

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008907.D
 Acq On : 13 Apr 2019 00:05
 Operator : JC/SP
 Sample : K2311-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 0240-COMP-CS-5-ELTRT-DISS

Quant Time: Apr 13 06:30:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

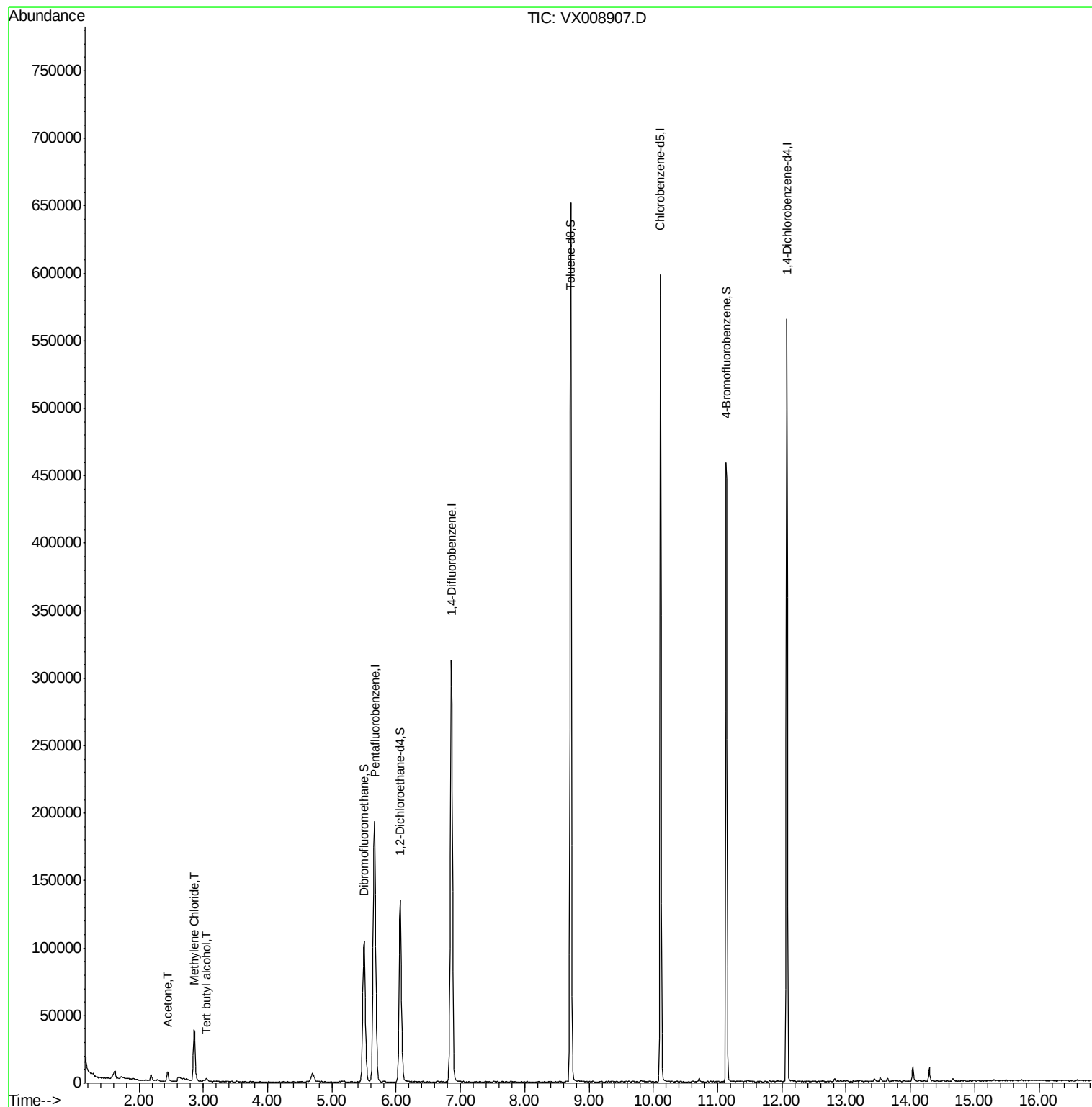
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299121	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125169	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	5.50	113	90585	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	8.71	98	379630	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	126254	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
11) Tert butyl alcohol	3.05	59	2504	3.897	ug/l #	88
16) Acetone	2.45	43	7914	5.007	ug/l	95
20) Methylene Chloride	2.85	84	17669	6.678	ug/l	98

