

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008156.D
 Acq On : 16 Mar 2019 22:00
 Operator : JC/SP
 Sample : K1908-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 101-102

Quant Time: Mar 18 03:38:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172686	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	137717	42.92	ug/l	0.00
Spiked Amount			Recovery	=	85.84%	
35) Dibromofluoromethane	5.51	113	128782	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
50) Toluene-d8	8.71	98	498177	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.13	95	166196	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	

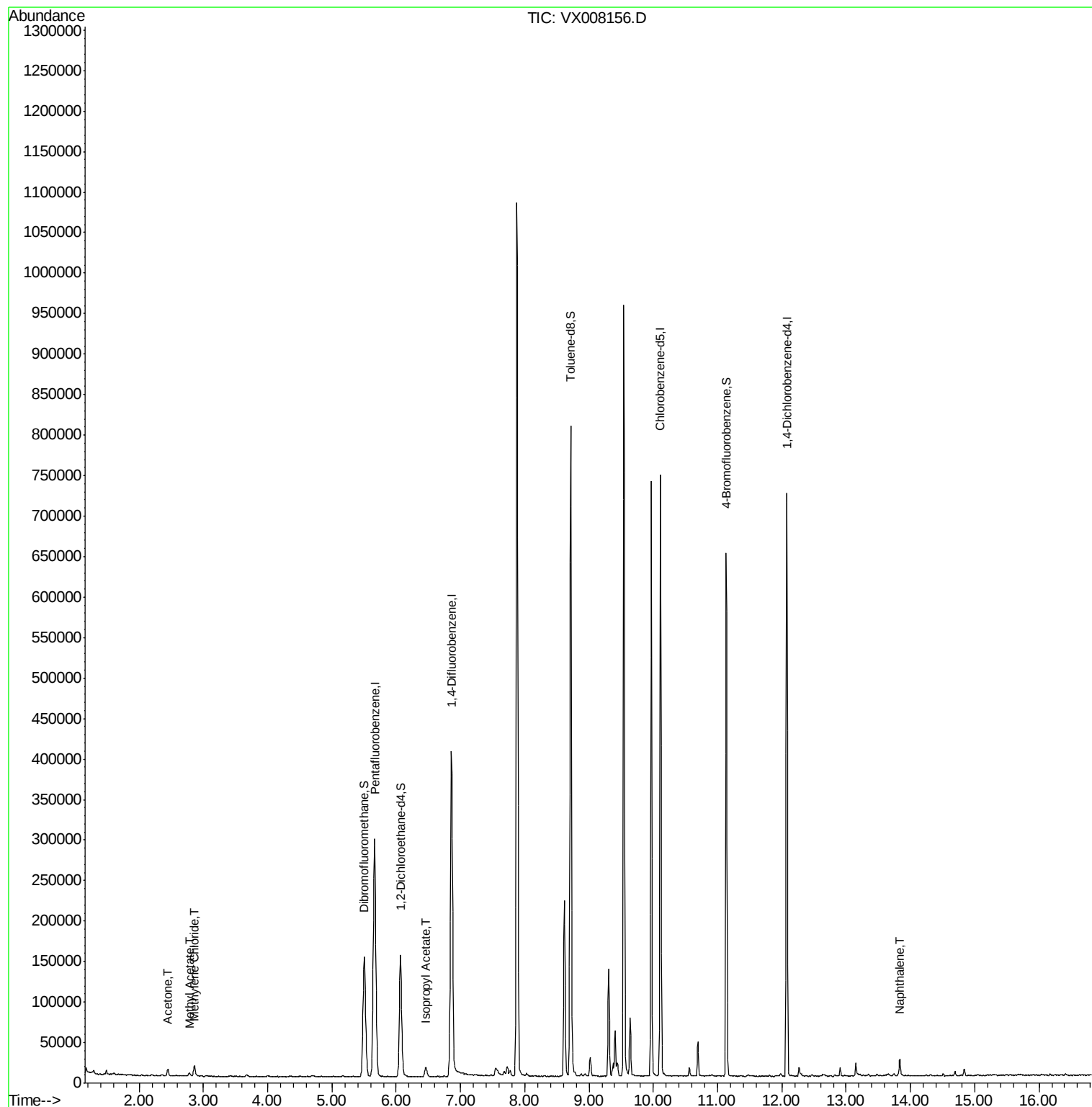
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	8675	5.727	ug/l	96
18) Methyl Acetate	2.78	43	5307	1.621	ug/l #	85
20) Methylene Chloride	2.86	84	5960	2.203	ug/l	94
43) Isopropyl Acetate	6.46	43	14457	2.363	ug/l	98
95) Naphthalene	13.83	128	13751	1.295	ug/l	99

