

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007907.D
 Acq On : 08 Mar 2019 02:30
 Operator : JC/SP
 Sample : K1757-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6CD-S

Quant Time: Mar 08 08:16:06 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	288984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	452872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	433457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204255	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	161117	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	5.50	113	148567	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
50) Toluene-d8	8.71	98	556407	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.13	95	201941	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	

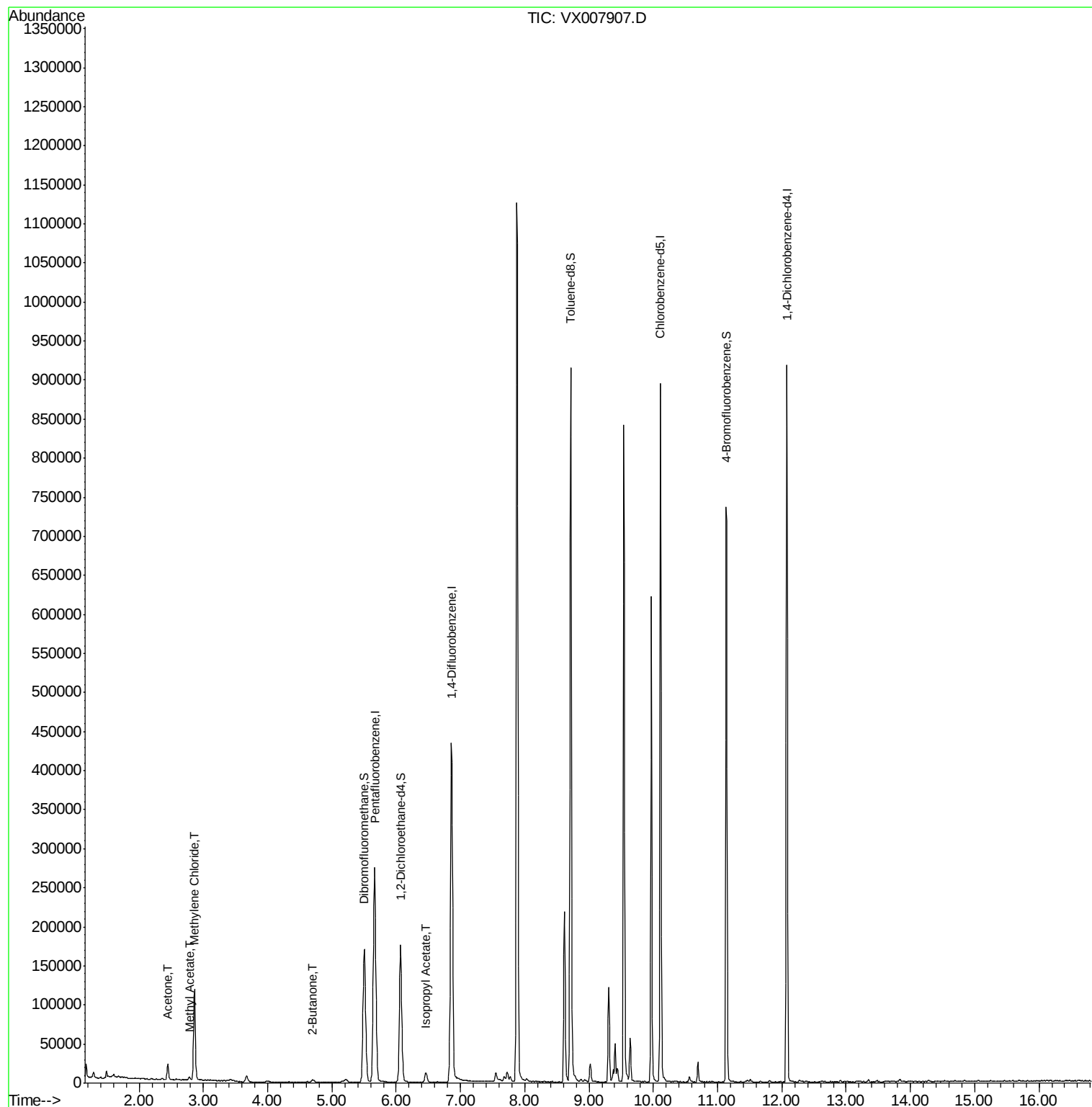
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21860	12.389	ug/l	97
18) Methyl Acetate	2.78	43	4515	1.204	ug/l	99
20) Methylene Chloride	2.86	84	53166	18.932	ug/l	97
25) 2-Butanone	4.70	43	5709	2.285	ug/l	93
43) Isopropyl Acetate	6.46	43	16097	2.235	ug/l	99

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

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Quant Title : SW846 8260
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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: VX007907.D

Acq: 08 Mar 2019 02:30

Instrument :

MSVOA_X

ClientSampleId :

