

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 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 00:24:49 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	
11) Tert butyl alcohol	3.03	59	702	0.573	ug/l	# 1
13) Acrolein	2.31	56	739	4.466	ug/l	# 13
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
29) Tetrahydrofuran	5.16	42	2561	1.073	ug/l	# 78
36) 1,1-Dichloropropene	5.67	75	31458	4.715	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	44688	6.657	ug/l	# 15
43) Isopropyl Acetate	6.46	43	30145	2.672	ug/l	98
48) Methyl methacrylate	7.69	41	16953	2.926	ug/l	# 26
49) 1,4-Dioxane	7.76	88	48	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	155354	21.424	ug/l	# 49
52) Toluene	8.79	92	3965	0.303	ug/l	90
54) cis-1,3-Dichloropropene	8.62	75	76167	10.158	ug/l	# 65
57) 1,3-Dichloropropane	9.54	76	15317	1.785	ug/l	# 46
59) 2-Hexanone	9.54	43	198613	35.942	ug/l	# 51
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
70) Styrene	10.70	104	20943	1.269	ug/l	# 1
73) Isopropylbenzene	11.02	105	18250	0.681	ug/l	98
74) N-amyl acetate	10.69	43	17478	1.621	ug/l	# 51
76) 1,2,3-Trichloropropane	11.43	75	7703	1.001	ug/l	# 1
78) n-propylbenzene	11.36	91	90868	3.090	ug/l	98
79) 2-Chlorotoluene	11.43	91	105853	5.980	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.51	105	433428	19.366	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	165662	63.817	ug/l	# 10
82) 4-Chlorotoluene	11.51	91	44718	2.182	ug/l	# 42
83) tert-Butylbenzene	11.80	119	259944	11.641	ug/l	# 59
84) 1,2,4-Trimethylbenzene	11.80	105	2104007	93.486	ug/l	100
85) sec-Butylbenzene	11.80	105	2104007	78.895	ug/l	# 55
86) p-Isopropyltoluene	12.02	119	29320	1.229	ug/l	94
89) n-Butylbenzene	12.37	91	27070	1.331	ug/l	# 1

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QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

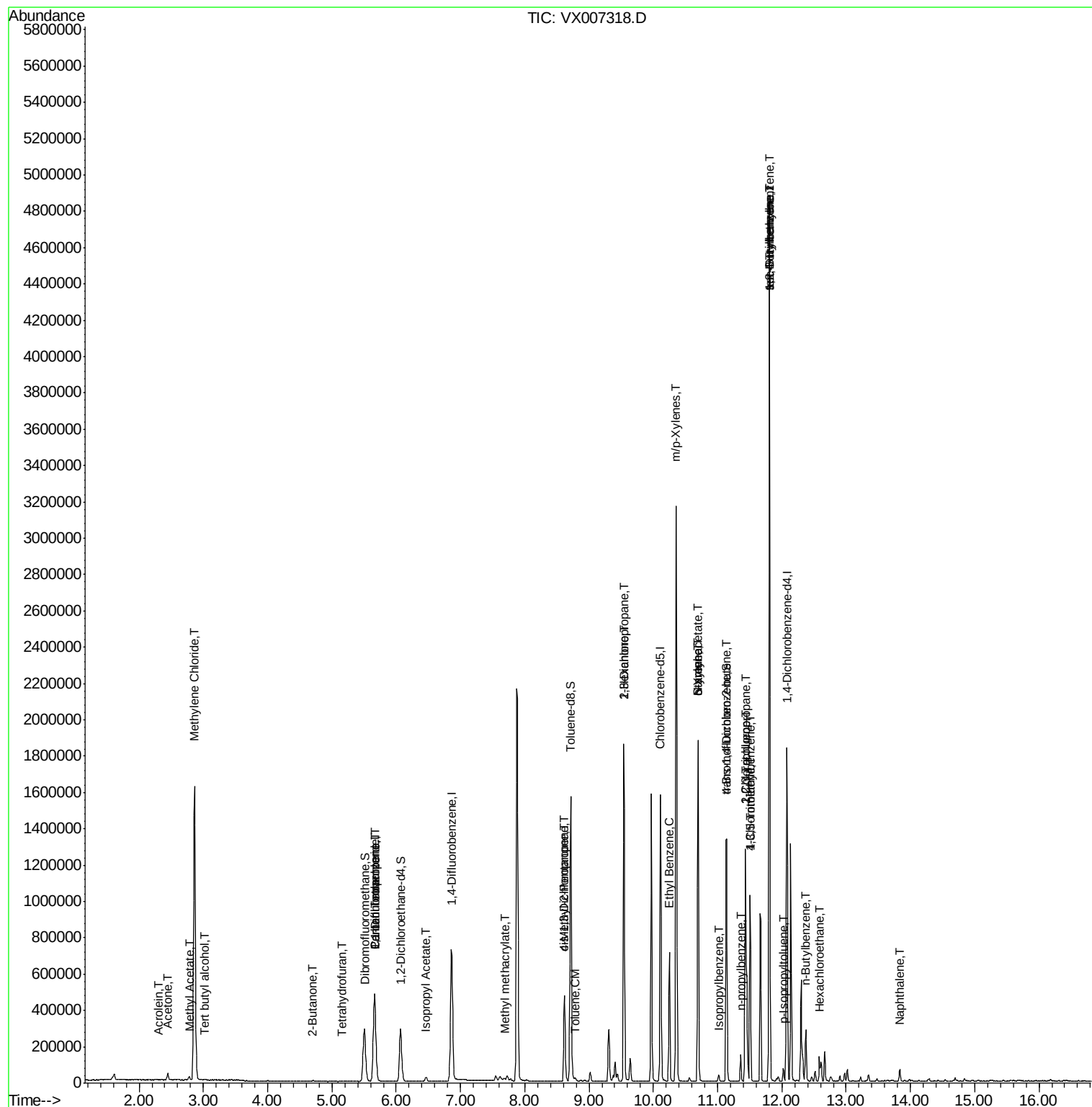
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	6832	4.598	ug/l #	6
95) Naphthalene	13.83	128	40346	1.474	ug/l	98

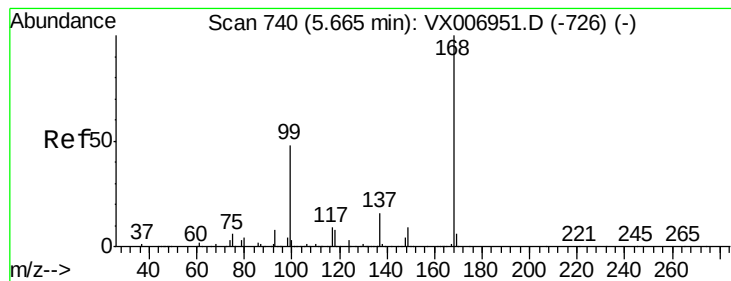
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX013019\
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#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

ClientSampled :

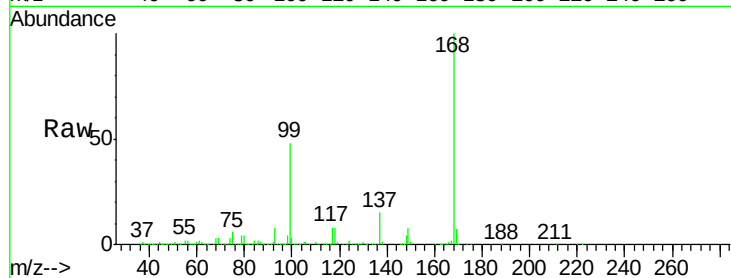
TP-4

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

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

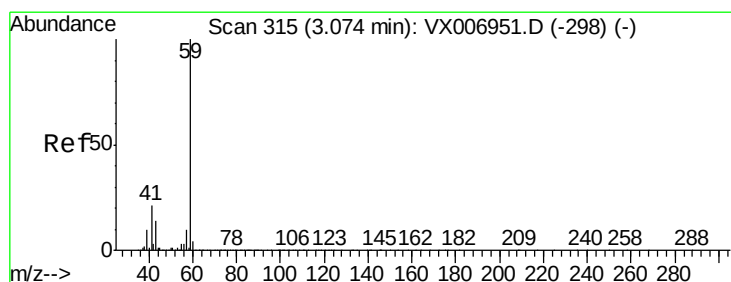
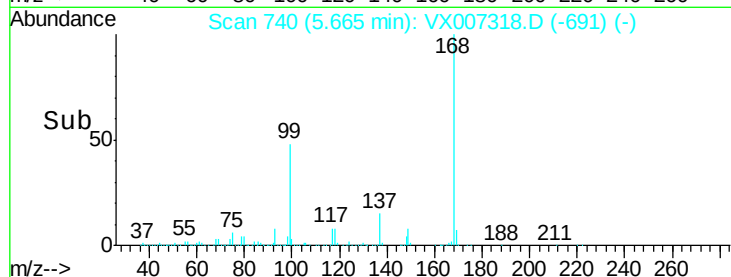
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.573 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007318.D

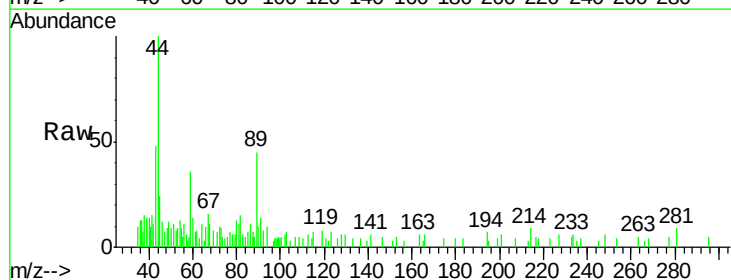
Acq: 30 Jan 2019 16:44

Tgt Ion: 59 Resp: 702

Ion Ratio Lower Upper

59 100

57 70.5 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

800

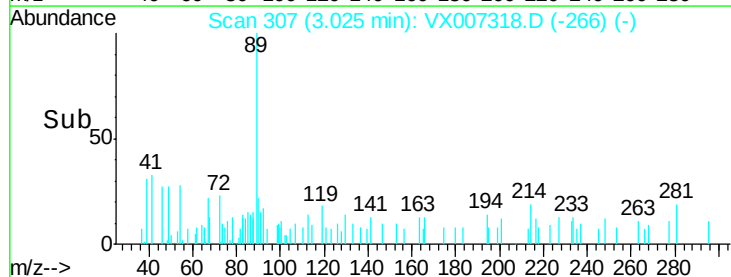
600

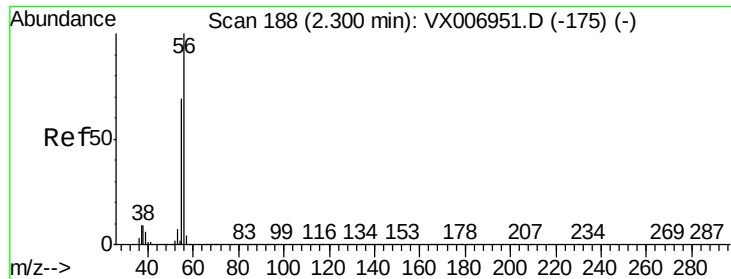
400

200

0

Time--> 2.98 3.00 3.02 3.04





#13

Acrolein

Concen: 4.466 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

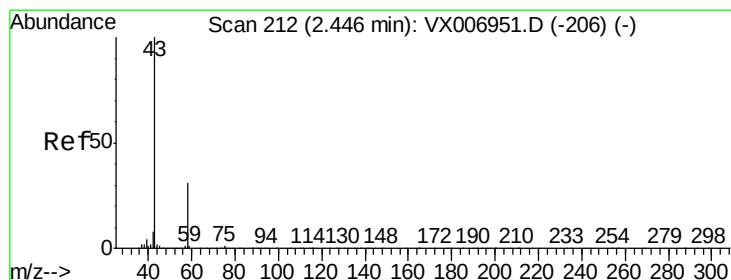
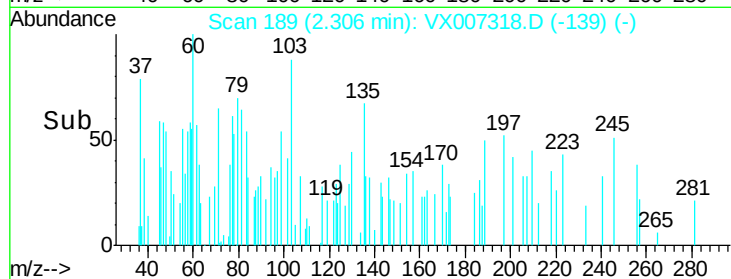
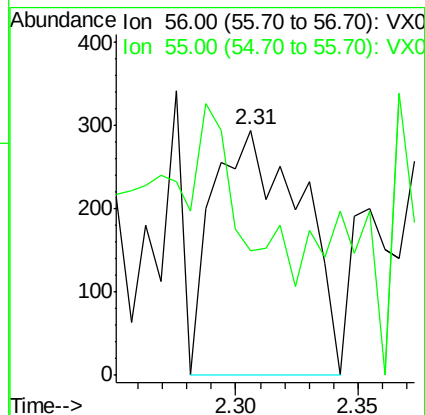
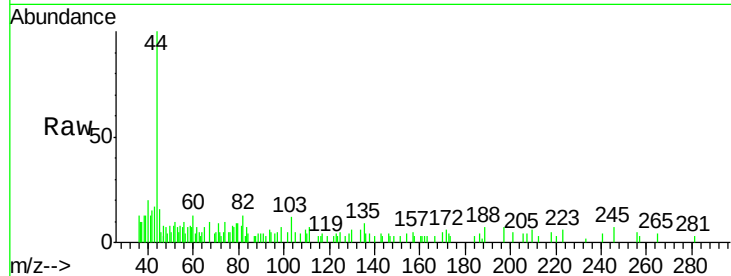
TP-4

