

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX053019\
 Data File : VX009964.D
 Acq On : 30 May 2019 16:38
 Operator : JC/SP
 Sample : K3106-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 8-9-TRACK

Quant Time: May 31 15:21:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

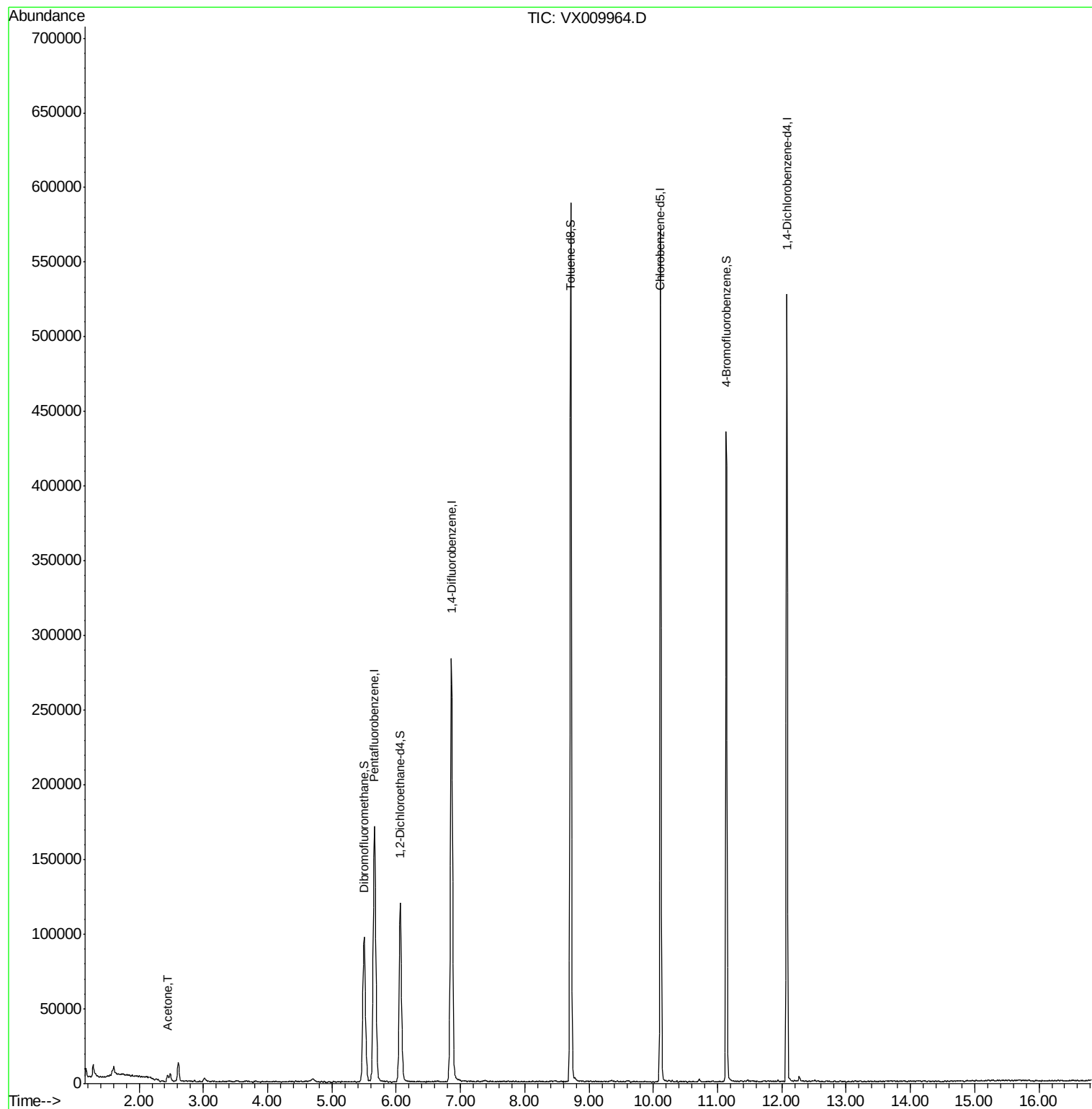
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	114860	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	5.50	113	83206	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	341657	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	115521	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
Target Compounds						
16) Acetone	2.45	43	4788	3.507	ug/l	Qvalue 91

