

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006961.D
 Acq On : 09 Jan 2019 13:26
 Operator : JC/MD
 Sample : K1082-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-1

Quant Time: Jan 10 01:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	642179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	977911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	923413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471199	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	330413	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	5.50	113	298960	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	1174314	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.13	95	432371	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	

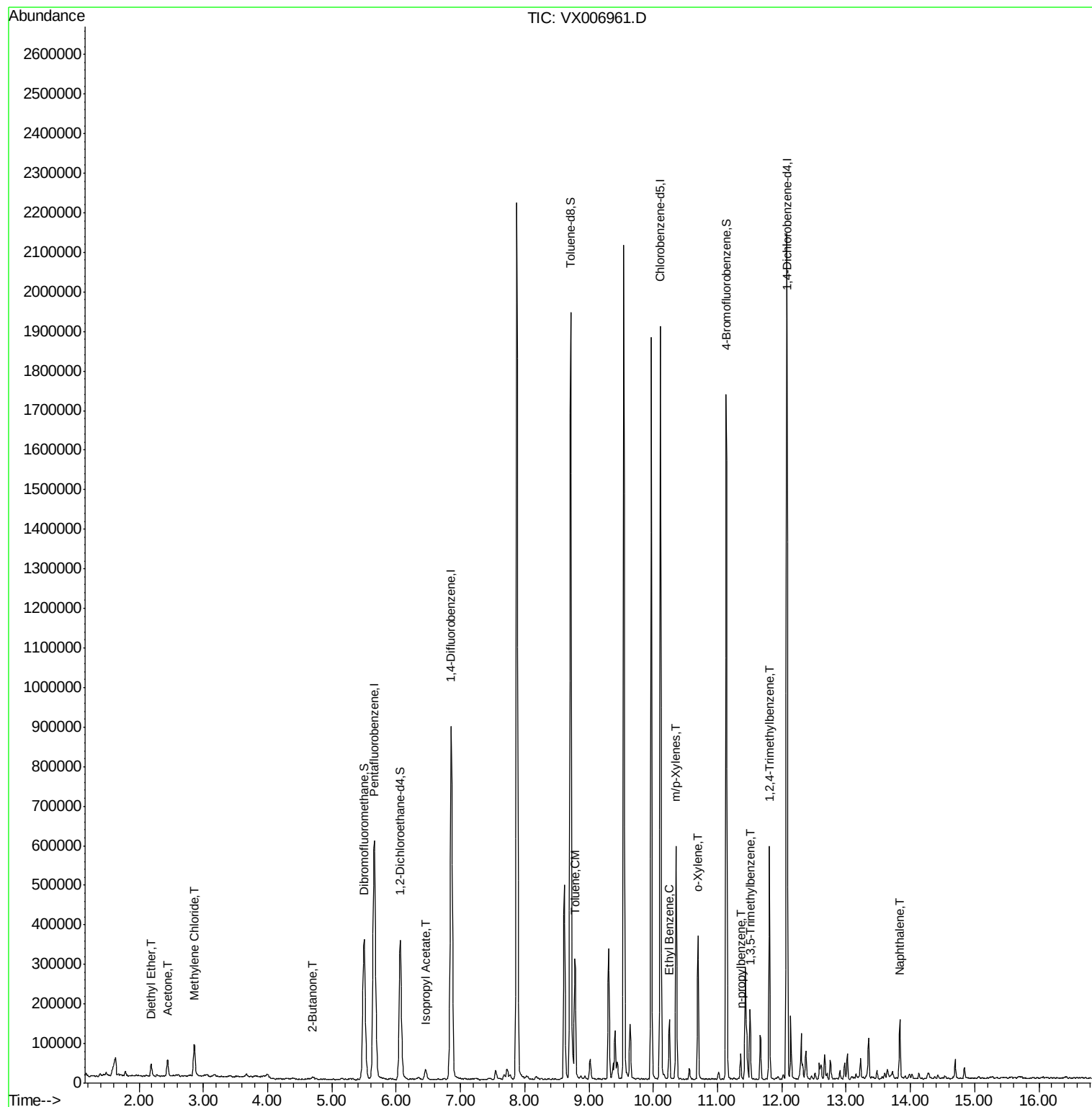
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.19	74	11073	2.608	ug/l	98
16) Acetone	2.45	43	42610	12.843	ug/l	91
20) Methylene Chloride	2.86	84	37629	5.459	ug/l	94
25) 2-Butanone	4.70	43	11734	2.472	ug/l	92
43) Isopropyl Acetate	6.45	43	33646	2.340	ug/l	98
52) Toluene	8.78	92	114810	6.886	ug/l	100
67) Ethyl Benzene	10.25	91	86778	2.610	ug/l	100
68) m/p-Xylenes	10.35	106	142987	10.915	ug/l	98
69) o-Xylene	10.69	106	59995	4.696	ug/l	98
78) n-propylbenzene	11.36	91	40366	1.107	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	74811	2.695	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	247458	8.864	ug/l	99
95) Naphthalene	13.83	128	90343	2.661	ug/l	98

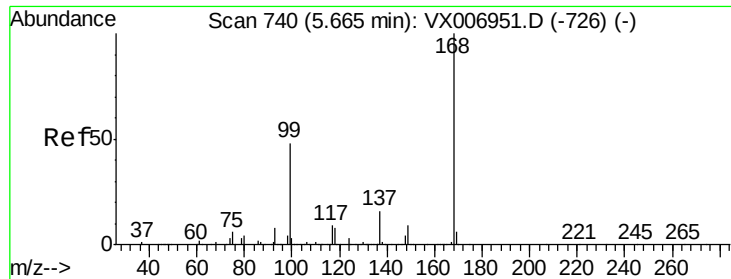
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
SP-1-1

Quant Time: Jan 10 01:23:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

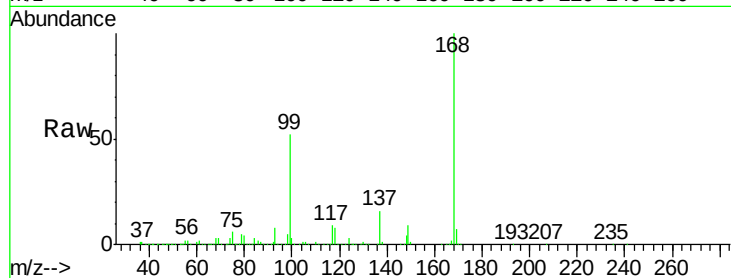
SP-1-1

Tot Ion:168 Resp: 642179

Ion Ratio Lower Upper

168 100

99 51.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

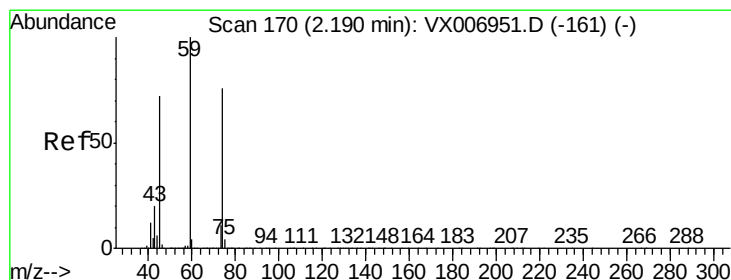
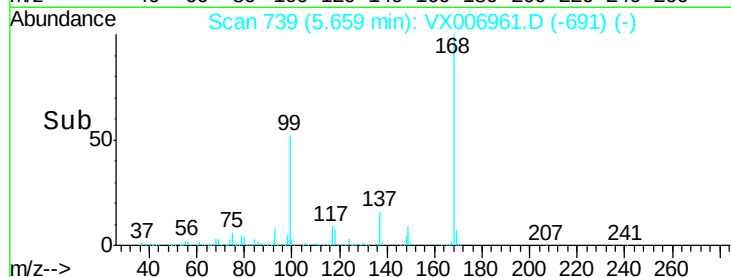
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.608 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX006961.D