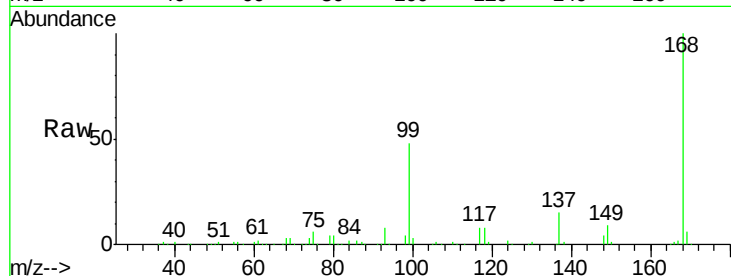
TP-6CD-S

Tot Ion:168 Resp: 288984

Ion Ratio Lower Upper

168 100

99 47.6 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

120000

100000

80000

60000

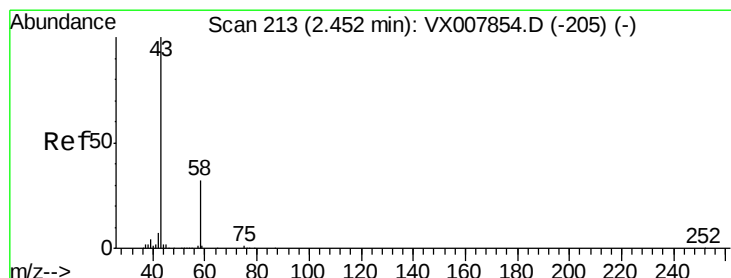
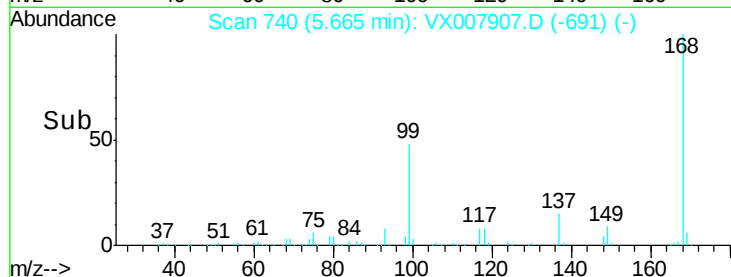
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 12.389 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007907.D

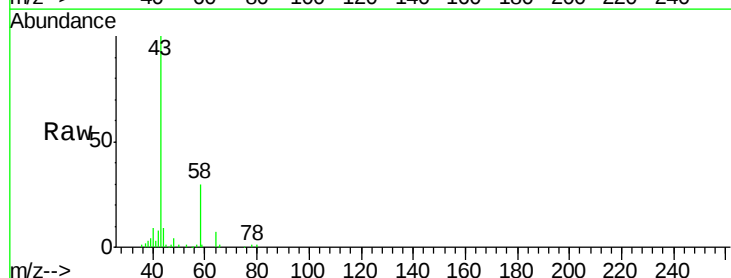
Acq: 08 Mar 2019 02:30

Tgt Ion: 43 Resp: 21860

Ion Ratio Lower Upper

43 100

58 30.2 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

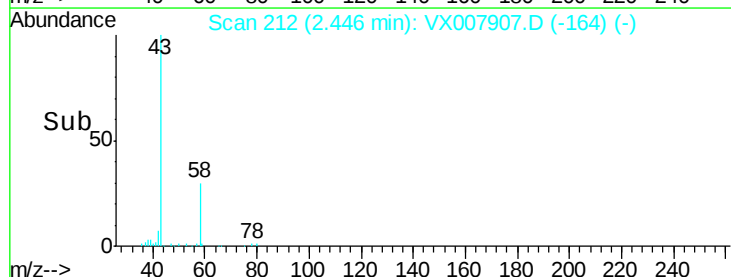
10000

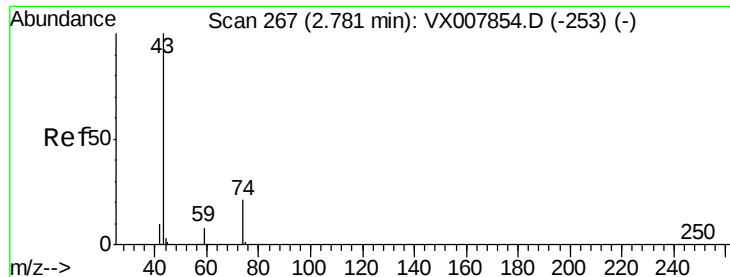
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0