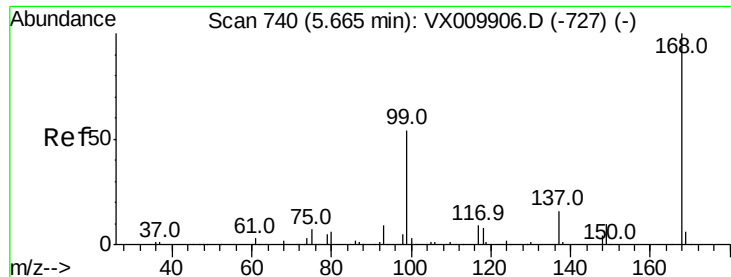
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009964.D

Acq: 30 May 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

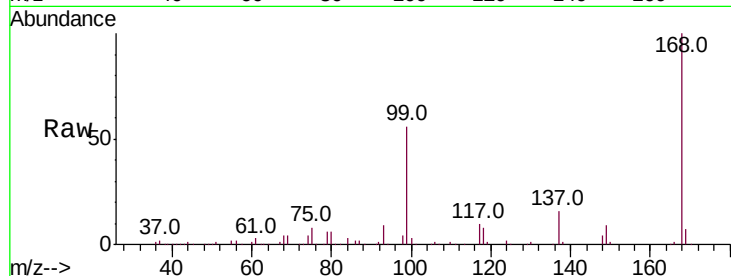
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Tot Ion:168 Resp: 167267

Ion Ratio Lower Upper

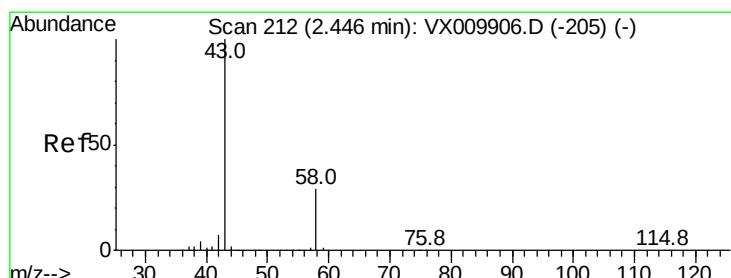
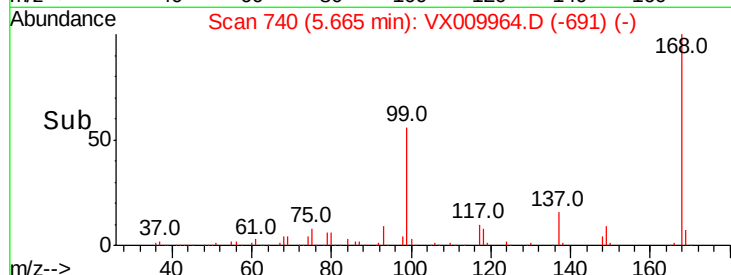
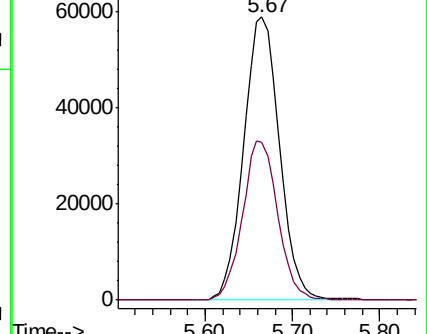
168 100

99 56.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.507 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009964.D