Tot Ion: 56 Resp: 739

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#



#16

Acetone

Concen: 14.030 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007318.D

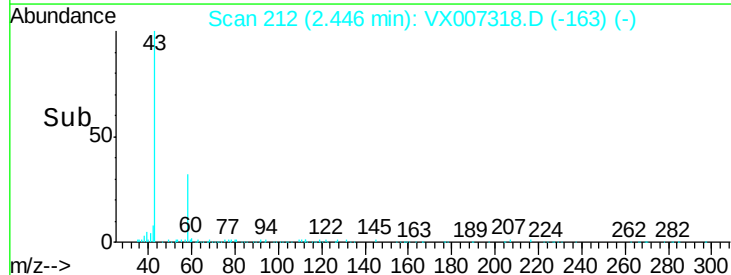
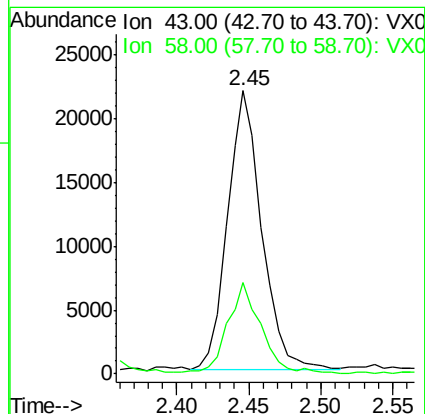
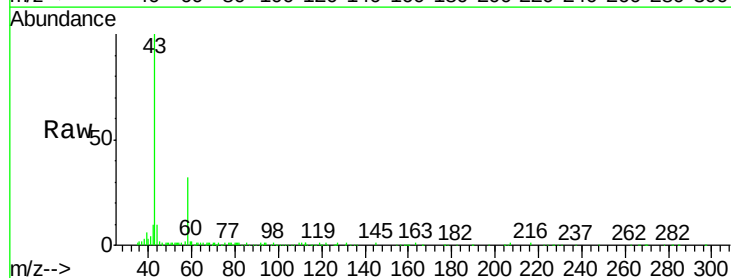
Acq: 30 Jan 2019 16:44

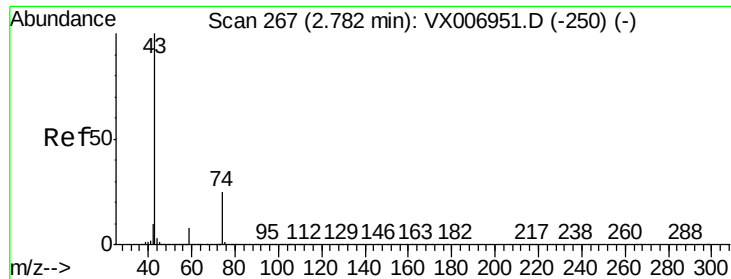
Tgt Ion: 43 Resp: 36011

Ion Ratio Lower Upper

43 100

58 32.1 25.0 37.6

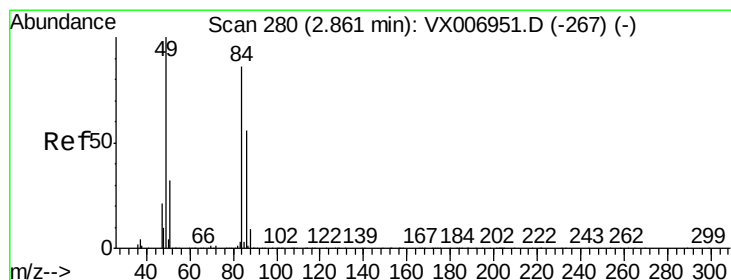
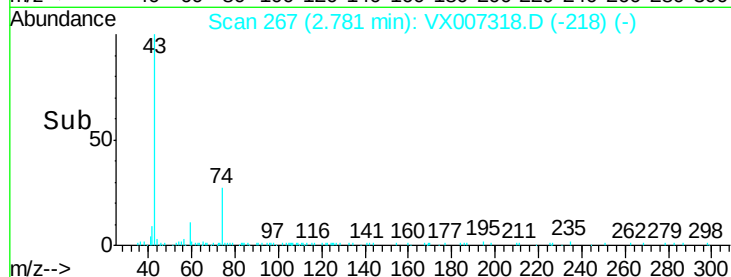
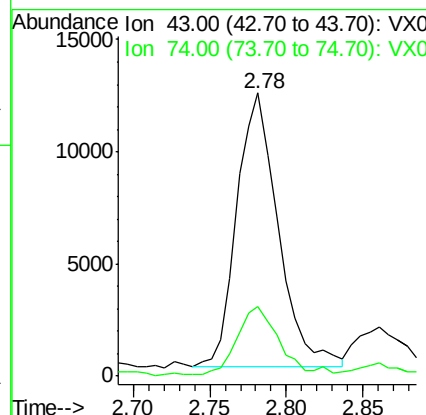
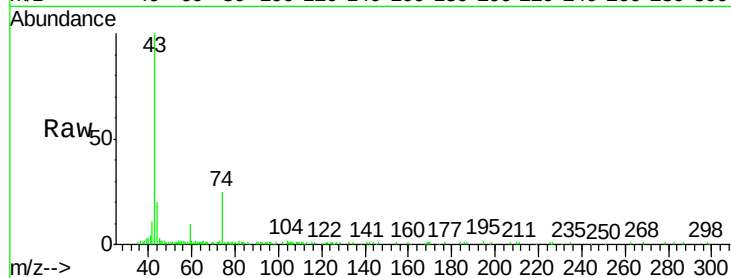




#18
Methyl Acetate
Concen: 3.094 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

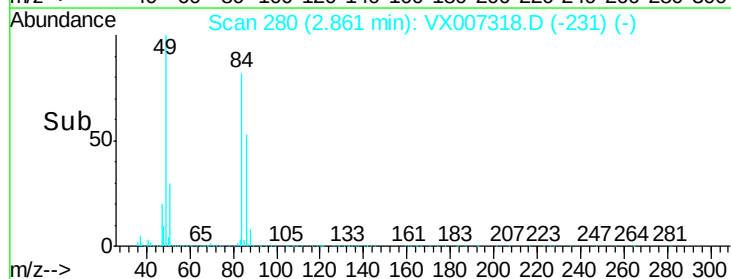
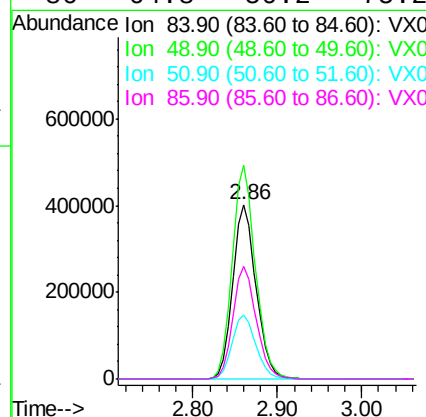
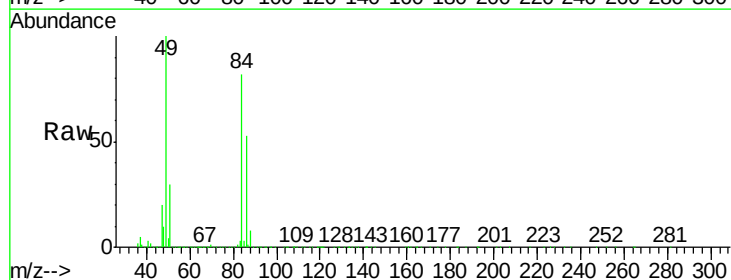
Instrument :
MSVOA_X
ClientSampled :
TP-4

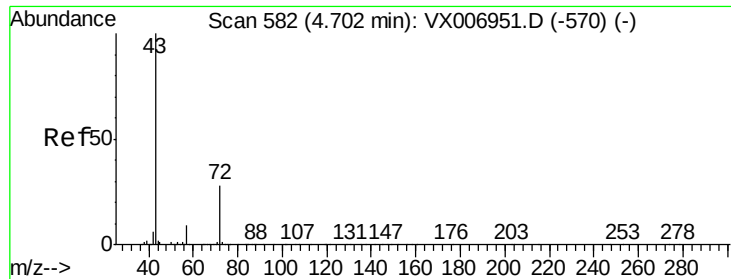
Tot Ion: 43 Resp: 22998
Ion Ratio Lower Upper
43 100
74 24.6 18.6 28.0



#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

ClientSampled :

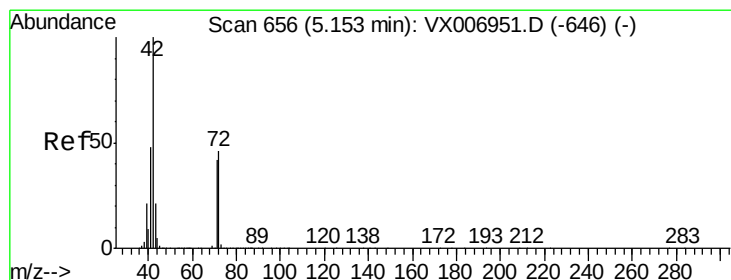
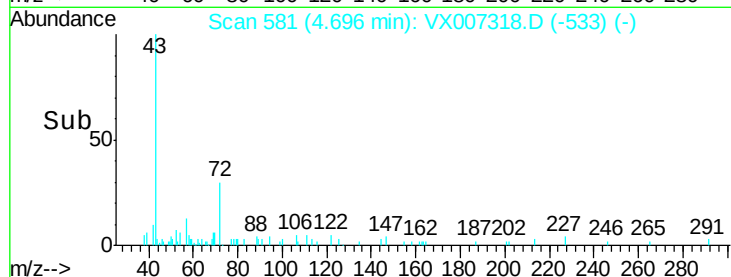
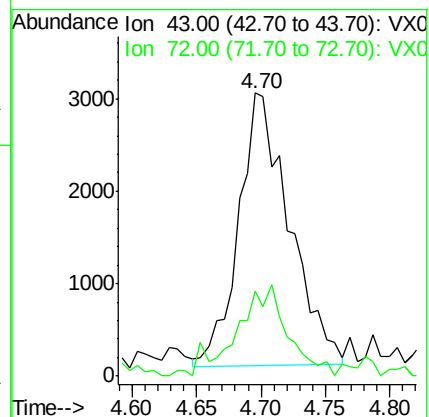
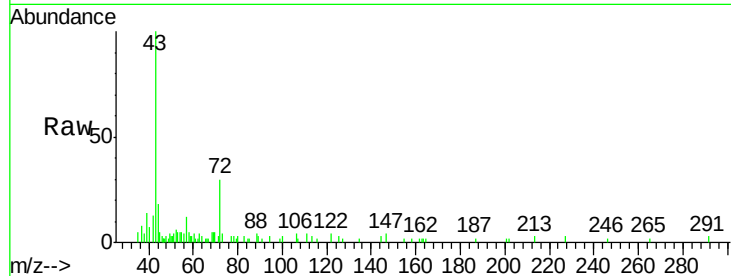
TP-4

Tot Ion: 43 Resp: 8026

Ion Ratio Lower Upper

43 100

72 31.8 22.4 33.6



#29

Tetrahydrofuran

Concen: 1.073 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

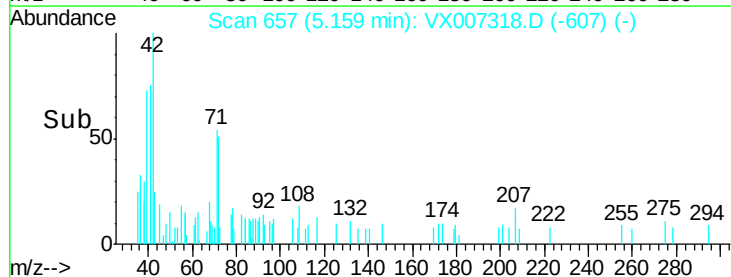
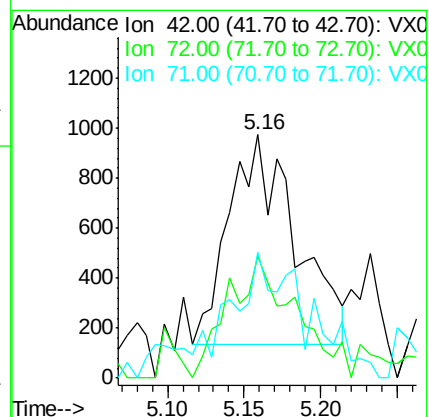
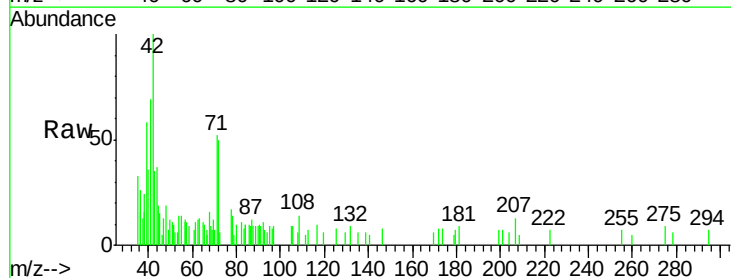
Tgt Ion: 42 Resp: 2561