Time-->

2.35 2.40 2.45 2.50 2.55

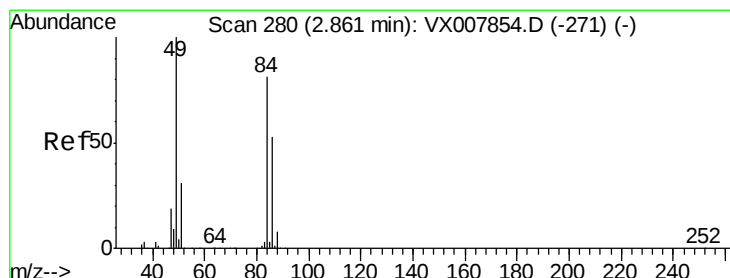
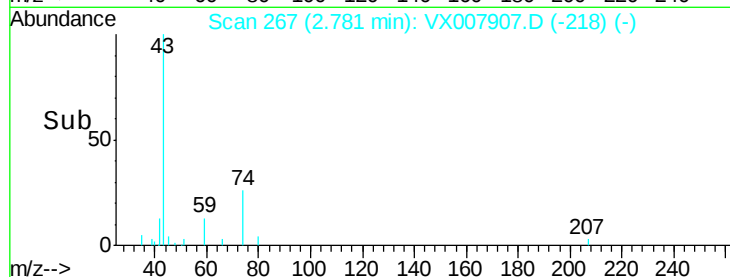
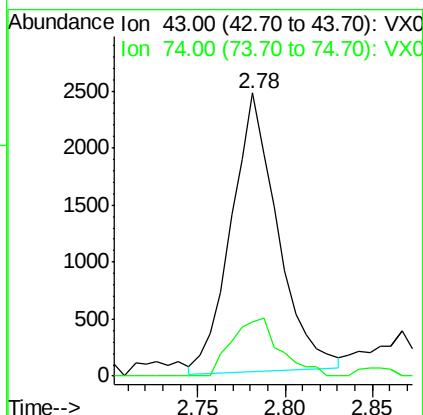
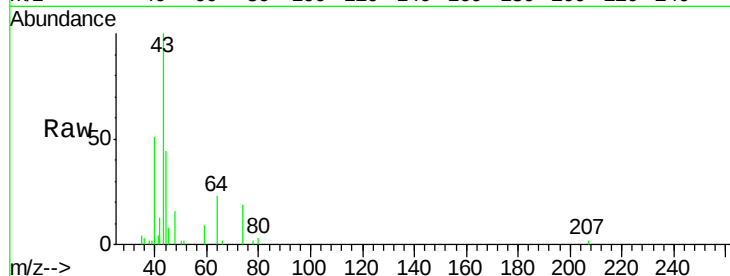




#18
Methyl Acetate
Concen: 1.204 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007907.D
Acq: 08 Mar 2019 02:30

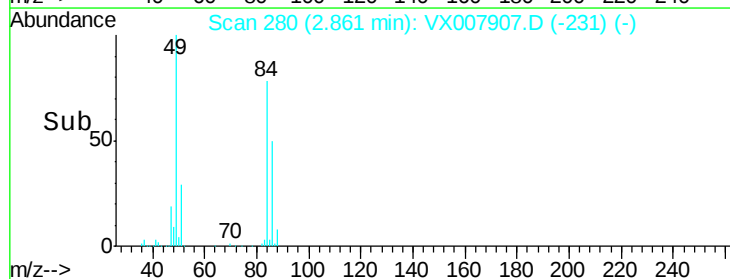
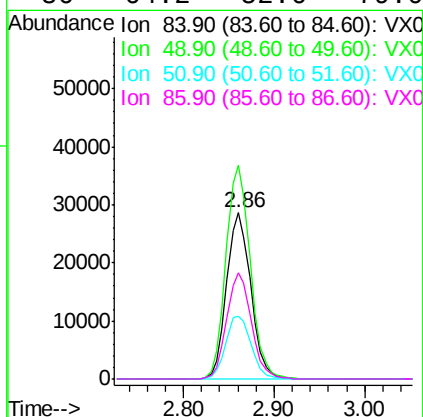
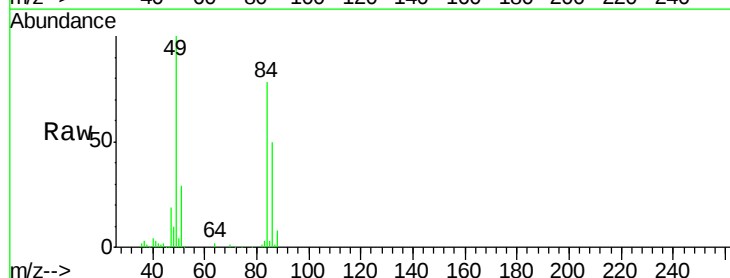
Instrument :
MSVOA_X
ClientSampled :
TP-6CD-S