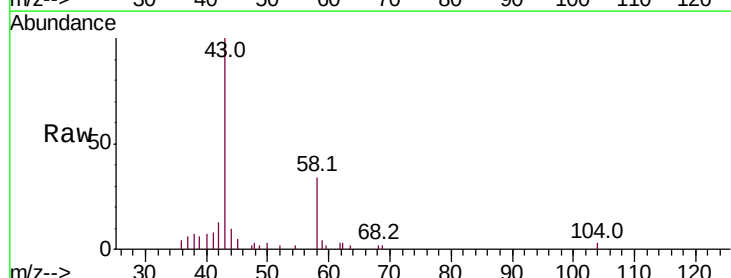
Acq: 30 May 2019 16:38

Tgt Ion: 43 Resp: 4788

Ion Ratio Lower Upper

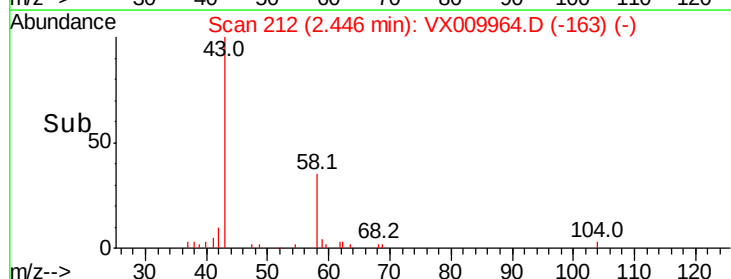
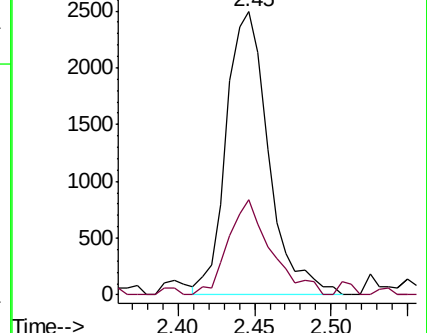
43 100

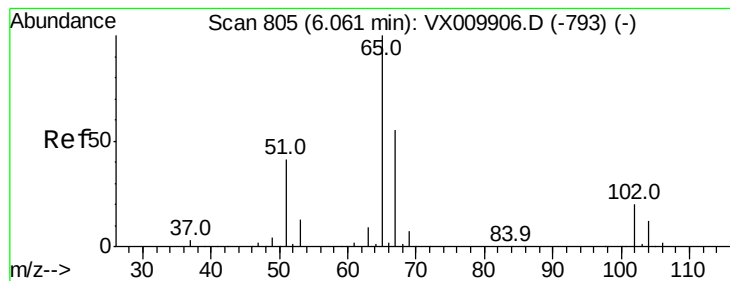
58 33.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.612 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009964.D