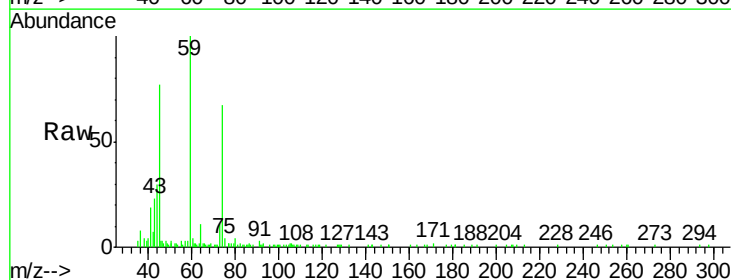
Acq: 09 Jan 2019 13:26

Tgt Ion: 74 Resp: 11073

Ion Ratio Lower Upper

74 100

45 94.4 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

8000

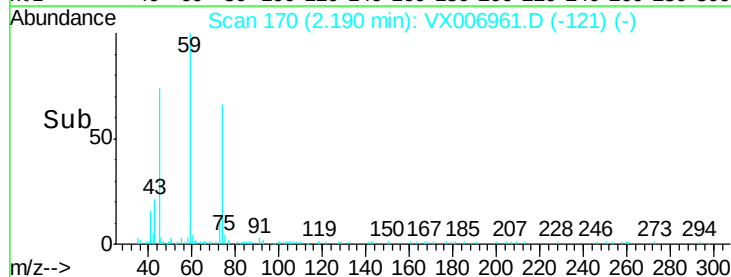
6000

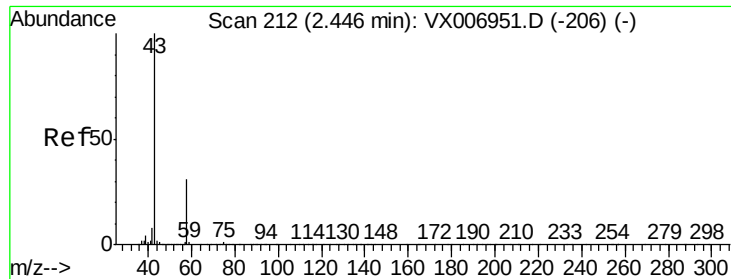
4000

2000

0

Time-->





#16

Acetone

Concen: 12.843 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

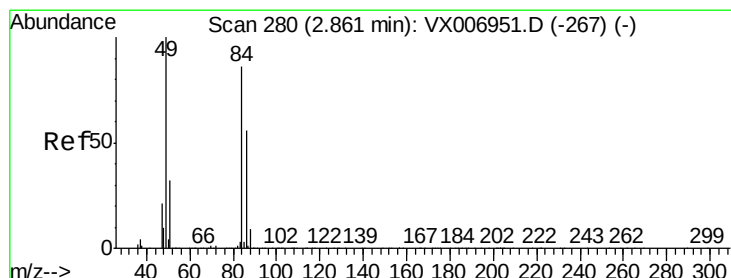
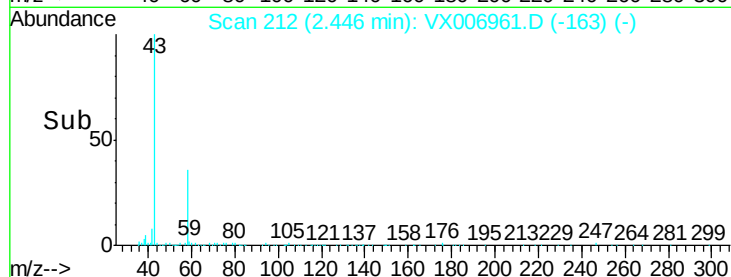
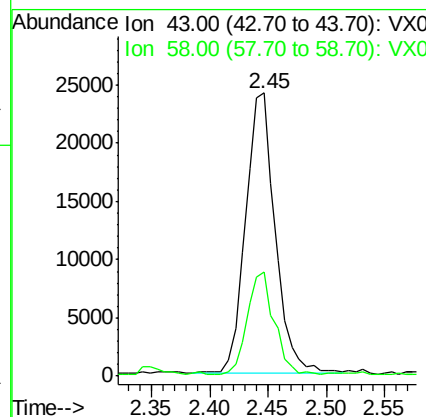
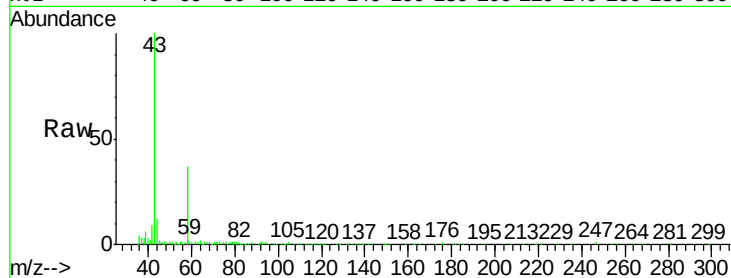
SP-1-1

Tot Ion: 43 Resp: 42610

Ion Ratio Lower Upper

43 100

58 36.0 25.0 37.6



#20

Methylene Chloride

Concen: 5.459 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Tgt Ion: 84 Resp: 37629

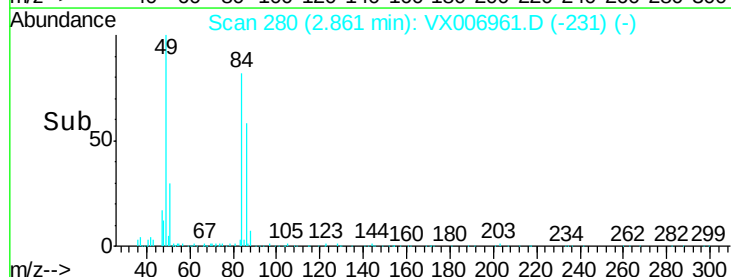
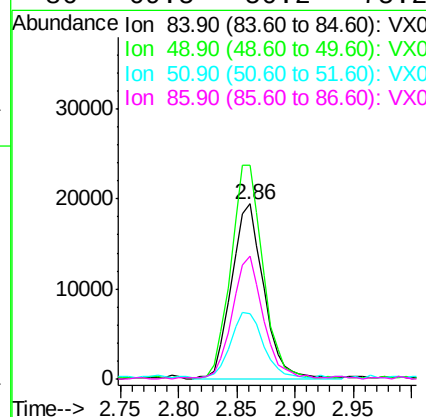
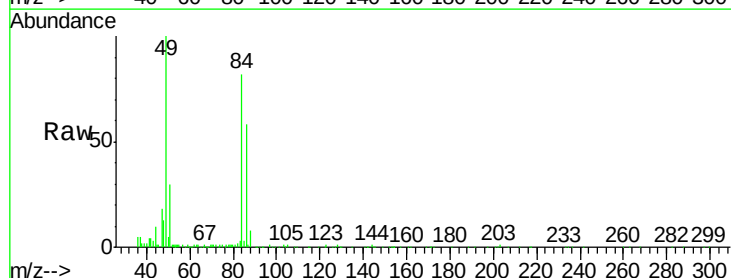
Ion Ratio Lower Upper