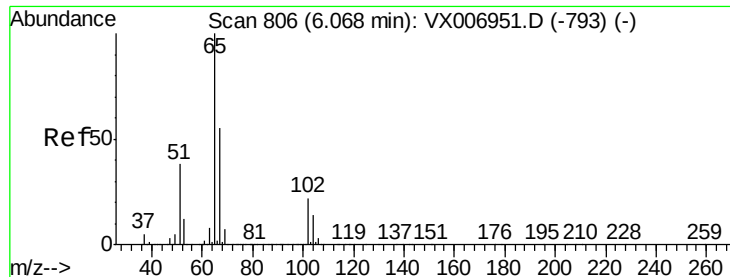
Ion Ratio Lower Upper

42 100

72 58.1 38.9 58.3

71 25.8 36.2 54.4#





#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

Instrument :

MSVOA_X

ClientSampleId :

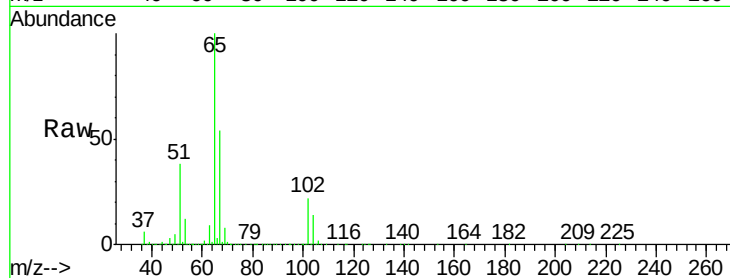
TP-4

Tot Ion: 65 Resp: 270665

Ion Ratio Lower Upper

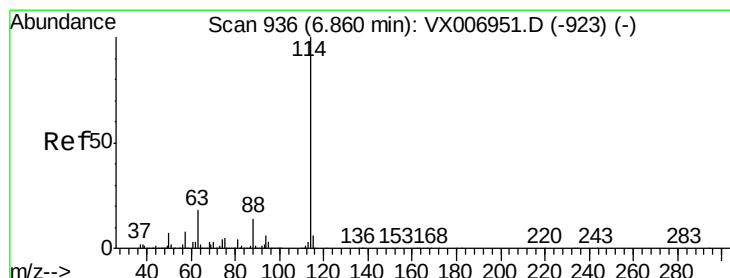
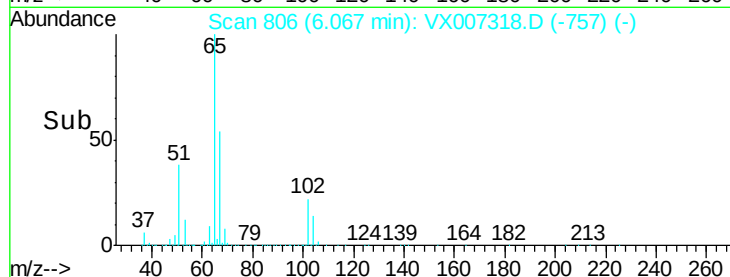
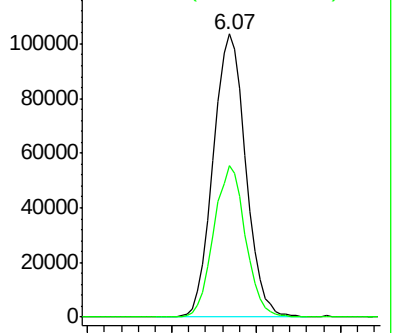
65 100

67 52.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#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

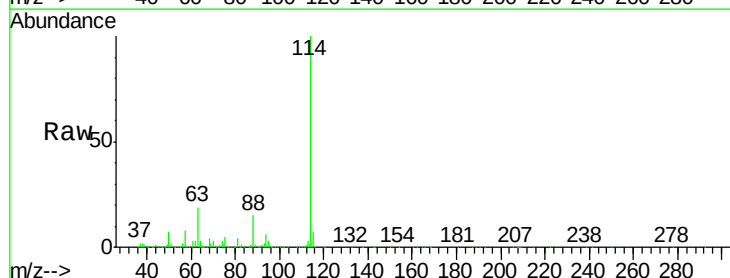
Tgt Ion: 114 Resp: 767438

Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.8

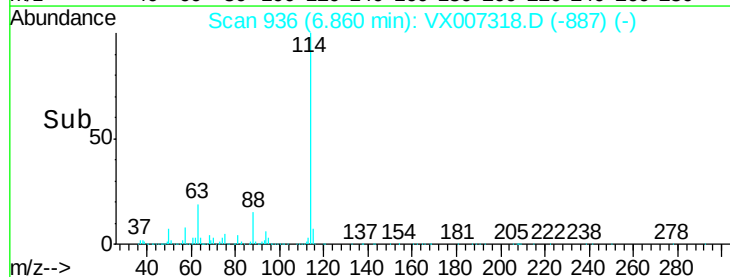
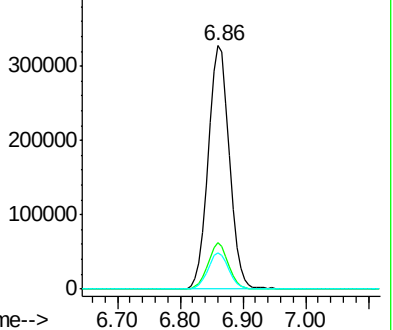
88 15.1 0.0 28.8

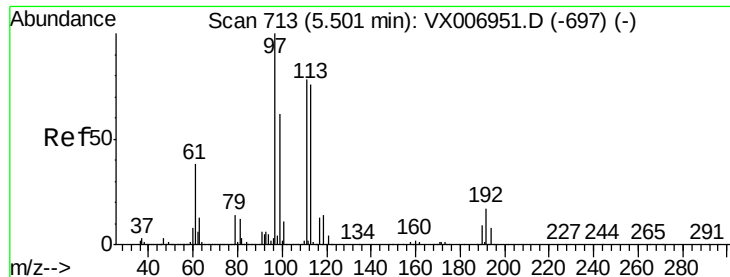


Abundance Ion 113.90 (113.60 to 114.60): V

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

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ClientSampleId :
TP-4

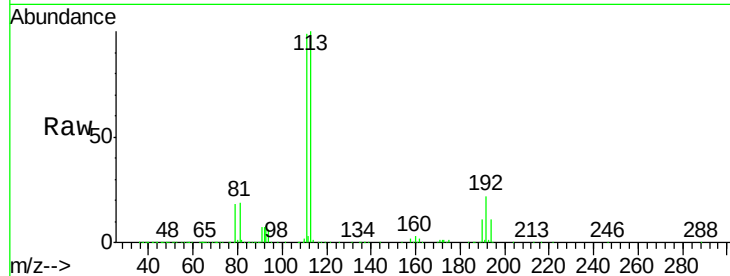
Tot Ion:113 Resp: 243723

Ion Ratio Lower Upper

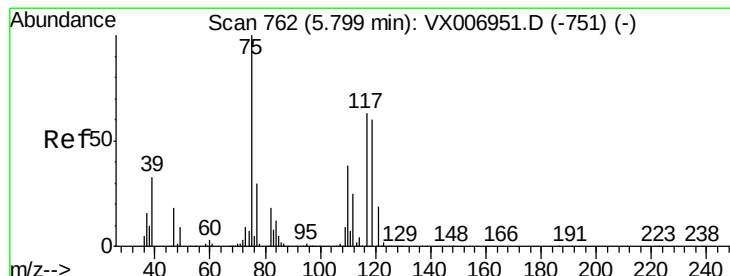
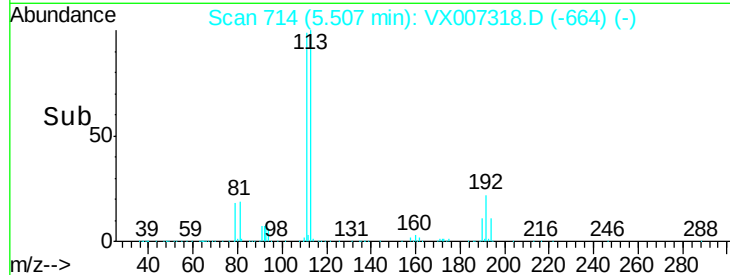
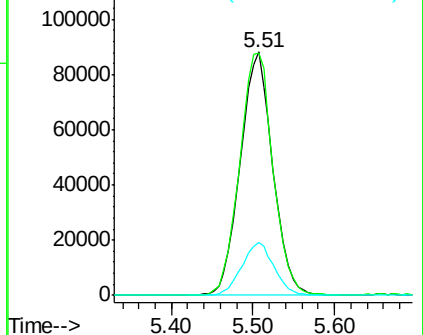
113 100

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



#36

1,1-Dichloropropene

Concen: 4.715 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

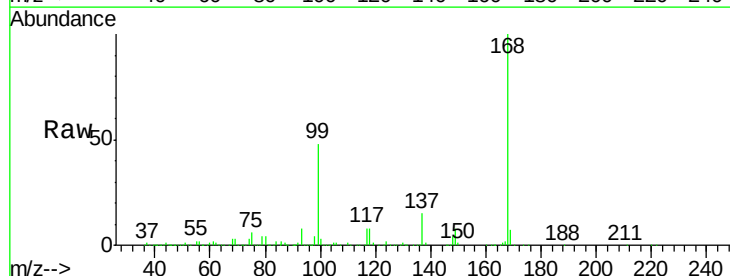
Tgt Ion: 75 Resp: 31458

Ion Ratio Lower Upper

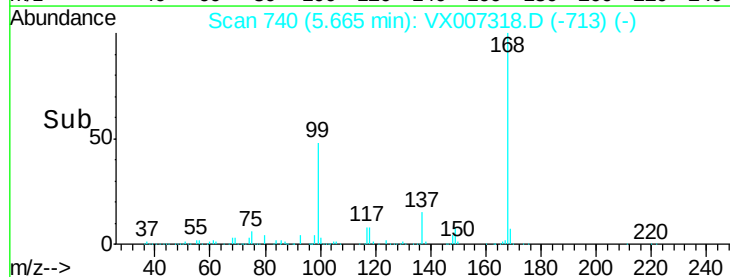
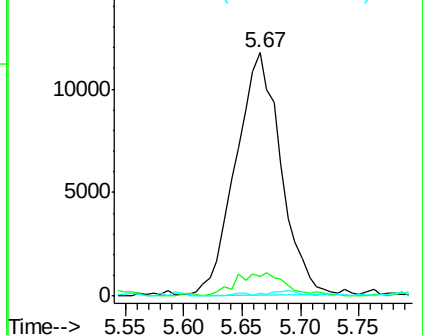
75 100

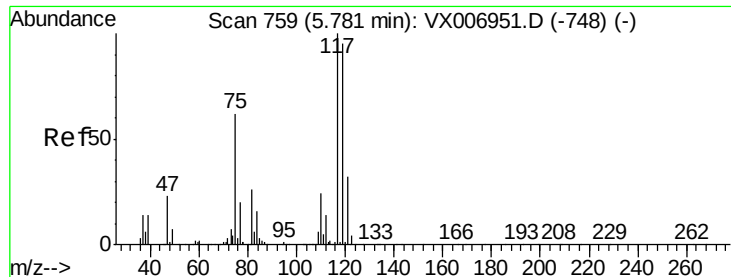
110 10.9 20.2 60.5#

77 0.4 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.657 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