Acq: 30 May 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

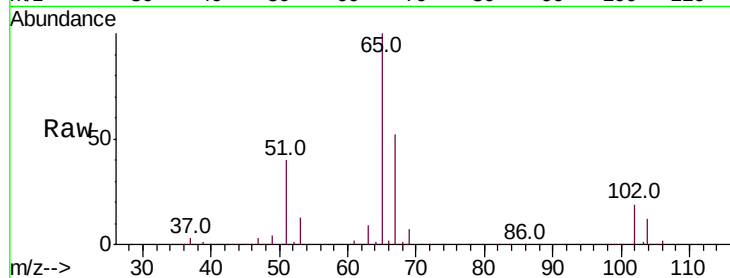
8-9-TRACK

Tot Ion: 65 Resp: 114860

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

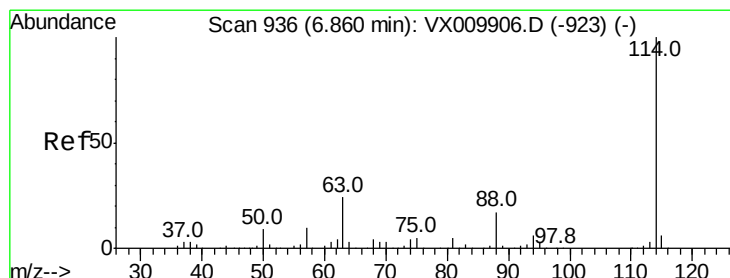
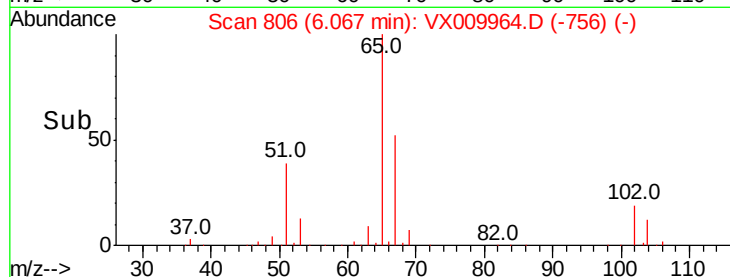
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009964.D

Acq: 30 May 2019 16:38

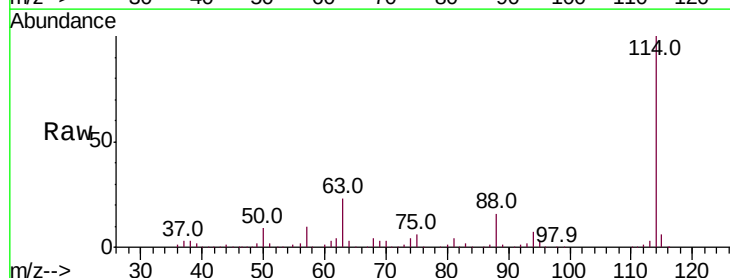
Tgt Ion:114 Resp: 270235

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.4

88 16.2 0.0 33.0



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

6.86

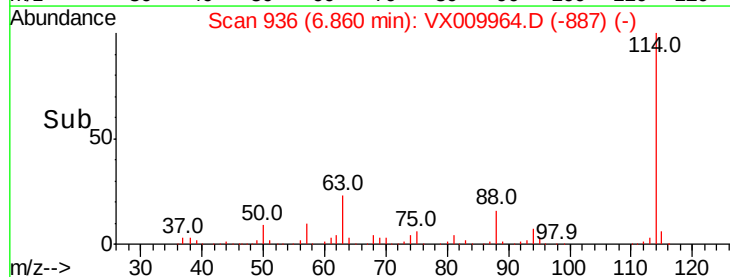
150000

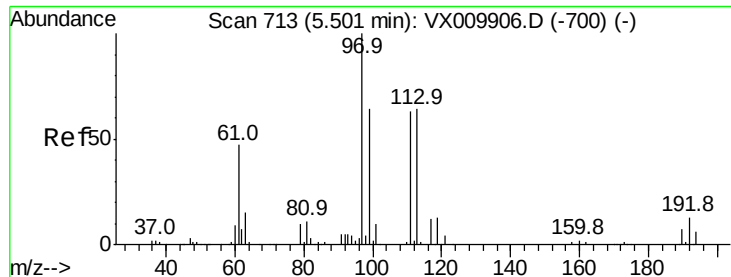
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.974 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009964.D

Acq: 30 May 2019 16:38

Instrument :

MSVOA_X

ClientSampleId :

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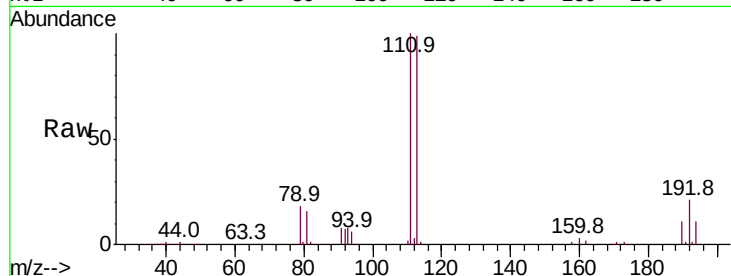
Tot Ion:113 Resp: 83206