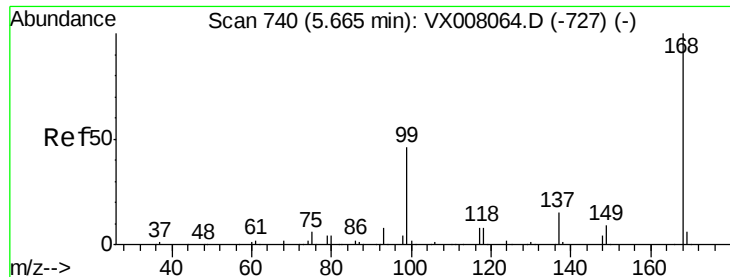
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
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: VX008156.D

Acq: 16 Mar 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

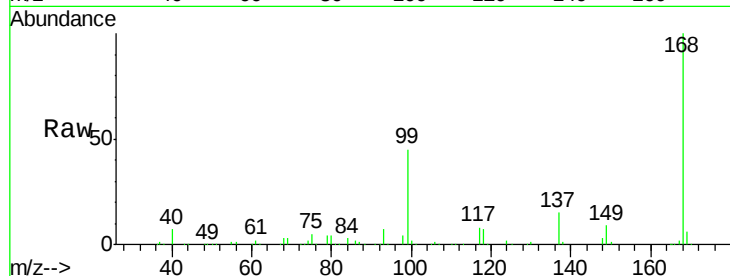
101-102

Tot Ion:168 Resp: 318091

Ion Ratio Lower Upper

168 100

99 45.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

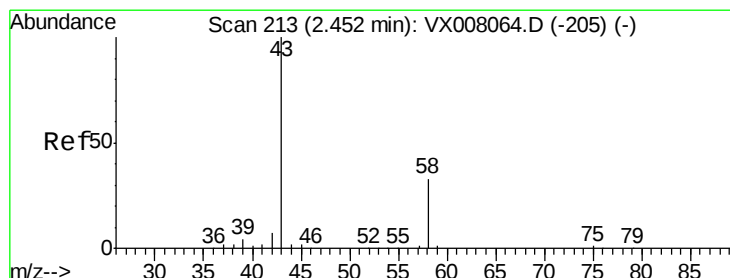
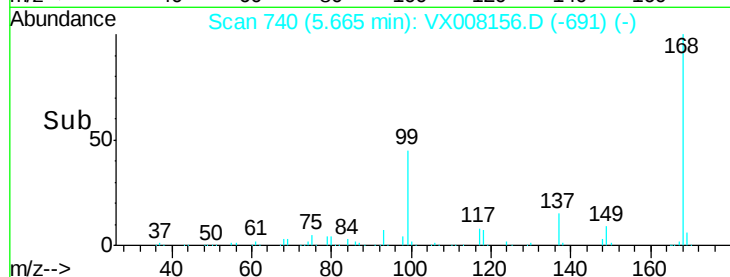
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.727 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008156.D

