

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006506.D
 Acq On : 13 Dec 2018 20:10
 Operator : JC/MD
 Sample : J6373-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-A-FRAME

Quant Time: Dec 14 01:15:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	635550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1032966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	466860	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	350944	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
35) Dibromofluoromethane	5.50	113	305064	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	
50) Toluene-d8	8.71	98	1223390	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	458316	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	

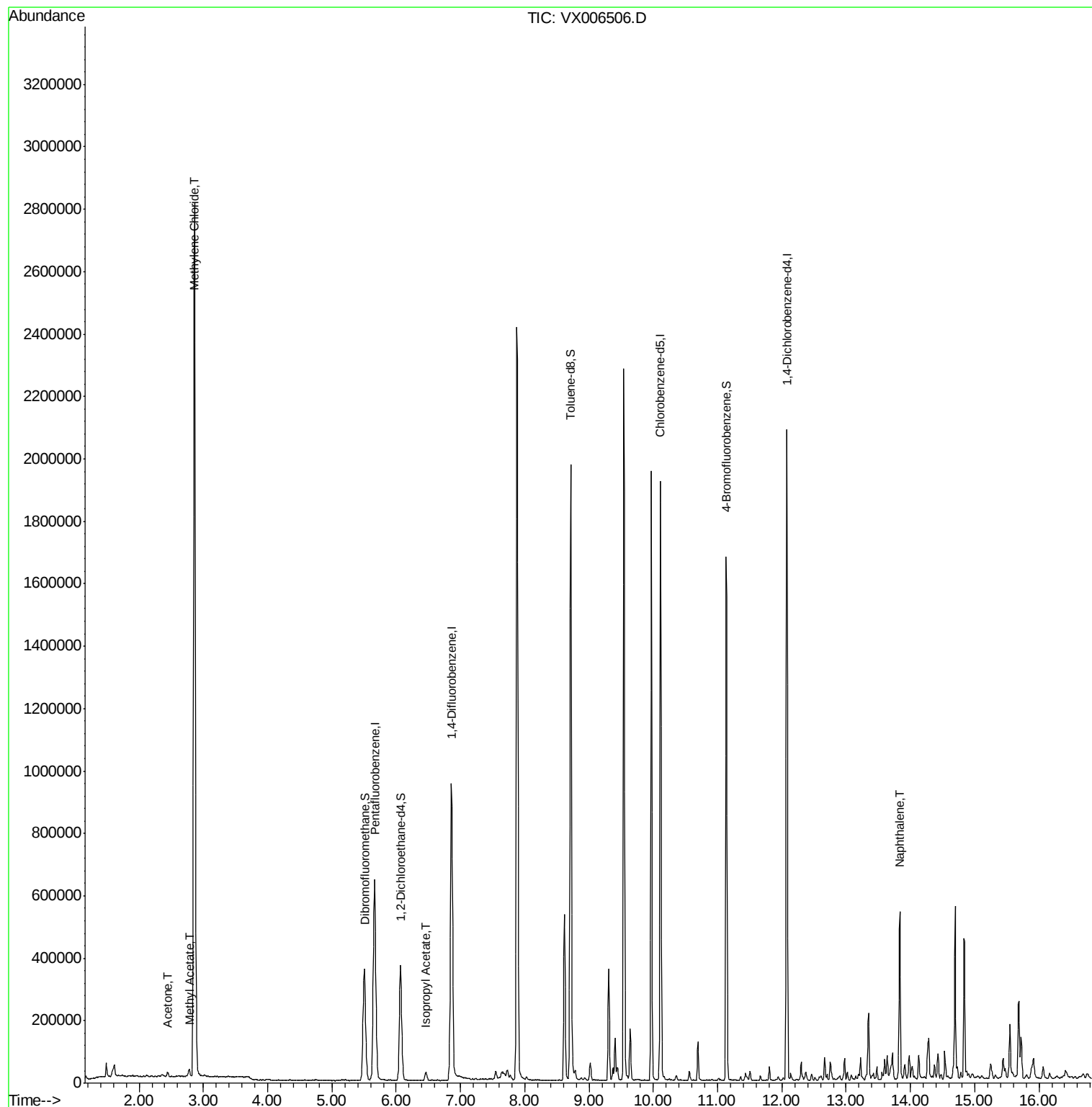
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	16413	5.391	ug/l	96
18) Methyl Acetate	2.78	43	30037	2.950	ug/l #	87
20) Methylene Chloride	2.86	84	1324827	204.450	ug/l	93
43) Isopropyl Acetate	6.46	43	35163	2.165	ug/l	99
95) Naphthalene	13.83	128	342208	9.543	ug/l	99