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

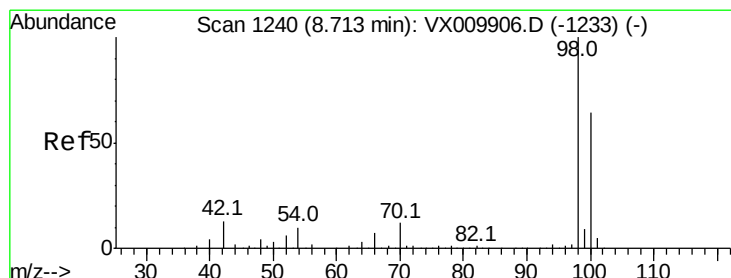
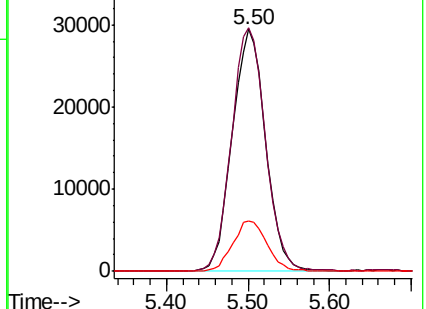
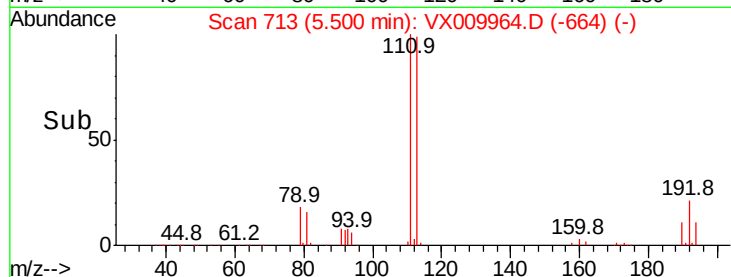
192 21.6 17.1 25.7



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



#50

Toluene-d8

Concen: 49.522 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009964.D

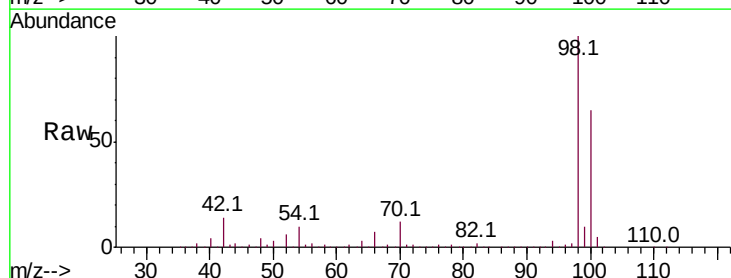
Acq: 30 May 2019 16:38

Tgt Ion: 98 Resp: 341657

Ion Ratio Lower Upper

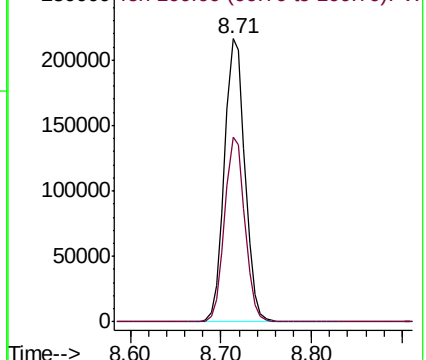
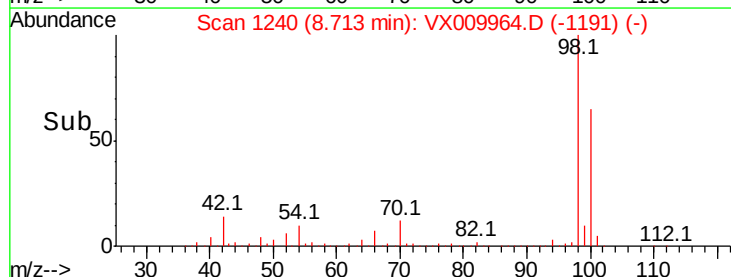
98 100