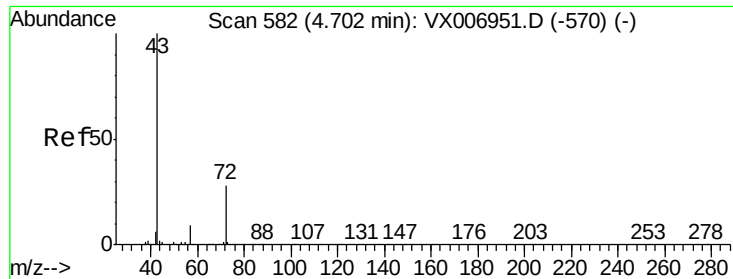
84 100

49 121.0 91.8 137.6

51 35.9 28.5 42.7

86 69.5 50.2 75.2

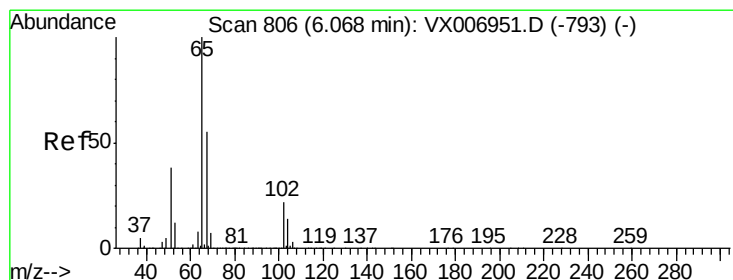
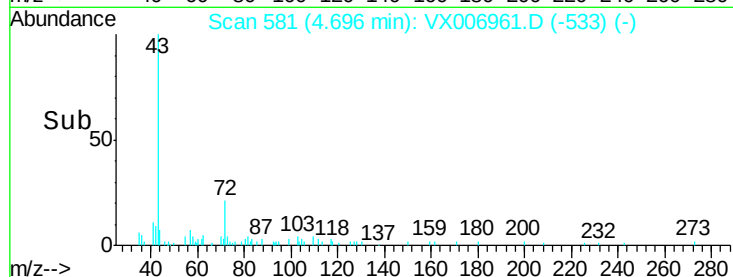
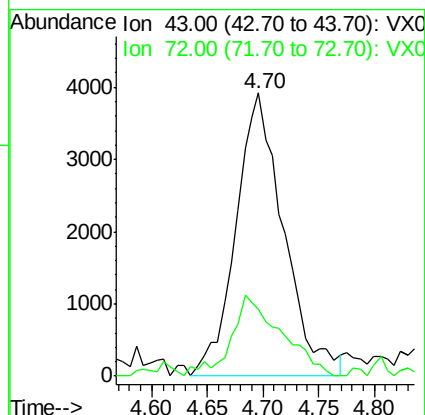
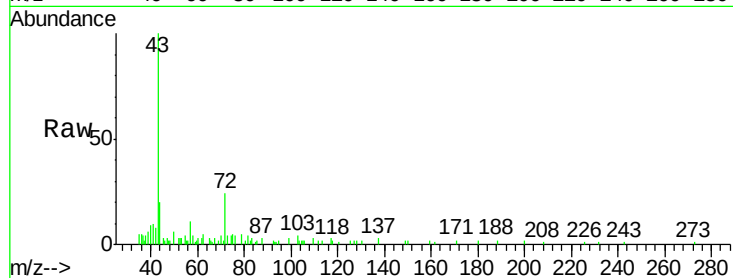




#25
2-Butanone
Concen: 2.472 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

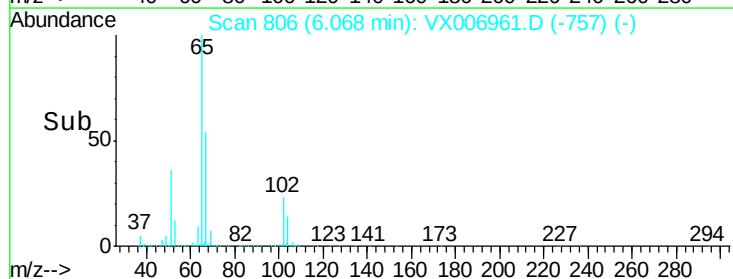
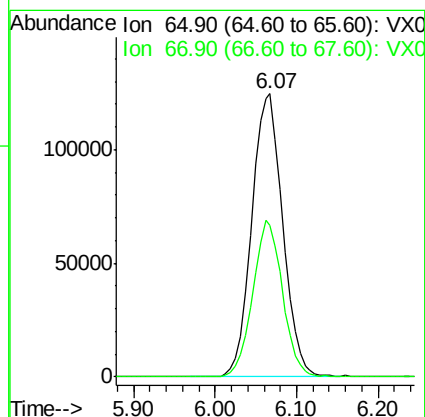
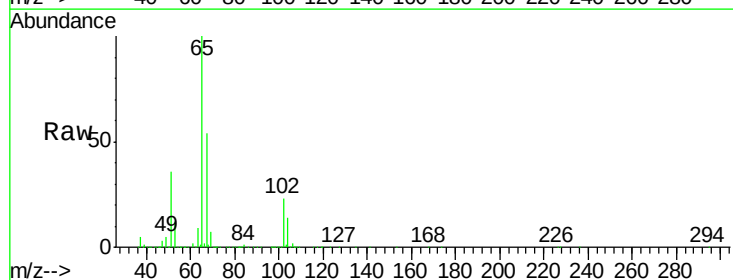
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

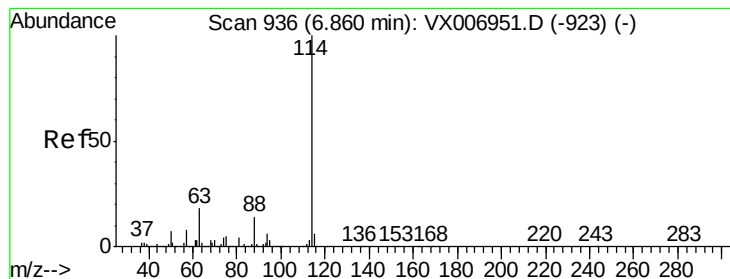
Tot Ion: 43 Resp: 11734
Ion Ratio Lower Upper
43 100
72 23.6 22.4 33.6



#33
1,2-Dichloroethane-d4
Concen: 49.232 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion: 65 Resp: 330413
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