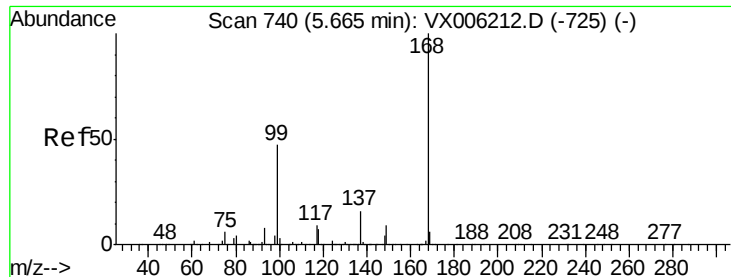
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006506.D

Acq: 13 Dec 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

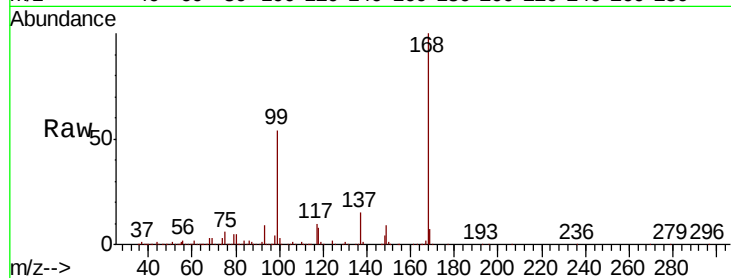
TP-A-FRAME

Tot Ion:168 Resp: 635550

Ion Ratio Lower Upper

168 100

99 53.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

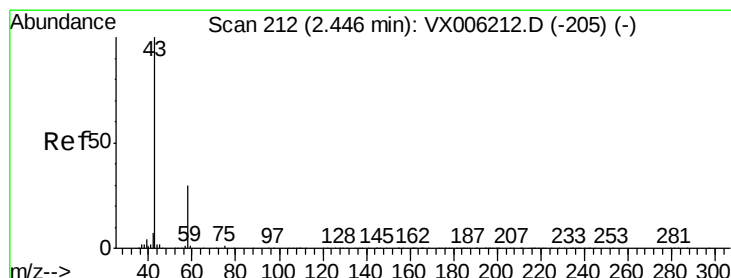
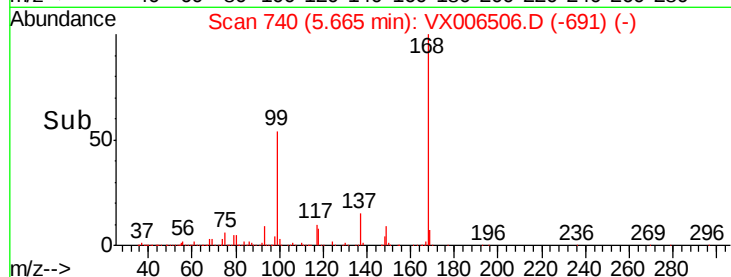
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.391 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006506.D

