

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007318.D
 Acq On : 30 Jan 2019 16:44
 Operator : JC/SP
 Sample : K1282-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4

Quant Time: Jan 31 04:15:47 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	5.67	168	496784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	767438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	752908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	270665	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.51	113	243723	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	950885	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.13	95	345406	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

Target Compounds

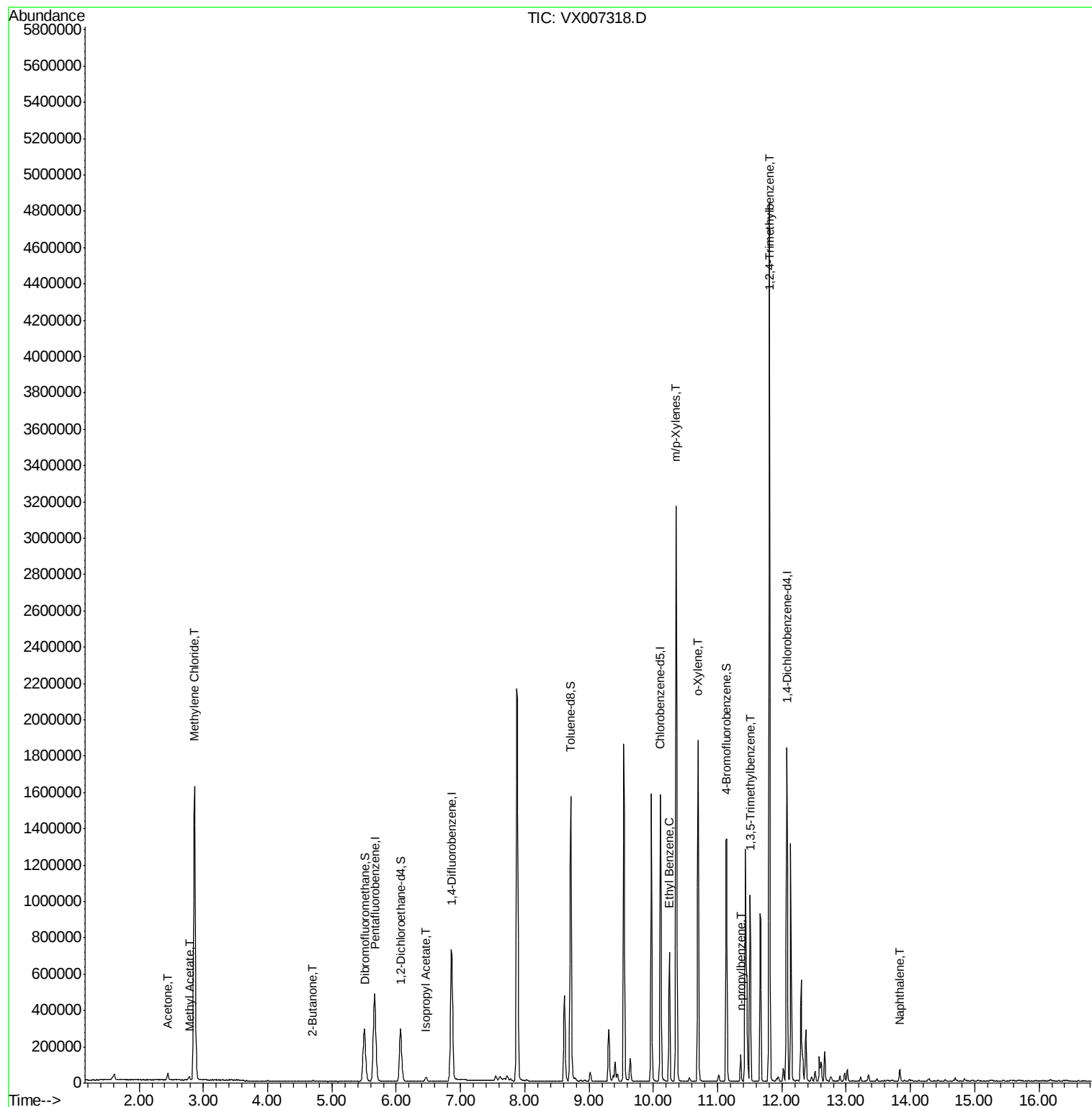
						Qvalue
16) Acetone	2.45	43	36011	14.030	ug/l	99
18) Methyl Acetate	2.78	43	22998	3.094	ug/l	97
20) Methylene Chloride	2.86	84	757968	156.468	ug/l	95
25) 2-Butanone	4.70	43	8026	2.185	ug/l	93
43) Isopropyl Acetate	6.46	43	30145	2.672	ug/l	98
67) Ethyl Benzene	10.25	91	402597	14.851	ug/l	98
68) m/p-Xylenes	10.36	106	788409	73.816	ug/l	99
69) o-Xylene	10.69	106	403779	38.764	ug/l	97
78) n-propylbenzene	11.36	91	90868	3.090	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	433428	19.366	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	2104007	93.486	ug/l	100
95) Naphthalene	13.83	128	40346	1.474	ug/l	98

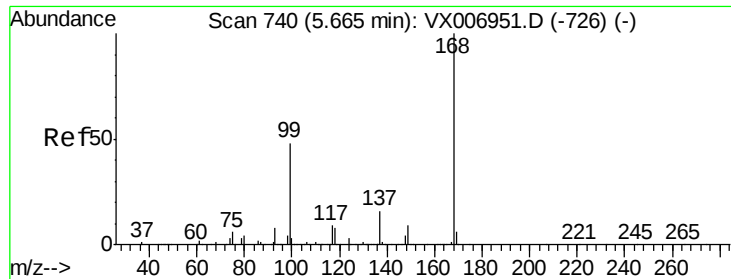
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

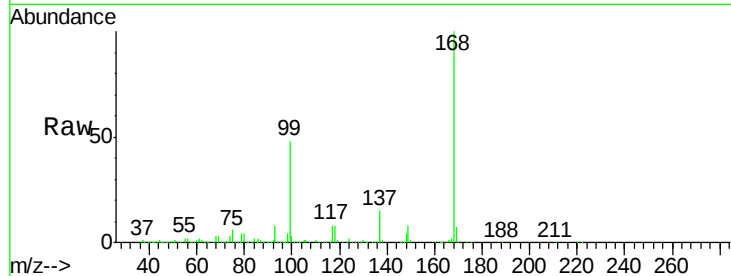
TP-4

Tot Ion:168 Resp: 496784

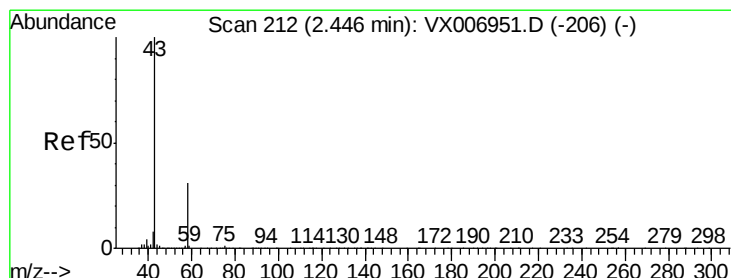
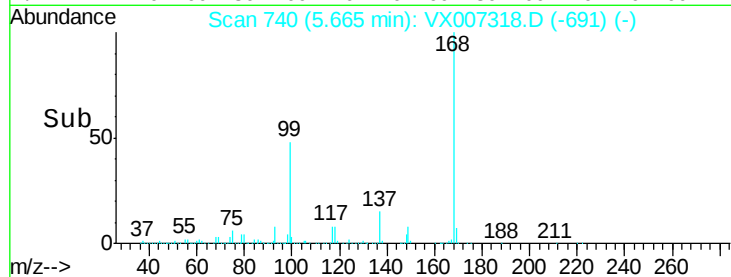
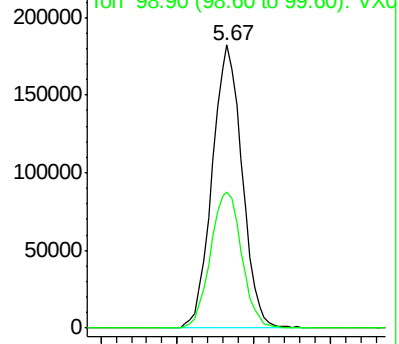
Ion Ratio Lower Upper