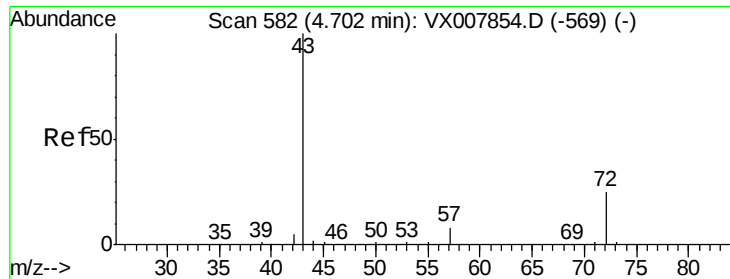
Tot Ion: 43 Resp: 4515
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.6



#20
Methylene Chloride
Concen: 18.932 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007907.D
Acq: 08 Mar 2019 02:30

Tgt Ion: 84 Resp: 53166
Ion Ratio Lower Upper
84 100
49 128.7 99.3 148.9
51 37.9 31.3 46.9
86 64.2 52.6 79.0





#25

2-Butanone

Concen: 2.285 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007907.D

Acq: 08 Mar 2019 02:30

Instrument :

MSVOA_X

ClientSampleId :

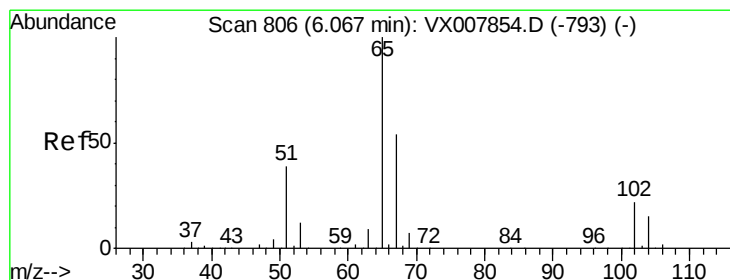
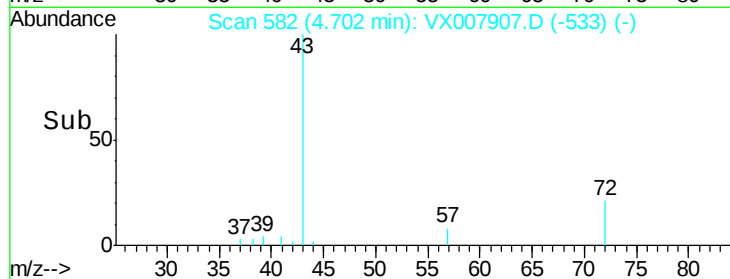
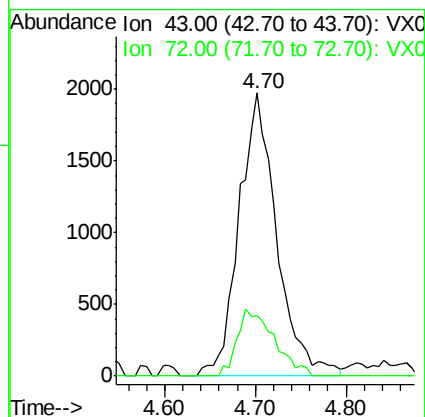
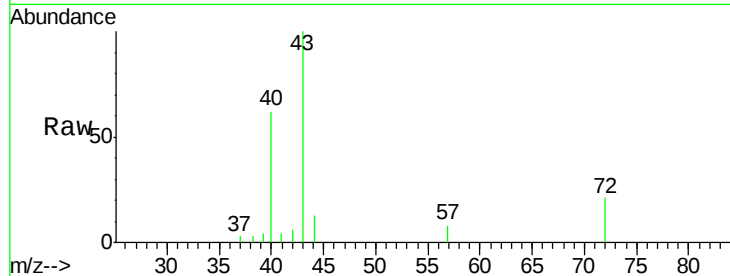
TP-6CD-S

Tot Ion: 43 Resp: 5709

Ion Ratio Lower Upper

43 100

72 21.3 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 52.851 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007907.D

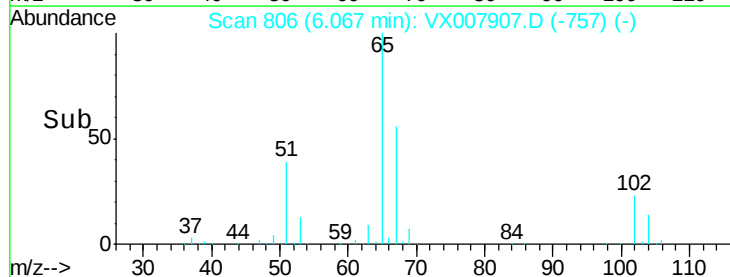
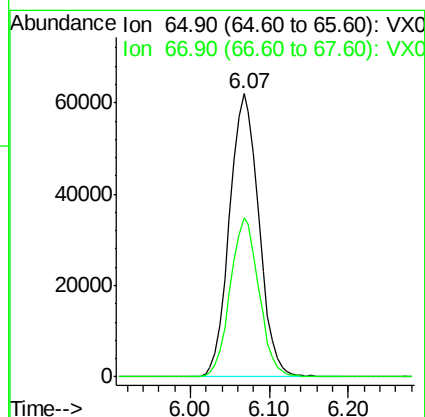
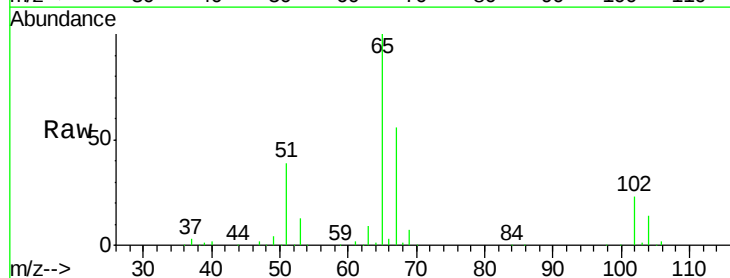
Acq: 08 Mar 2019 02:30