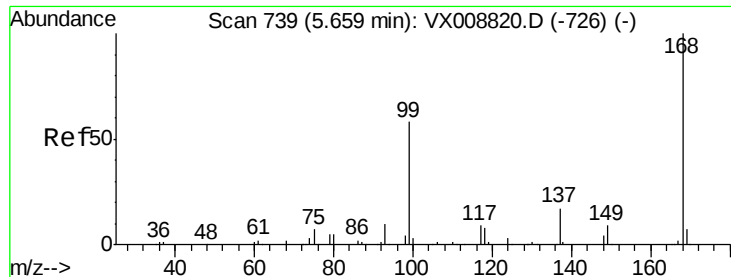
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008907.D

Acq: 13 Apr 2019 00:05

Instrument :

MSVOA_X

ClientSampleId :

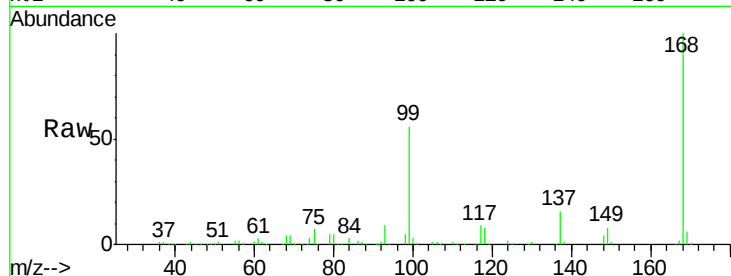
0240-COMP-CS-5-ELTRT-DISS

Tgt Ion:168 Resp: 188152

Ion Ratio Lower Upper

168 100

99 55.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

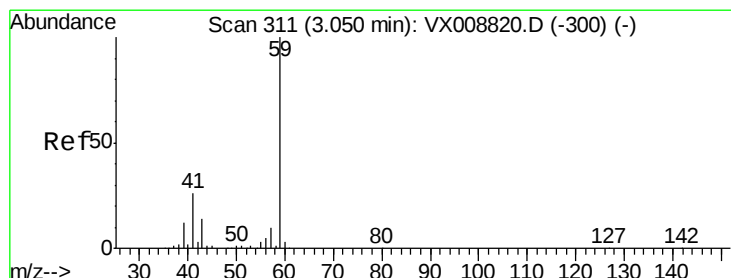
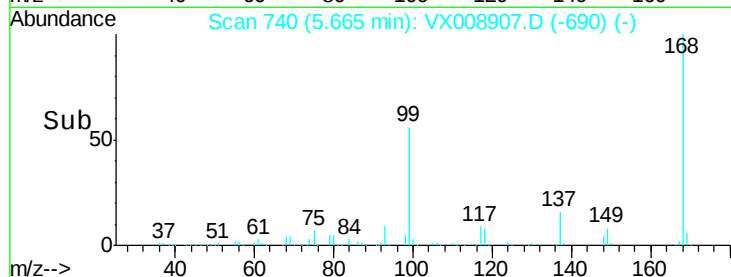
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 3.897 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.01 min