TP-4

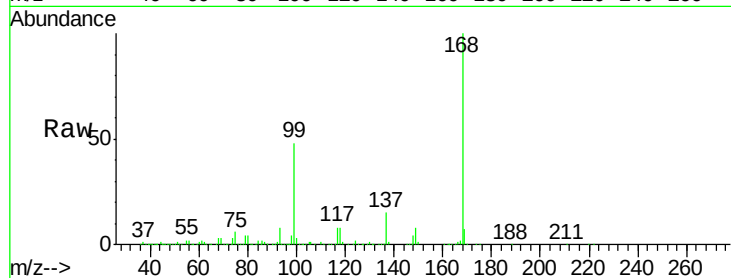
Tot Ion:117 Resp: 44688

Ion Ratio Lower Upper

117 100

119 5.9 79.4 119.2#

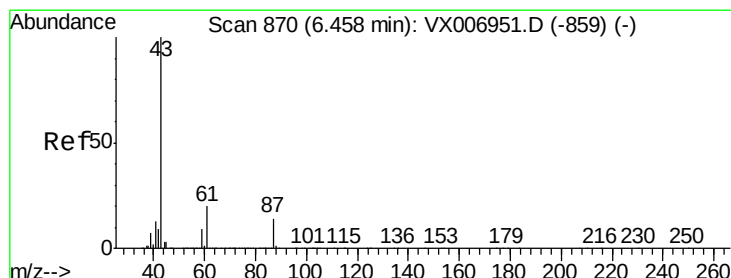
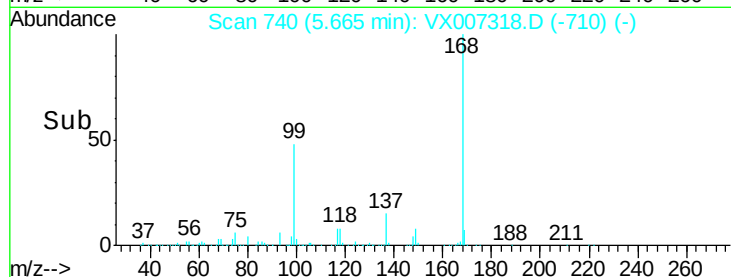
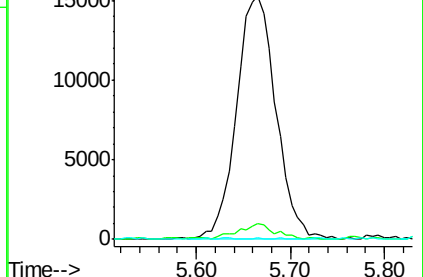
121 0.5 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): 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

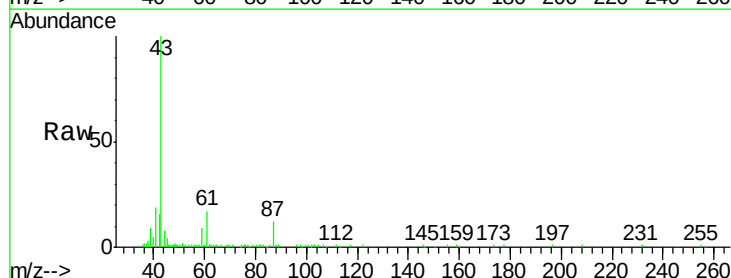
Tgt Ion: 43 Resp: 30145

Ion Ratio Lower Upper

43 100

61 21.3 16.8 25.2

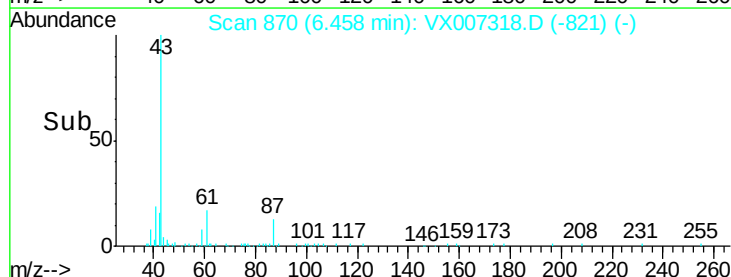
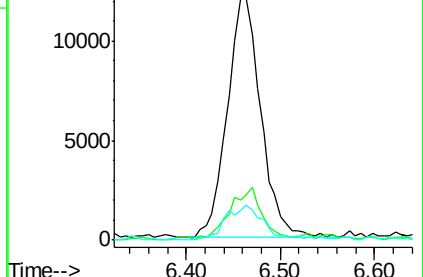
87 16.7 12.4 18.6

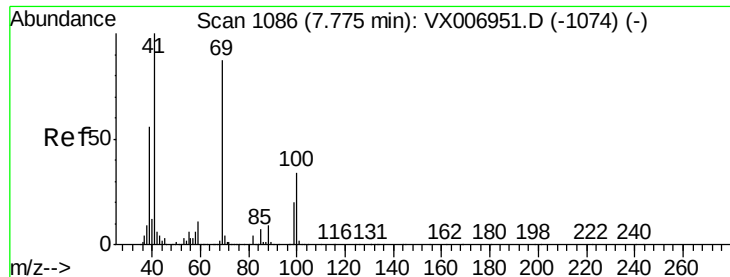


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

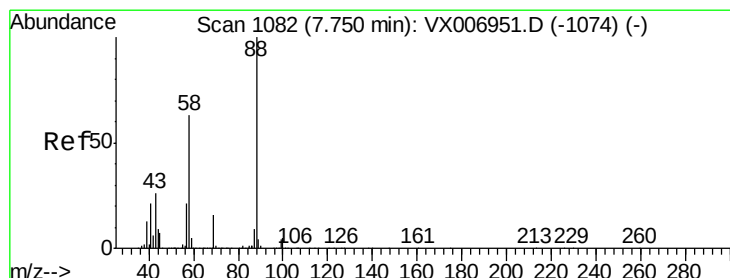
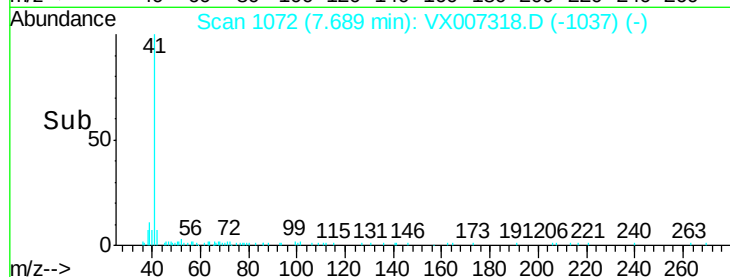
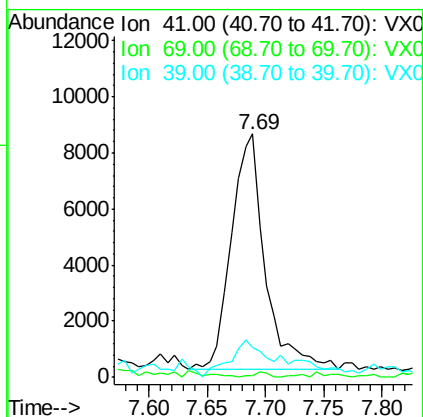
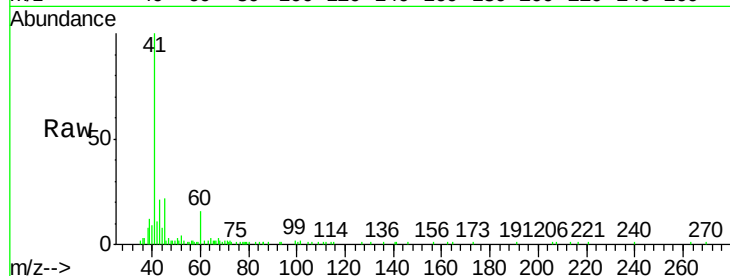




#48
Methvl methacrylate
Concen: 2.926 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

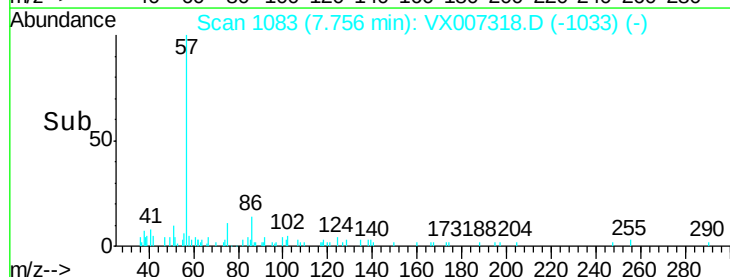
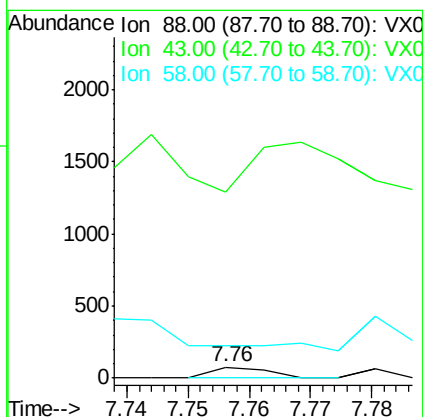
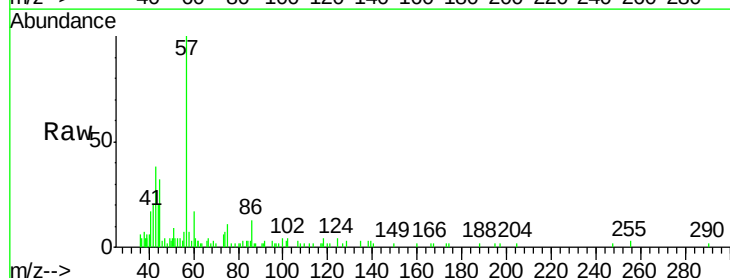
Instrument :
MSVOA_X
ClientSampled :
TP-4

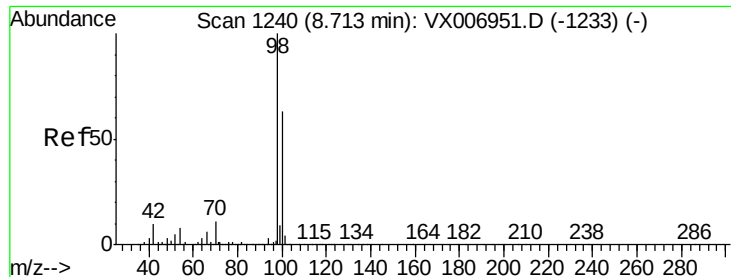
Tot Ion: 41 Resp: 16953
Ion Ratio Lower Upper
41 100
69 1.0 72.4 108.6#
39 27.0 45.8 68.8#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 0.0 51.0 76.4#





#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

Instrument :

MSVOA_X

ClientSampleId :

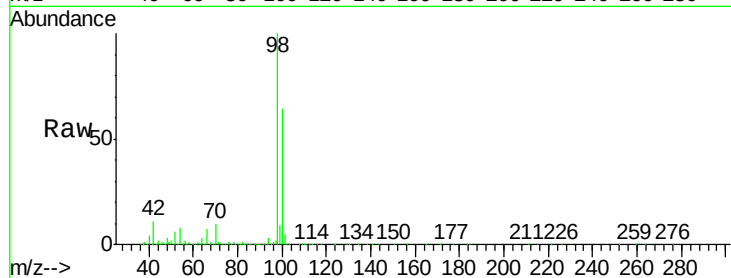
TP-4

Tot Ion: 98 Resp: 950885

Ion Ratio Lower Upper

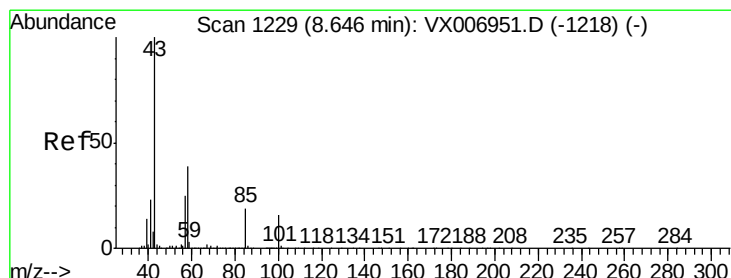
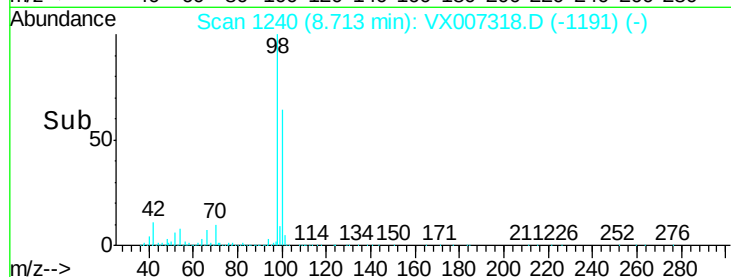
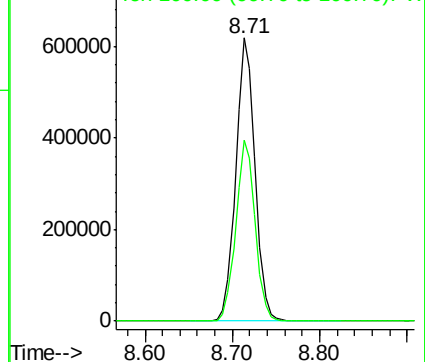
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 21.424 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007318.D

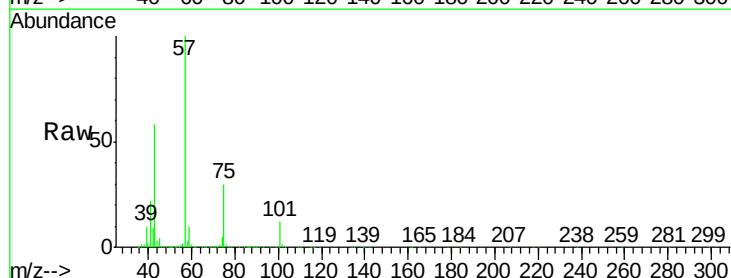
Acq: 30 Jan 2019 16:44

Tgt Ion: 43 Resp: 155354

Ion Ratio Lower Upper

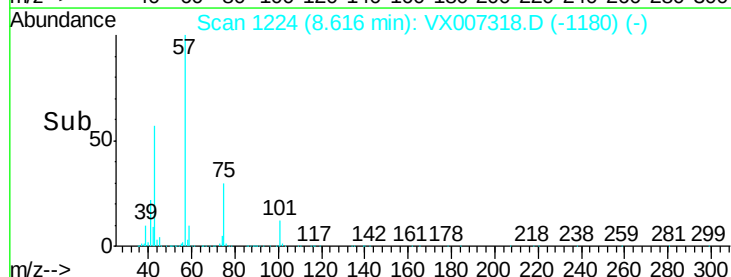
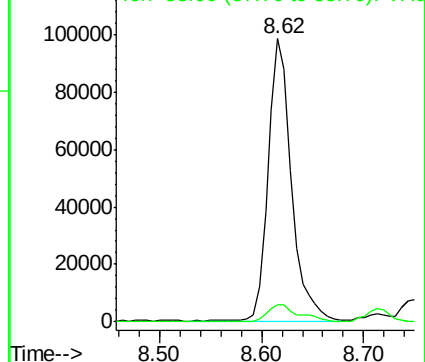
43 100