SP-1-1

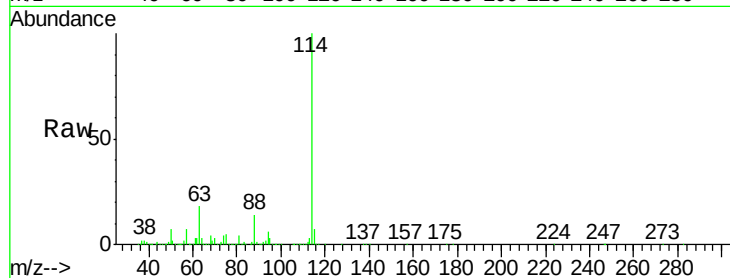
Tot Ion:114 Resp: 977911

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

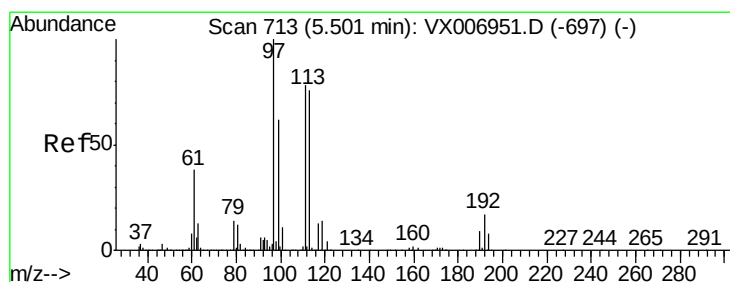
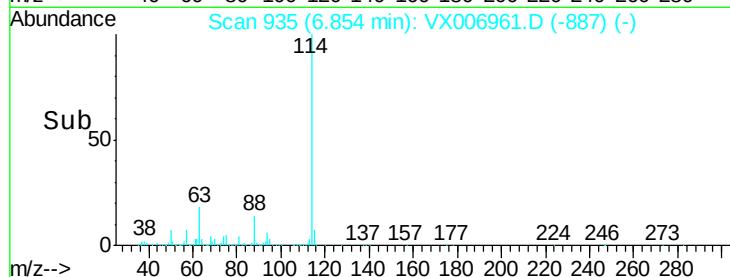
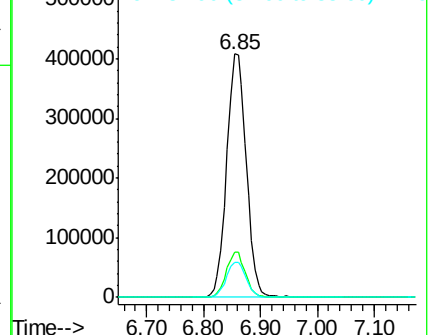
88 14.5 0.0 28.8



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: 47.738 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

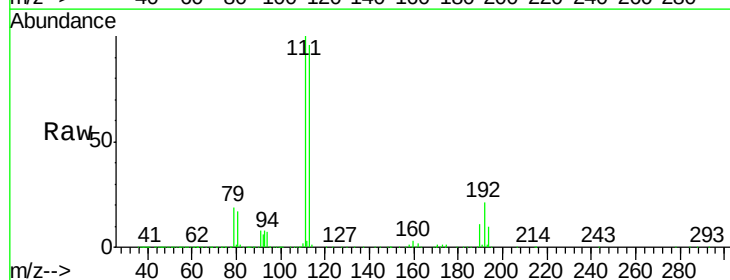
Tgt Ion:113 Resp: 298960

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

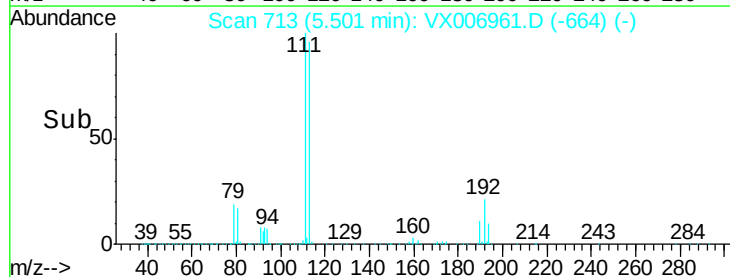
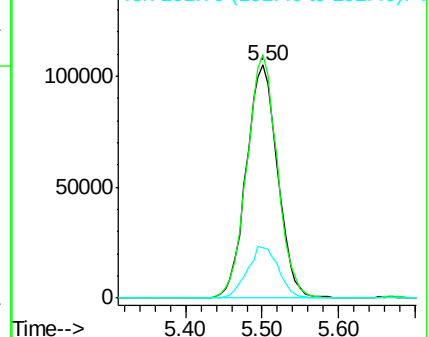
192 22.1 16.7 25.1

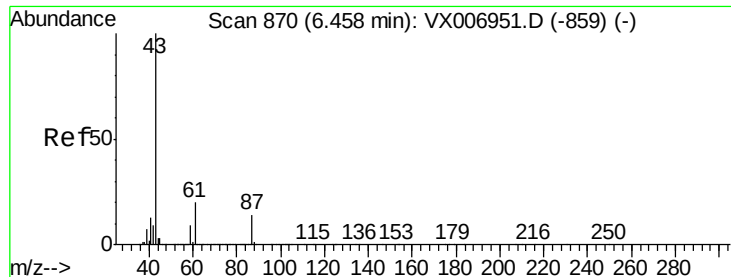


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.340 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

SP-1-1

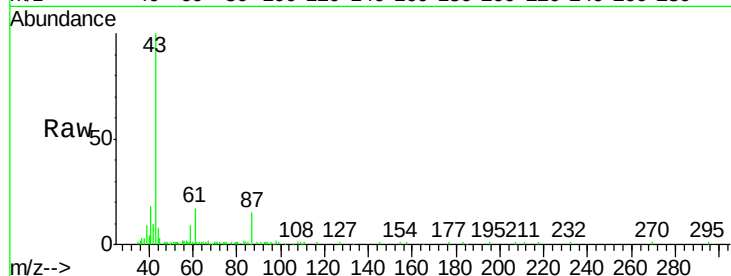
Tot Ion: 43 Resp: 33646

Ion Ratio Lower Upper

43 100

61 19.5 16.8 25.2

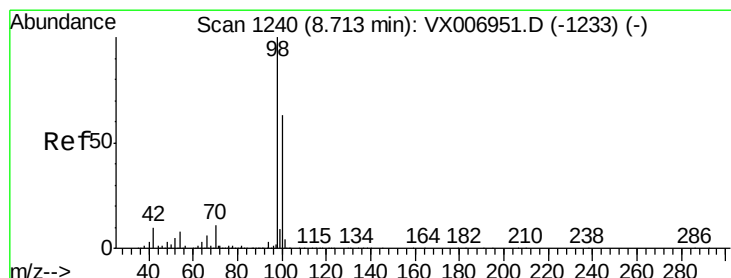
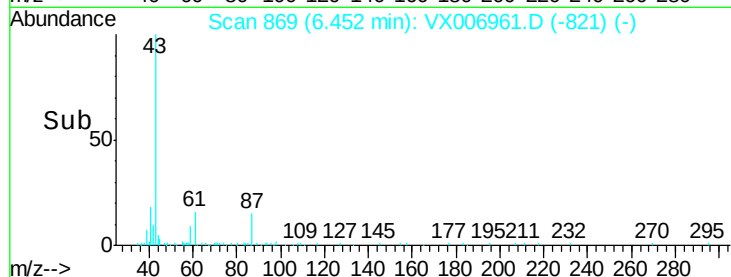
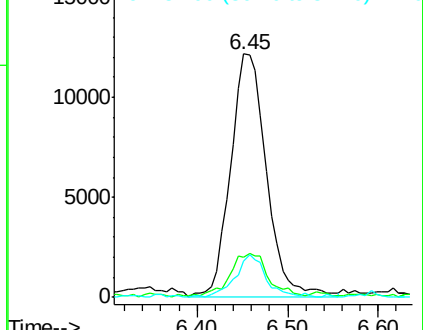
87 15.1 12.4 18.6



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: 51.229 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006961.D