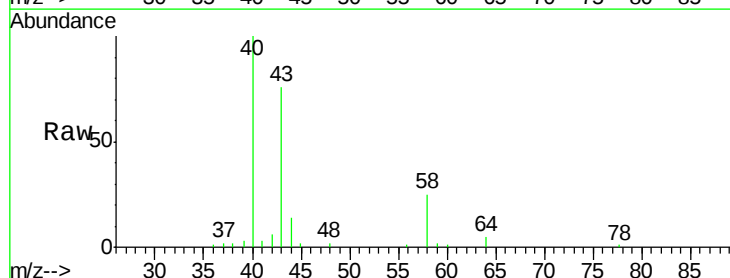
Acq: 16 Mar 2019 22:00

Tgt Ion: 43 Resp: 8675

Ion Ratio Lower Upper

43 100

58 34.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

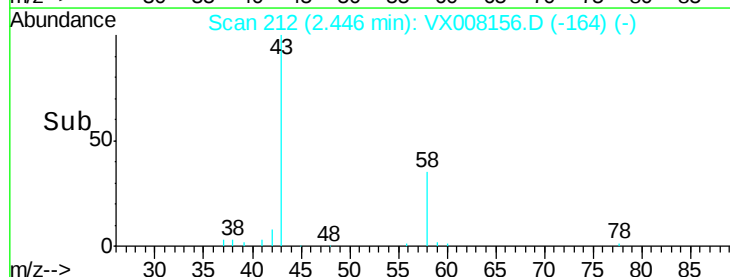
3000

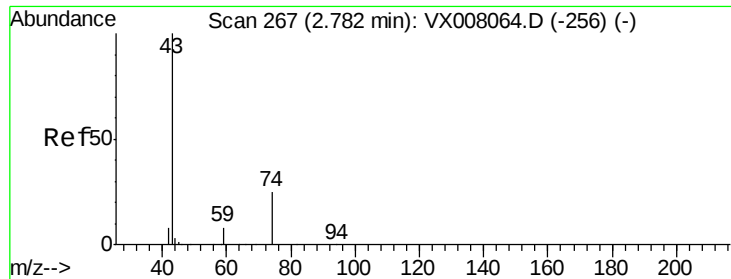
2000

1000

0

Time--> 2.40 2.45 2.50

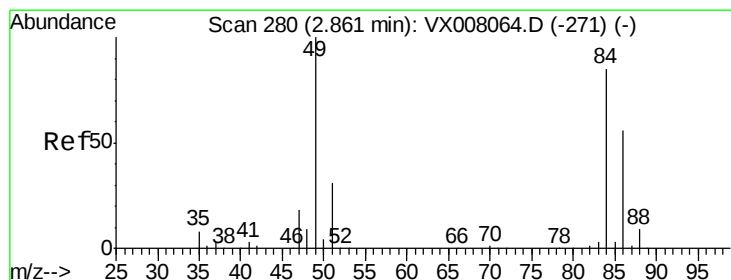
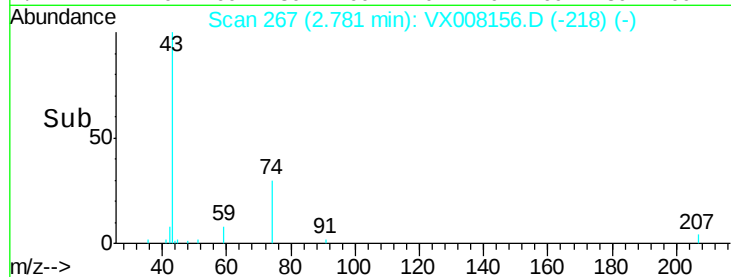
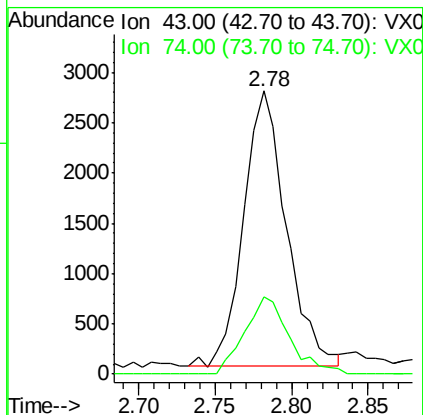
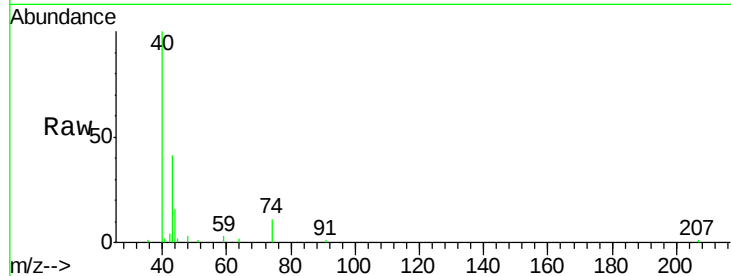




#18
Methyl Acetate
Concen: 1.621 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

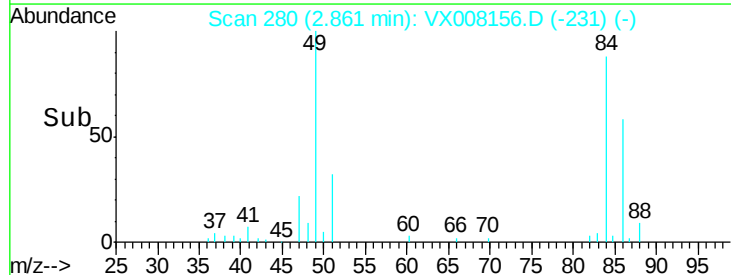
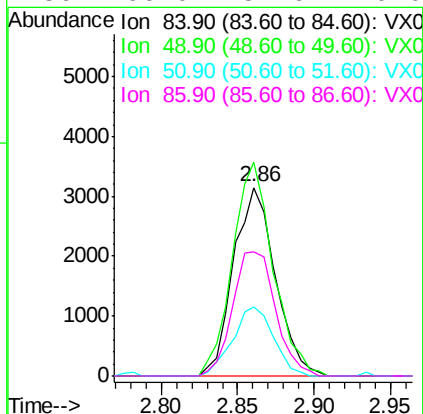
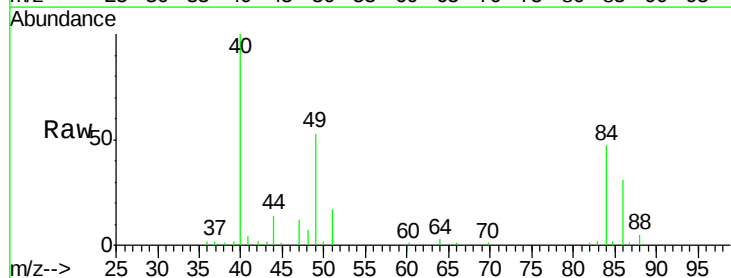
Instrument :
MSVOA_X
ClientSampleId :
101-102