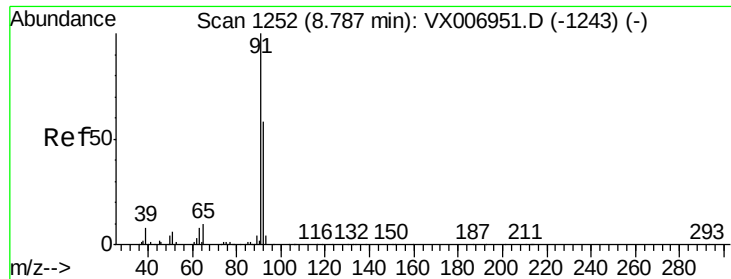
58 8.5 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.303 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

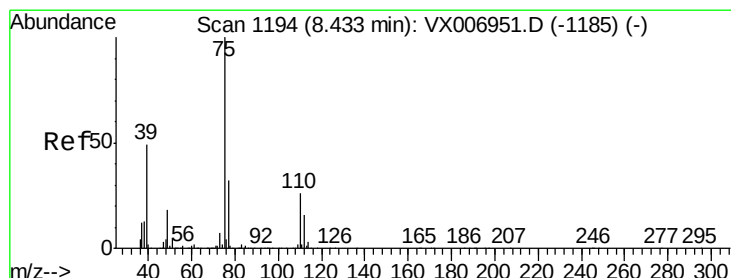
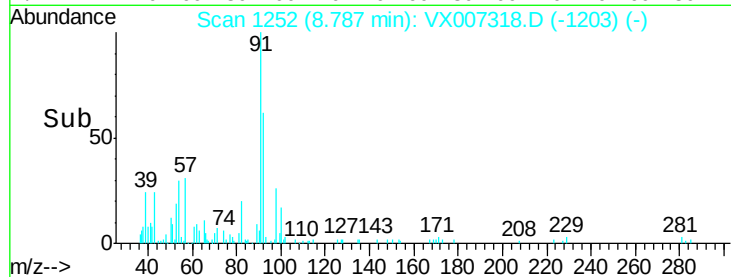
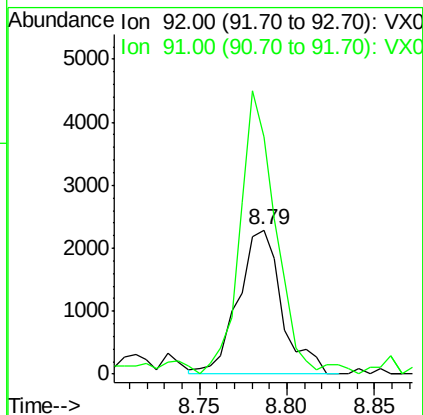
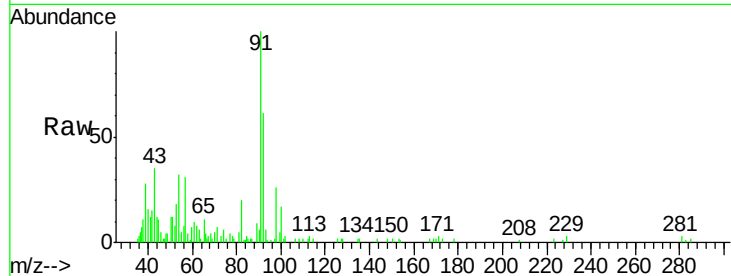
TP-4

Tot Ion: 92 Resp: 3965

Ion Ratio Lower Upper

92 100

91 158.5 137.6 206.4



#54

cis-1,3-Dichloropropene

Concen: 10.158 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

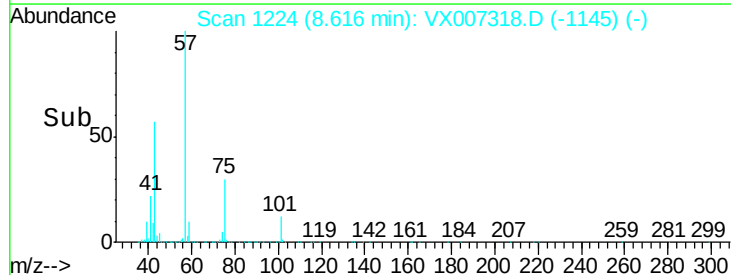
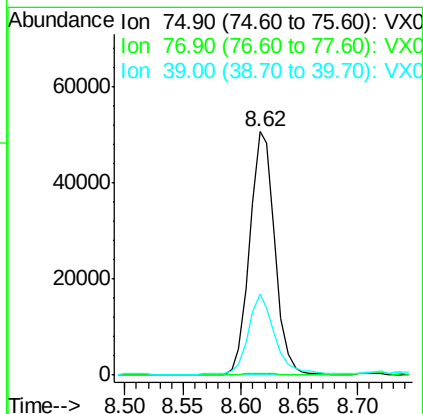
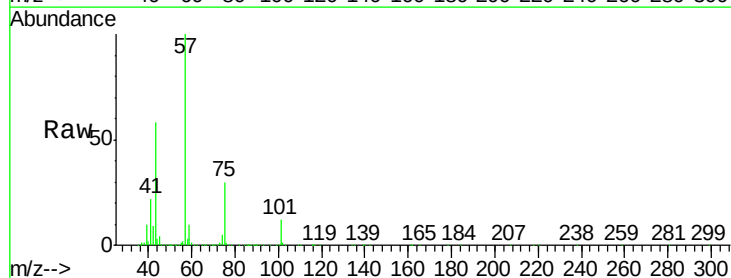
Tgt Ion: 75 Resp: 76167

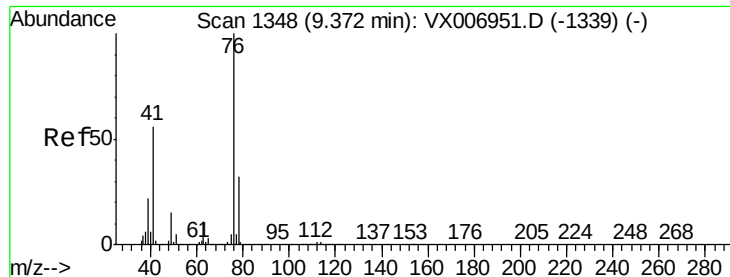
Ion Ratio Lower Upper

75 100

77 0.3 26.2 39.2#

39 32.9 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.785 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

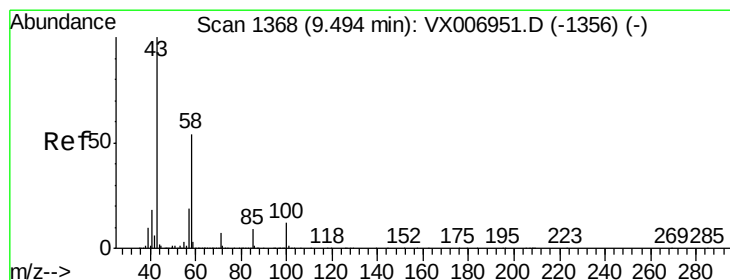
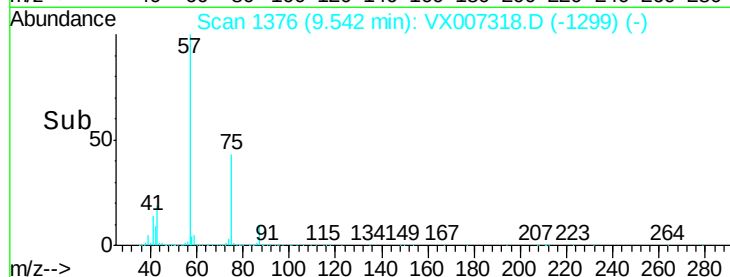
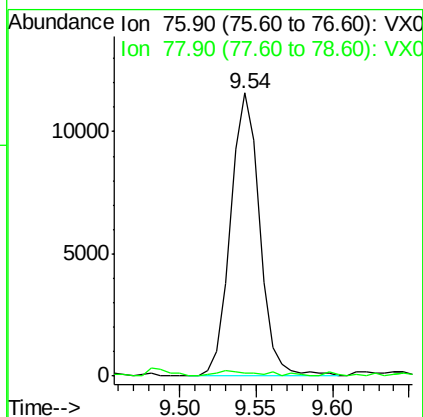
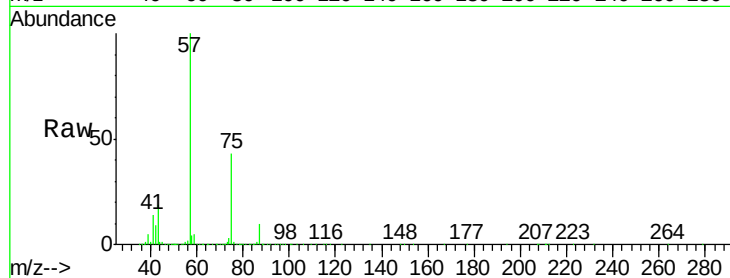
TP-4

Tot Ion: 76 Resp: 15317

Ion Ratio Lower Upper

76 100

78 2.4 26.0 39.0#



#59

2-Hexanone

Concen: 35.942 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX007318.D

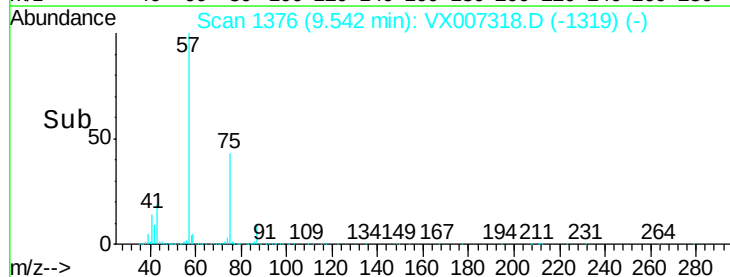
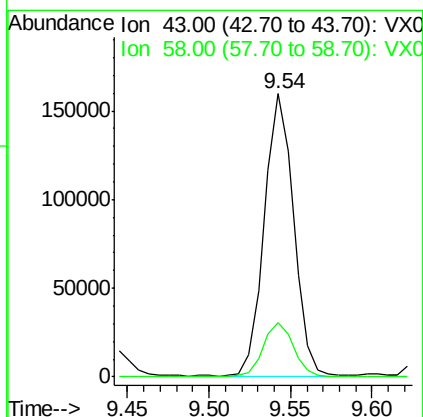
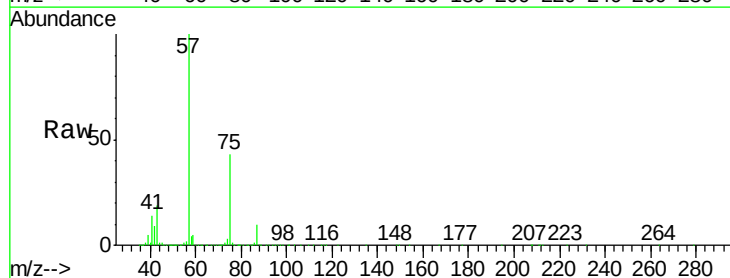
Acq: 30 Jan 2019 16:44