Lab File: VX008907.D

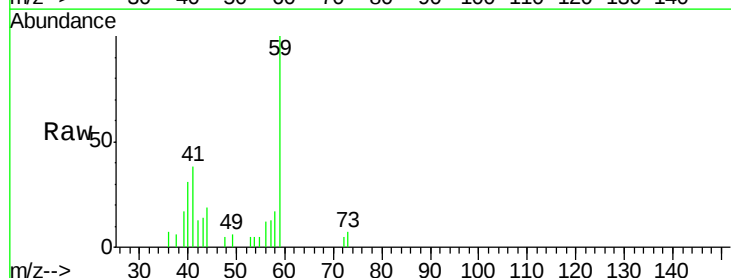
Acq: 13 Apr 2019 00:05

Tgt Ion: 59 Resp: 2504

Ion Ratio Lower Upper

59 100

57 14.9 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

1200

1000

800

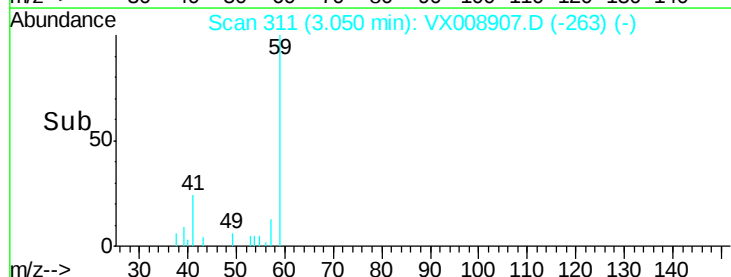
600

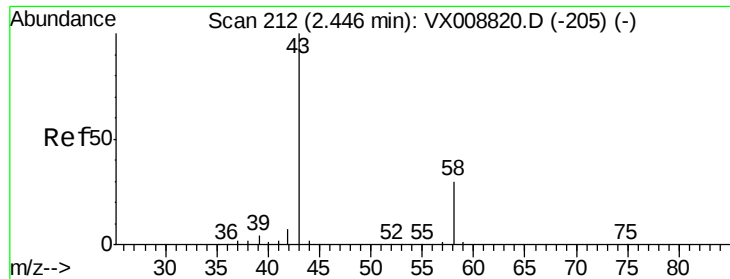
400

200

0

Time--> 3.00 3.10





#16

Acetone

Concen: 5.007 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008907.D

Acq: 13 Apr 2019 00:05

Instrument :

MSVOA_X

ClientSampleId :

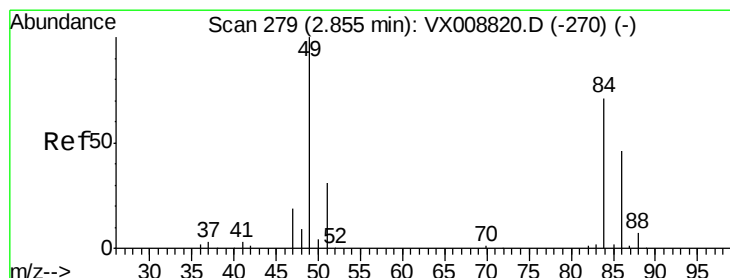
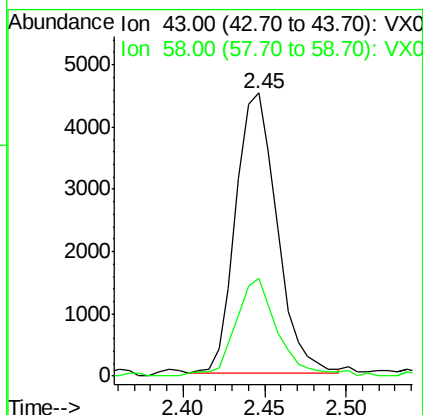
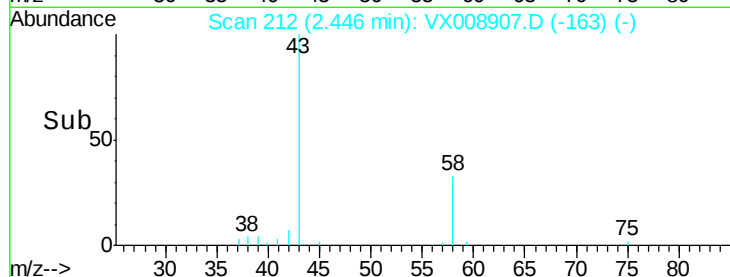
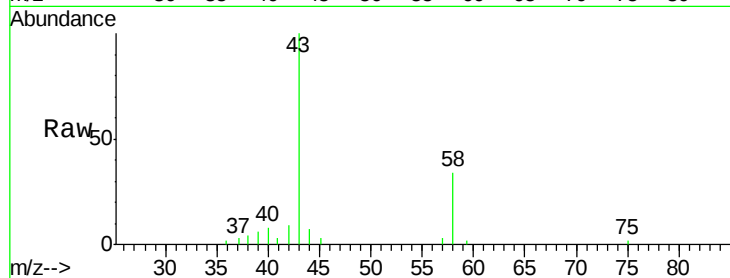
0240-COMP-CS-5-ELTRT-DISS