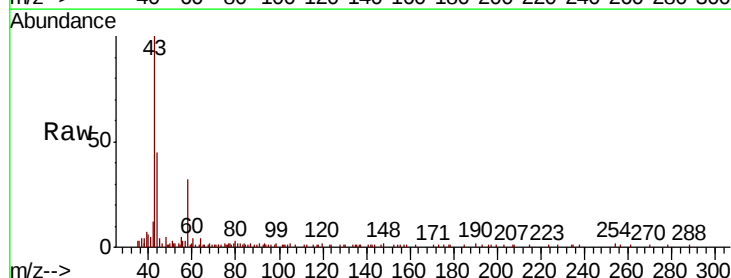
Acq: 13 Dec 2018 20:10

Tgt Ion: 43 Resp: 16413

Ion Ratio Lower Upper

43 100

58 32.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

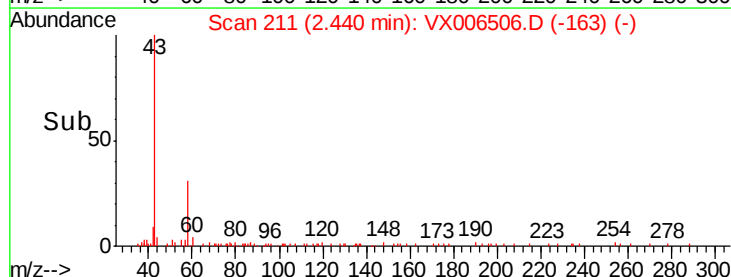
6000

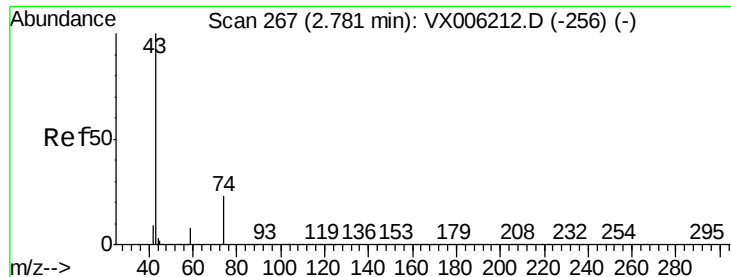
4000

2000

0

Time--> 2.40 2.45 2.50

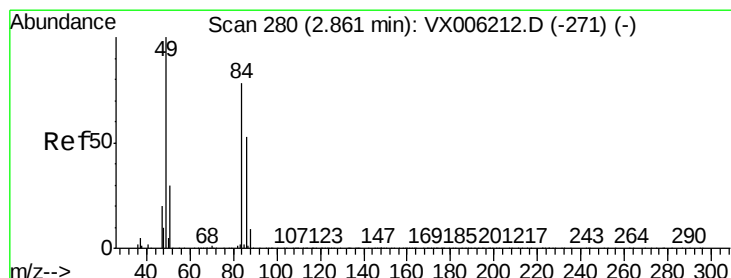
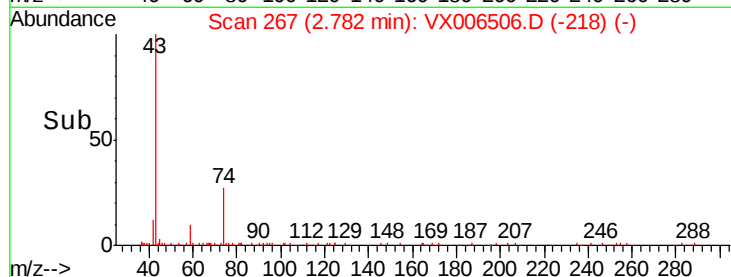
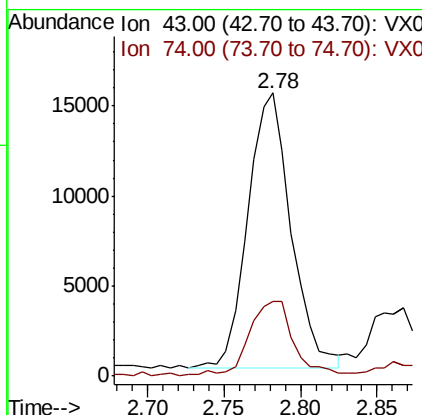
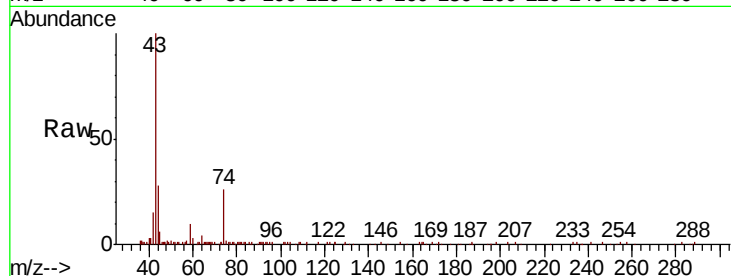




#18
Methyl Acetate
Concen: 2.950 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006506.D
Acq: 13 Dec 2018 20:10

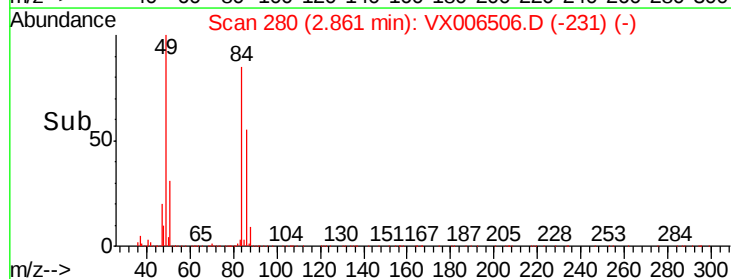
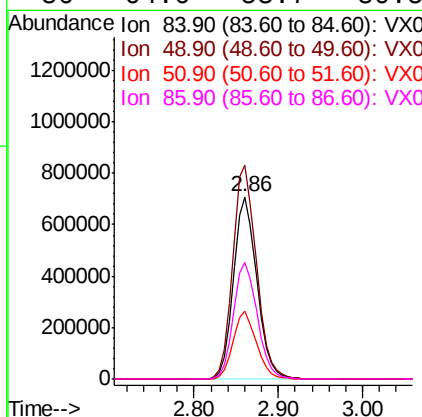
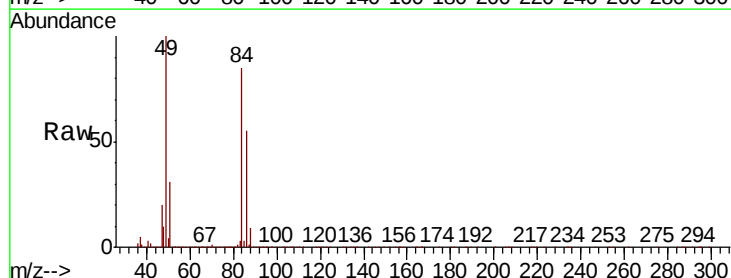
Instrument :
MSVOA_X
ClientSampleId :
TP-A-FRAME