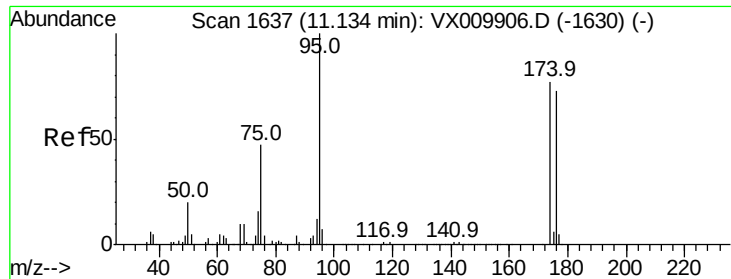
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

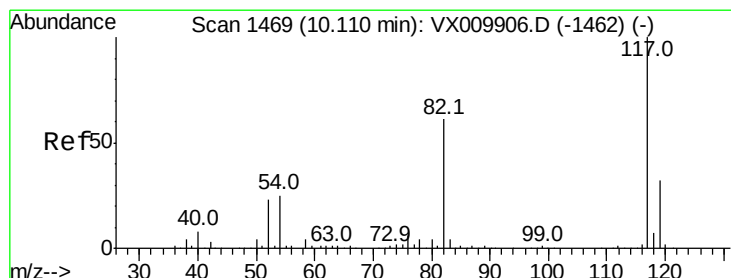
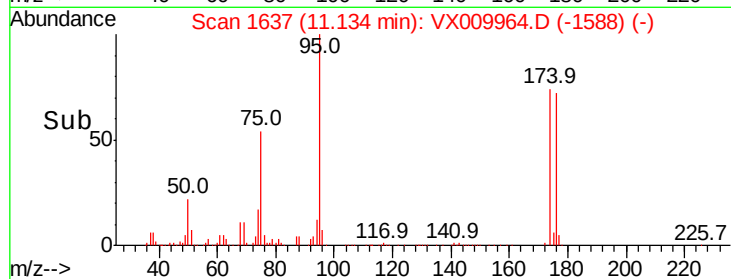
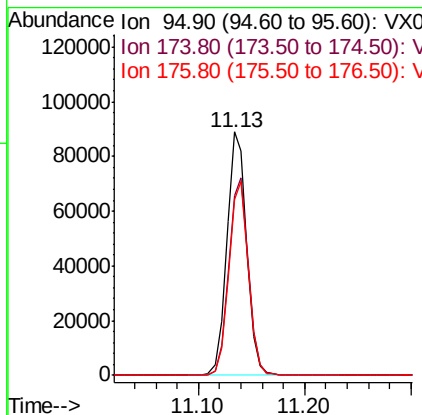
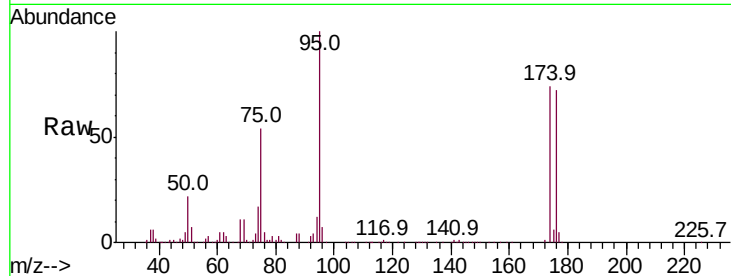




#62
4-Bromofluorobenzene
Concen: 46.618 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009964.D
Acq: 30 May 2019 16:38

