

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006502.D
 Acq On : 13 Dec 2018 18:24
 Operator : JC/MD
 Sample : J6199-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-121218-A

Quant Time: Dec 14 01:07:41 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

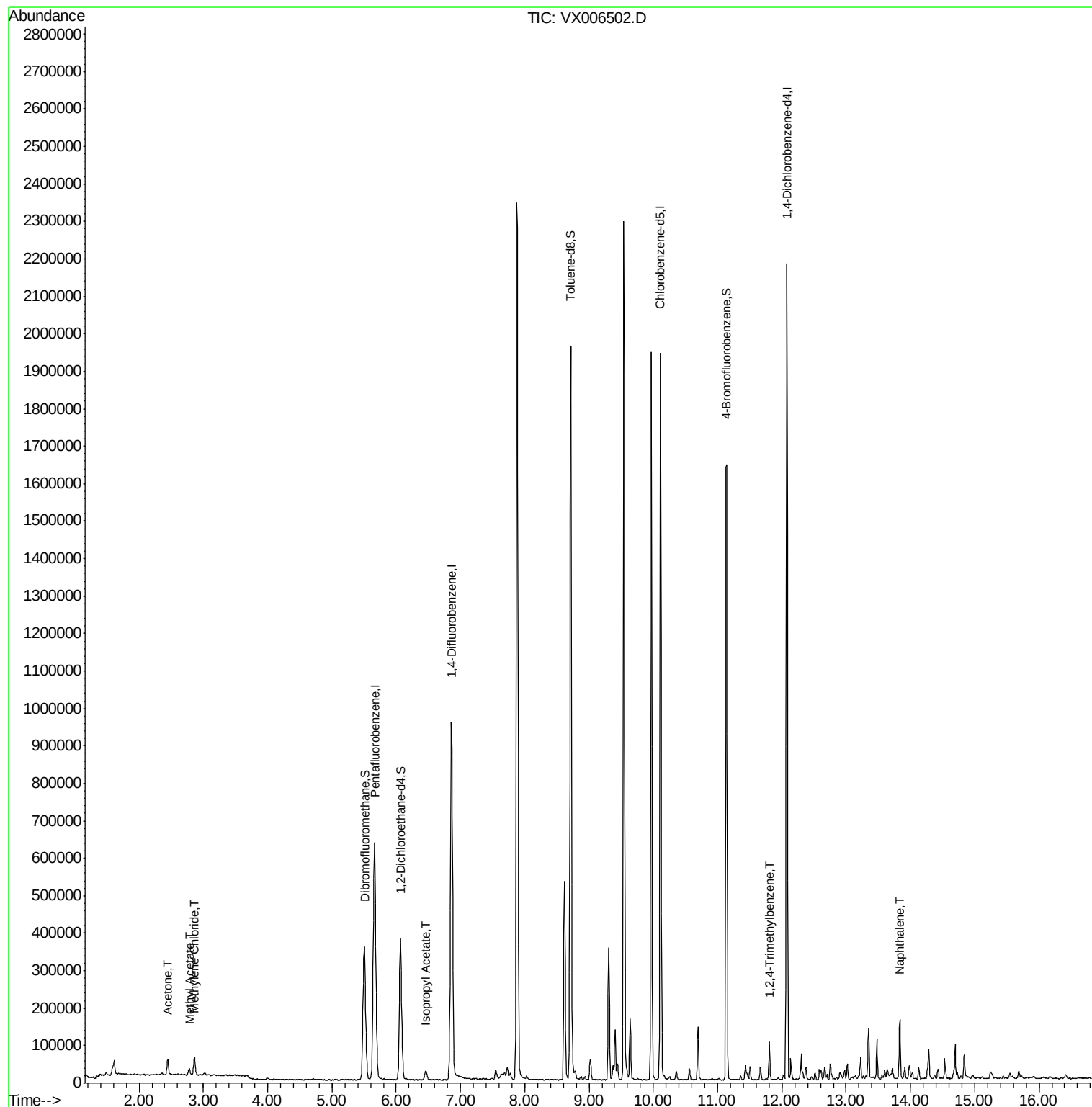
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	641453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1039420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	959443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	468111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	351232	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	5.51	113	308943	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
50) Toluene-d8	8.71	98	1227427	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	458190	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
Target Compounds						
16) Acetone	2.45	43	45334	14.752	ug/l	94
18) Methyl Acetate	2.78	43	21398	2.082	ug/l	92
20) Methylene Chloride	2.86	84	22974	3.513	ug/l	93
43) Isopropyl Acetate	6.46	43	33543	2.052	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	42901	1.545	ug/l	96
95) Naphthalene	13.83	128	99932	2.779	ug/l	98

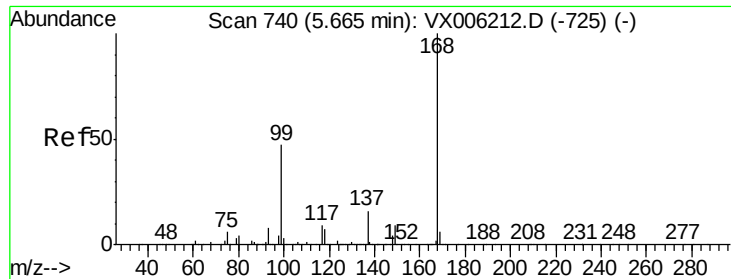
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006502.D