168 100

99 48.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 14.030 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007318.D

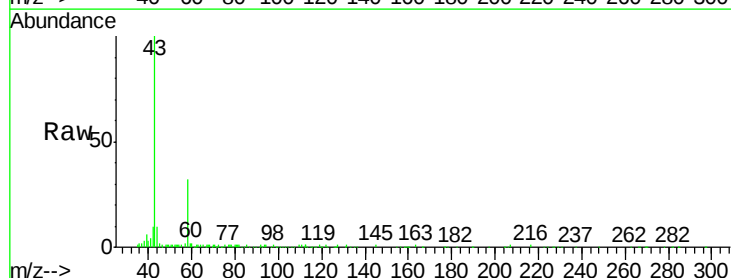
Acq: 30 Jan 2019 16:44

Tgt Ion: 43 Resp: 36011

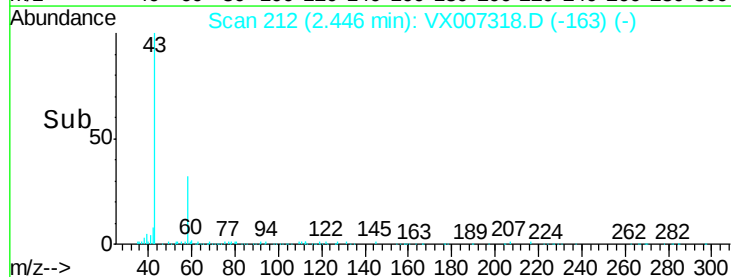
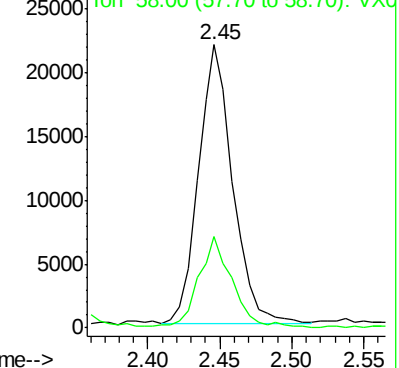
Ion Ratio Lower Upper

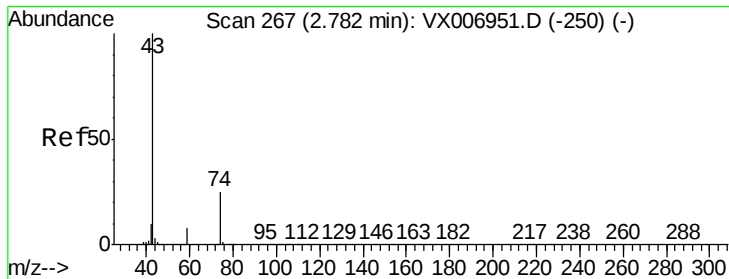
43 100

58 32.1 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

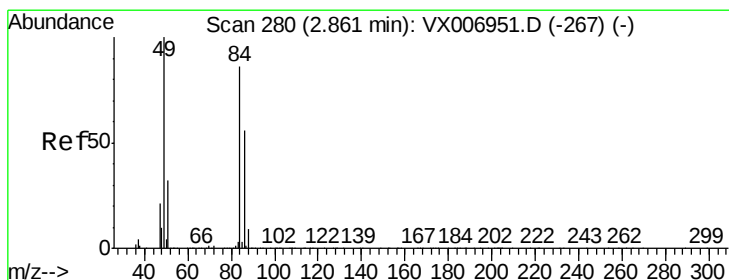
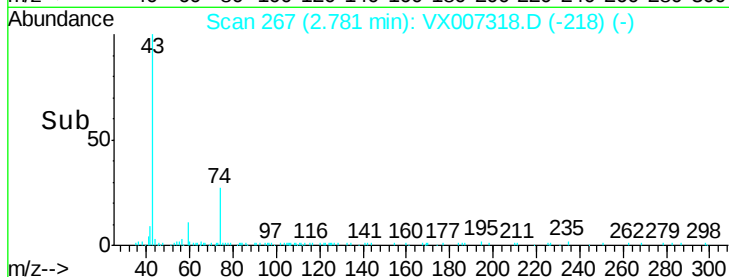
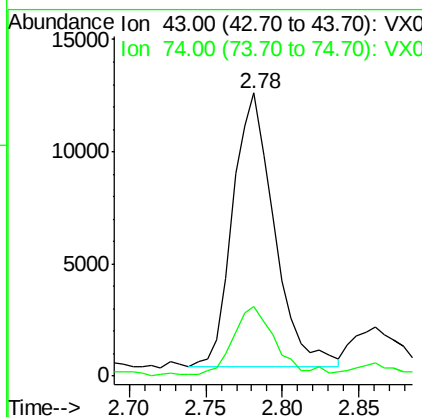
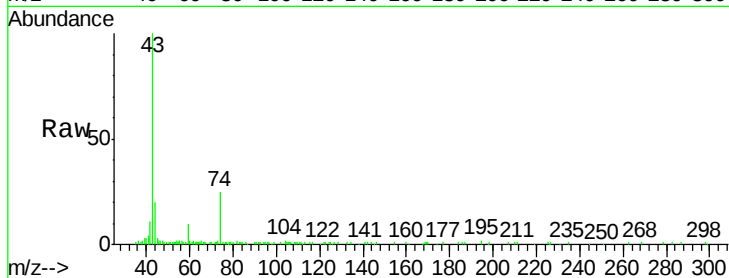




#18
Methyl Acetate
Concen: 3.094 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

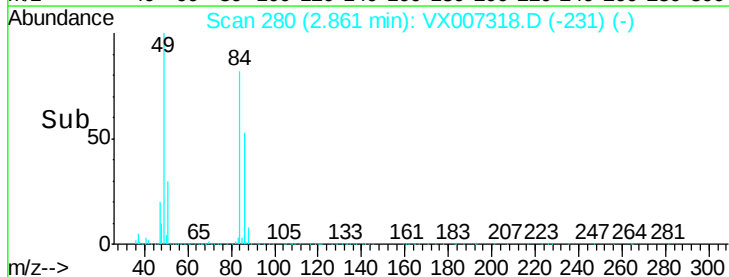
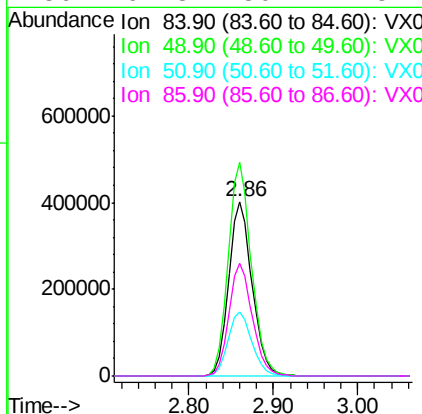
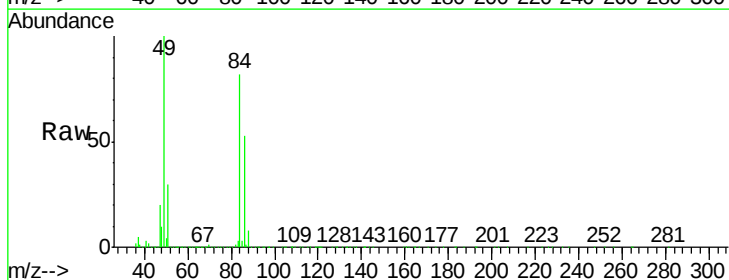
Instrument :
MSVOA_X
ClientSampled :
TP-4