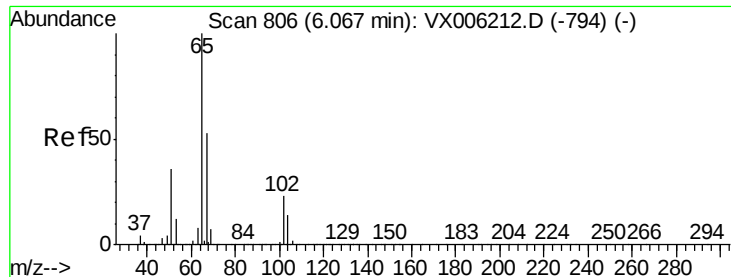
Tot Ion: 43 Resp: 30037
Ion Ratio Lower Upper
43 100
74 28.6 17.9 26.9#



#20
Methylene Chloride
Concen: 204.450 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006506.D
Acq: 13 Dec 2018 20:10

Tgt Ion: 84 Resp: 1324827
Ion Ratio Lower Upper
84 100
49 117.3 102.2 153.4
51 36.9 31.1 46.7
86 64.0 53.7 80.5

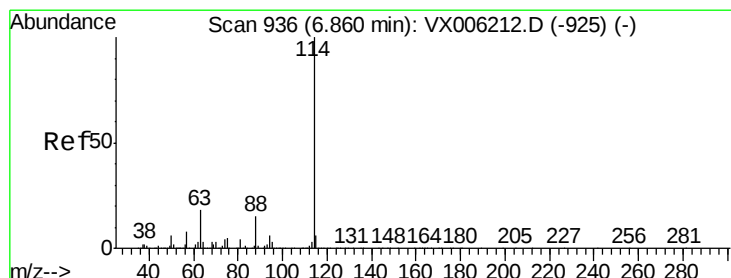
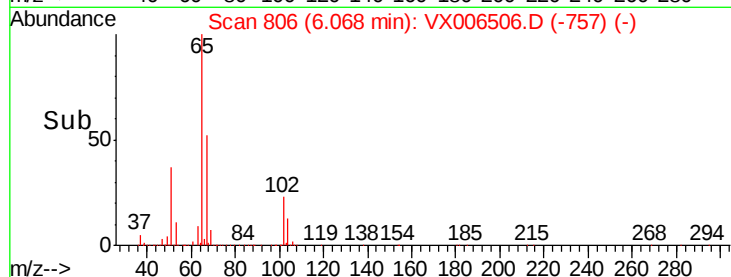
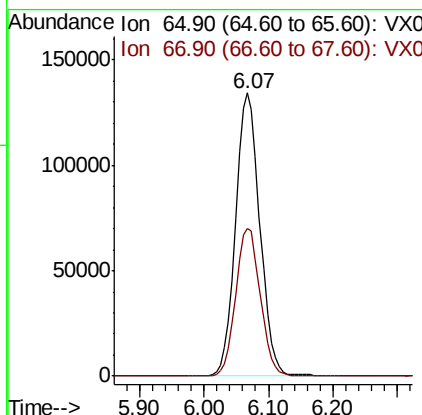
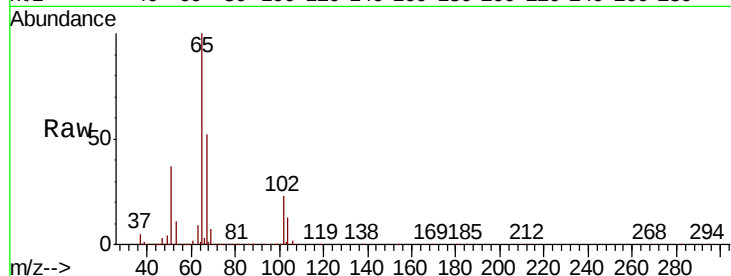




#33
 1,2-Dichloroethane-d4
 Concen: 54.092 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006506.D
 Acq: 13 Dec 2018 20:10