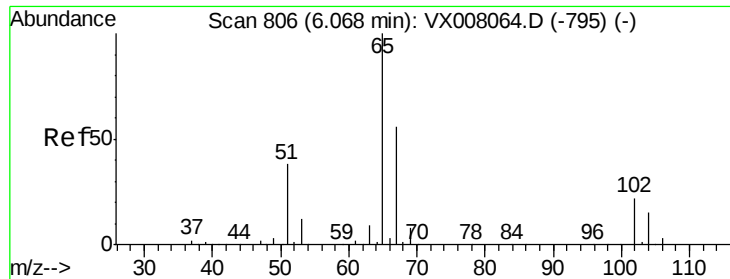
Tot Ion: 43 Resp: 5307
Ion Ratio Lower Upper
43 100
74 29.3 17.8 26.6#



#20
Methylene Chloride
Concen: 2.203 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 84 Resp: 5960
Ion Ratio Lower Upper
84 100
49 113.4 99.3 148.9
51 36.8 31.3 46.9
86 66.0 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 42.920 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008156.D

Acq: 16 Mar 2019 22:00

Instrument :

MSVOA_X

ClientSampled :

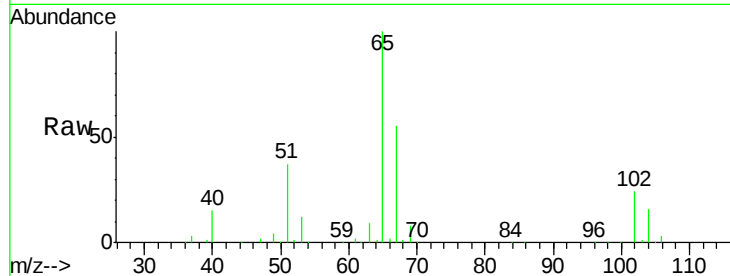
101-102

Tot Ion: 65 Resp: 137717

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

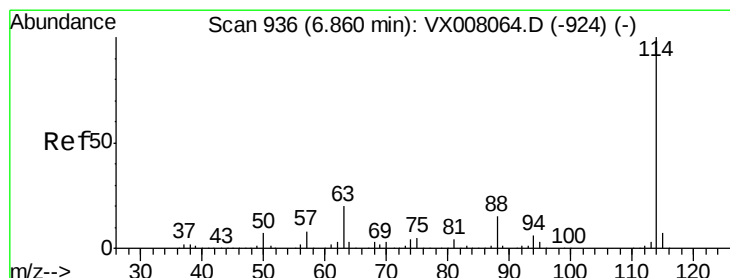
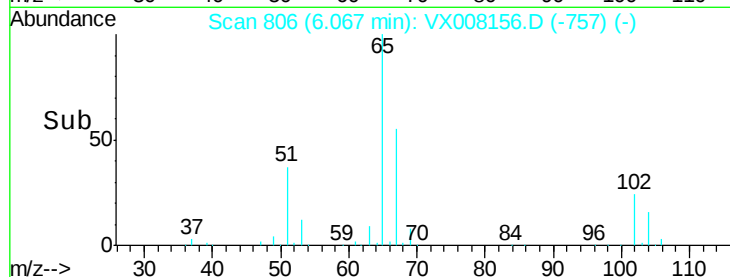
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008156.D