Tgt Ion: 43 Resp: 7914

Ion Ratio Lower Upper

43 100

58 33.6 24.8 37.2



#20

Methylene Chloride

Concen: 6.678 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008907.D

Acq: 13 Apr 2019 00:05

Tgt Ion: 84 Resp: 17669

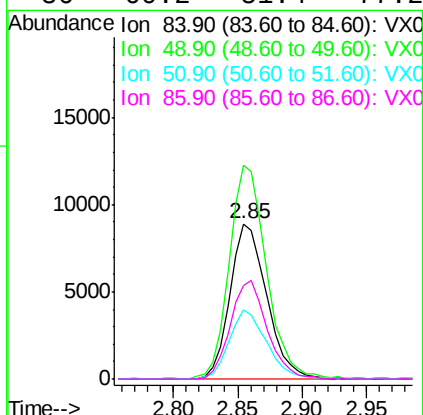
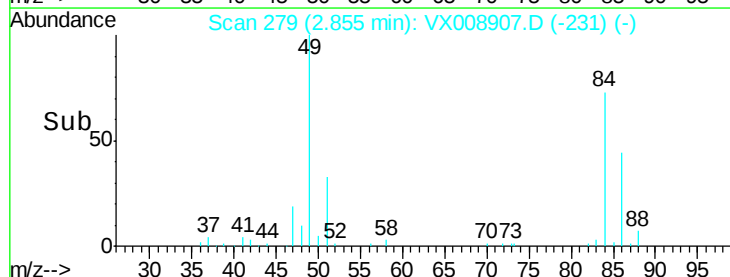
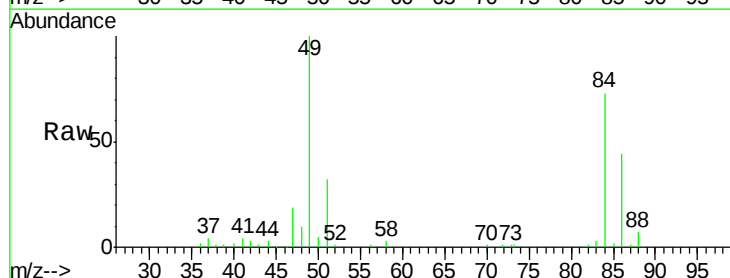
Ion Ratio Lower Upper