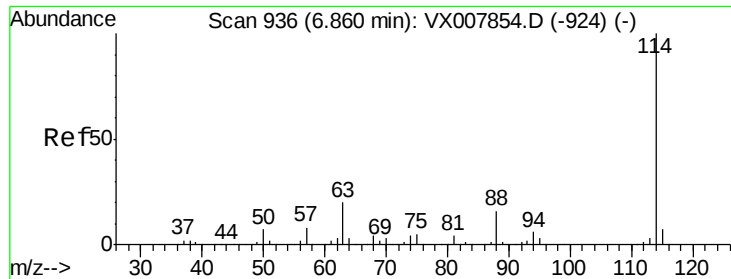
Tgt Ion: 65 Resp: 161117

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.0

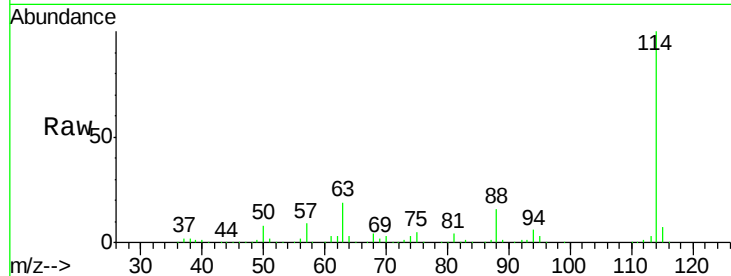




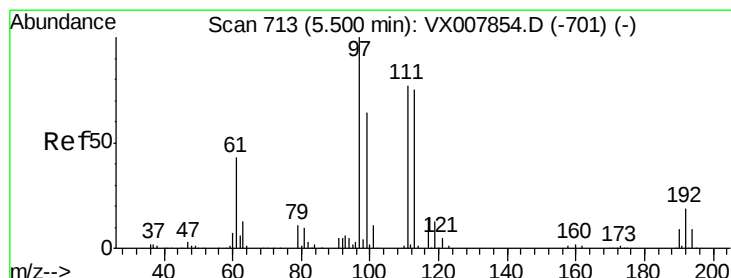
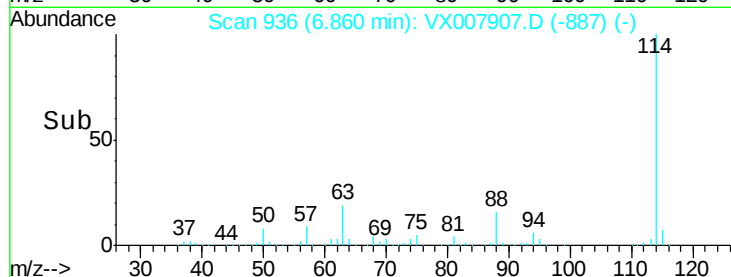
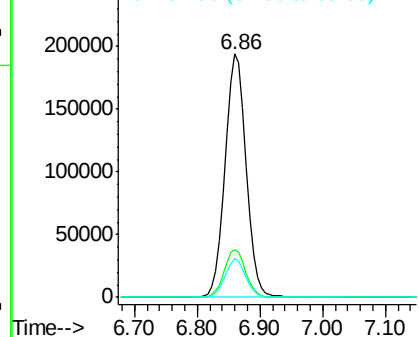
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007907.D
Acq: 08 Mar 2019 02:30

Instrument :
MSVOA_X
ClientSampleId :
TP-6CD-S

Tot Ion:114 Resp: 452872
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.8
88 16.1 0.0 31.4