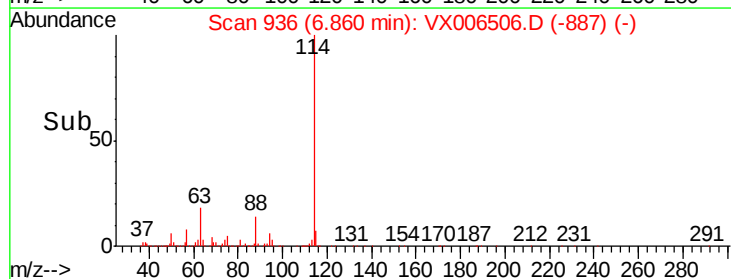
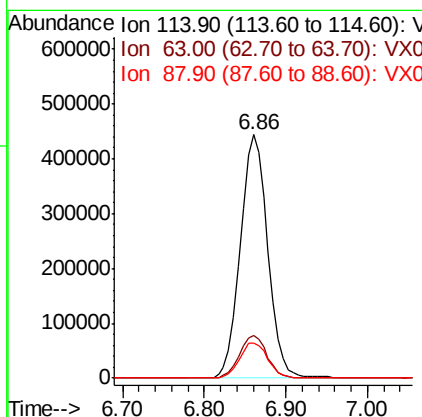
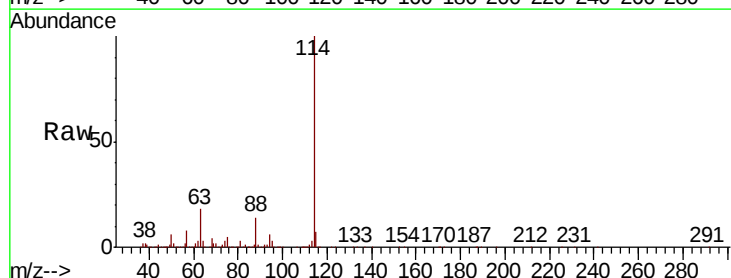
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-A-FRAME

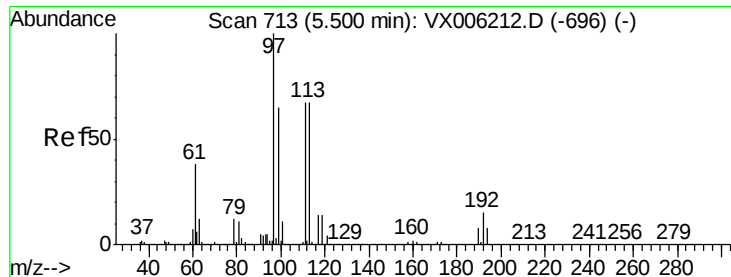
Tot Ion: 65 Resp: 350944
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006506.D
 Acq: 13 Dec 2018 20:10

Tgt Ion: 114 Resp: 1032966
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.613 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006506.D

Acq: 13 Dec 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

TP-A-FRAME

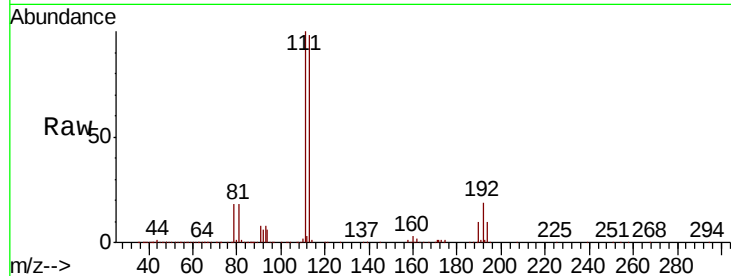
Tot Ion:113 Resp: 305064

Ion Ratio Lower Upper

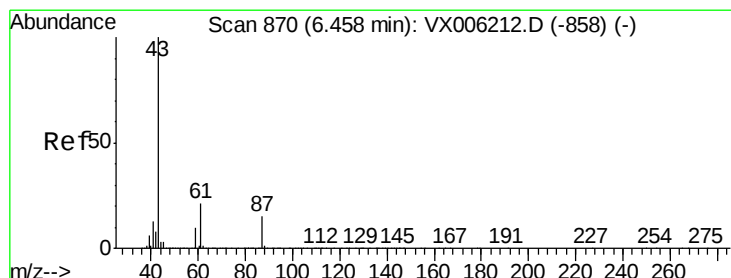
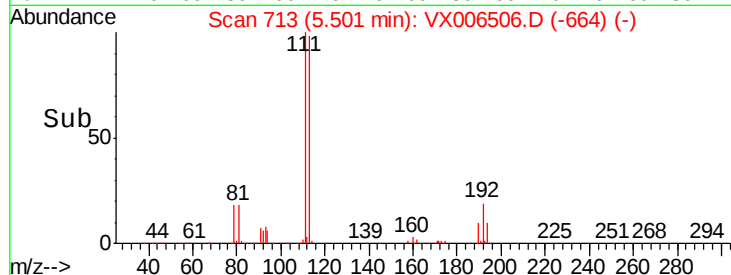
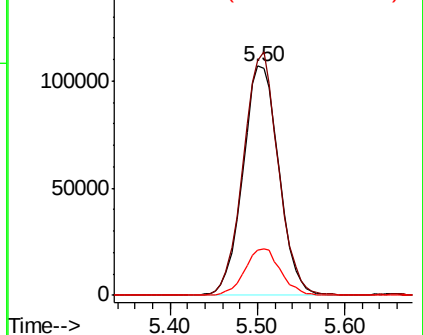
113 100

111 103.3 81.1 121.7

192 20.1 18.2 27.2



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: 2.165 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006506.D