Acq: 13 Dec 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

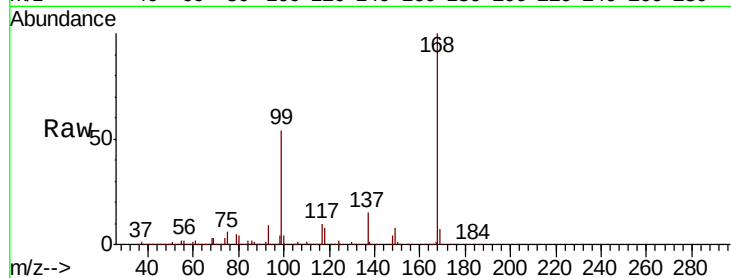
SU-04-121218-A

Tot Ion:168 Resp: 641453

Ion Ratio Lower Upper

168 100

99 53.8 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

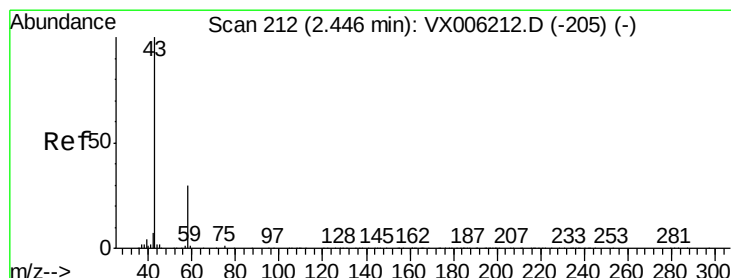
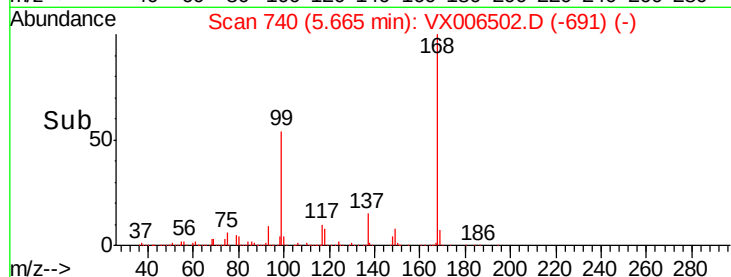
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.752 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006502.D

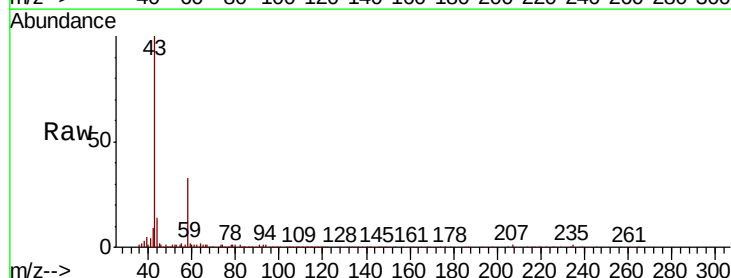
Acq: 13 Dec 2018 18:24

Tgt Ion: 43 Resp: 45334

Ion Ratio Lower Upper

43 100

58 33.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

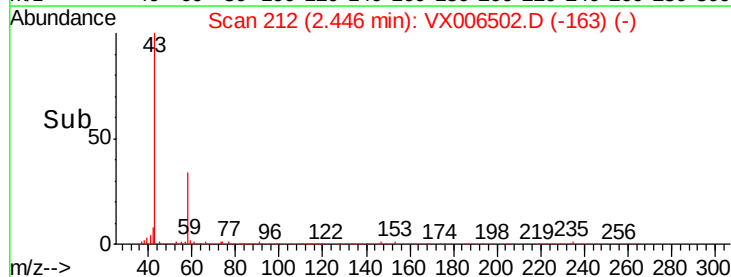
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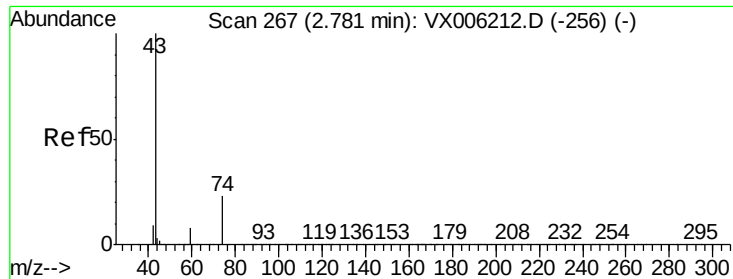
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5000