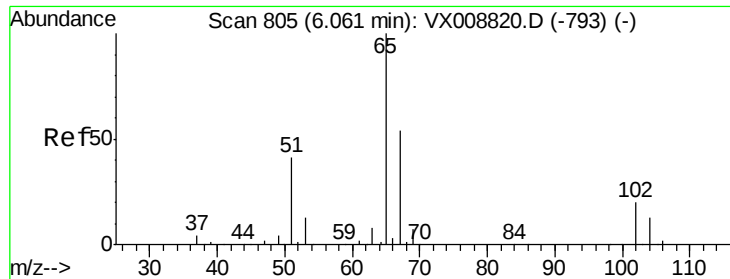
84 100

49 137.8 109.7 164.5

51 44.6 33.6 50.4

86 60.2 51.4 77.2

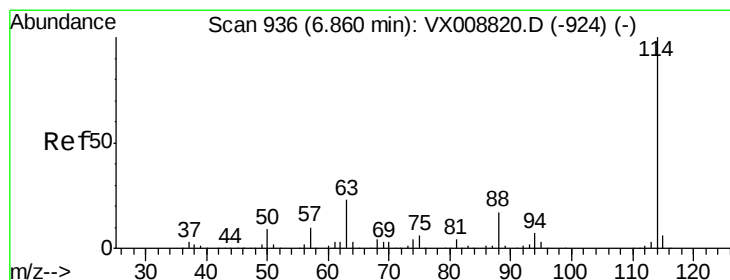
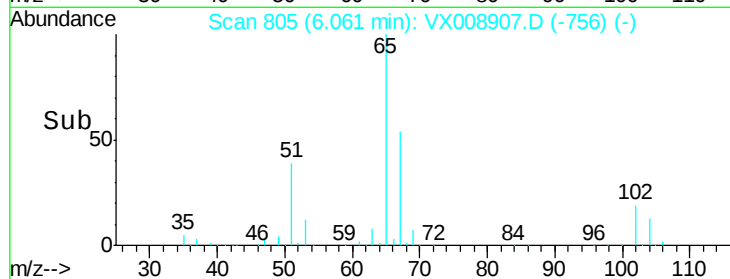
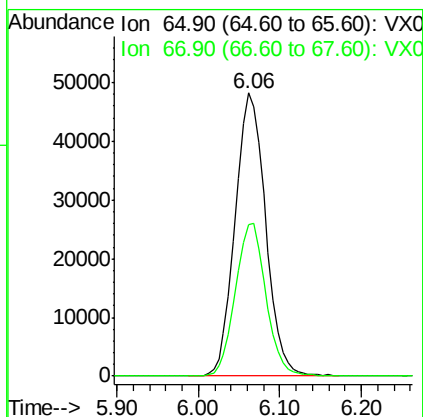
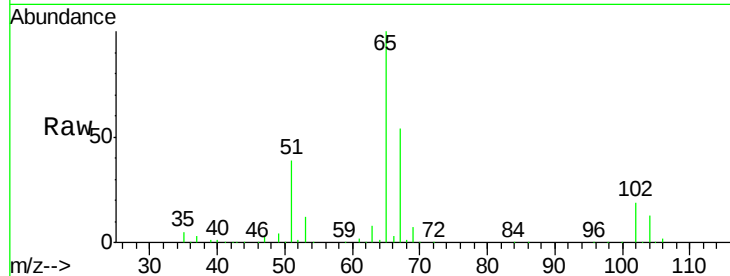




#33
 1,2-Dichloroethane-d4
 Concen: 45.610 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008907.D
 Acq: 13 Apr 2019 00:05

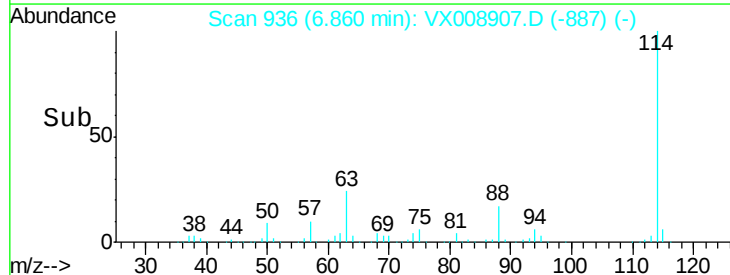
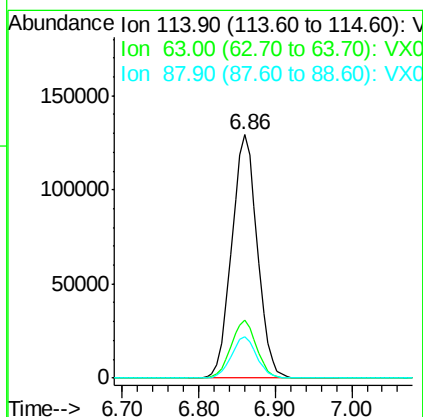
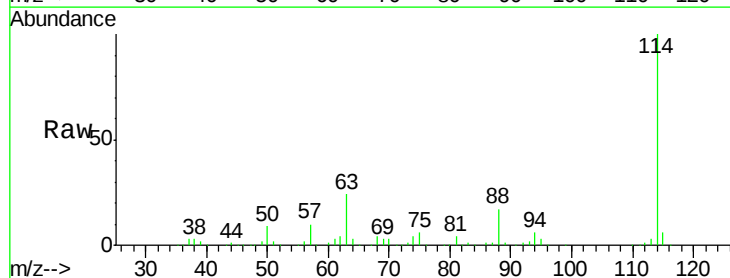
Instrument :
 MSVOA_X
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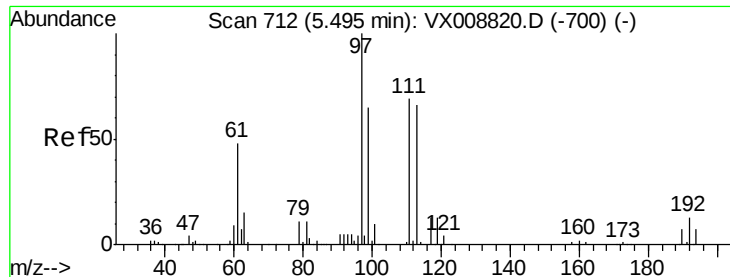
Tgt Ion: 65 Resp: 125169
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008907.D
 Acq: 13 Apr 2019 00:05