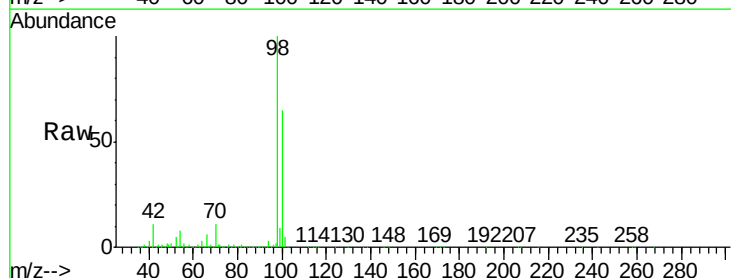
Acq: 09 Jan 2019 13:26

Tgt Ion: 98 Resp: 1174314

Ion Ratio Lower Upper

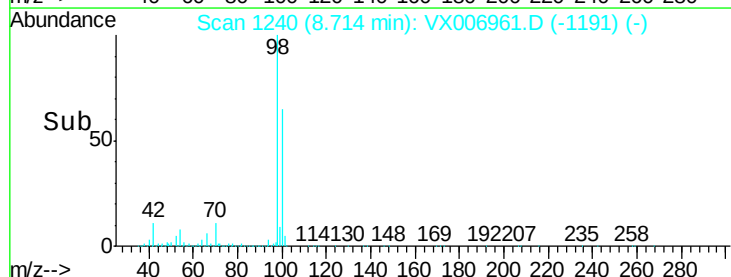
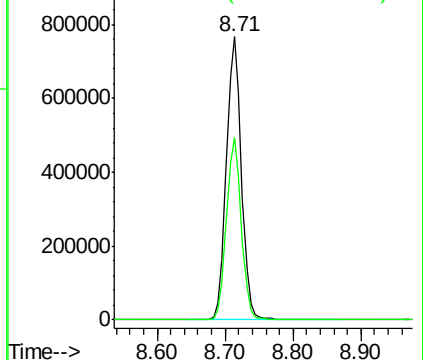
98 100

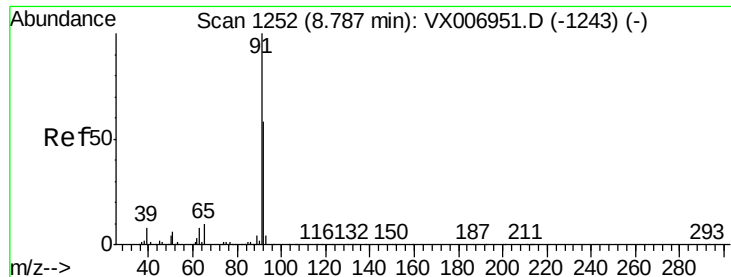
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 6.886 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

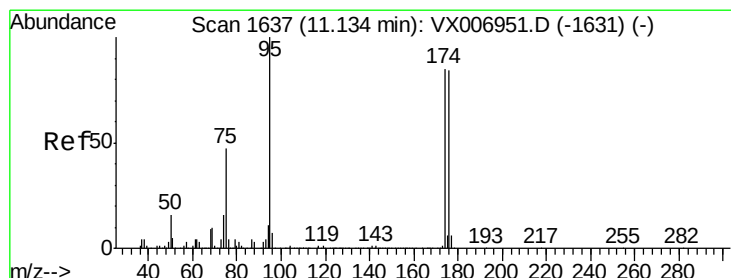
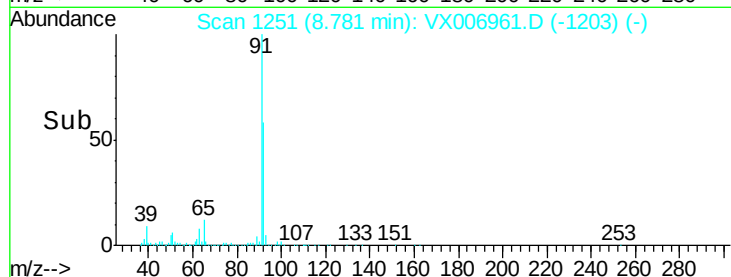
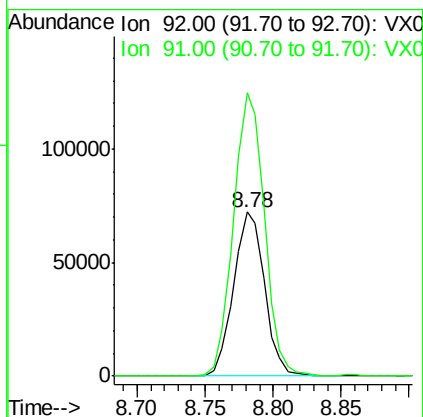
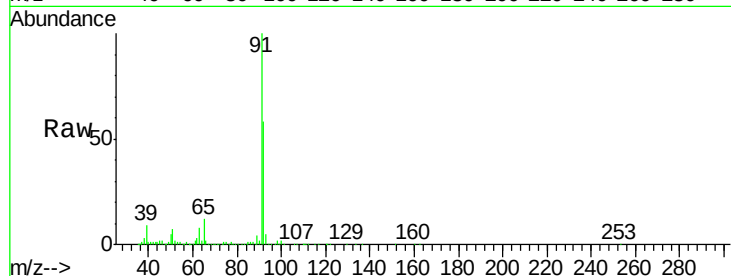
SP-1-1

Tot Ion: 92 Resp: 114810

Ion Ratio Lower Upper

92 100

91 172.2 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 54.105 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006961.D

Acq: 09 Jan 2019 13:26

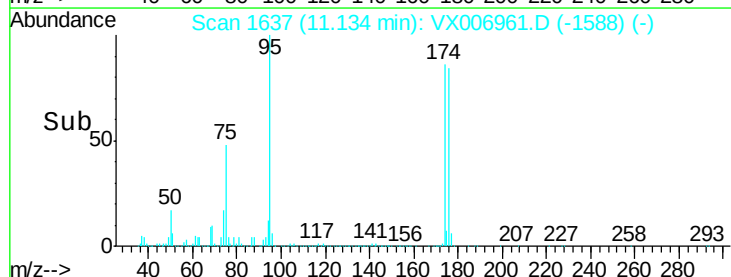
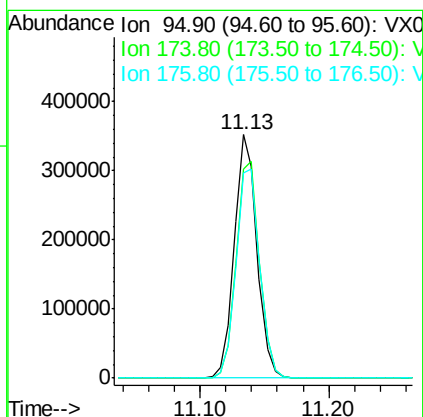
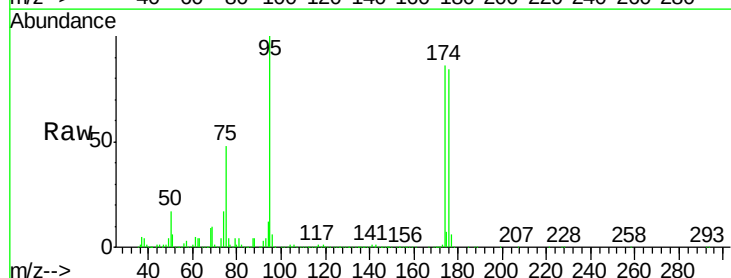
Tgt Ion: 95 Resp: 432371

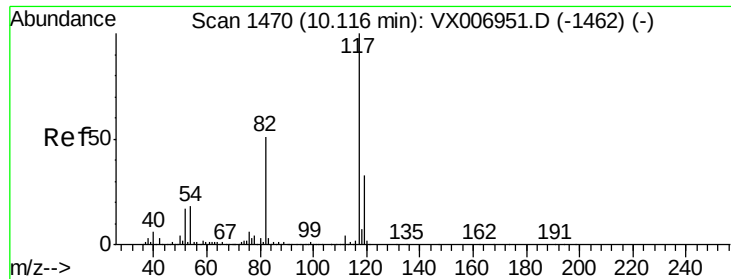
Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.2