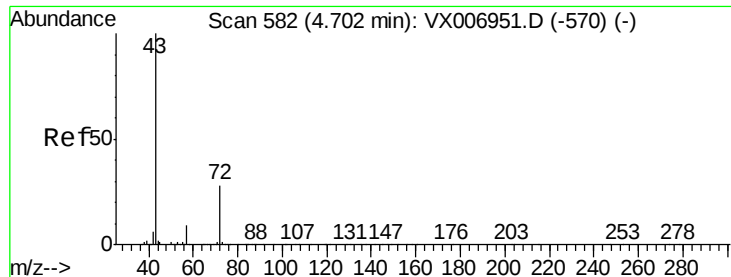
Tot Ion: 43 Resp: 22998
Ion Ratio Lower Upper
43 100
74 24.6 18.6 28.0



#20
Methylene Chloride
Concen: 156.468 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

Tgt Ion: 84 Resp: 757968
Ion Ratio Lower Upper
84 100
49 122.5 91.8 137.6
51 37.0 28.5 42.7
86 64.8 50.2 75.2





#25

2-Butanone

Concen: 2.185 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

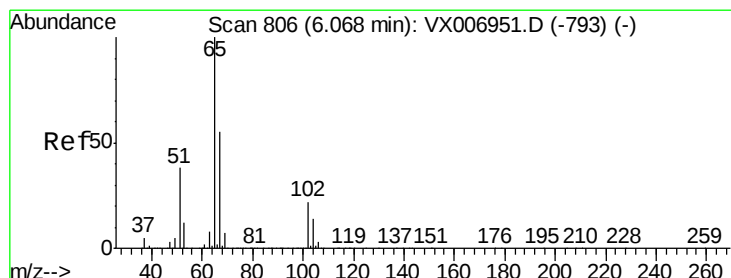
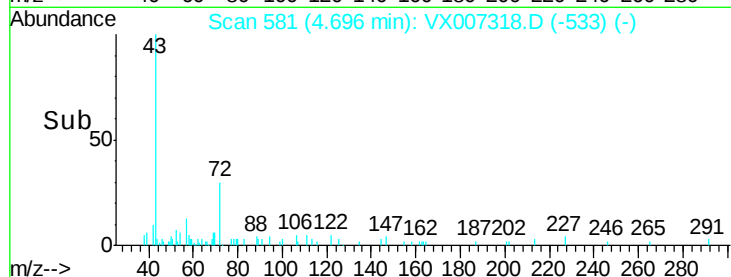
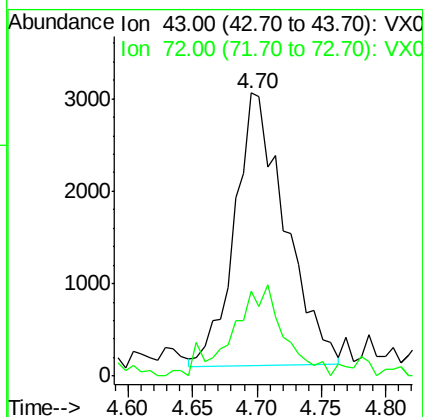
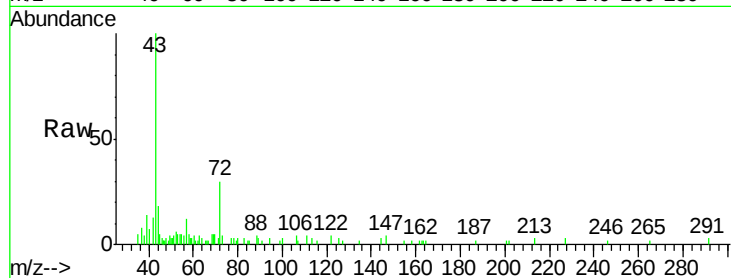
TP-4

Tot Ion: 43 Resp: 8026

Ion Ratio Lower Upper

43 100

72 31.8 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 52.133 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007318.D

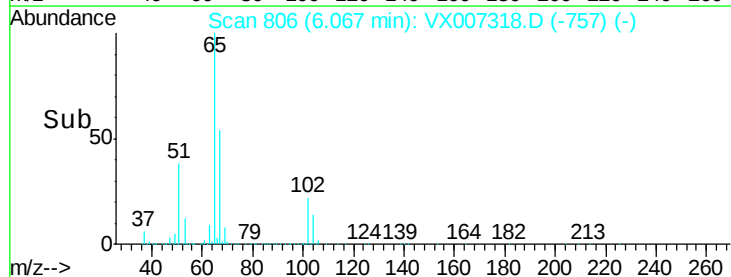
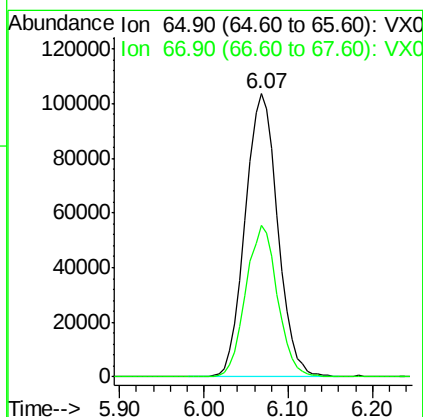
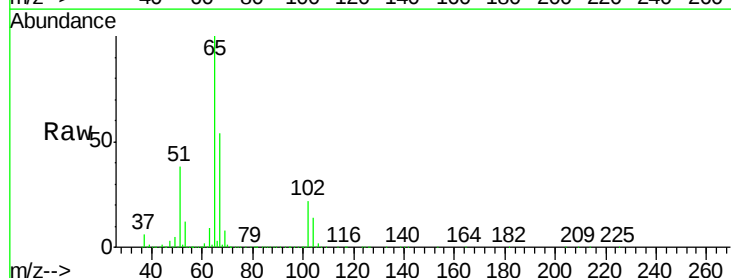
Acq: 30 Jan 2019 16:44