0

Time-->

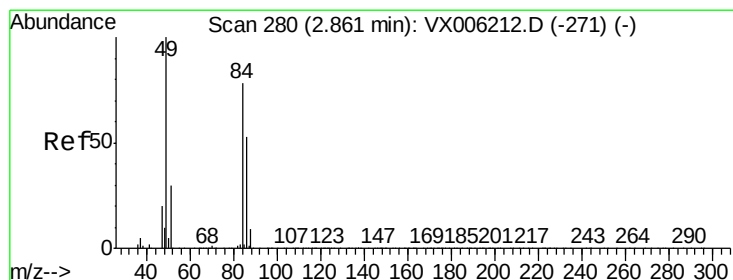
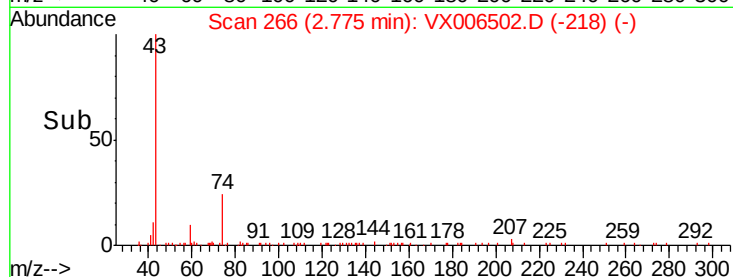
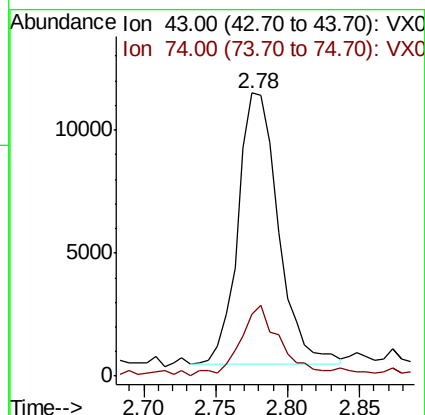
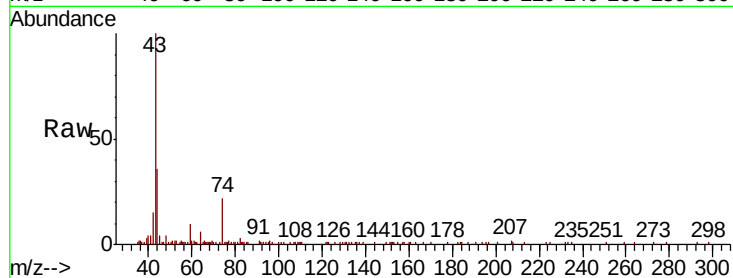




#18
Methvl Acetate
Concen: 2.082 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006502.D
Acq: 13 Dec 2018 18:24

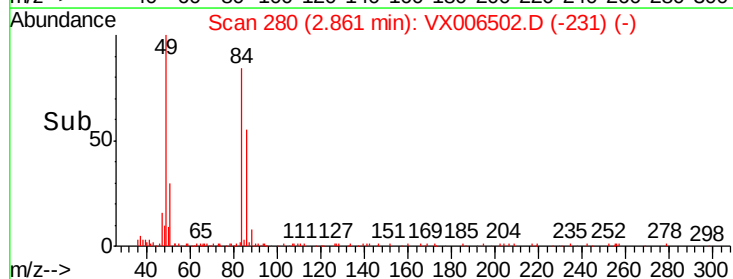
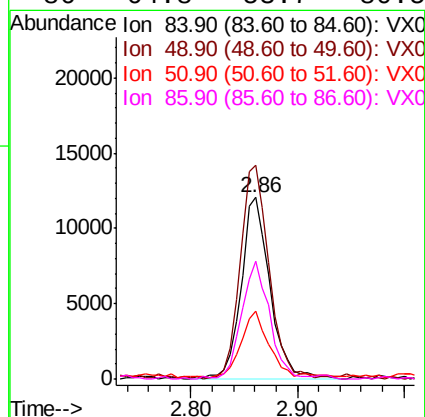
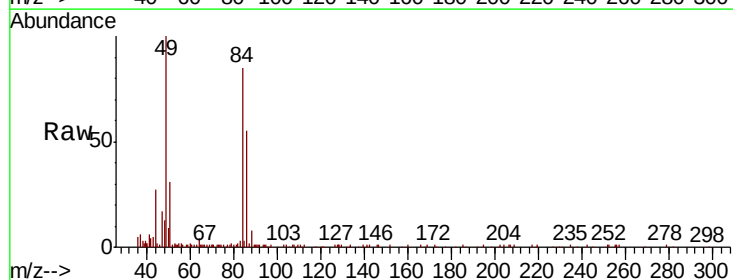
Instrument :
MSVOA_X
ClientSampleId :
SU-04-121218-A

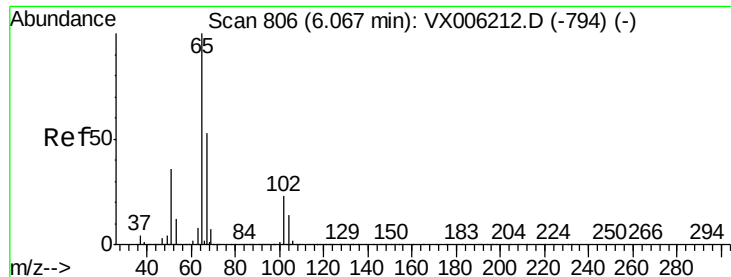
Tot Ion: 43 Resp: 21398
Ion Ratio Lower Upper
43 100
74 26.2 17.9 26.9



#20
Methylene Chloride
Concen: 3.513 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006502.D
Acq: 13 Dec 2018 18:24