176 90.0 0.0 178.8

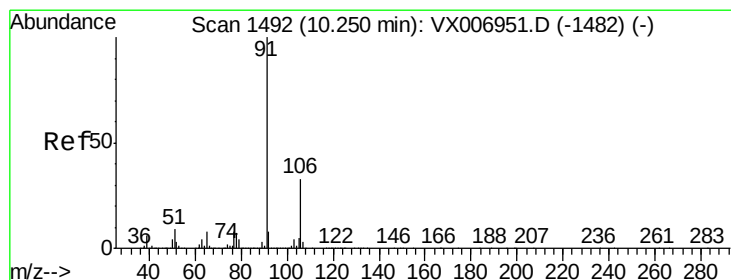
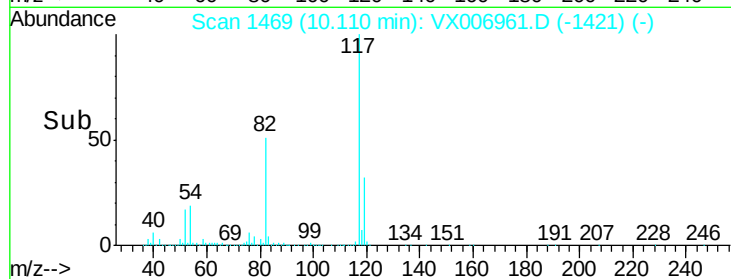
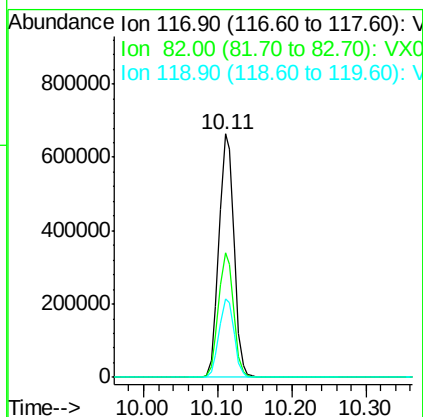
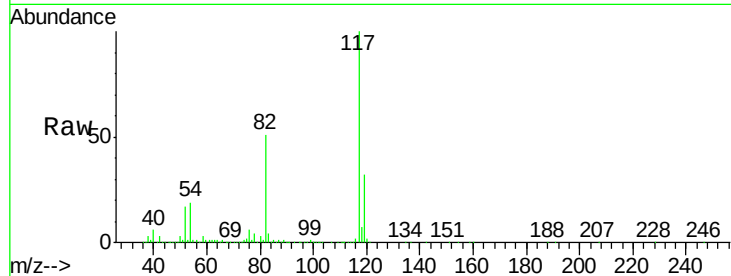




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

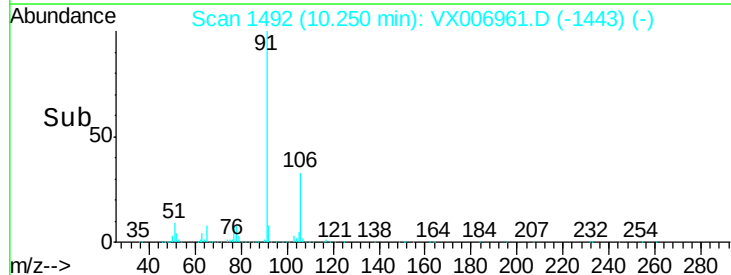
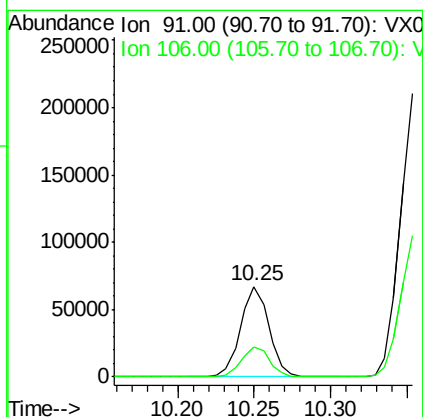
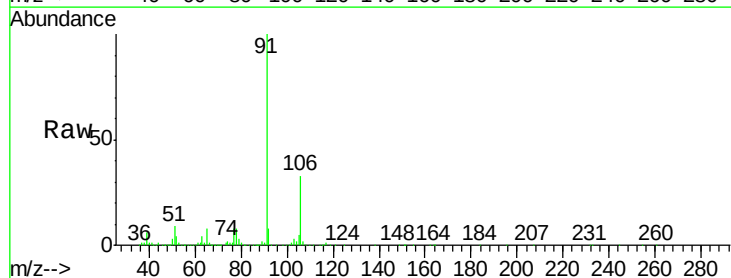
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

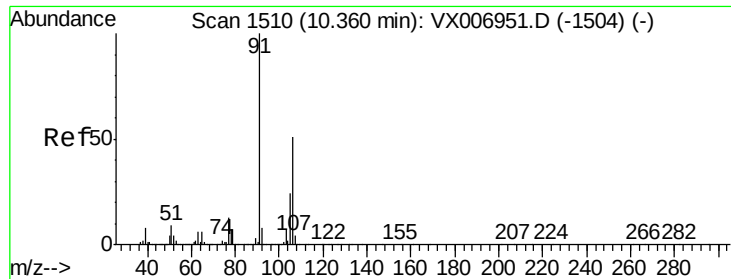
Tot Ion:117 Resp: 923413
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.6
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 2.610 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion: 91 Resp: 86778
Ion Ratio Lower Upper
91 100
106 33.0 26.4 39.6

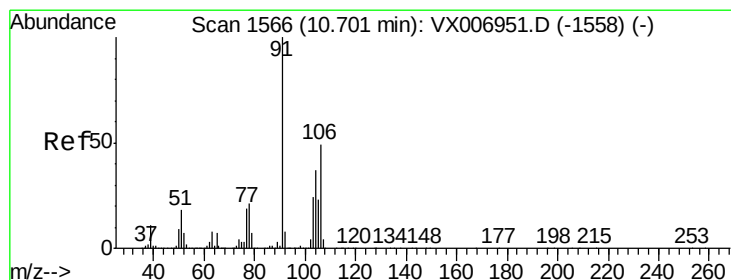
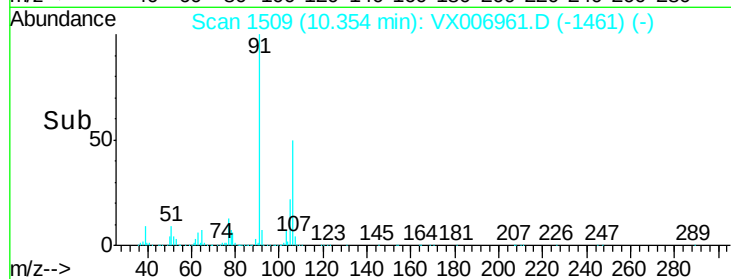
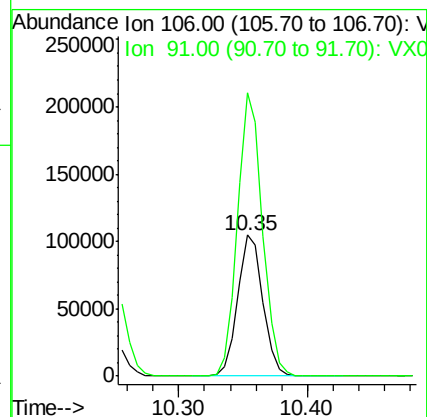
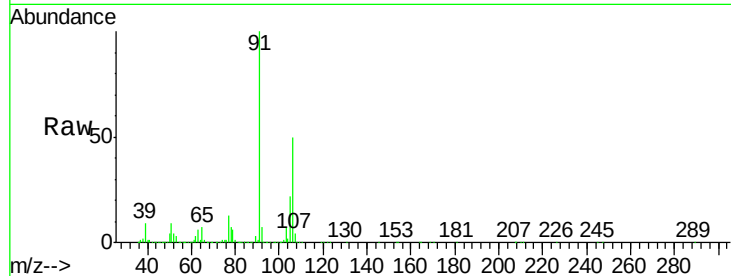