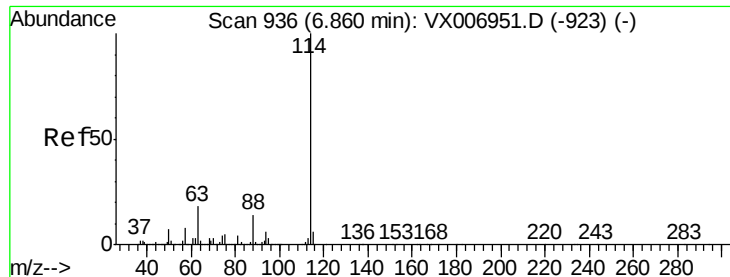
Tgt Ion: 65 Resp: 270665

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

TP-4

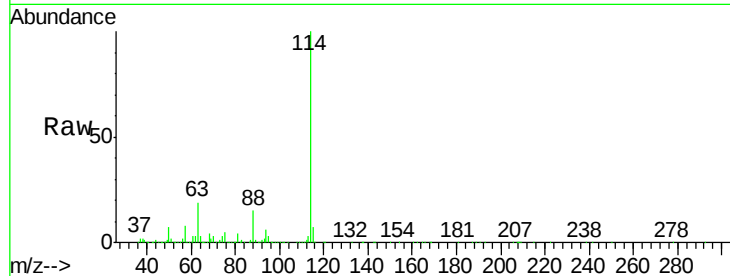
Tot Ion:114 Resp: 767438

Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.8

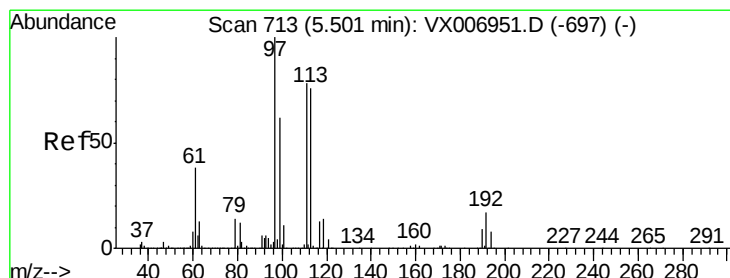
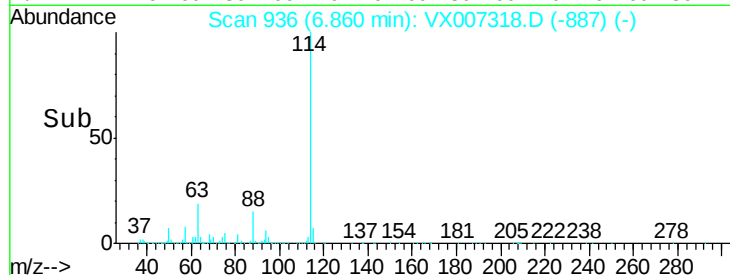
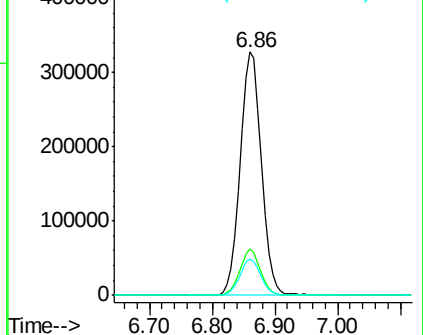
88 15.1 0.0 28.8



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: 49.591 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

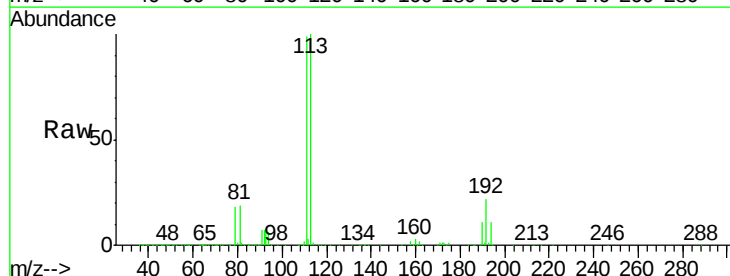
Tgt Ion:113 Resp: 243723

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

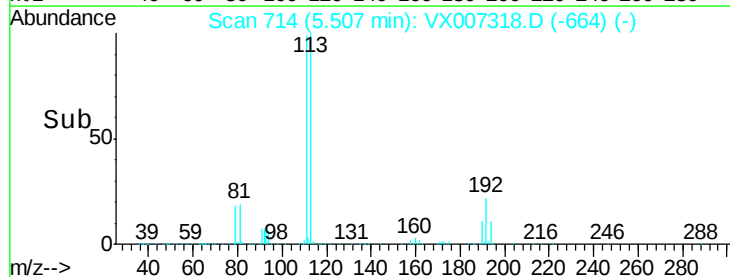
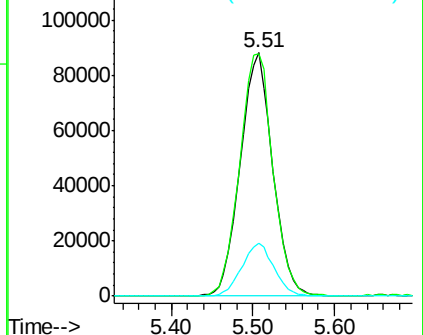
192 21.6 16.7 25.1

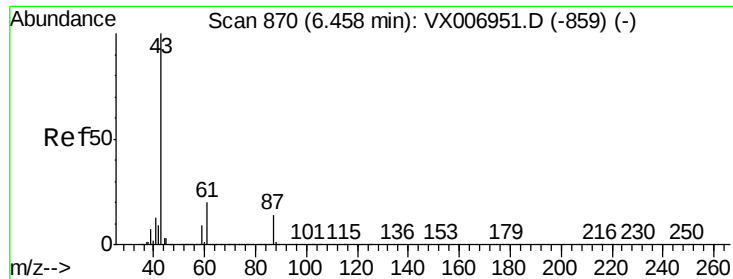


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



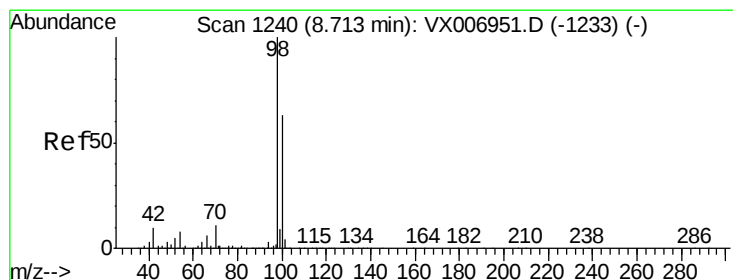
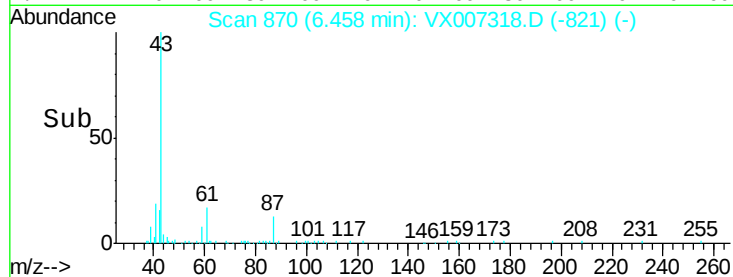
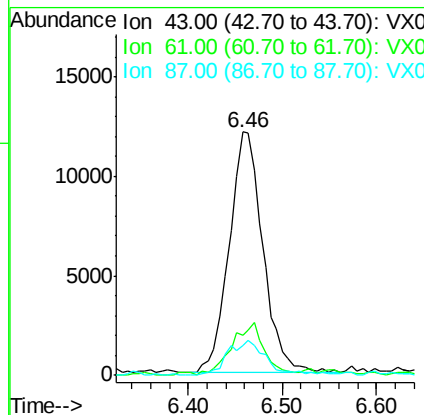
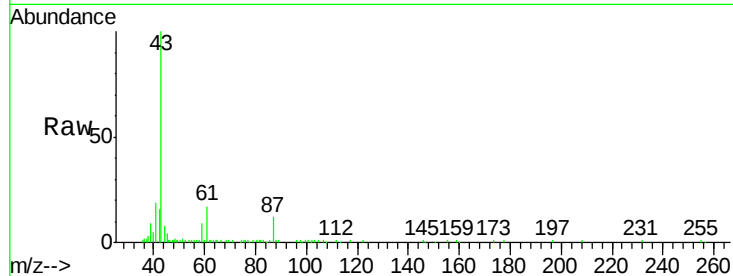