Tgt Ion: 84 Resp: 22974
Ion Ratio Lower Upper
84 100
49 116.8 102.2 153.4
51 35.8 31.1 46.7
86 64.8 53.7 80.5

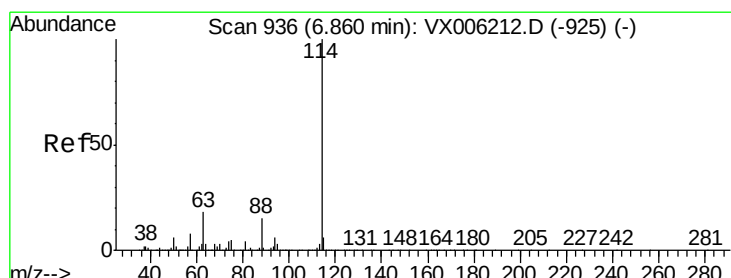
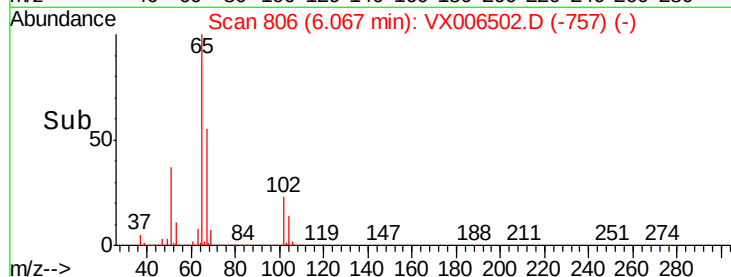
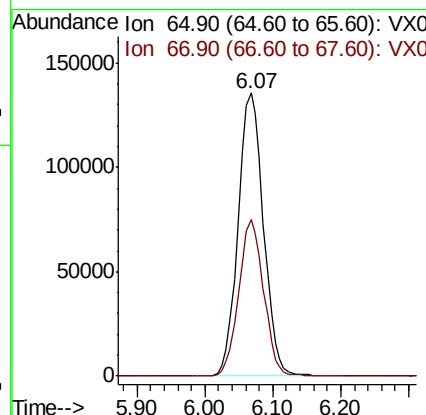
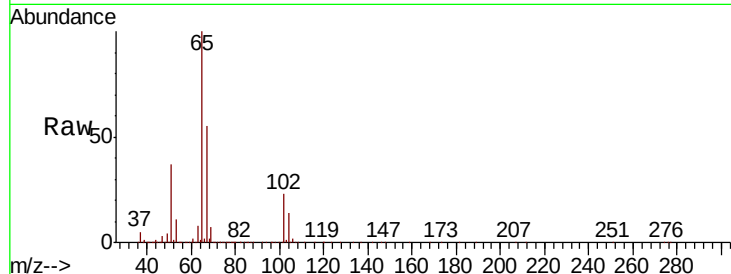




#33
 1,2-Dichloroethane-d4
 Concen: 53.638 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006502.D
 Acq: 13 Dec 2018 18:24

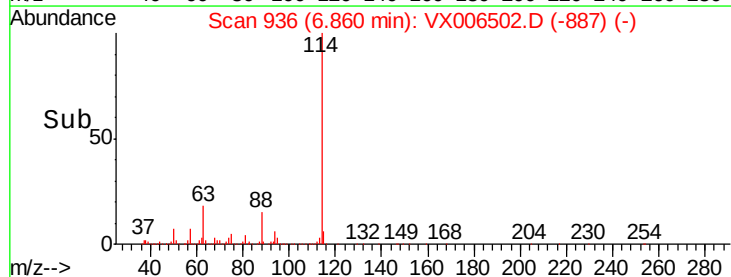
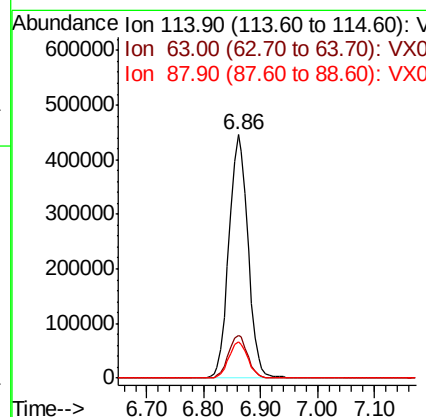
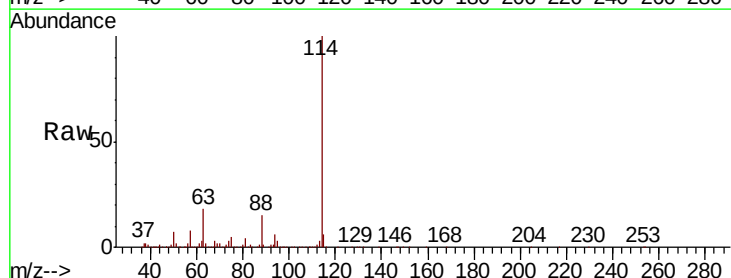
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-121218-A

