951.D
 Acq: 09 Mar 2019 00:28

Tgt Ion:130 Resp: 40969
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 188.0





#50

Toluene-d8

Concen: 51.012 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007951.D

Acq: 09 Mar 2019 00:28

Instrument :

MSVOA_X

ClientSampleId :

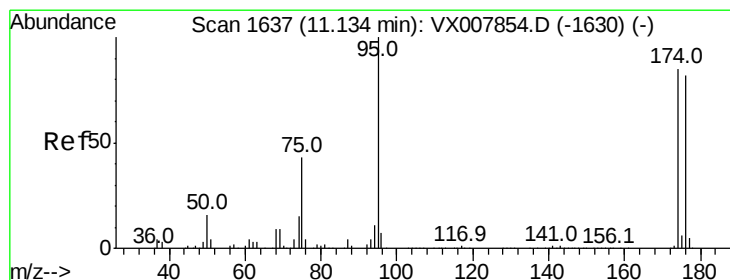
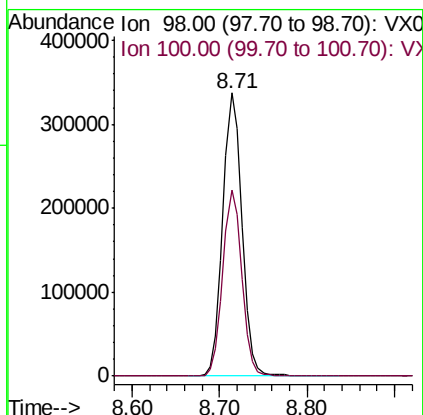
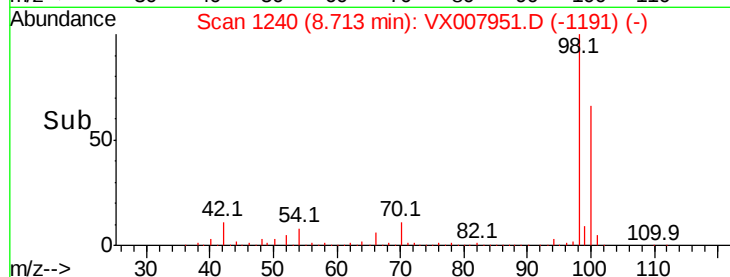
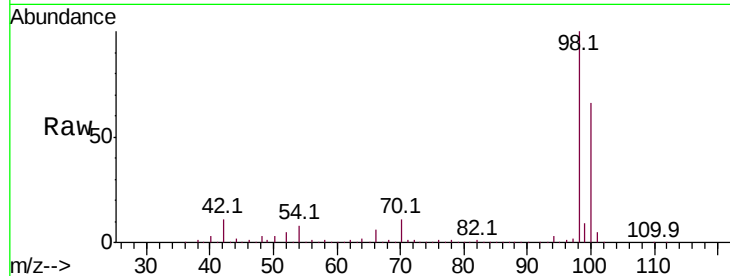
RE131D3-20190305

Tot Ion: 98 Resp: 513501

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 53.505 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007951.D