#43

Isopropyl Acetate
 Concen: 2.672 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007318.D
 Acq: 30 Jan 2019 16:44

Instrument :
 MSVOA_X
 ClientSampled :
 TP-4

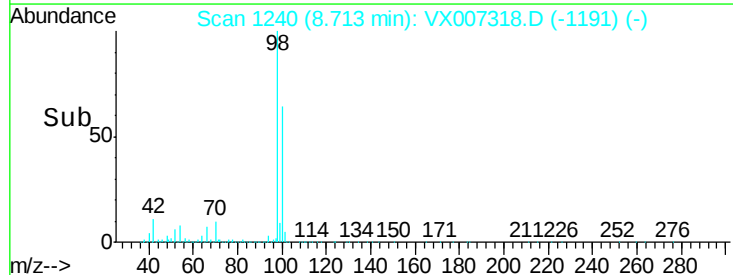
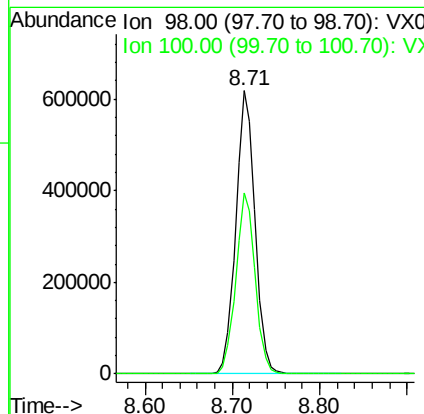
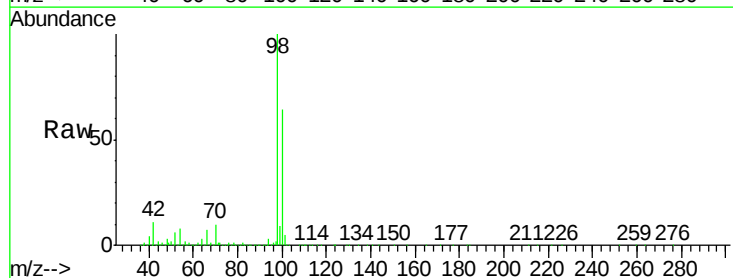
Tot Ion	43	Resp	30145
Ion Ratio	Lower	Upper	
43	100		
61	21.3	16.8	25.2
87	16.7	12.4	18.6

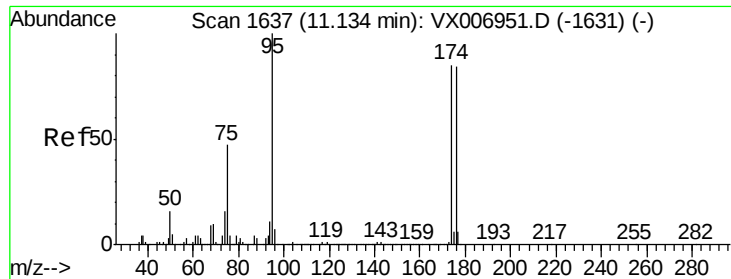


#50

Toluene-d8
 Concen: 52.859 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007318.D
 Acq: 30 Jan 2019 16:44

Tgt Ion	98	Resp	950885
Ion Ratio	Lower	Upper	
98	100		
100	64.2	52.0	78.0

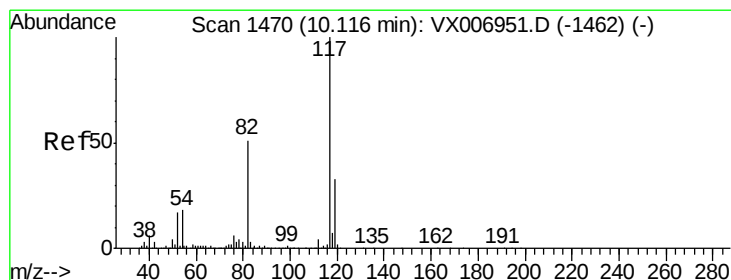
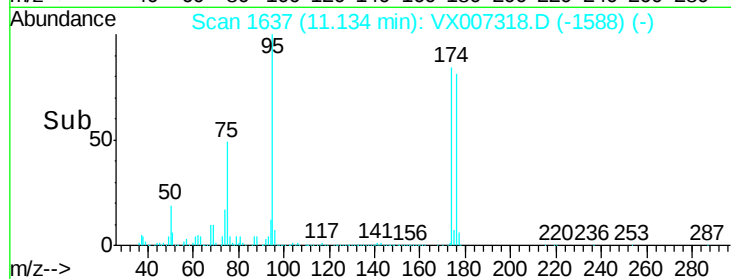
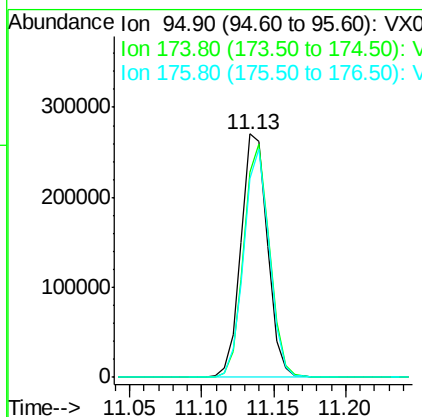
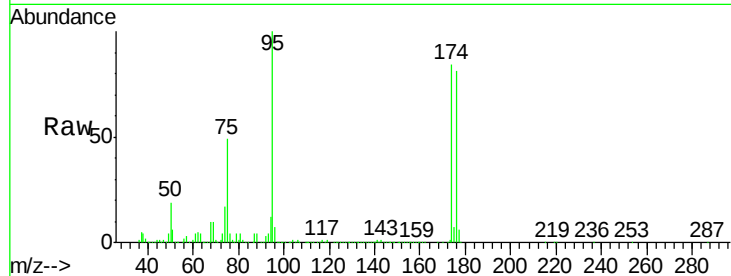




#62
4-Bromofluorobenzene
Concen: 55.076 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

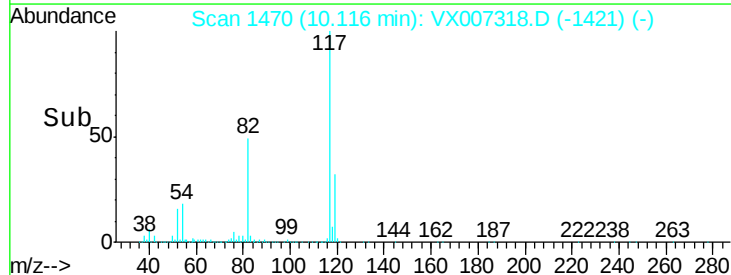
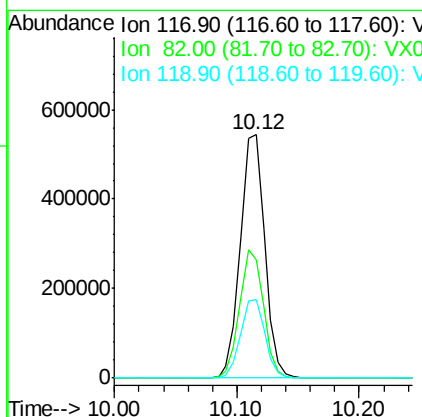
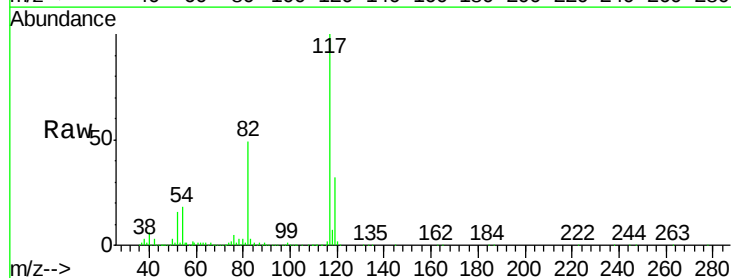
Instrument :
MSVOA_X
ClientSampled :
TP-4