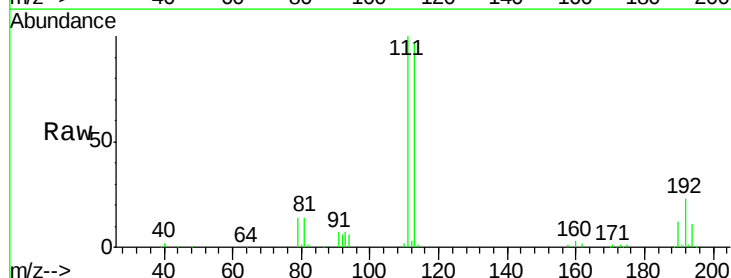


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

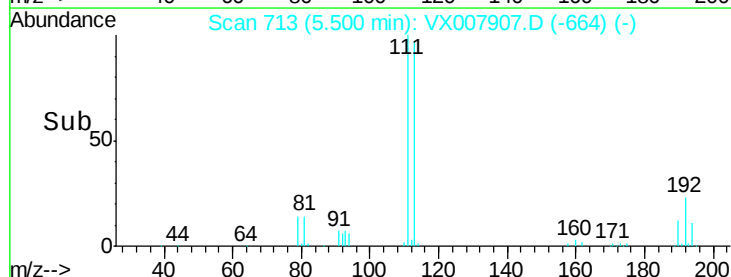
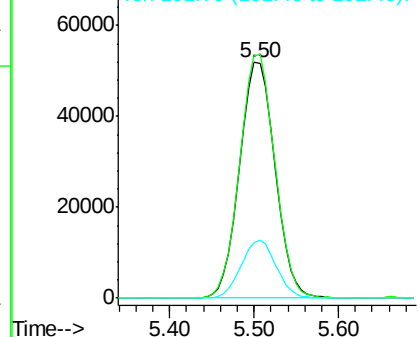


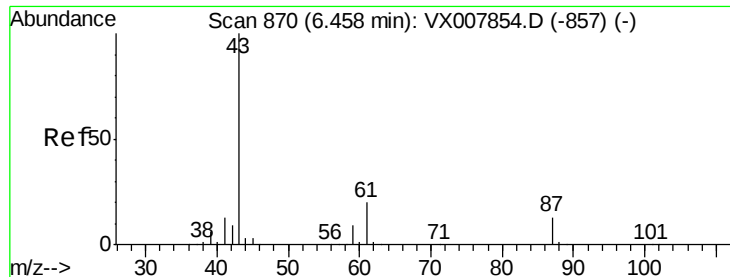
#35
Dibromofluoromethane
Concen: 51.285 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007907.D
Acq: 08 Mar 2019 02:30

Tgt Ion:113 Resp: 148567
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 24.2 19.4 29.0



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





#43

Isopropyl Acetate

Concen: 2.235 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007907.D

Acq: 08 Mar 2019 02:30

Instrument :

MSVOA_X

ClientSampleId :

TP-6CD-S

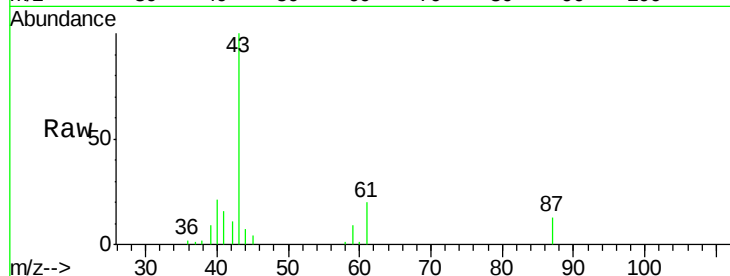
Tot Ion: 43 Resp: 16097

Ion Ratio Lower Upper

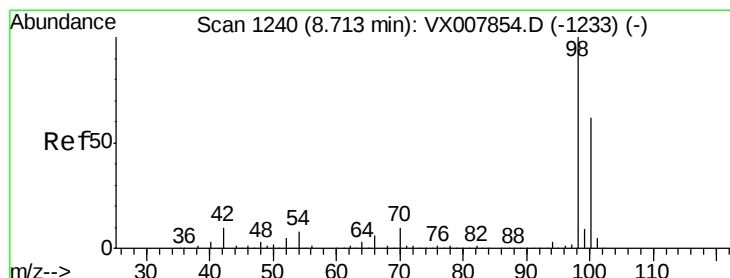
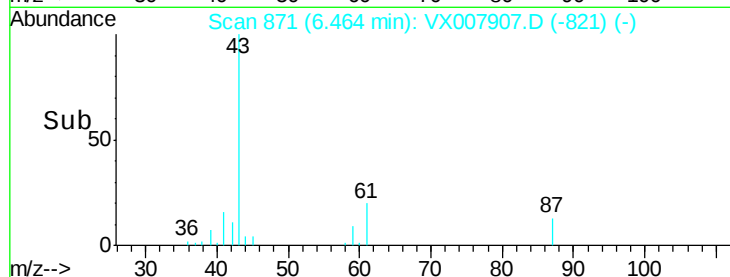
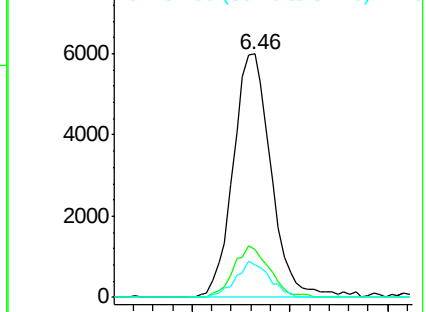
43 100