#68
m/p-Xylenes
Concen: 10.915 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

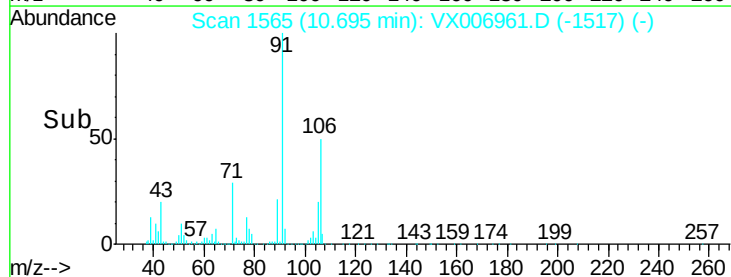
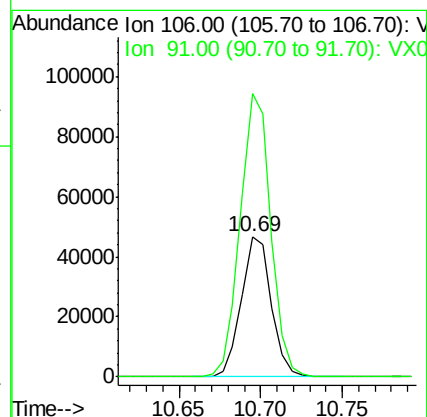
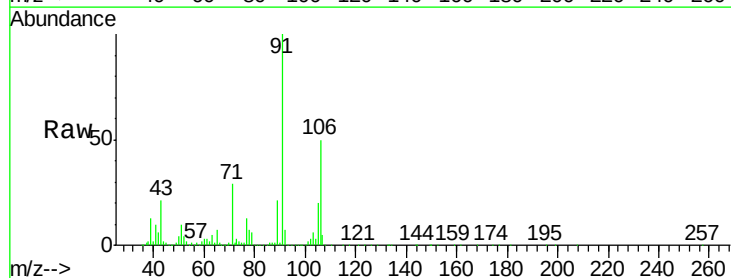
Instrument :
MSVOA_X
ClientSampleId :
SP-1-1

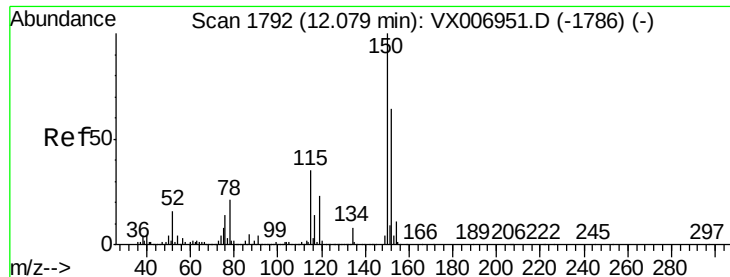
Tot Ion:106 Resp: 142987
Ion Ratio Lower Upper
106 100
91 197.9 155.8 233.6



#69
o-Xylene
Concen: 4.696 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion:106 Resp: 59995
Ion Ratio Lower Upper
106 100
91 205.7 101.3 303.7



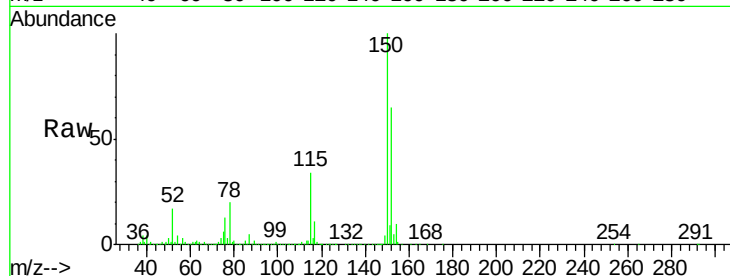


#72

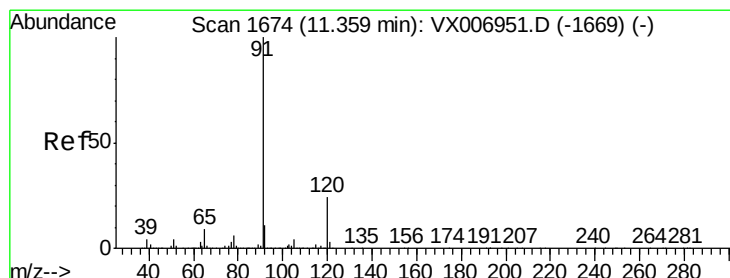
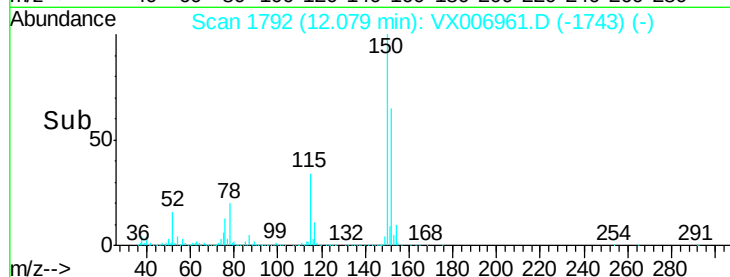
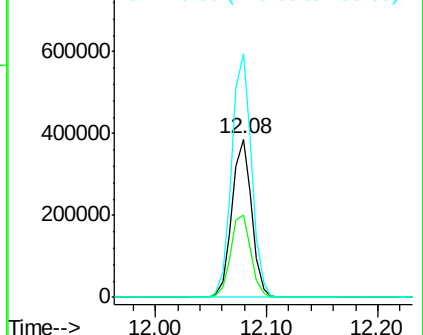
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Instrument :
MSVOA_X
ClientSampleId :
SP-1-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.4	39.1	117.2
150	155.4	0.0	344.8



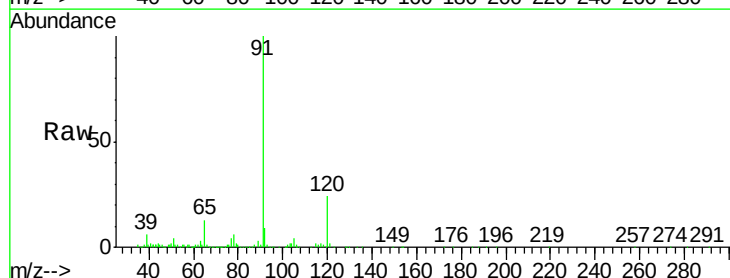
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



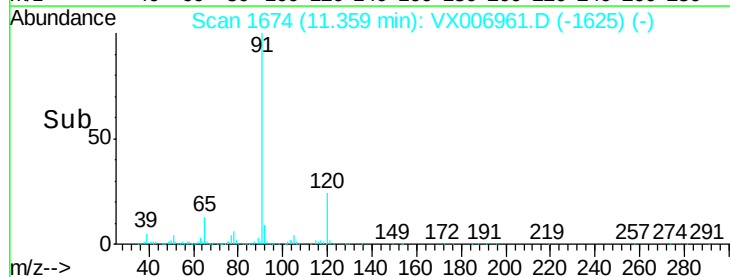
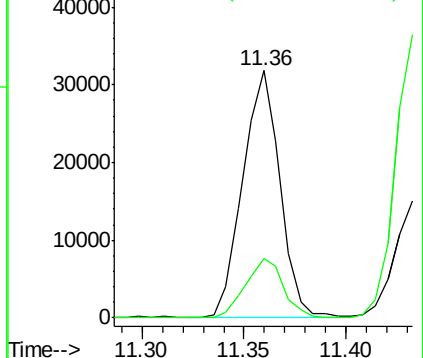
#78