Tgt Ion: 114 Resp: 299121
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.2
 88 17.0 0.0 34.0

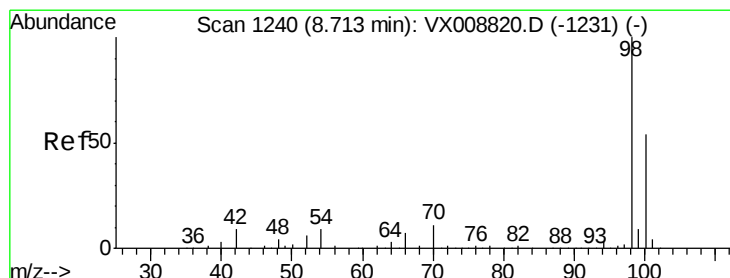
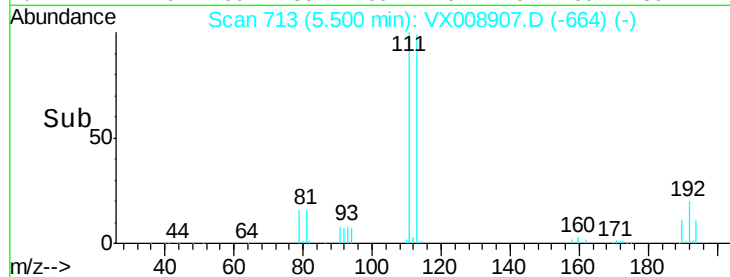
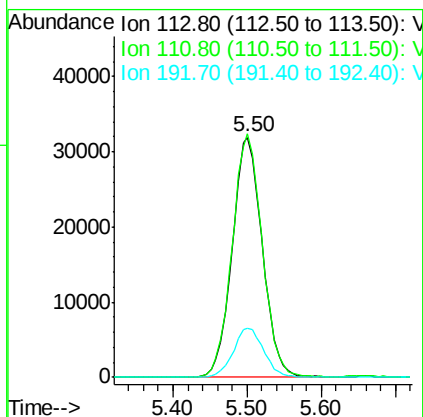
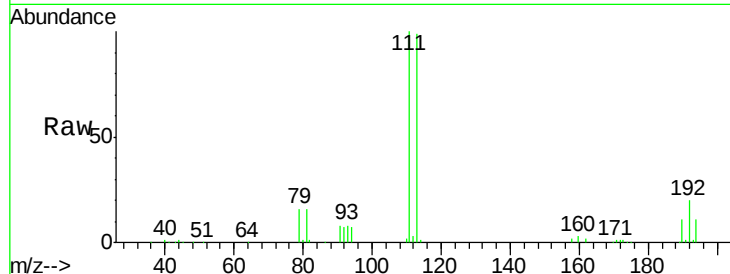




#35
 Dibromofluoromethane
 Concen: 47.366 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008907.D
 Acq: 13 Apr 2019 00:05

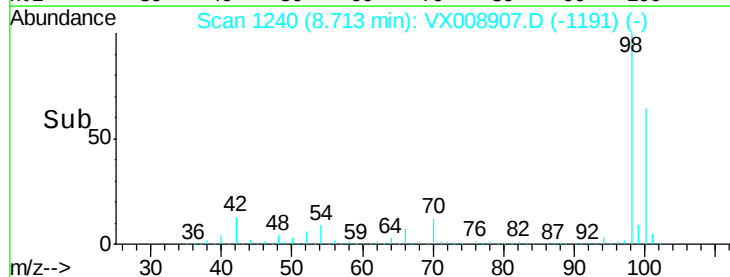
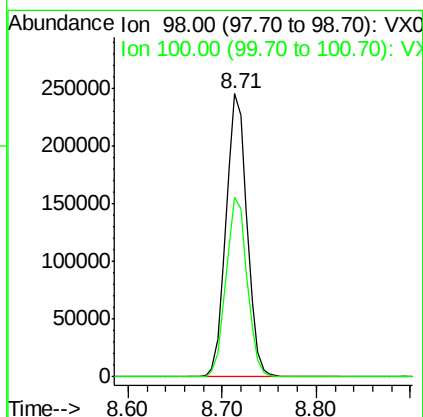
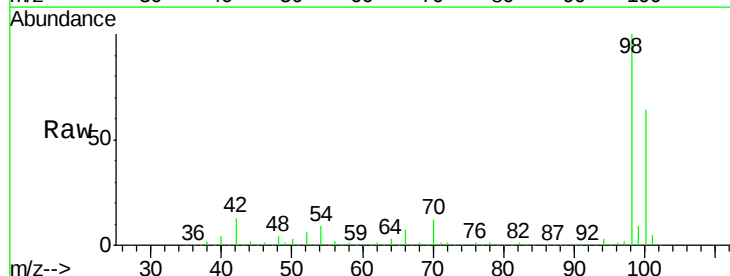
Instrument :
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 ClientSampleId :
 0240-COMP-CS-5-ELTRT-DISS