61 19.9 16.3 24.5

87 13.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.299 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007907.D

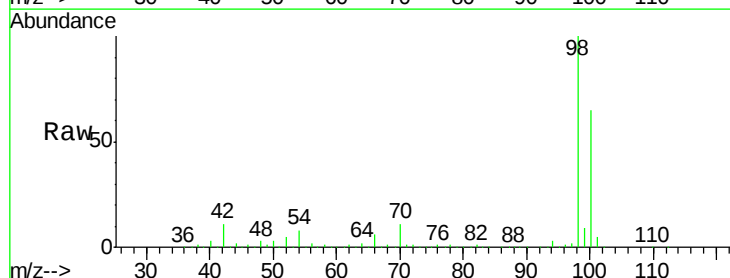
Acq: 08 Mar 2019 02:30

Tgt Ion: 98 Resp: 556407

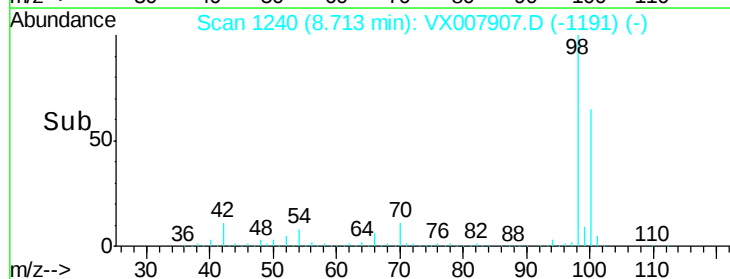
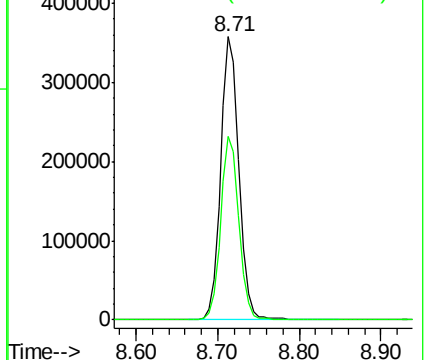
Ion Ratio Lower Upper

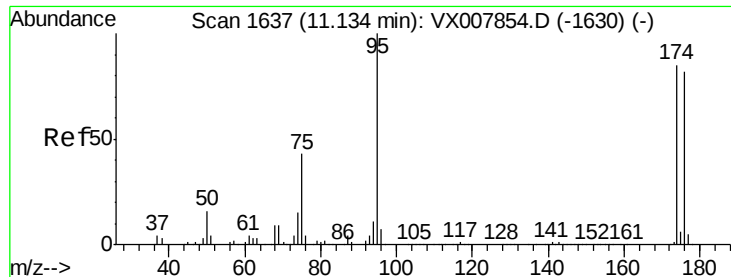
98 100

100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.139 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007907.D

Acq: 08 Mar 2019 02:30

Instrument :

MSVOA_X

ClientSampleId :