Acq: 09 Mar 2019 00:28

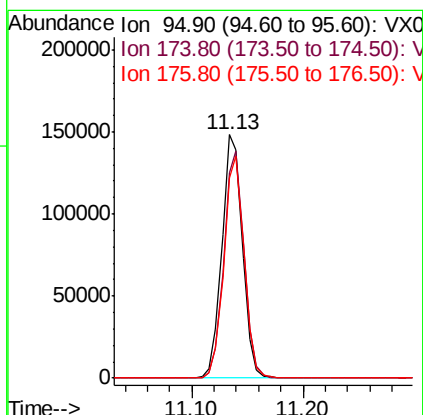
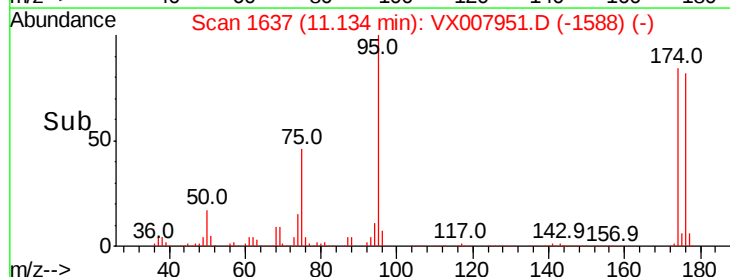
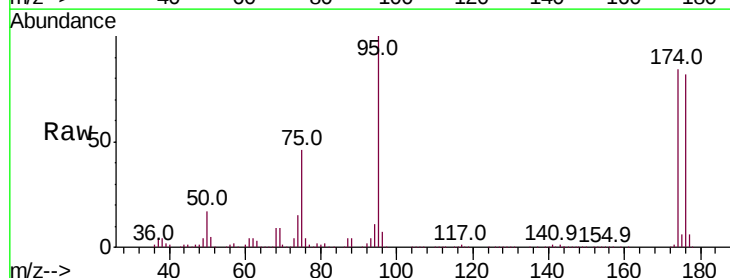
Tgt Ion: 95 Resp: 188836

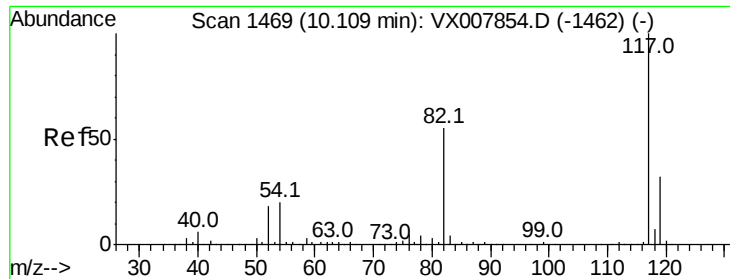
Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

176 89.4 0.0 178.0

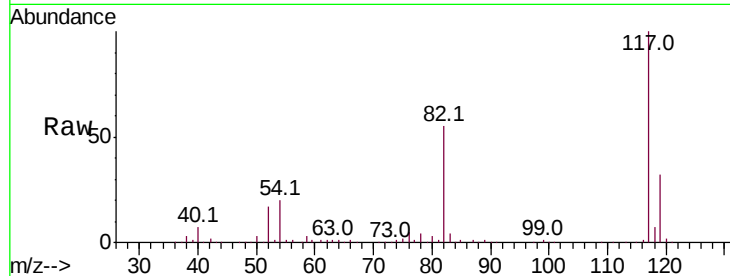




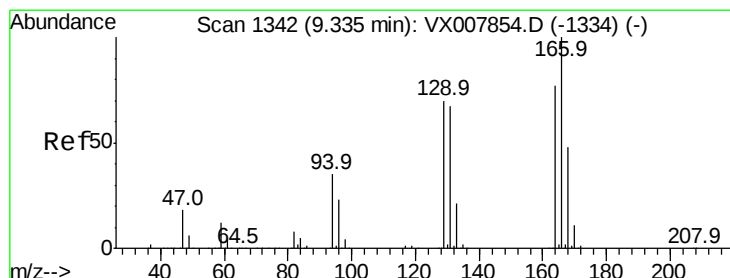
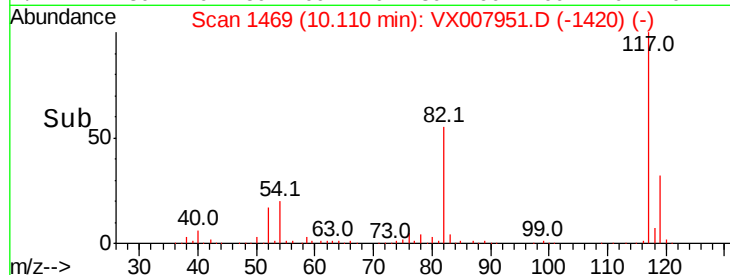
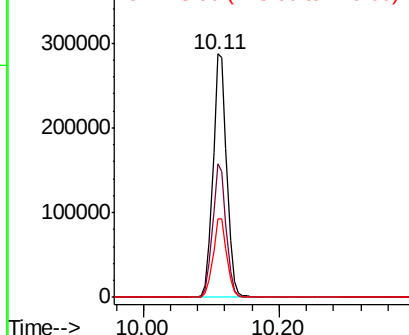
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007951.D
Acq: 09 Mar 2019 00:28