Acq: 13 Dec 2018 20:10

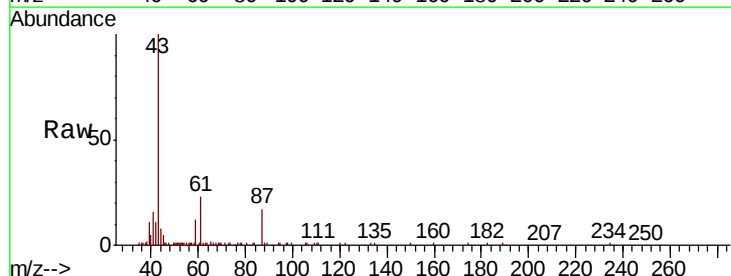
Tgt Ion: 43 Resp: 35163

Ion Ratio Lower Upper

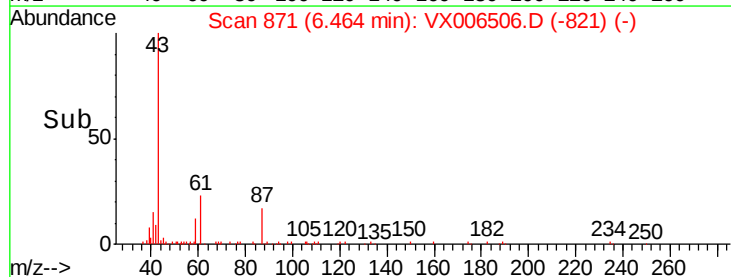
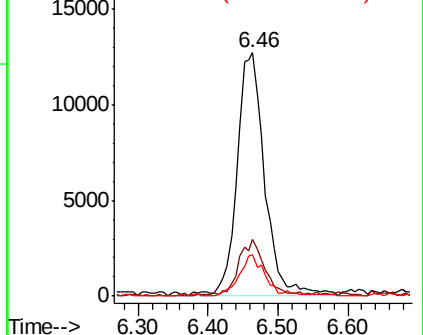
43 100

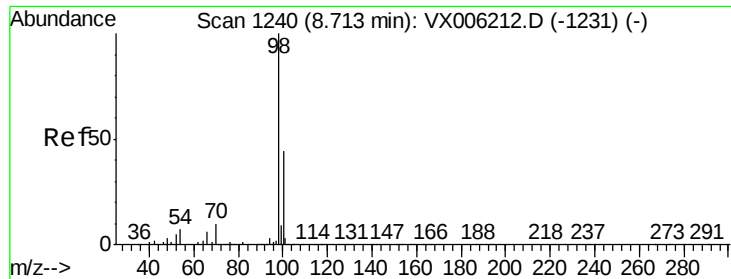
61 21.7 16.8 25.2

87 15.1 11.9 17.9



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: 50.289 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006506.D

Acq: 13 Dec 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

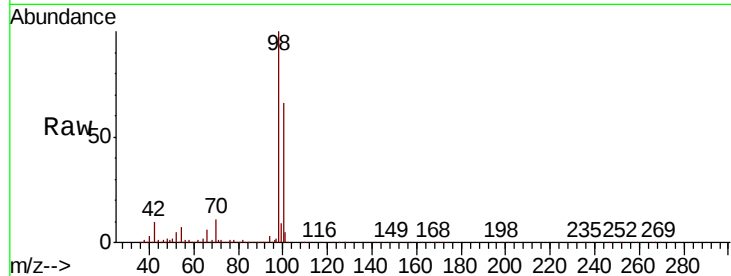
TP-A-FRAME

Tot Ion: 98 Resp: 1223390

Ion Ratio Lower Upper

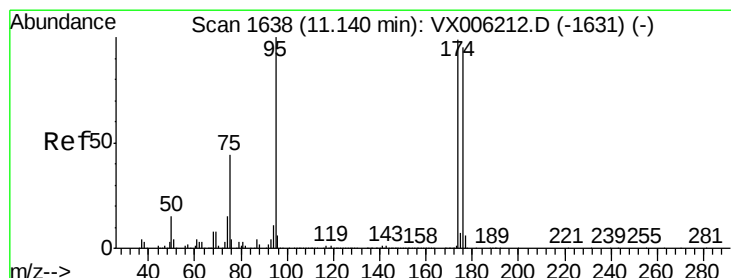
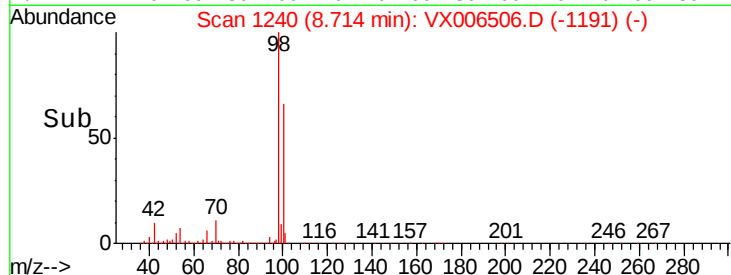
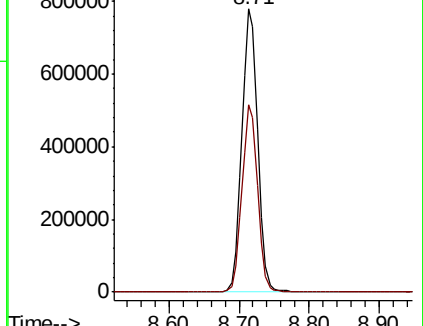
98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.995 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006506.D