TP-6CD-S

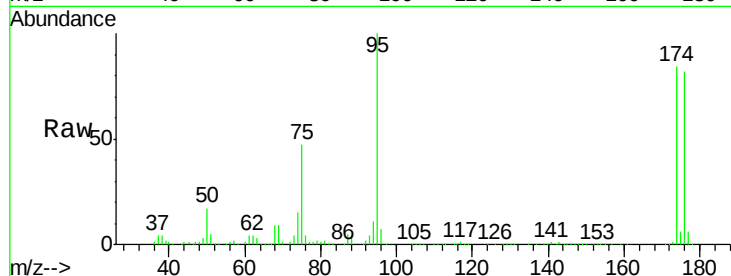
Tot Ion: 95 Resp: 201941

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

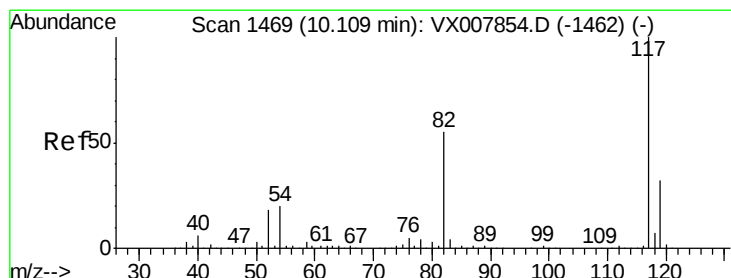
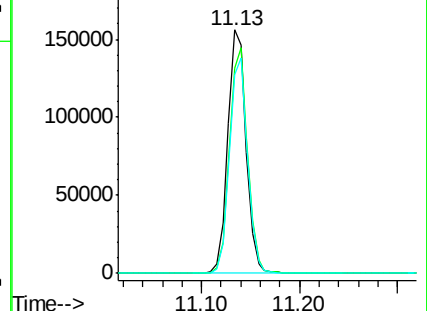
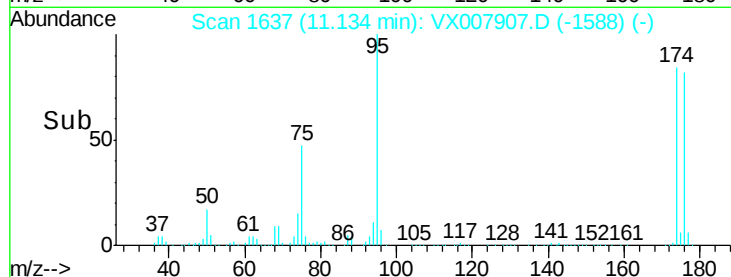
176 88.1 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007907.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007907.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007907.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007907.D

Acq: 08 Mar 2019 02:30

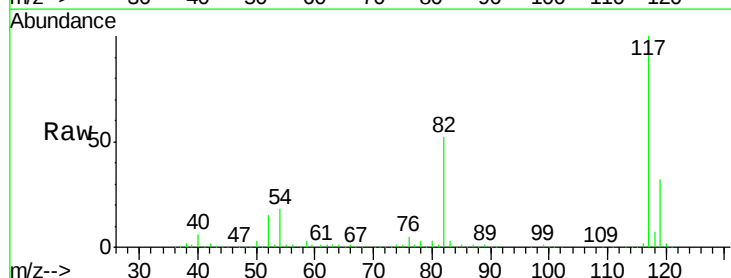
Tgt Ion: 117 Resp: 433457

Ion Ratio Lower Upper

117 100

82 52.1 44.3 66.5

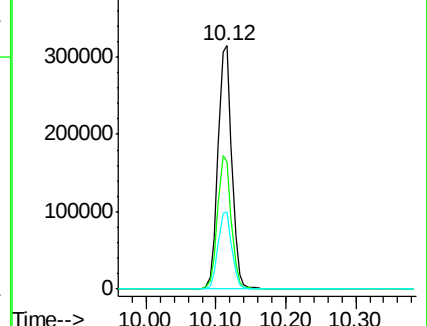
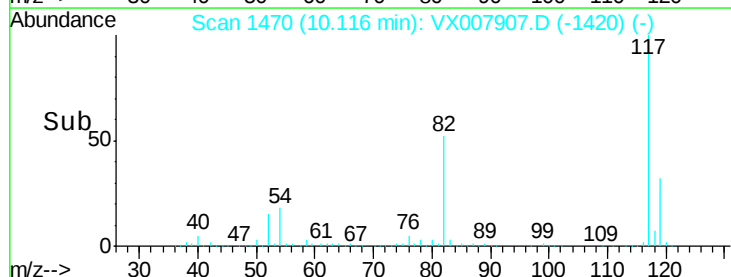
119 31.9 25.3 37.9

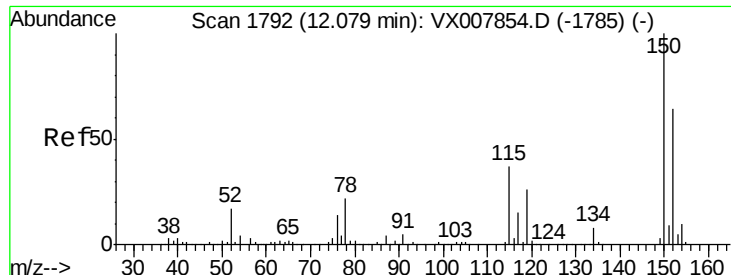


Abundance Ion 116.90 (116.60 to 117.60): VX007907.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007907.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007907.D (-1420) (-)

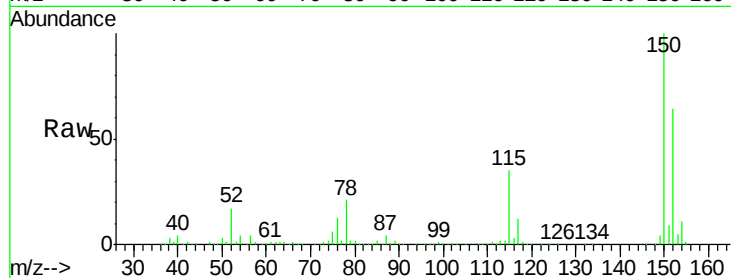




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX007907.D
 Acq: 08 Mar 2019 02:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6CD-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.6	115.7
150	157.1	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