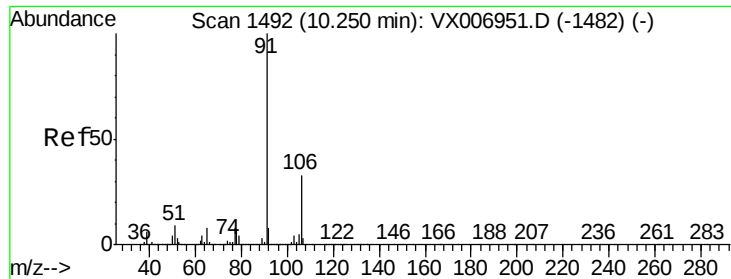
Tot Ion: 95 Resp: 345406
Ion Ratio Lower Upper
95 100
174 93.0 0.0 182.2
176 90.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

Tgt Ion: 117 Resp: 752908
Ion Ratio Lower Upper
117 100
82 48.5 41.0 61.6
119 32.1 25.4 38.0





#67

Ethyl Benzene

Concen: 14.851 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

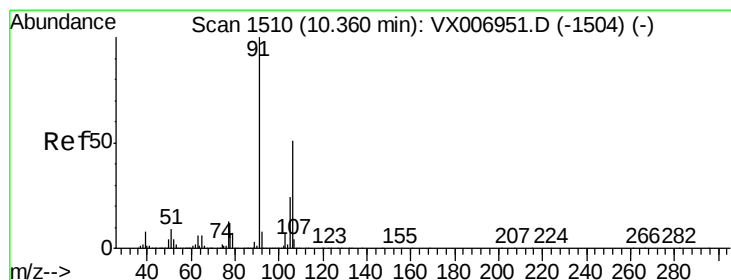
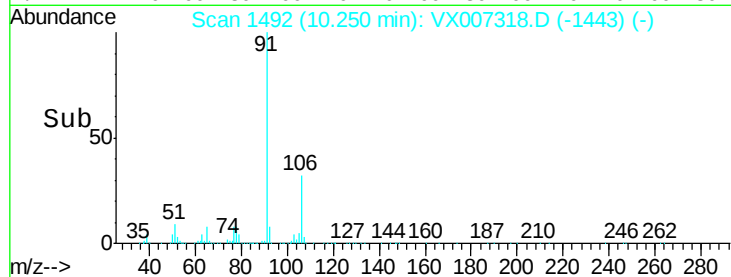
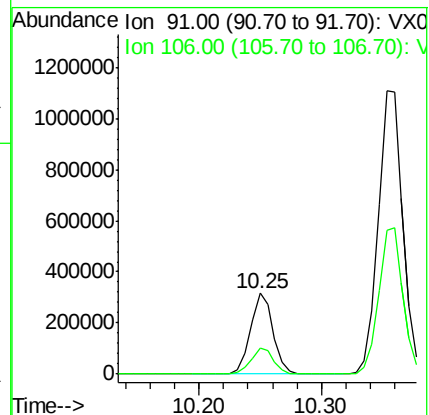
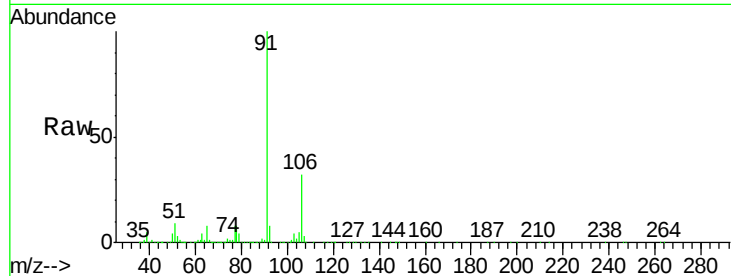
TP-4

Tot Ion: 91 Resp: 402597

Ion Ratio Lower Upper

91 100

106 32.1 26.4 39.6



#68

m/p-Xylenes

Concen: 73.816 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007318.D

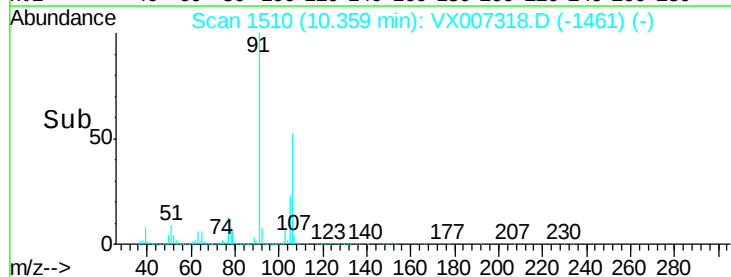
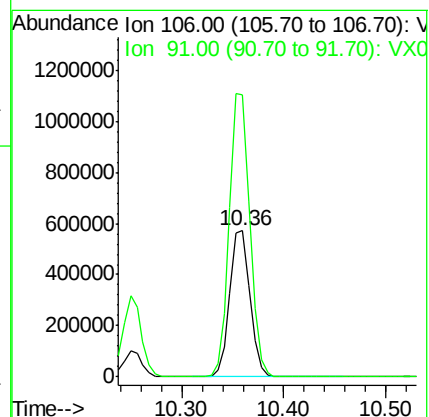
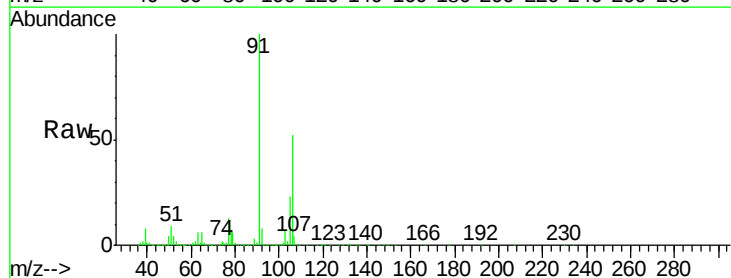
Acq: 30 Jan 2019 16:44