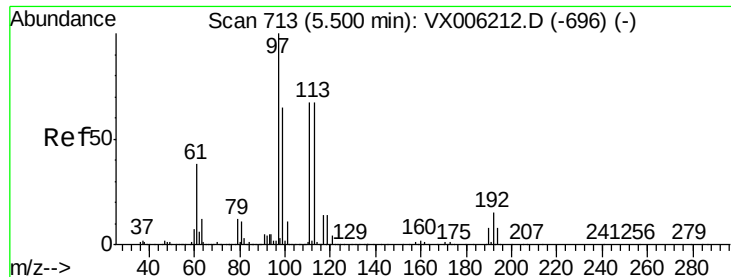
Tot Ion: 65 Resp: 351232
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006502.D
 Acq: 13 Dec 2018 18:24

Tgt Ion: 114 Resp: 1039420
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.6
 88 15.1 0.0 29.0

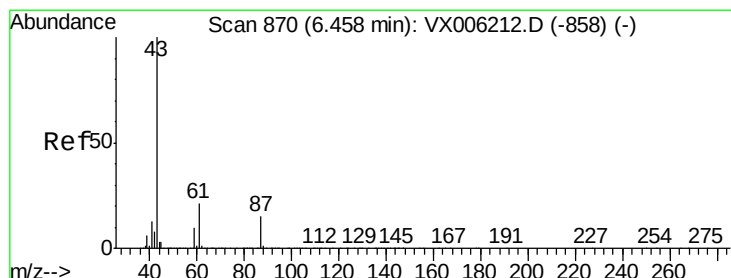
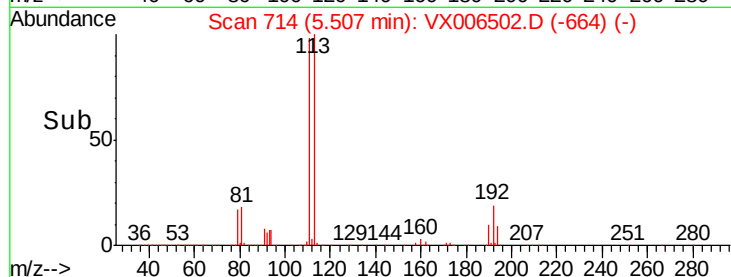
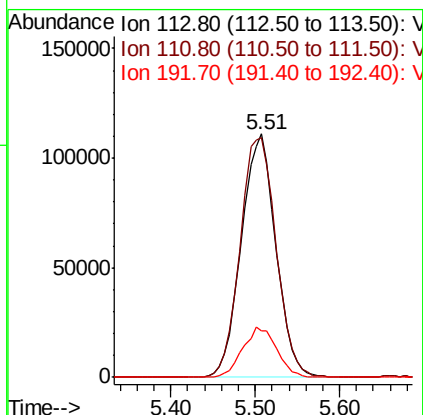
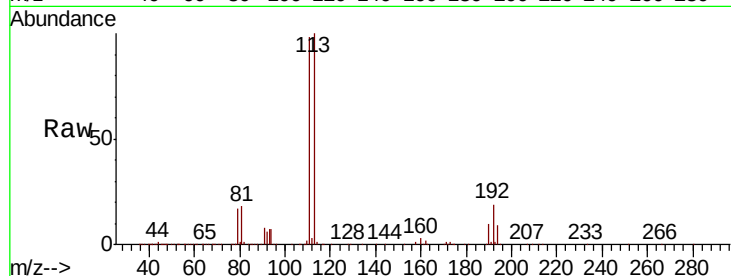




#35
 Dibromofluoromethane
 Concen: 45.906 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006502.D
 Acq: 13 Dec 2018 18:24

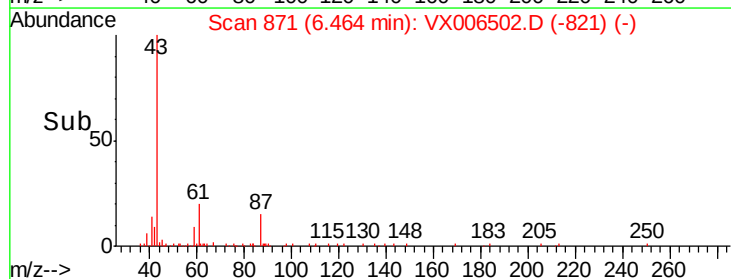
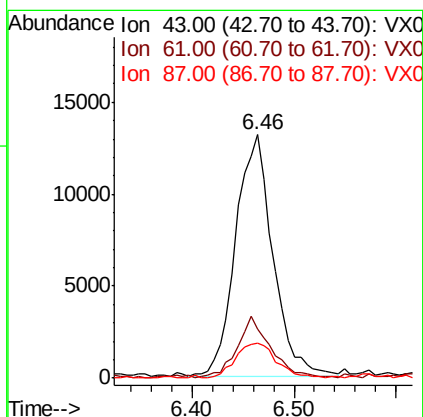
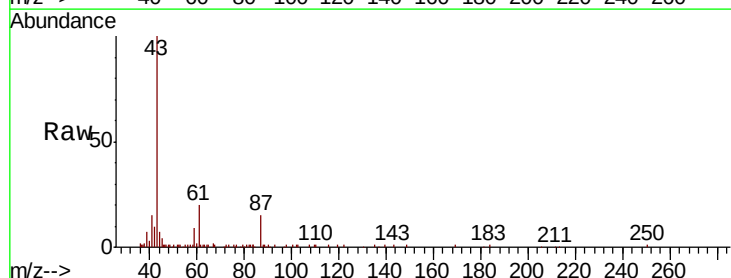
Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-121218-A