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20190305

Tot Ion:117 Resp: 401943
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.0 25.3 37.9

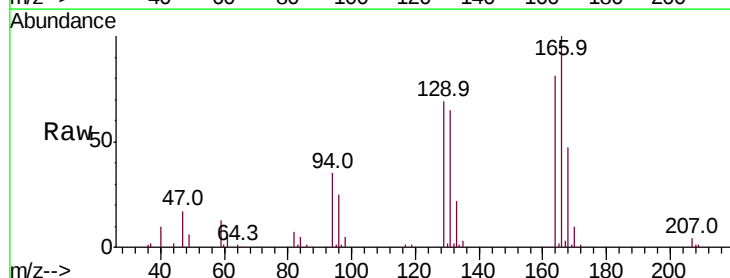


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

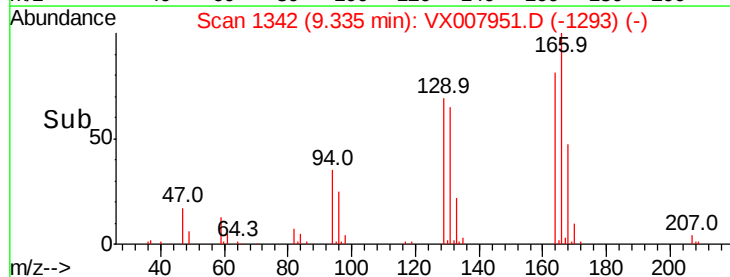
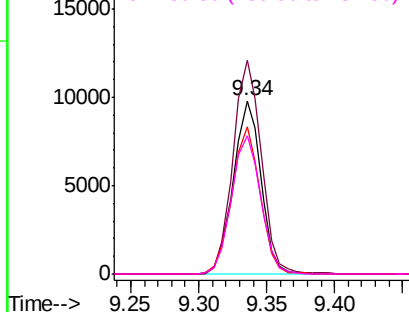


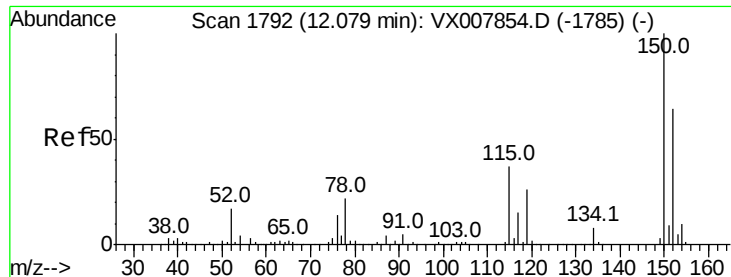
#64
Tetrachloroethene
Concen: 4.179 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007951.D
Acq: 09 Mar 2019 00:28

Tgt Ion:164 Resp: 13921
Ion Ratio Lower Upper
164 100
166 123.3 103.4 155.0
129 85.1 72.2 108.4
131 79.9 69.4 104.2



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: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007951.D
 Acq: 09 Mar 2019 00:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20190305

Tot Ion:152 Resp: 192472
 Ion Ratio Lower Upper
 152 100
 115 54.8 38.6 115.7
 150 156.1 0.0 348.4