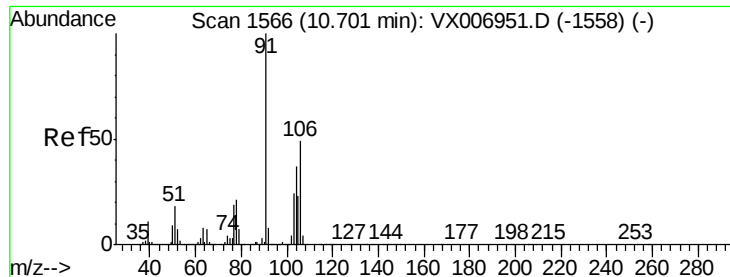
Tgt Ion: 106 Resp: 788409

Ion Ratio Lower Upper

106 100

91 195.9 155.8 233.6

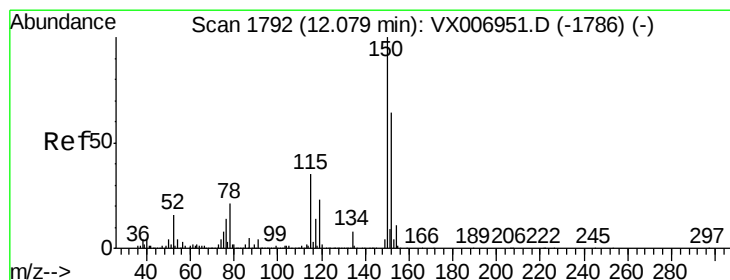
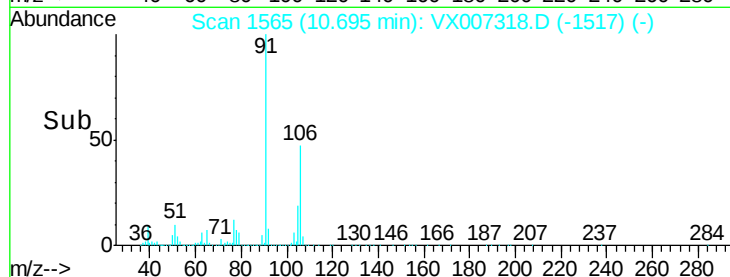
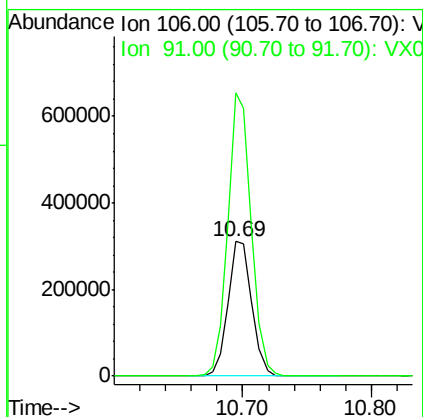
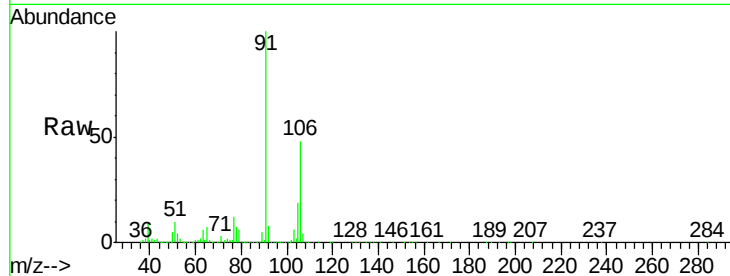




#69
o-Xylene
Concen: 38.764 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

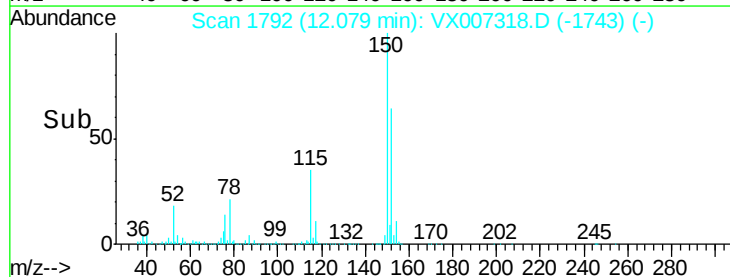
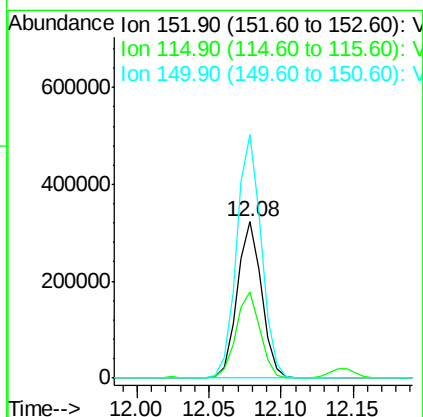
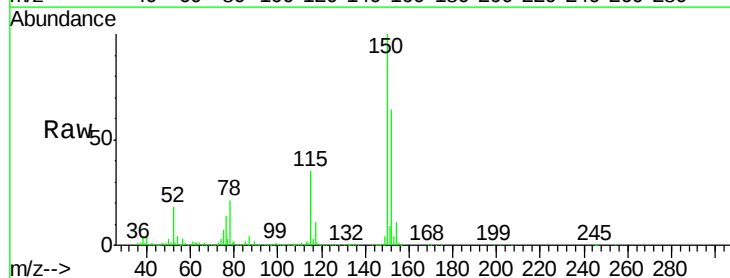
Instrument :
MSVOA_X
ClientSampled :
TP-4

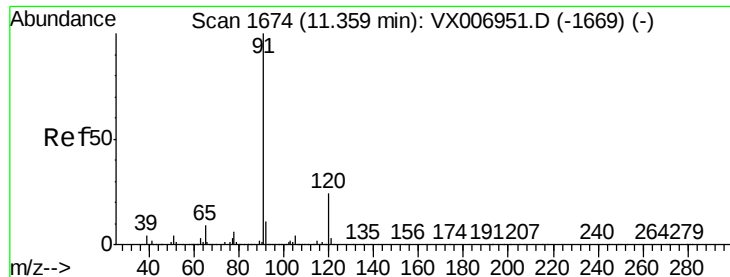
Tot Ion:106 Resp: 403779
Ion Ratio Lower Upper
106 100
91 206.6 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

Tgt Ion:152 Resp: 379857
Ion Ratio Lower Upper
152 100
115 54.7 39.1 117.2
150 158.0 0.0 344.8





#78

n-propylbenzene

Concen: 3.090 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

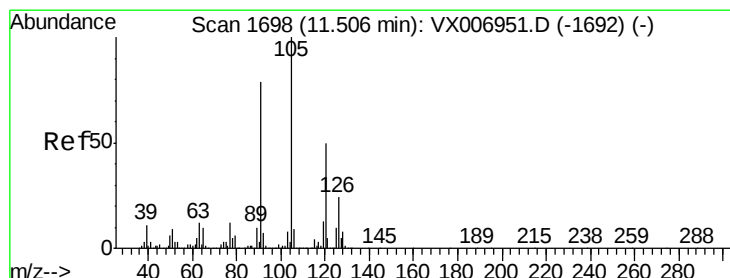
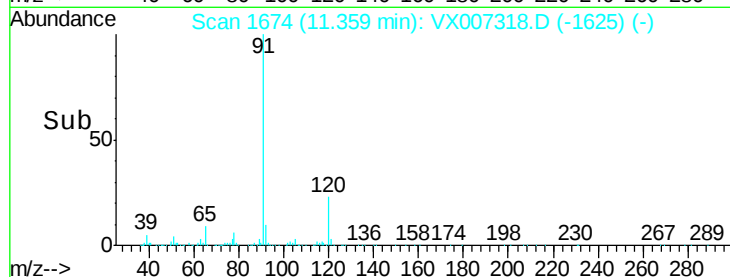
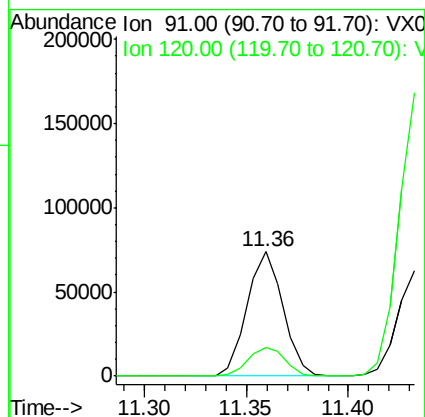
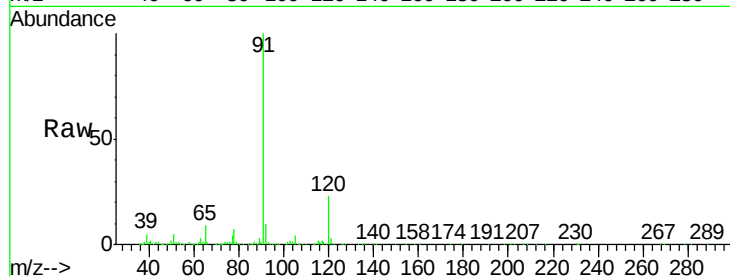
TP-4