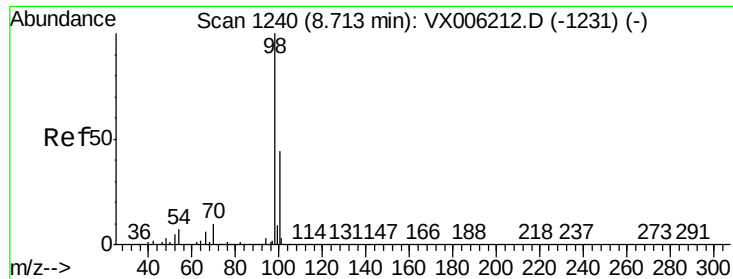
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	20.2	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 2.052 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006502.D
 Acq: 13 Dec 2018 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.0	16.8	25.2
87	15.8	11.9	17.9

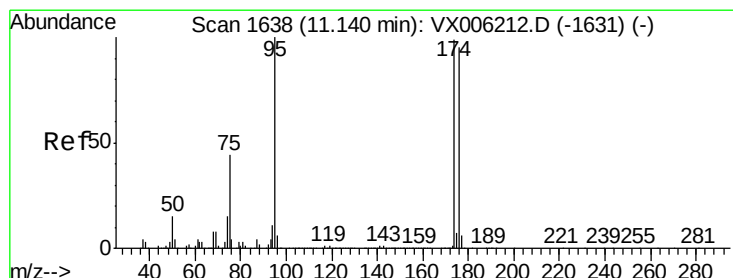
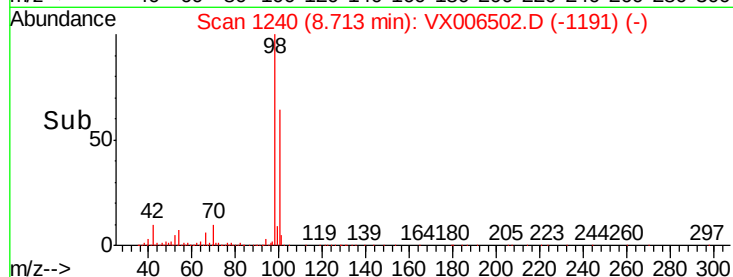
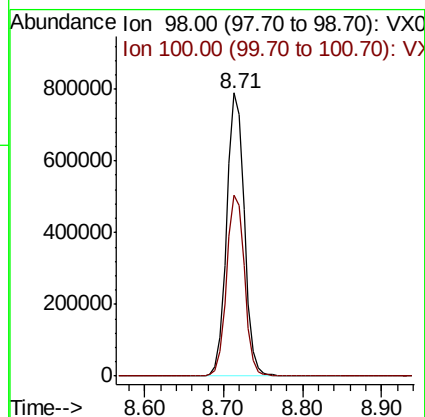
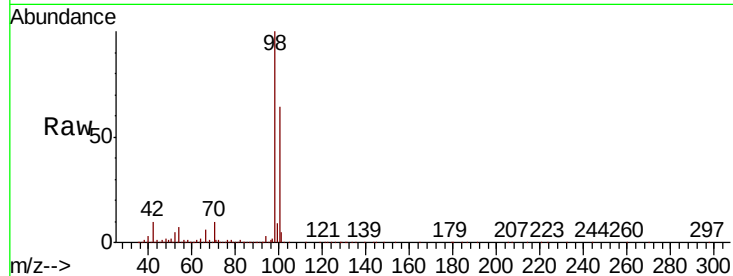




#50
Toluene-d8
Concen: 50.142 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006502.D
Acq: 13 Dec 2018 18:24