Acq: 16 Mar 2019 22:00

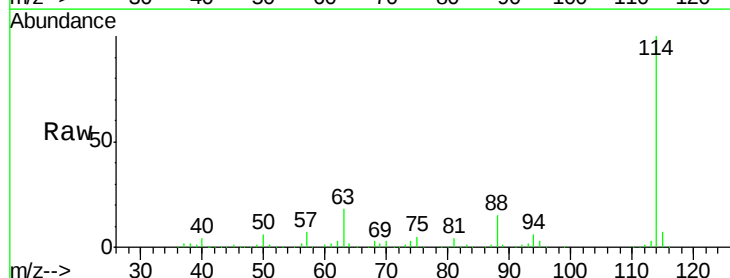
Tgt Ion: 114 Resp: 429583

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.8

88 15.3 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

6.86

250000

200000

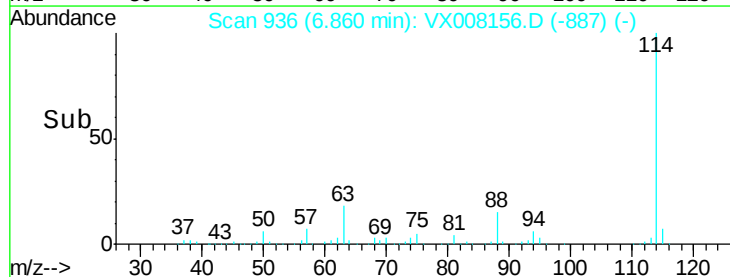
150000

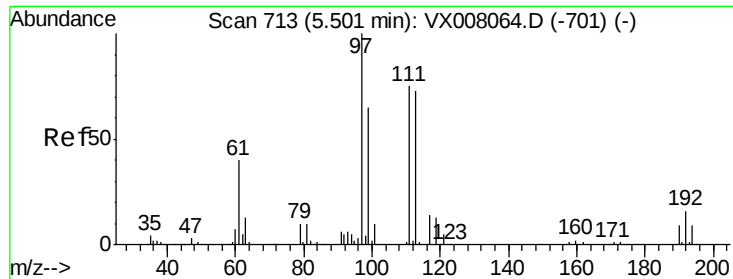
100000

50000

0

Time-->

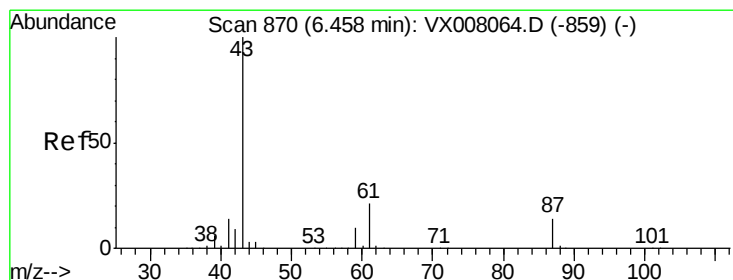
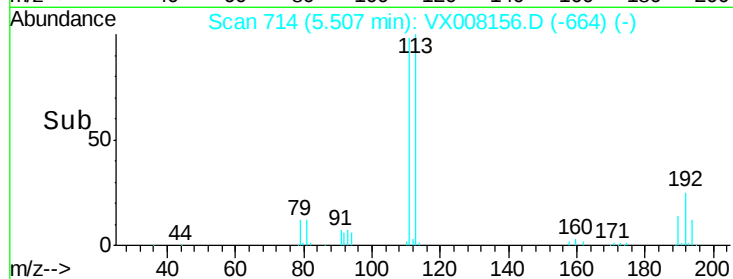
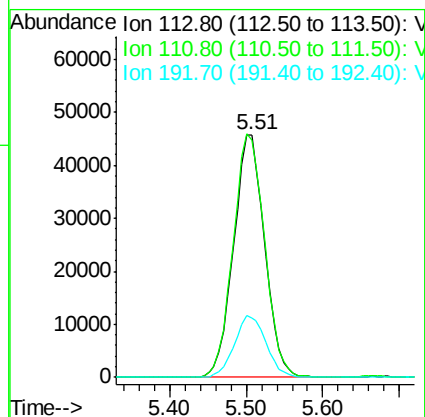
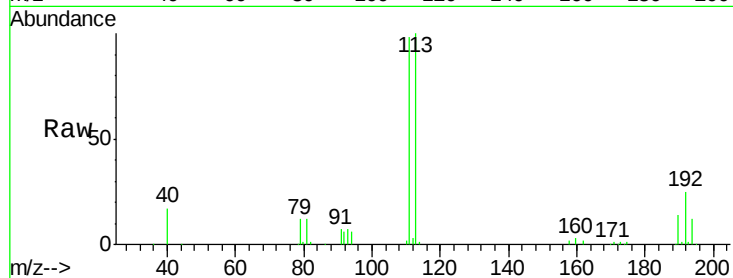




#35
 Dibromofluoromethane
 Concen: 47.274 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008156.D
 Acq: 16 Mar 2019 22:00