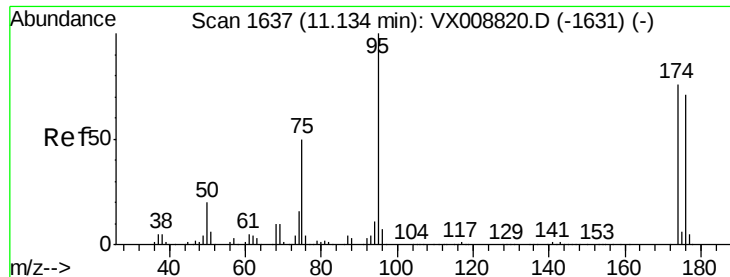
Tgt Ion:113 Resp: 90585
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.4 125.2
 192 20.9 16.1 24.1



#50
 Toluene-d8
 Concen: 49.853 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008907.D
 Acq: 13 Apr 2019 00:05

Tgt Ion: 98 Resp: 379630
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0

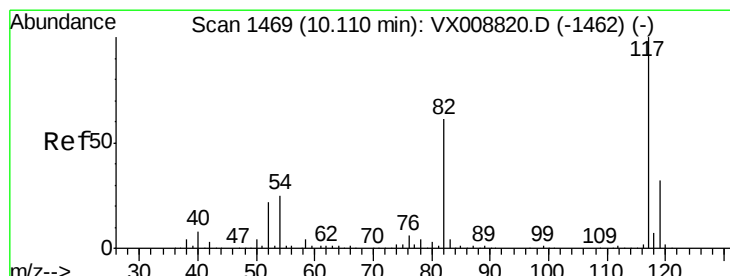
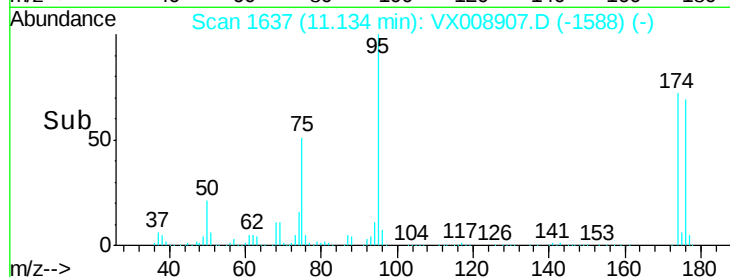
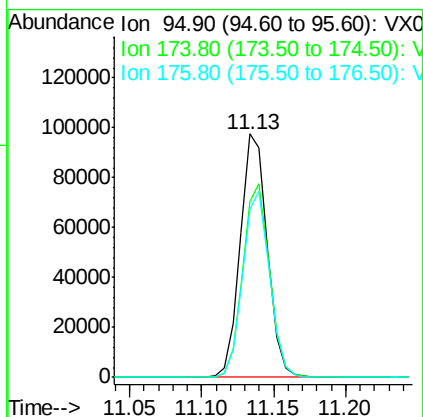
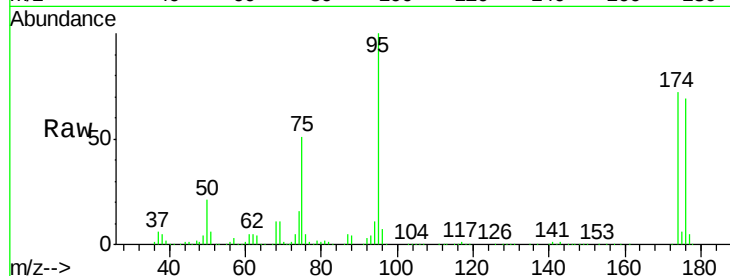