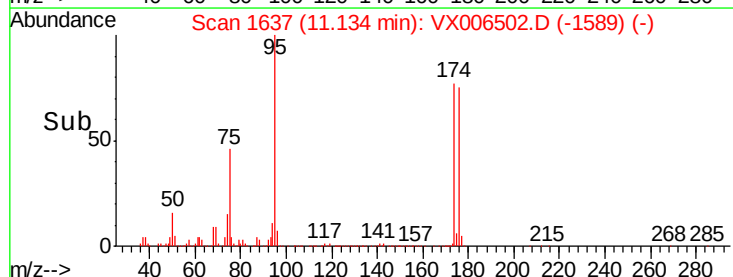
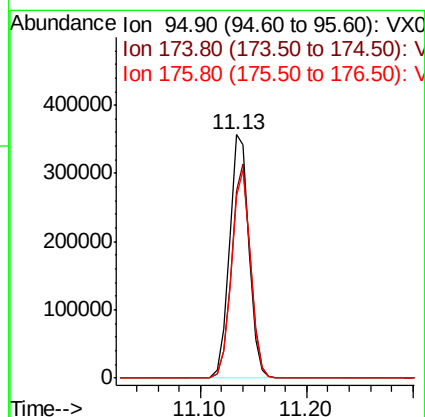
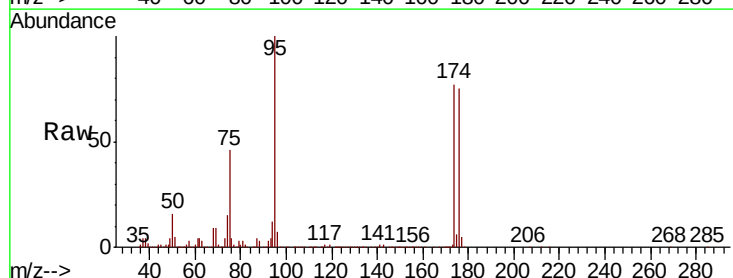
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ClientSampleId :
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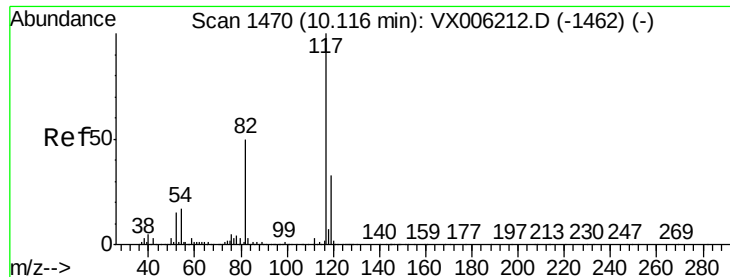
Tot Ion: 98 Resp: 1227427
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.671 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006502.D
Acq: 13 Dec 2018 18:24

Tgt Ion: 95 Resp: 458190
Ion Ratio Lower Upper
95 100
174 85.0 0.0 187.0
176 83.1 0.0 181.8

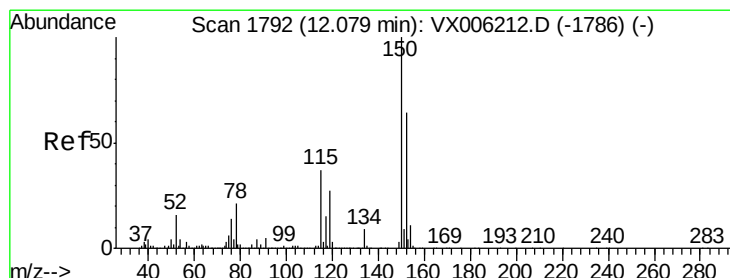
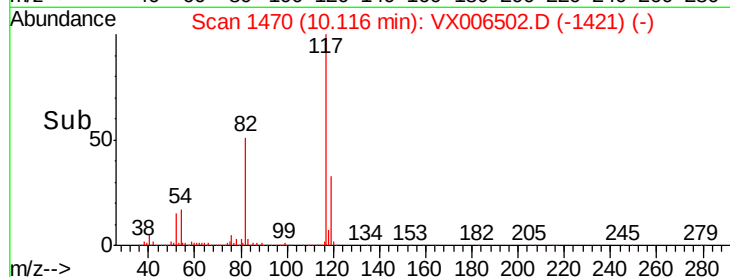
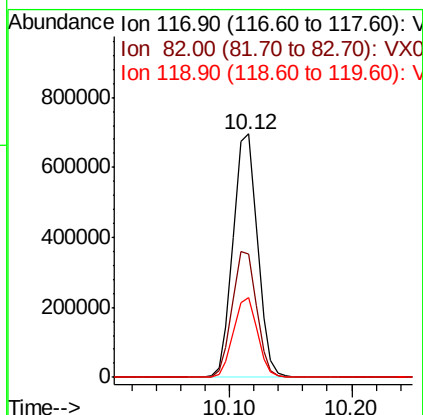
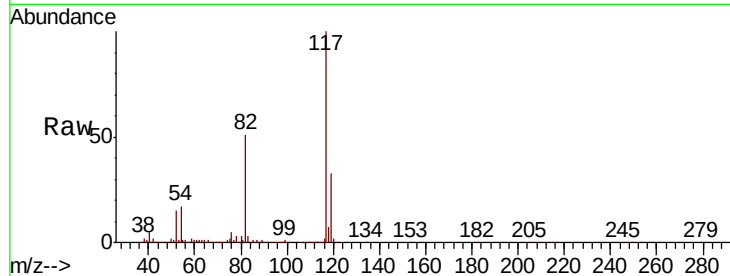




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006502.D
Acq: 13 Dec 2018 18:24