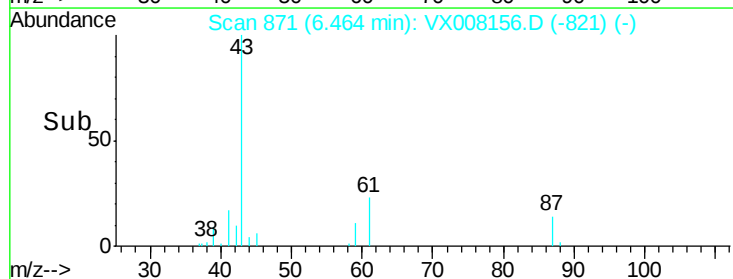
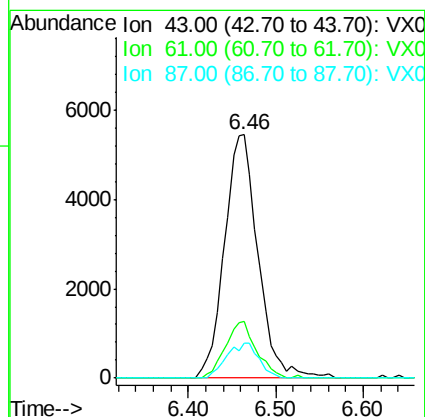
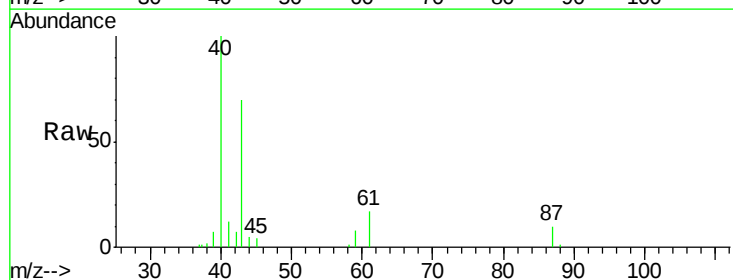
Instrument :
 MSVOA_X
 ClientSampled :
 101-102

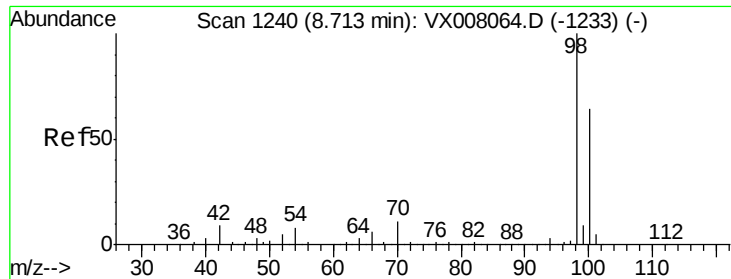
Tot Ion:113 Resp: 128782
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 25.8 19.4 29.0



#43
 Isopropyl Acetate
 Concen: 2.363 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX008156.D
 Acq: 16 Mar 2019 22:00

Tgt Ion: 43 Resp: 14457
 Ion Ratio Lower Upper
 43 100
 61 21.5 16.3 24.5
 87 13.8 10.5 15.7

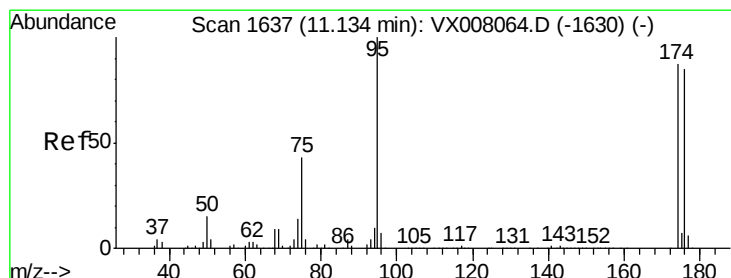
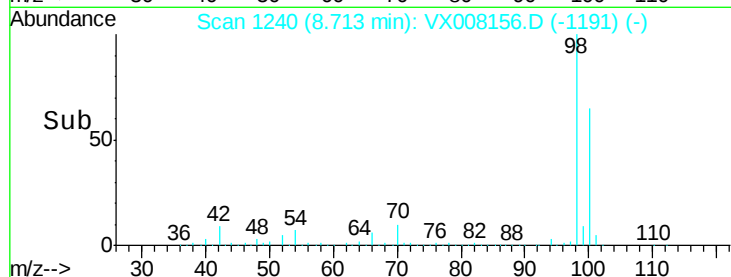
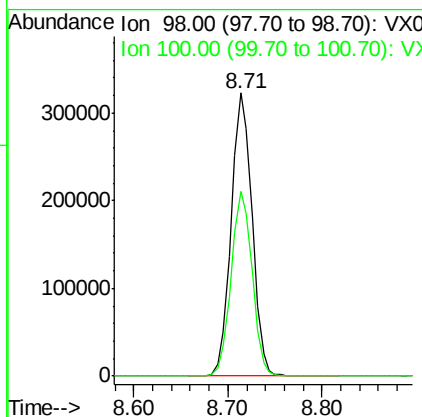
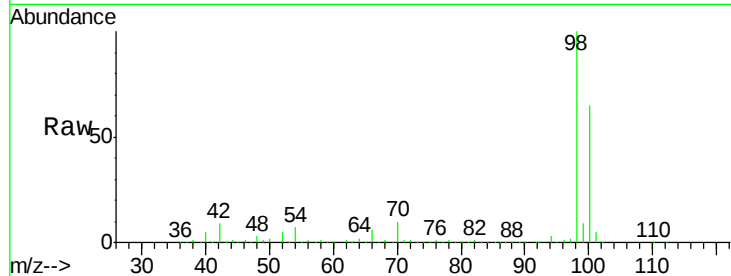