Acq: 13 Dec 2018 20:10

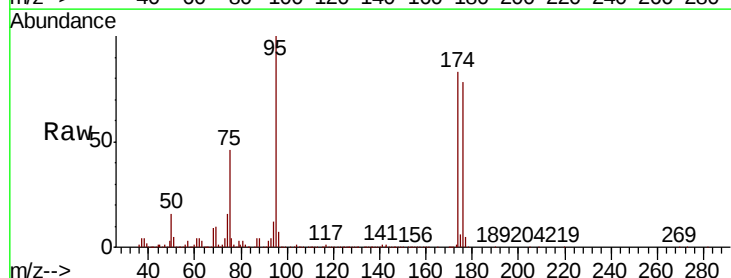
Tgt Ion: 95 Resp: 458316

Ion Ratio Lower Upper

95 100

174 85.9 0.0 187.0

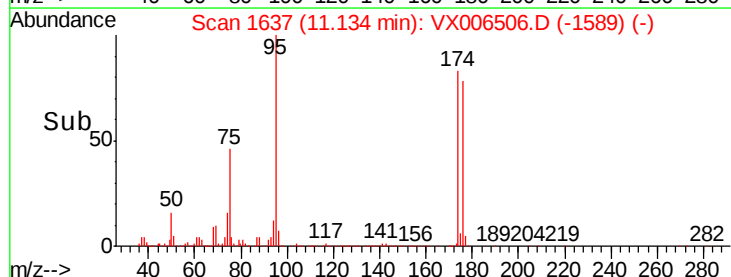
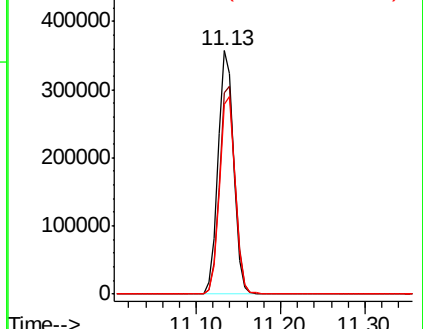
176 82.2 0.0 181.8

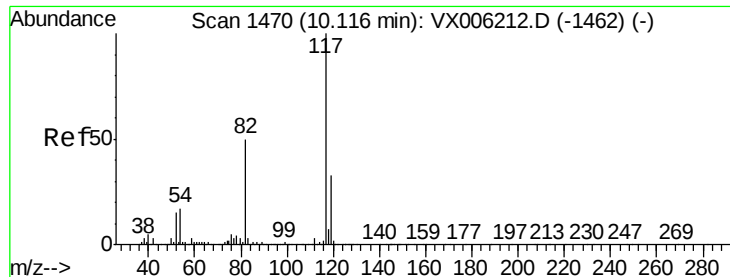


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

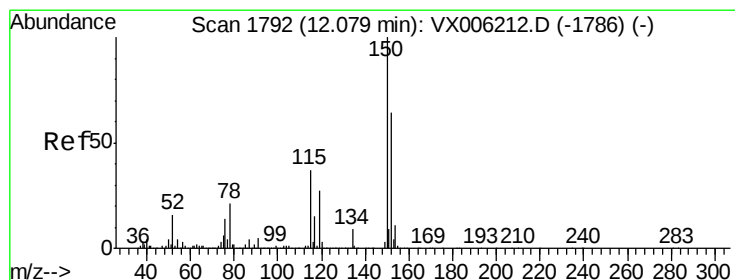
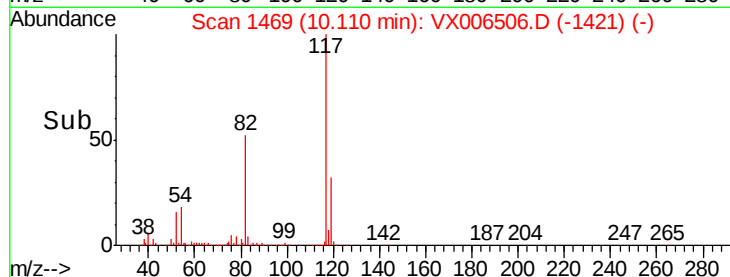
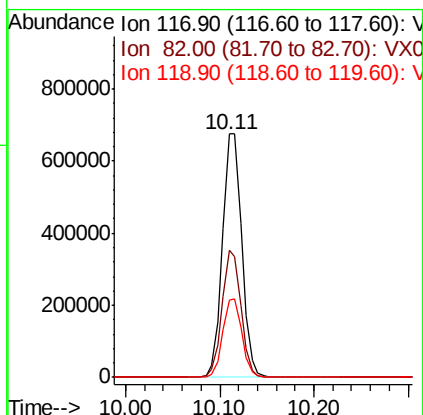
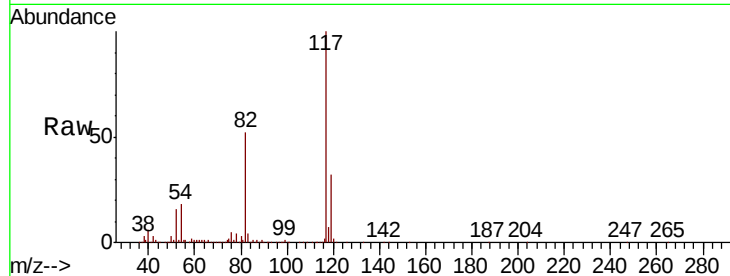