#62
4-Bromofluorobenzene
Concen: 46.754 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008907.D
Acq: 13 Apr 2019 00:05

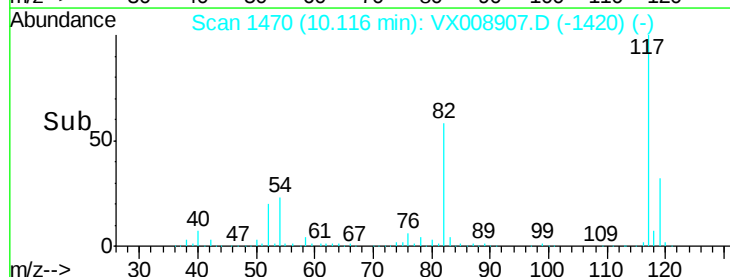
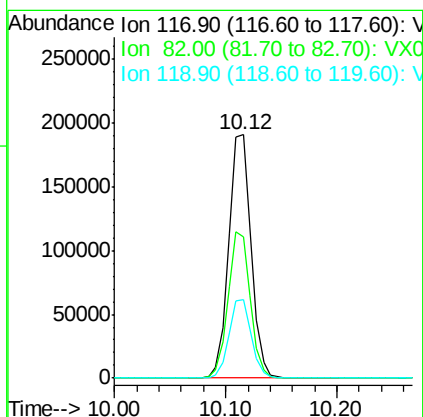
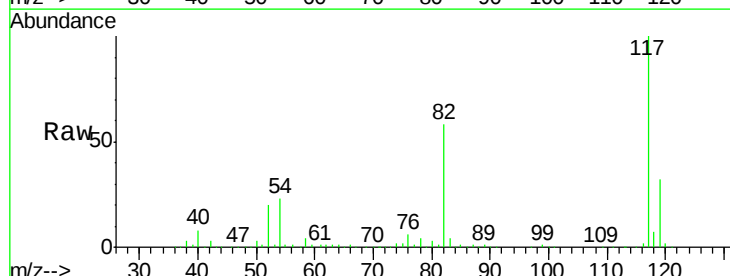
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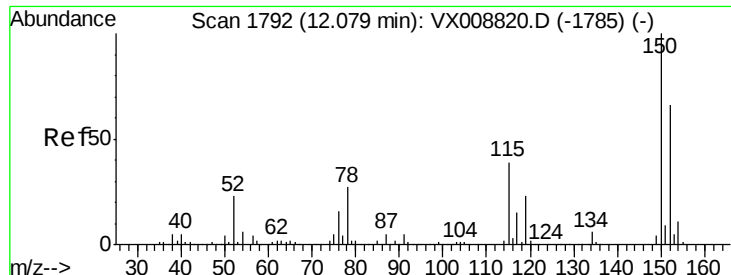
Tgt Ion: 95 Resp: 126254
Ion Ratio Lower Upper
95 100
174 79.1 0.0 151.8
176 75.6 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008907.D
Acq: 13 Apr 2019 00:05

Tgt Ion: 117 Resp: 265041
Ion Ratio Lower Upper
117 100
82 57.9 49.6 74.4
119 32.2 25.0 37.4

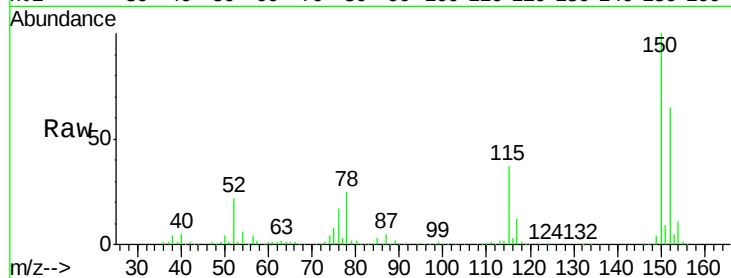




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008907.D
 Acq: 13 Apr 2019 00:05

Instrument :
 MSVOA_X
 ClientSampleId :
 0240-COMP-CS-5-ELTRT-DISS

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	43.5	130.5
150	157.3	0.0	348.8



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