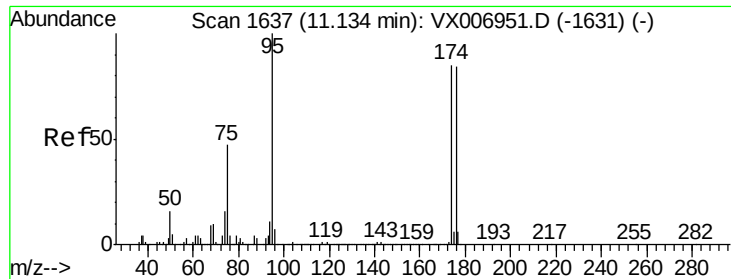
Tgt Ion: 43 Resp: 198613

Ion Ratio Lower Upper

43 100

58 20.2 27.7 83.1#

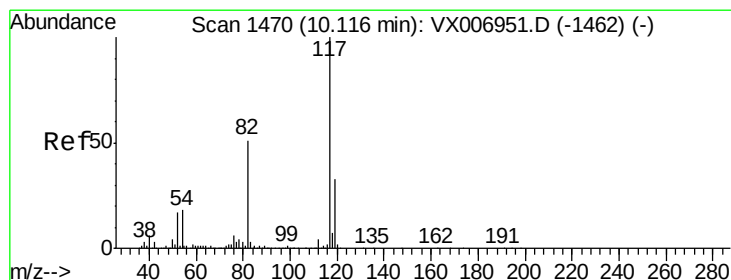
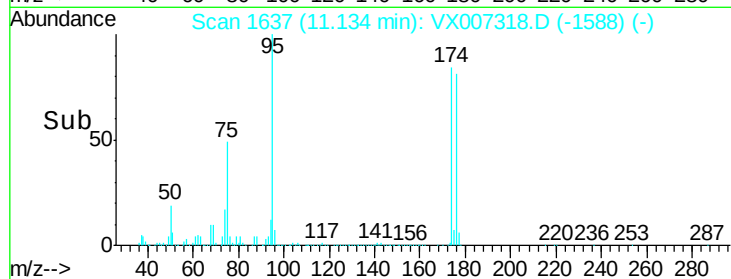
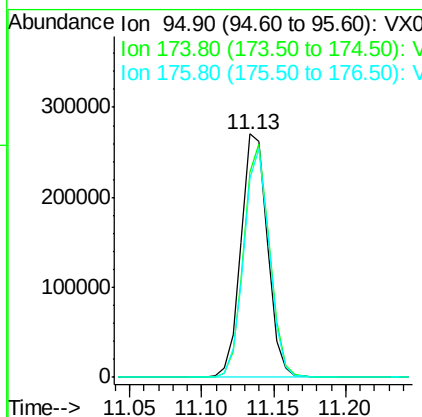
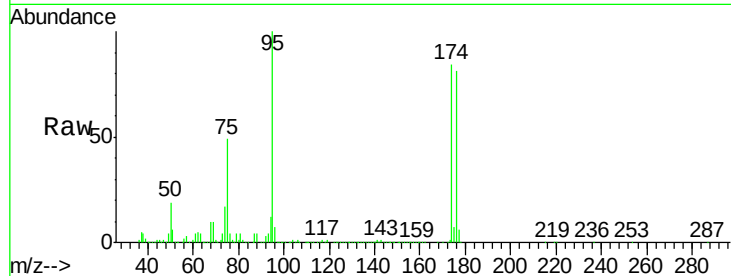




#62
4-Bromofluorobenzene
Concen: 55.076 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

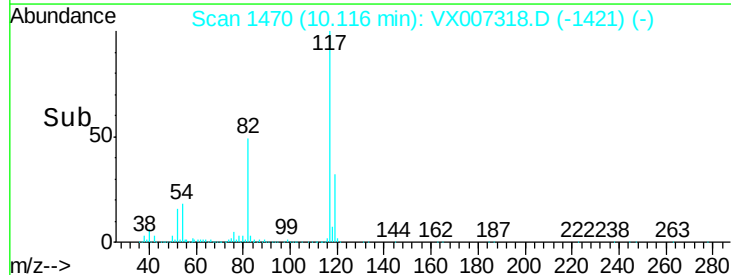
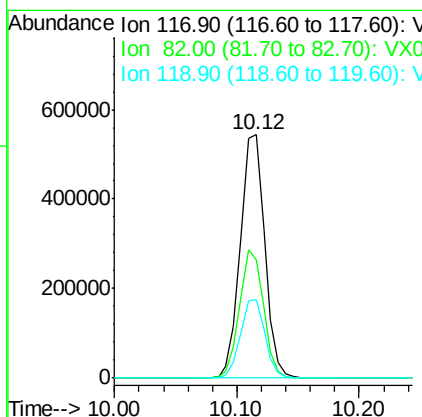
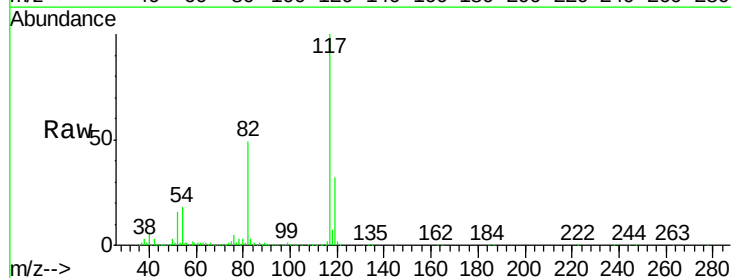
Instrument :
MSVOA_X
ClientSampled :
TP-4

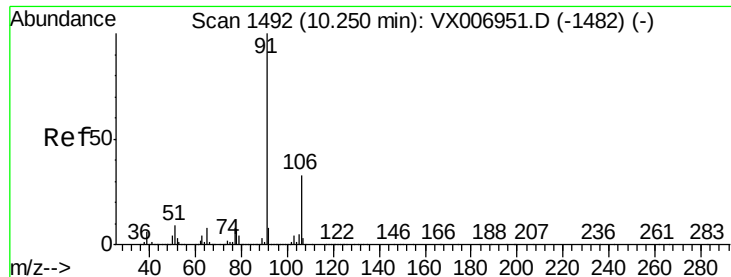
Tot Ion	95	Resp	345406
Ion Ratio	Lower	Upper	
95	100		
174	93.0	0.0	182.2
176	90.0	0.0	178.8



#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 :

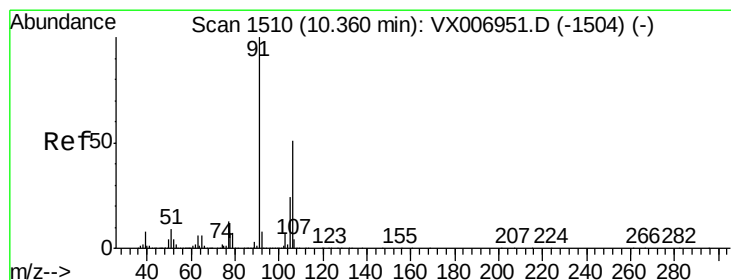
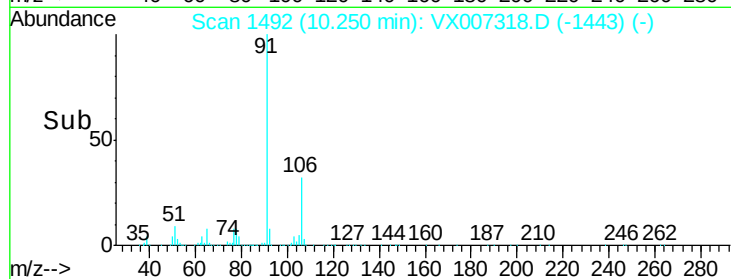
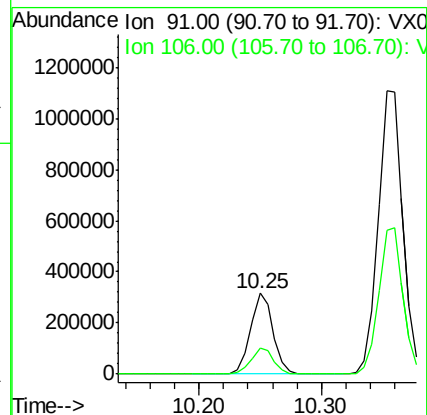
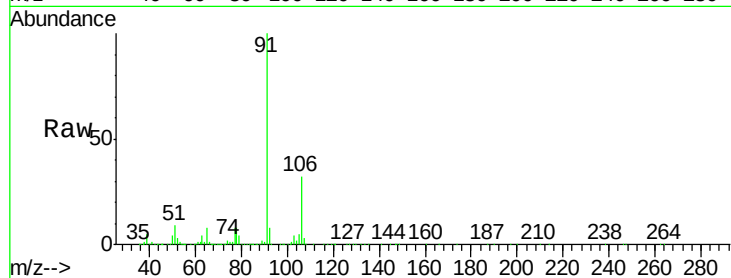
TP-4

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

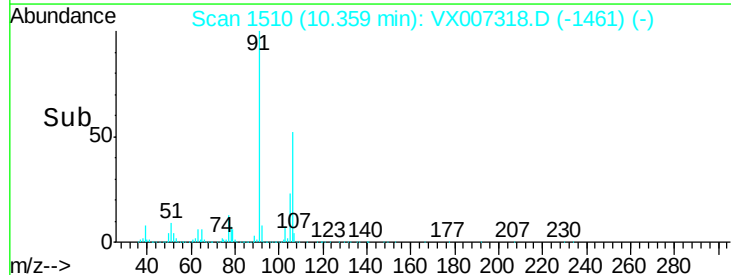
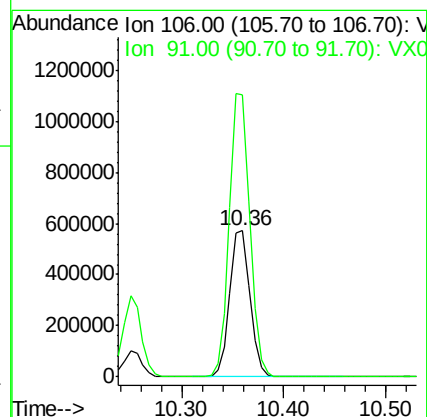
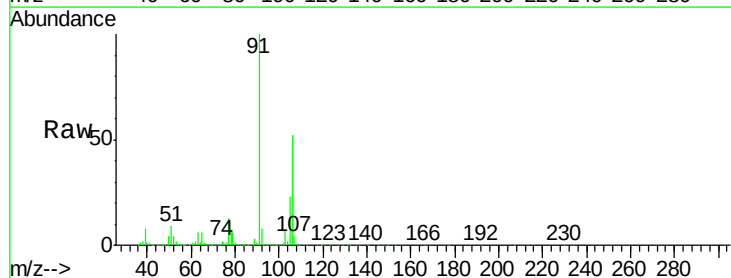
Acq: 30 Jan 2019 16:44

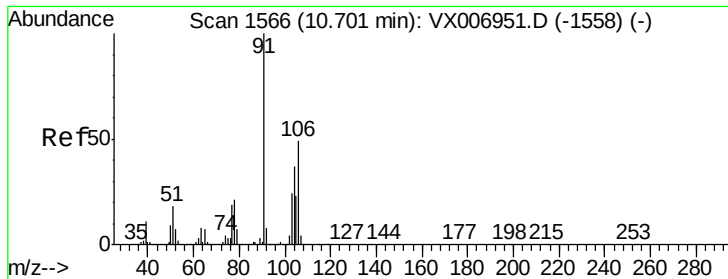
Tgt Ion: 106 Resp: 788409

Ion Ratio Lower Upper

106 100

91 195.9 155.8 233.6

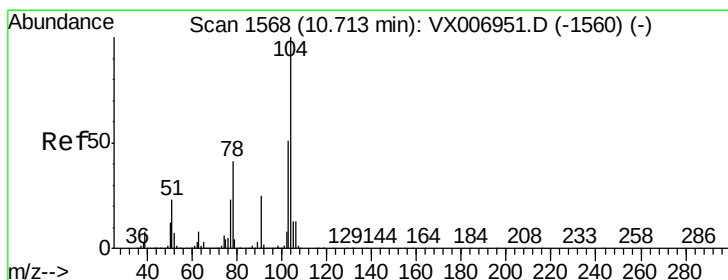
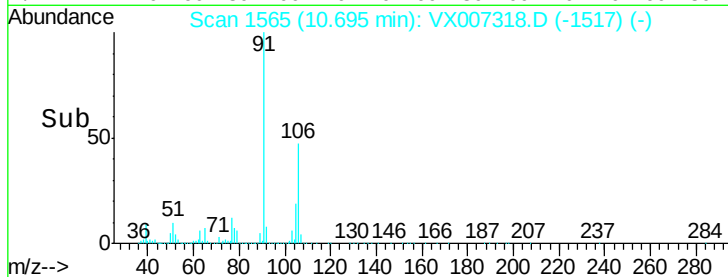
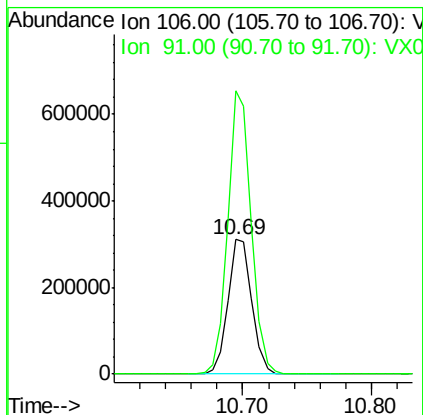
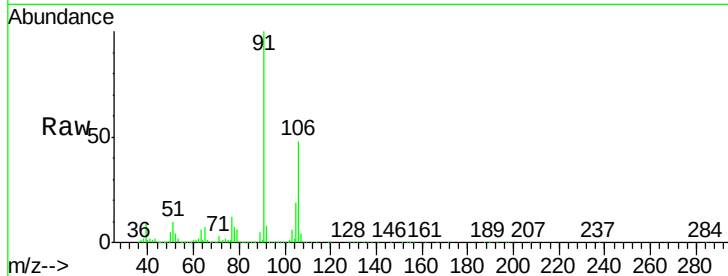




#69
o-Xylene
Concen: 38.764 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