Tot Ion: 91 Resp: 90868

Ion Ratio Lower Upper

91 100

120 24.1 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 19.366 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007318.D

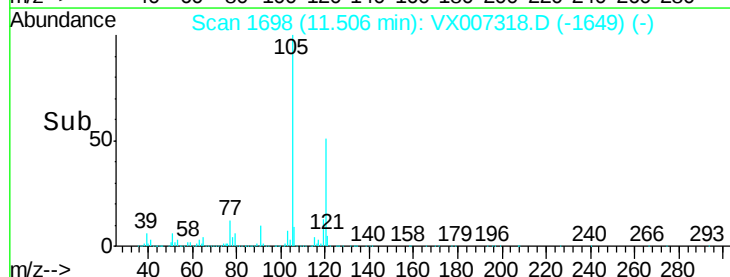
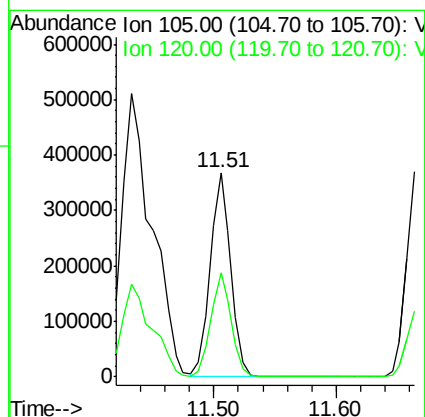
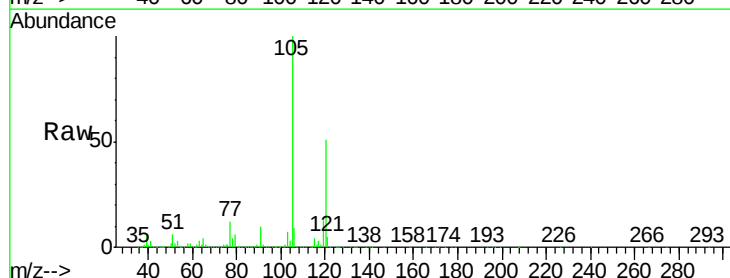
Acq: 30 Jan 2019 16:44

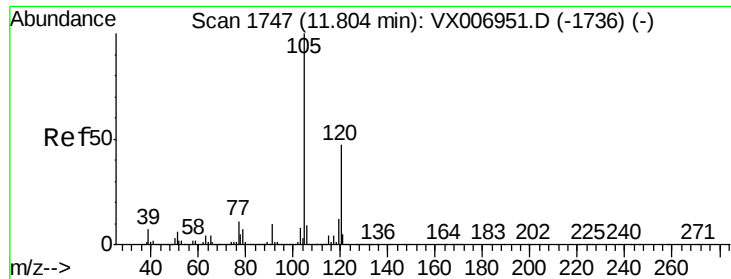
Tgt Ion: 105 Resp: 433428

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3





#84

1,2,4-Trimethylbenzene

Concen: 93.486 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

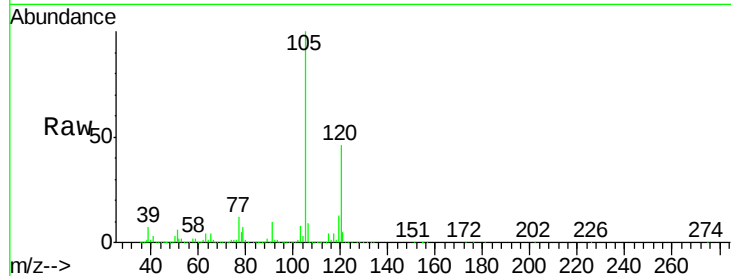
TP-4

Tot Ion:105 Resp: 2104007

Ion Ratio Lower Upper

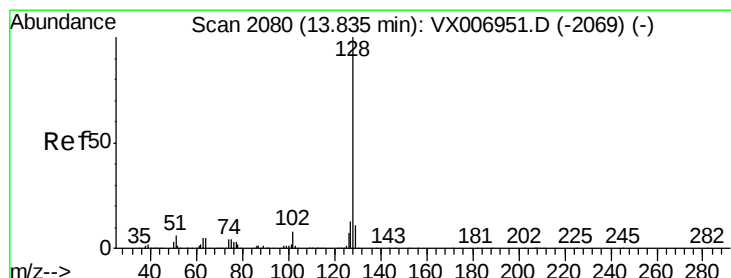
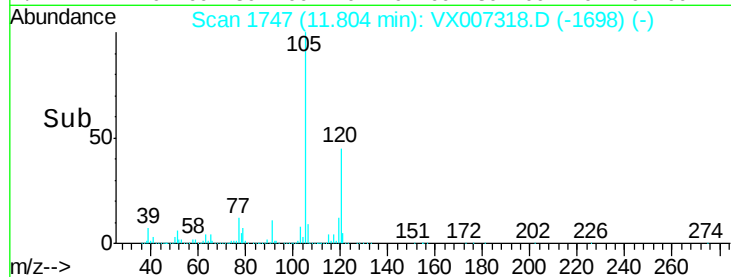
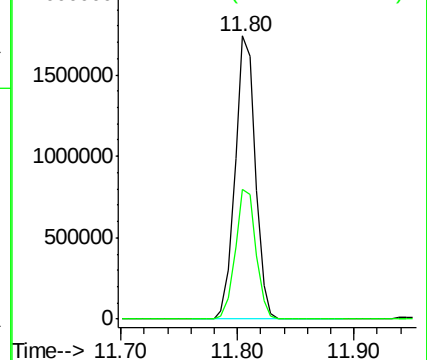
105 100

120 46.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.474 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

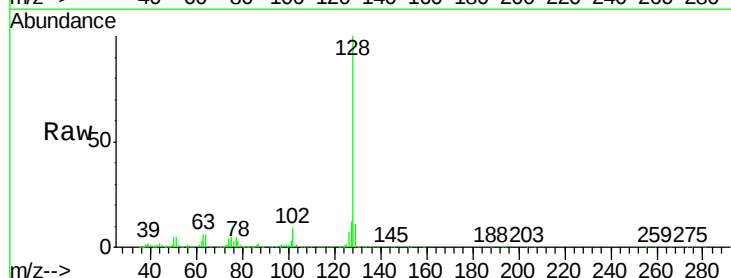
Tgt Ion:128 Resp: 40346

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.7 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