#50
Toluene-d8
Concen: 48.083 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

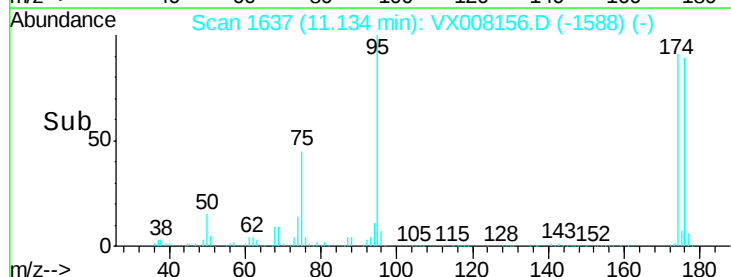
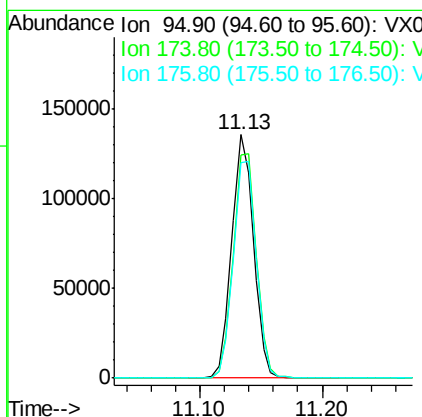
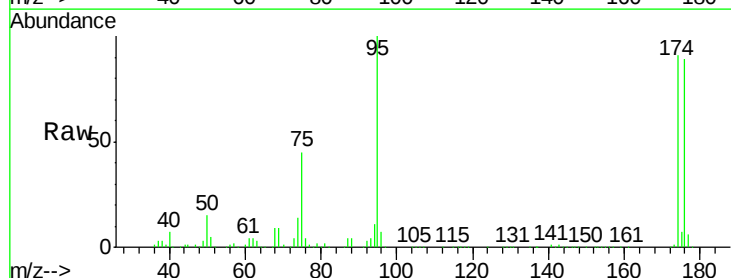
Instrument :
MSVOA_X
ClientSampleId :
101-102

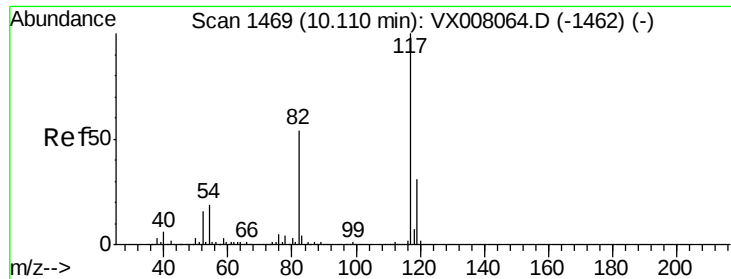
Tot Ion: 98 Resp: 498177
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.777 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Tgt Ion: 95 Resp: 166196
Ion Ratio Lower Upper
95 100
174 97.5 0.0 182.8
176 94.0 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: VX008156.D