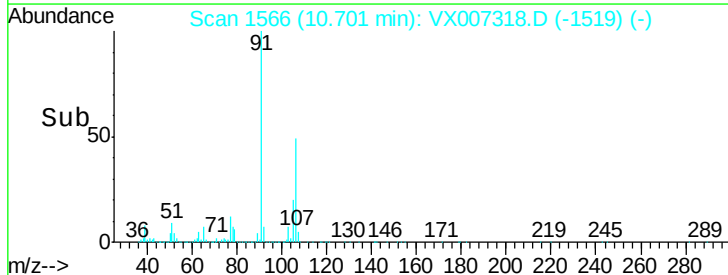
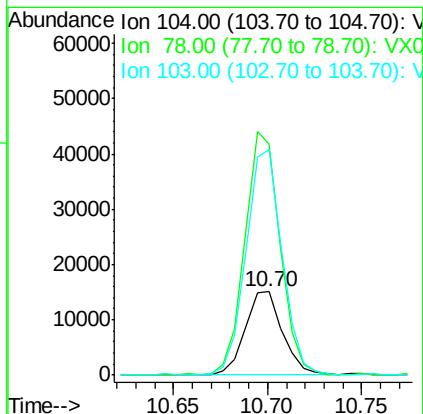
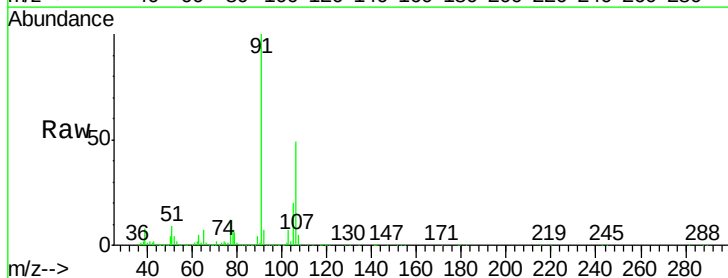
Instrument :
MSVOA_X
ClientSampleId :
TP-4

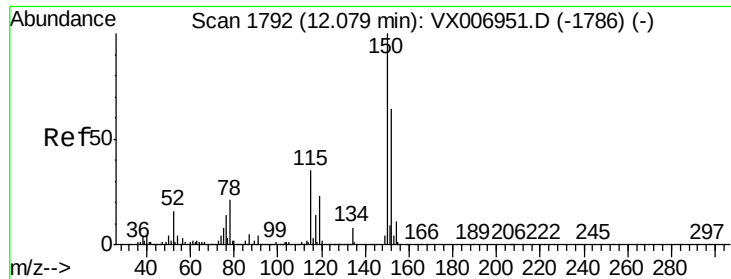
Tot Ion:106 Resp: 403779
Ion Ratio Lower Upper
106 100
91 206.6 101.3 303.7



#70
Styrene
Concen: 1.269 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

Tgt Ion:104 Resp: 20943
Ion Ratio Lower Upper
104 100
78 274.7 37.7 56.5#
103 259.2 43.8 65.8#



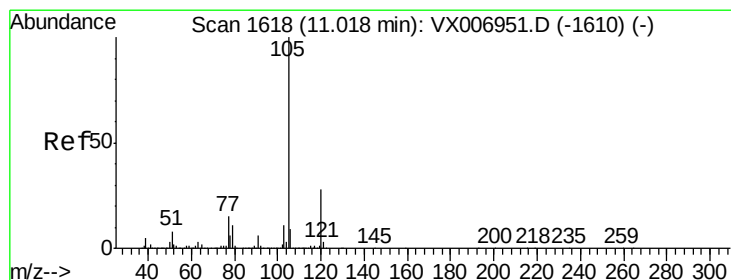
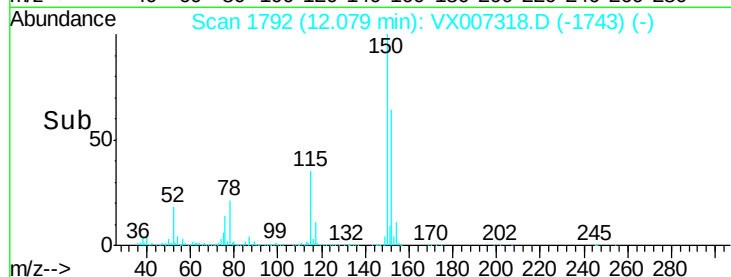
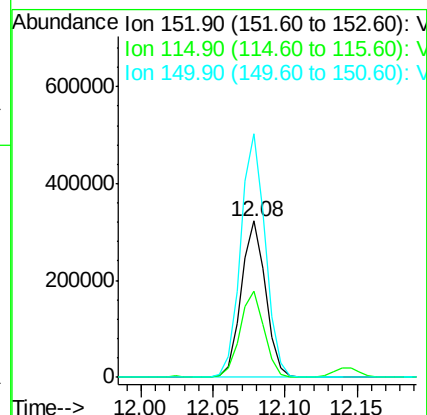
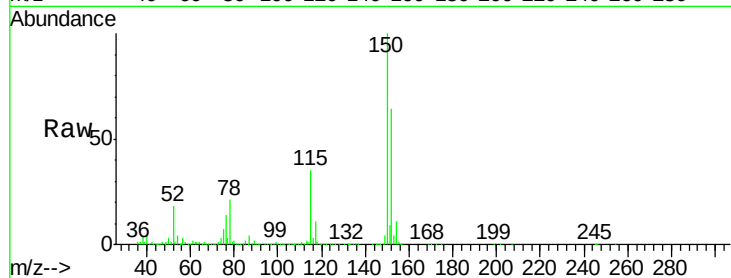


#72

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

Instrument :
MSVOA_X
ClientSampleId :
TP-4

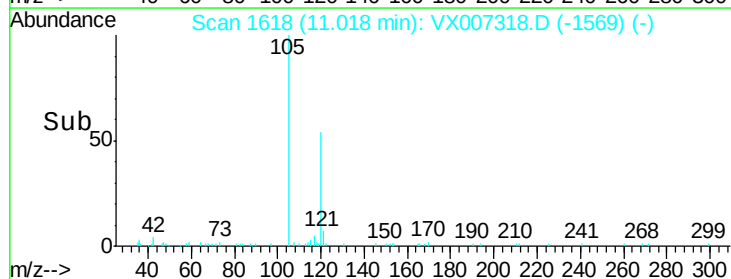
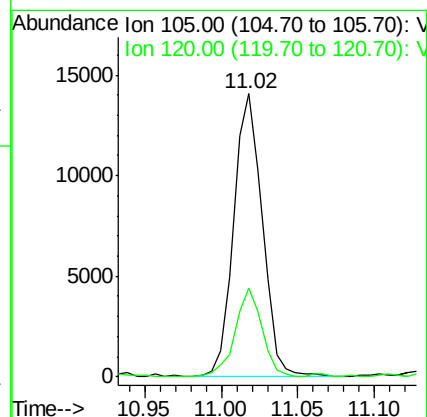
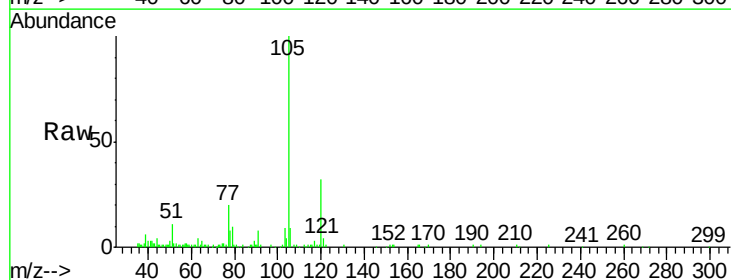
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.1	117.2
150	158.0	0.0	344.8

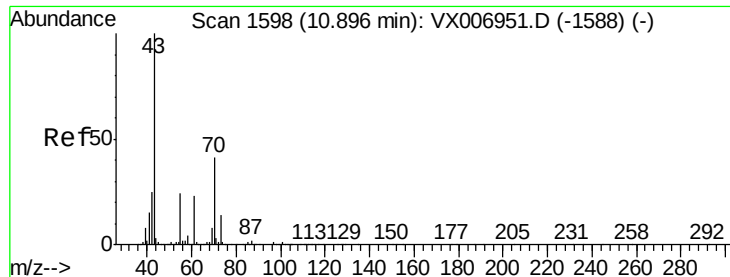


#73

Isopropylbenzene
Concen: 0.681 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.4	14.1	42.4





#74

N-amvl acetate

Concen: 1.621 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

TP-4

Tot Ion: 43 Resp: 17478

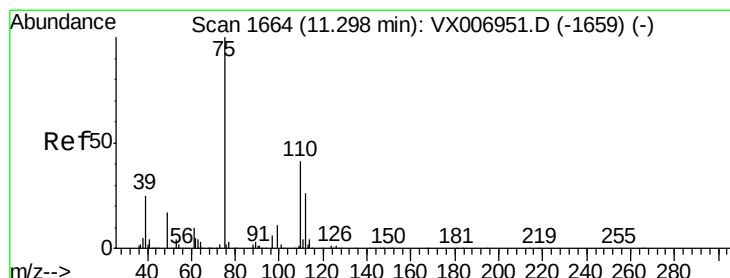
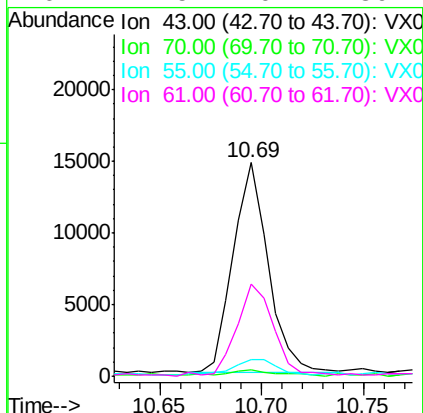
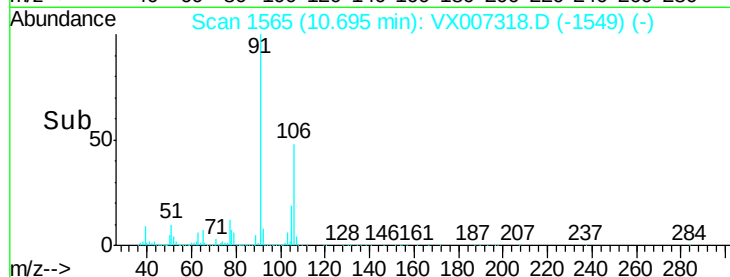
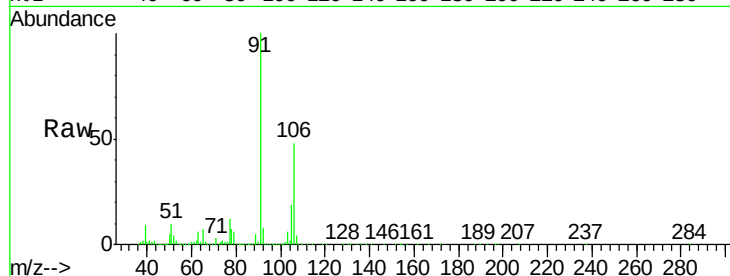
Ion Ratio Lower Upper

43 100

70 5.0 35.8 53.8#

55 9.4 19.4 29.0#

61 47.5 20.1 30.1#



#76

1,2,3-Trichloropropane

Concen: 1.001 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX007318.D

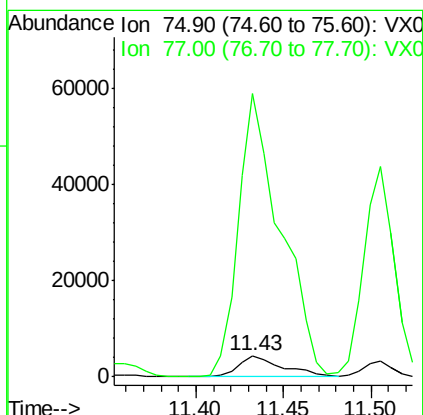
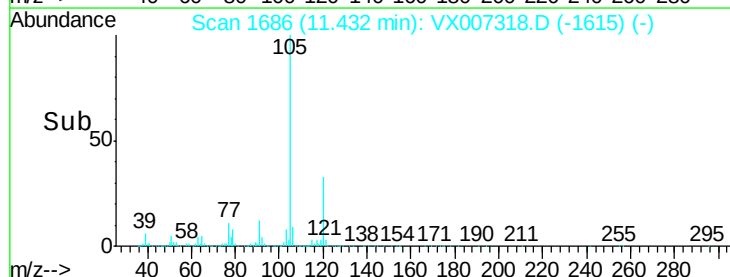
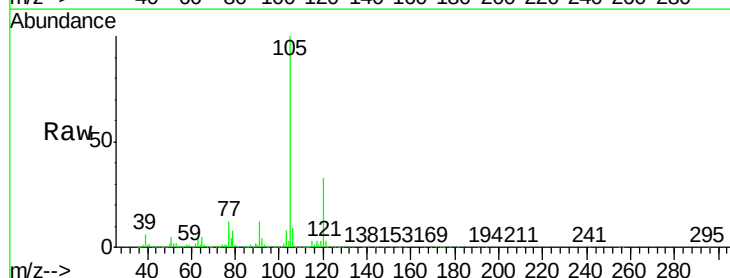
Acq: 30 Jan 2019 16:44