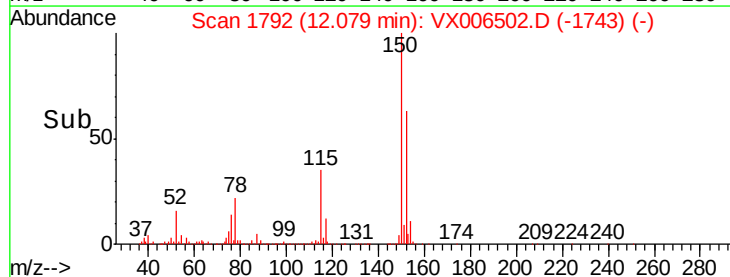
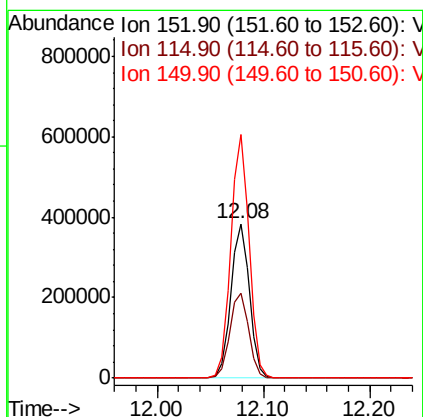
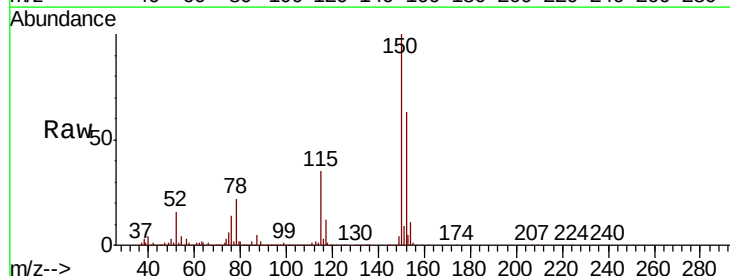
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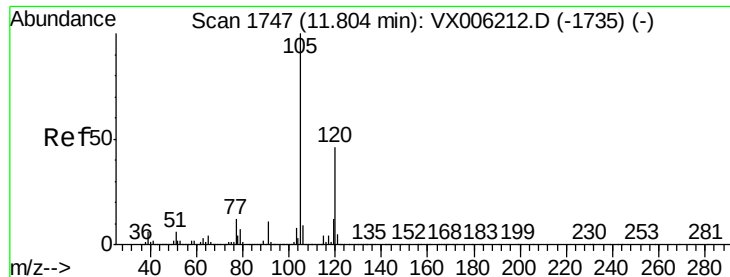
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	39.6	59.4
119	33.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006502.D
Acq: 13 Dec 2018 18:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.0	116.9
150	156.1	0.0	345.8

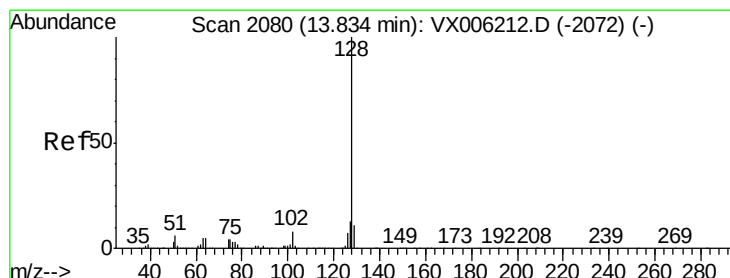
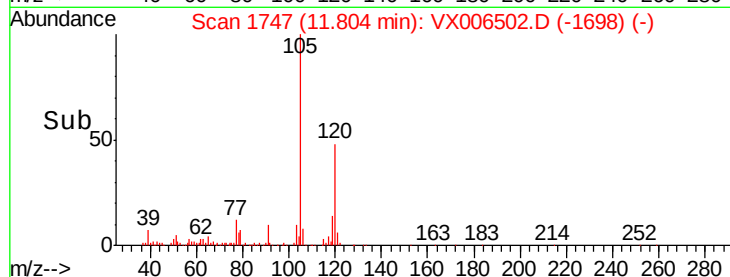
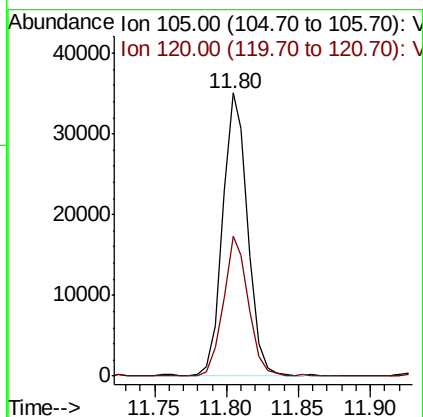
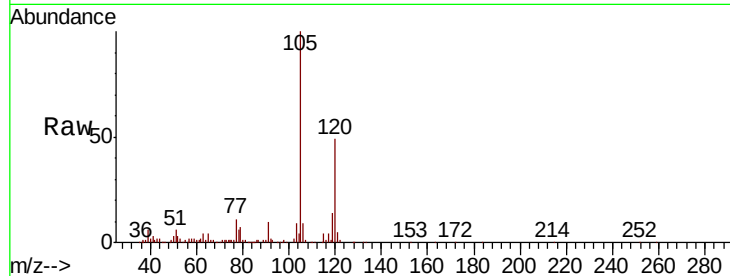




#84
 1,2,4-Trimethylbenzene
 Concen: 1.545 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006502.D
 Acq: 13 Dec 2018 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-04-121218-A

Tot Ion:105 Resp: 42901
 Ion Ratio Lower Upper
 105 100
 120 49.4 23.4 70.0



#95
 Naphthalene
 Concen: 2.779 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006502.D
 Acq: 13 Dec 2018 18:24

Tgt Ion:128 Resp: 99932
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.2 15.4
 129 12.0 8.9 13.3