Acq: 16 Mar 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

101-102

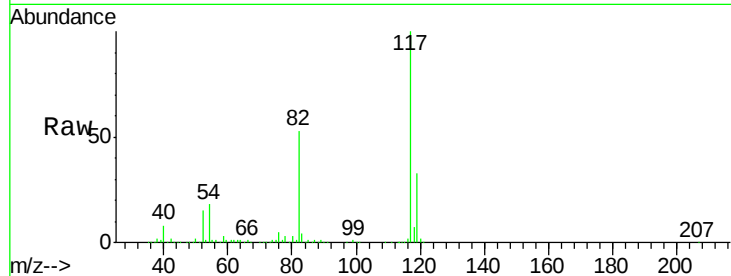
Tot Ion:117 Resp: 372788

Ion Ratio Lower Upper

117 100

82 53.1 44.3 66.5

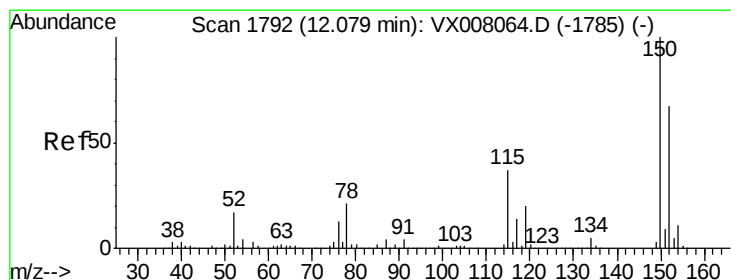
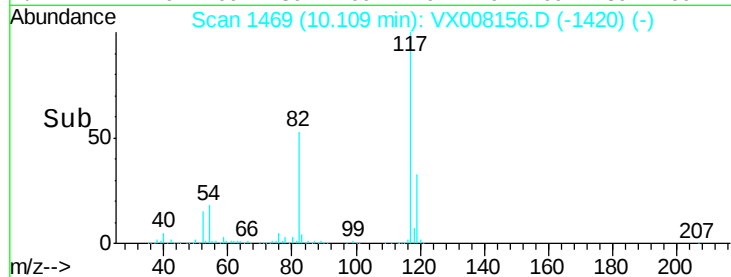
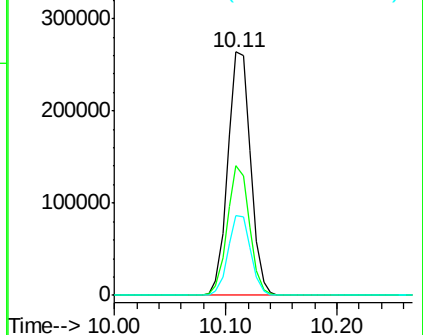
119 33.0 25.3 37.9



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008156.D

Acq: 16 Mar 2019 22:00

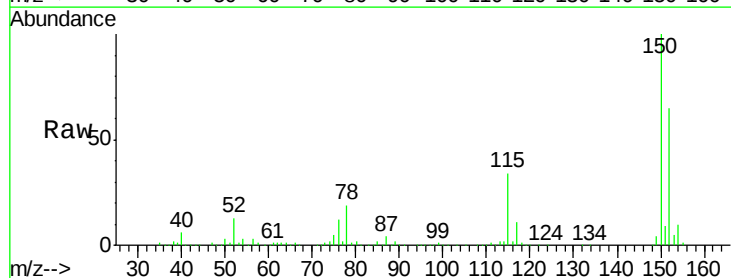
Tgt Ion:152 Resp: 172686

Ion Ratio Lower Upper

152 100

115 53.9 38.6 115.7

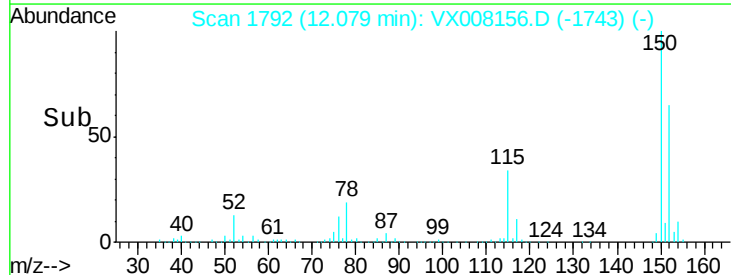
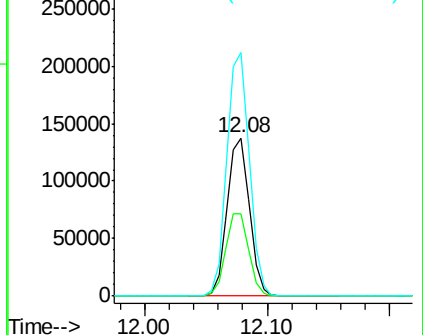
150 155.6 0.0 348.4

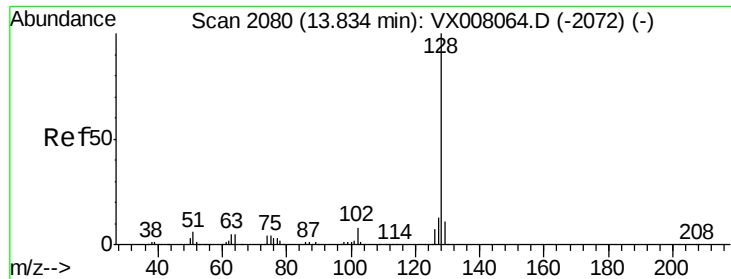


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

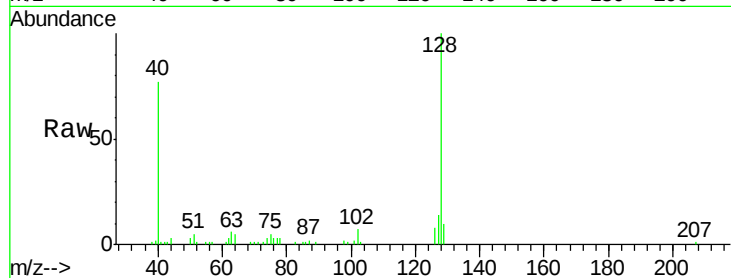




#95
Naphthalene
Concen: 1.295 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008156.D
Acq: 16 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
101-102

Tot Ion:128 Resp: 13751
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