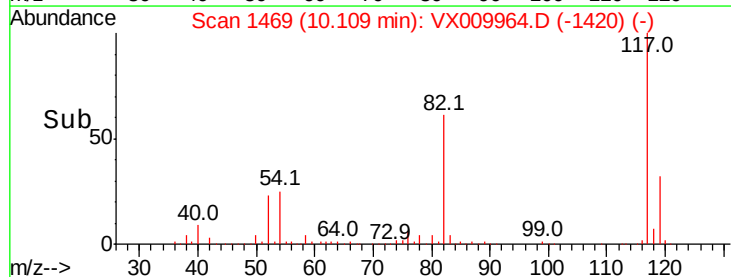
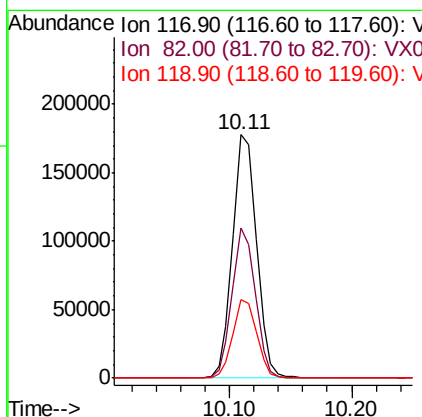
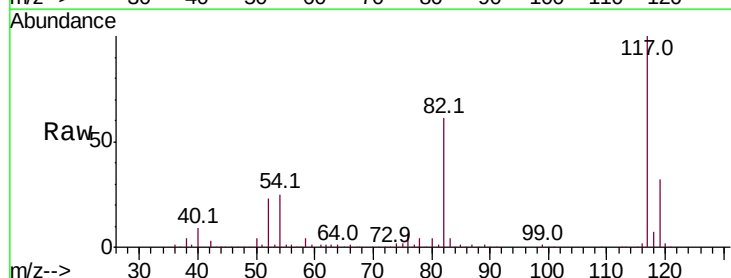
Instrument :
MSVOA_X
ClientSampleId :
8-9-TRACK

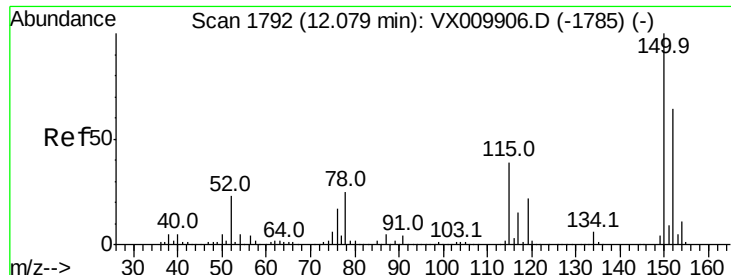
Tot Ion: 95 Resp: 115521
Ion Ratio Lower Upper
95 100
174 81.1 0.0 160.4
176 78.3 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009964.D
Acq: 30 May 2019 16:38

Tgt Ion: 117 Resp: 240876
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 32.1 25.2 37.8

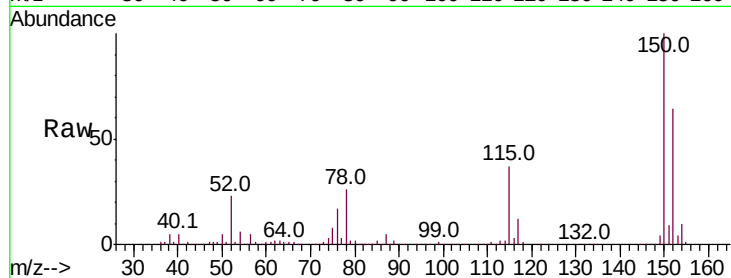




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009964.D
 Acq: 30 May 2019 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 8-9-TRACK

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.4	124.2
150	155.7	0.0	345.2



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