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006506.D
Acq: 13 Dec 2018 20:10

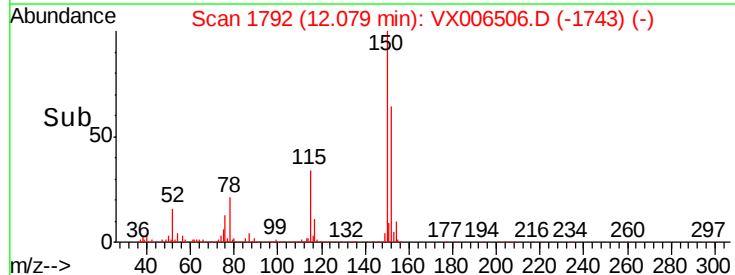
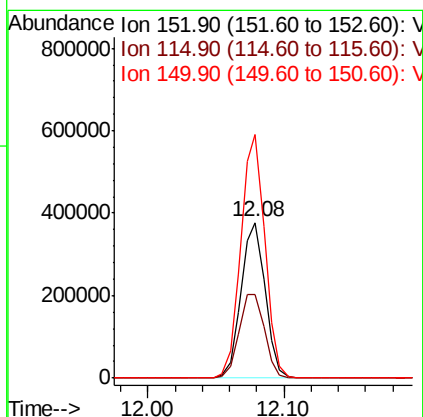
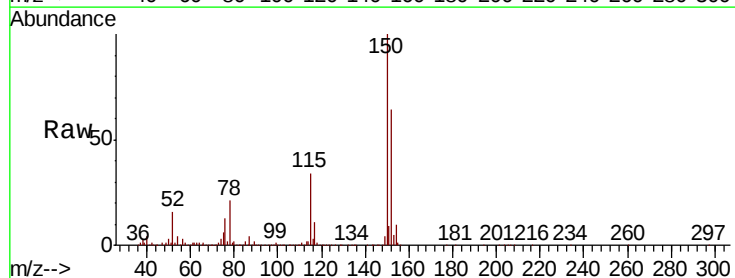
Instrument :
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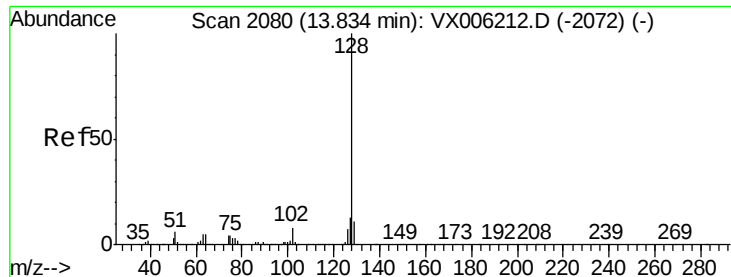
Tot Ion:117 Resp: 960858
Ion Ratio Lower Upper
117 100
82 52.3 39.6 59.4
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006506.D
Acq: 13 Dec 2018 20:10

Tgt Ion:152 Resp: 466860
Ion Ratio Lower Upper
152 100
115 56.3 39.0 116.9
150 156.0 0.0 345.8





#95

Naphthalene

Concen: 9.543 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006506.D

Acq: 13 Dec 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

TP-A-FRAME

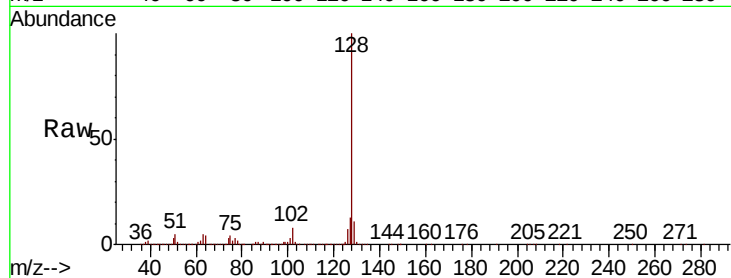
Tot Ion:128 Resp: 342208

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.2 8.9 13.3



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