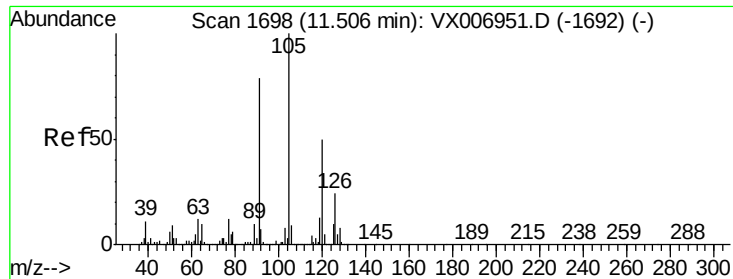
n-propylbenzene
Concen: 1.107 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.7	38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

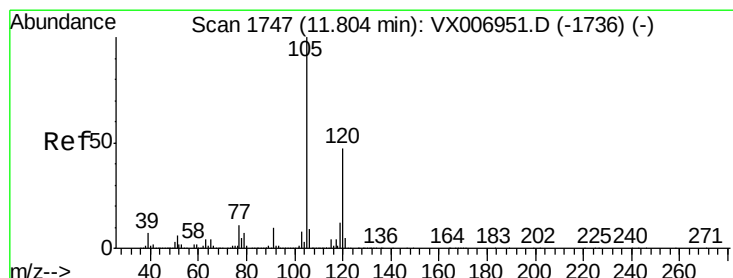
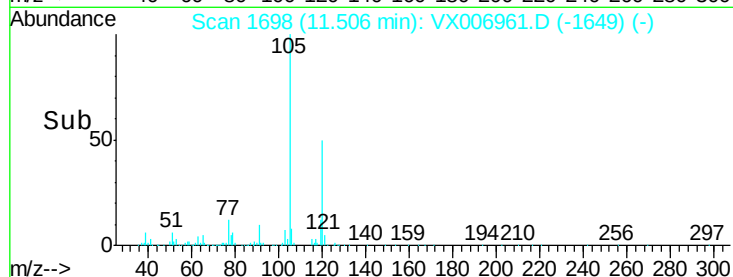
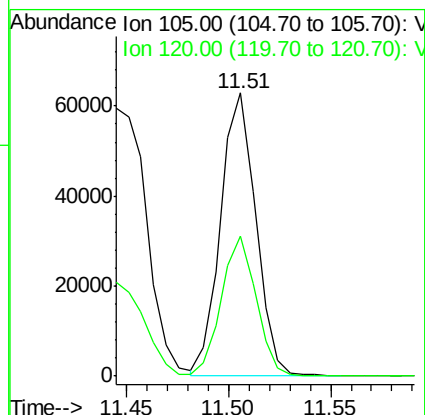
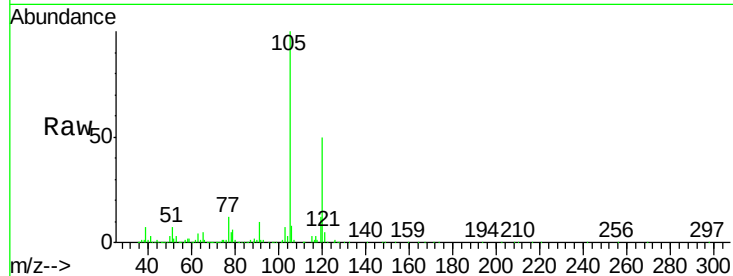




#80
 1,3,5-Trimethylbenzene
 Concen: 2.695 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006961.D
 Acq: 09 Jan 2019 13:26

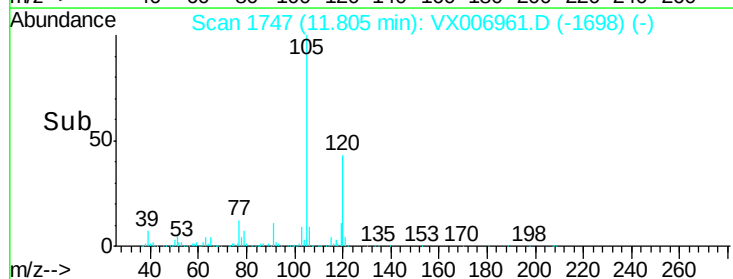
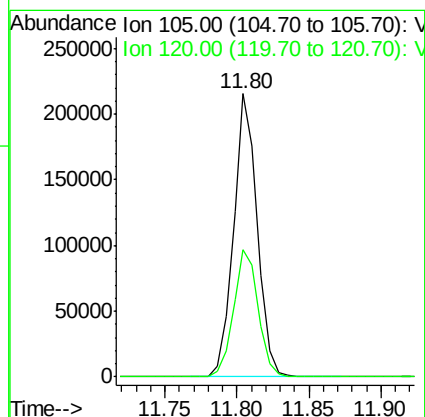
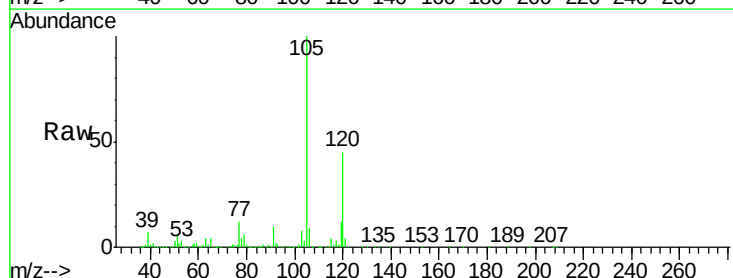
Instrument :
 MSVOA_X
 ClientSampled :
 SP-1-1

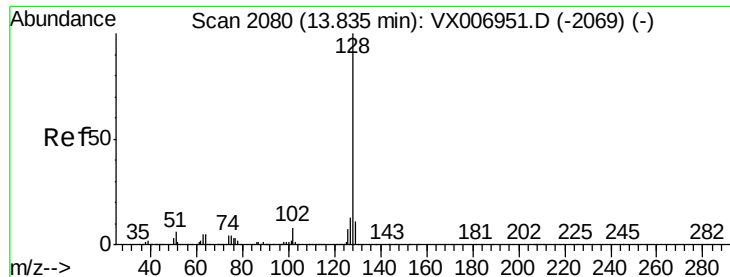
Tot Ion:105 Resp: 74811
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.1 75.3



#84
 1,2,4-Trimethylbenzene
 Concen: 8.864 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006961.D
 Acq: 09 Jan 2019 13:26

Tgt Ion:105 Resp: 247458
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.6

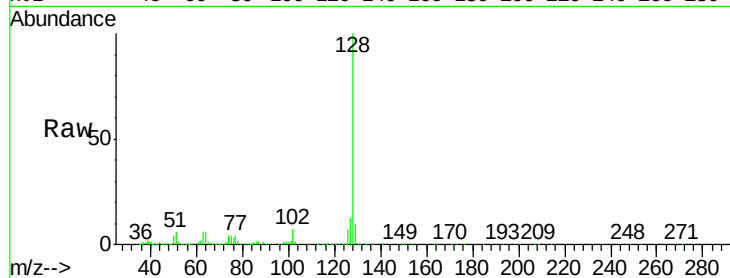




#95
Naphthalene
Concen: 2.661 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006961.D
Acq: 09 Jan 2019 13:26

Instrument :
MSVOA_X
ClientSampleId :
SP-1-1

Tot Ion:128 Resp: 90343
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 11.3 8.6 13.0



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