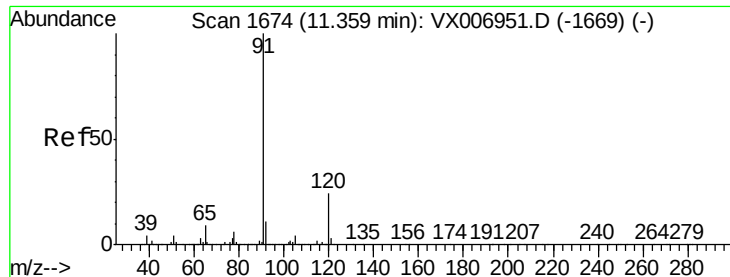
Tgt Ion: 75 Resp: 7703

Ion Ratio Lower Upper

75 100

77 1280.5 18.5 55.5#





#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 :

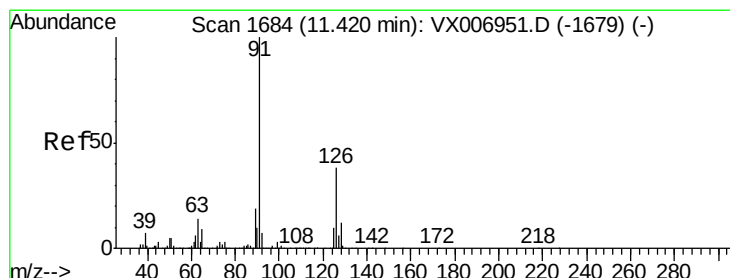
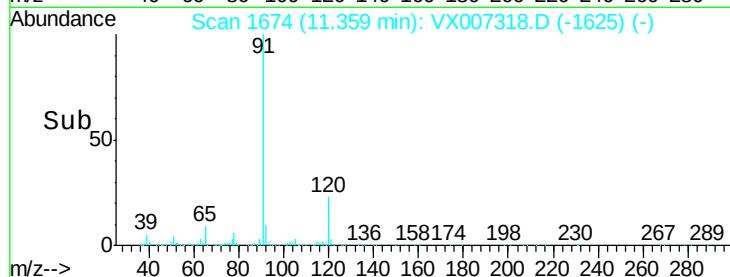
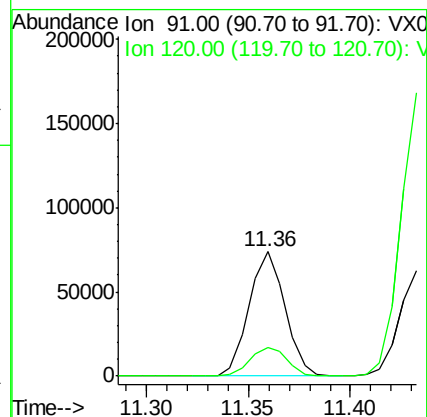
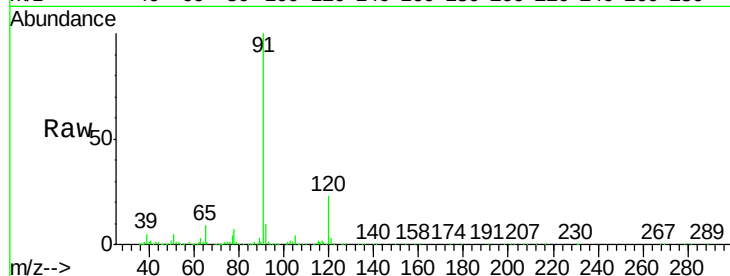
TP-4

Tot Ion: 91 Resp: 90868

Ion Ratio Lower Upper

91 100

120 24.1 12.7 38.0



#79

2-Chlorotoluene

Concen: 5.980 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX007318.D

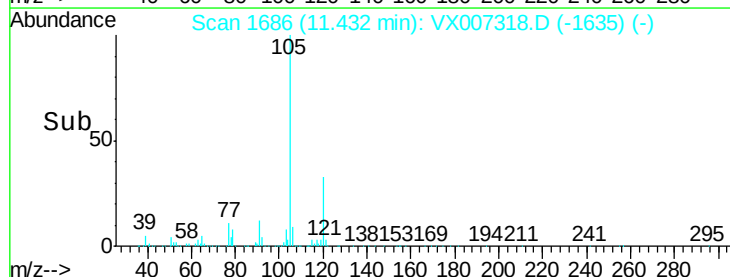
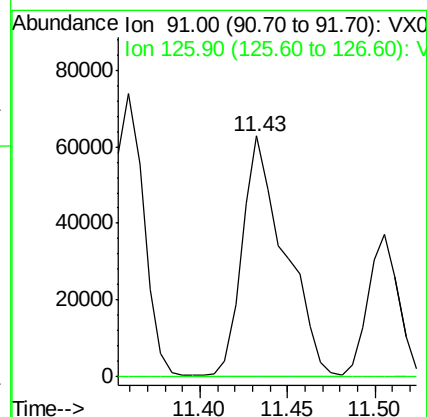
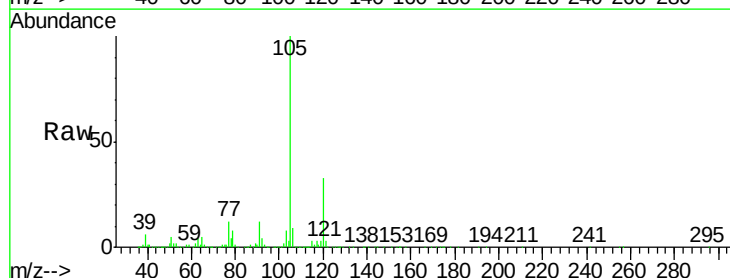
Acq: 30 Jan 2019 16:44

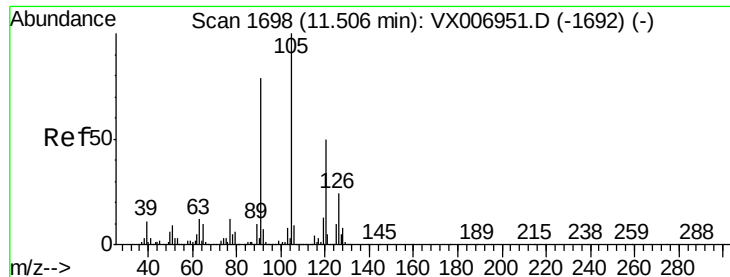
Tgt Ion: 91 Resp: 105853

Ion Ratio Lower Upper

91 100

126 0.2 18.6 56.0#





#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

Instrument :

MSVOA_X

ClientSampled :

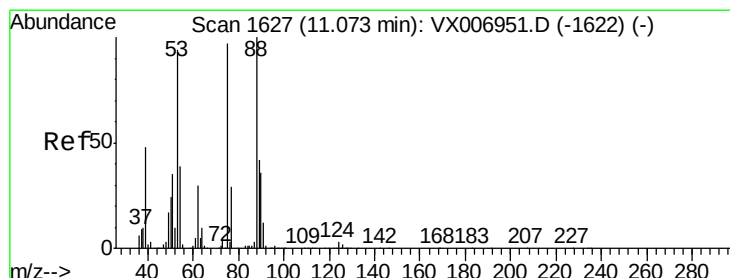
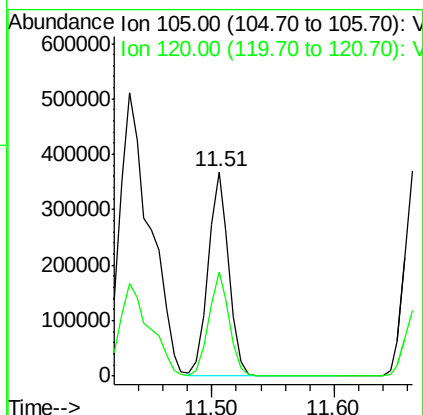
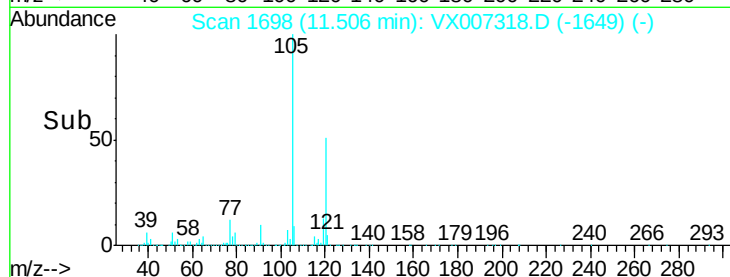
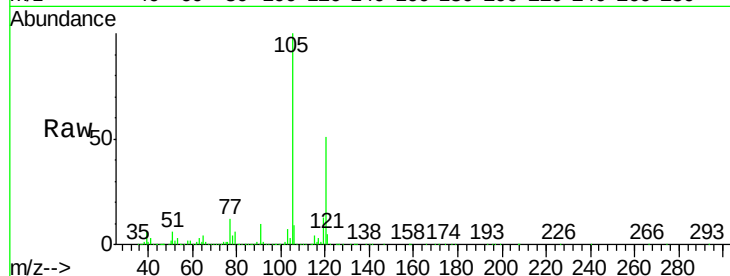
TP-4

Tot Ion:105 Resp: 433428

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3



#81

trans-1,4-Dichloro-2-butene

Concen: 63.817 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

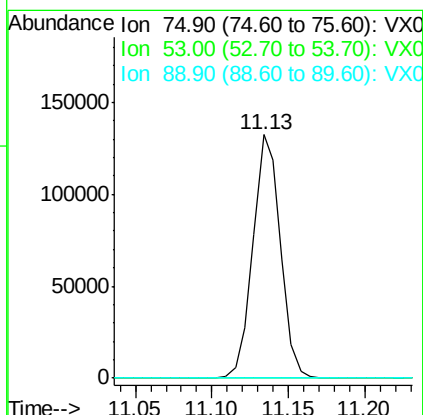
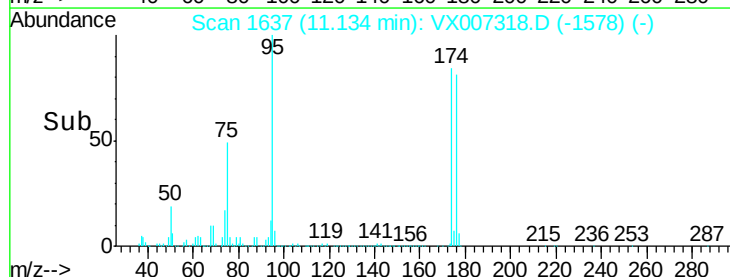
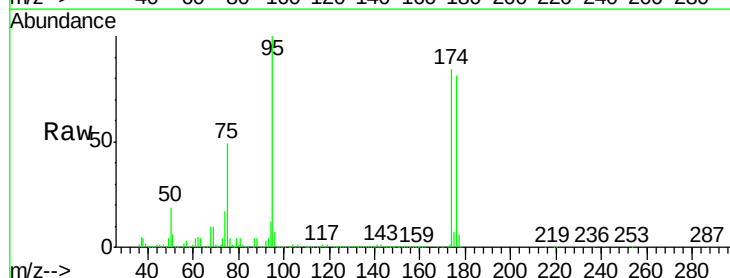
Tgt Ion: 75 Resp: 165662

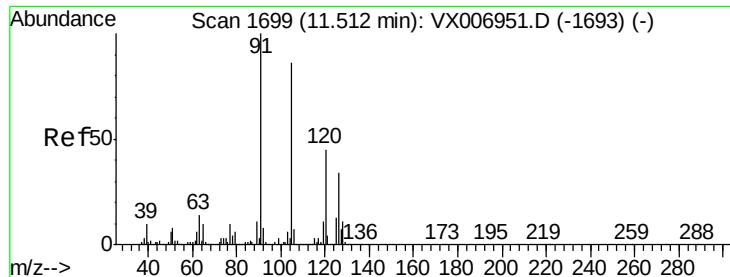
Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.0 38.0 57.0#





#82

4-Chlorotoluene

Concen: 2.182 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

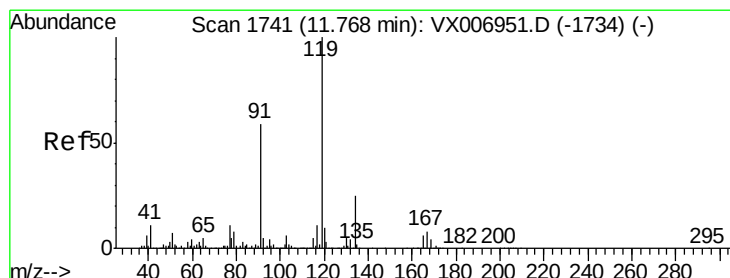
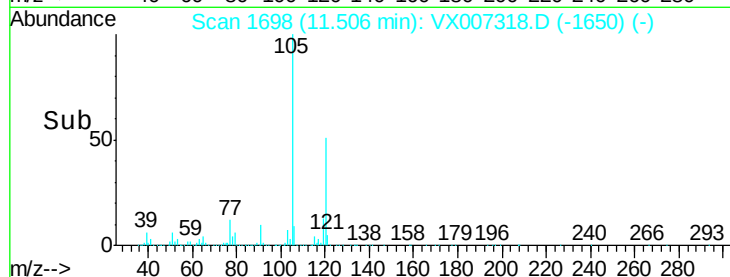
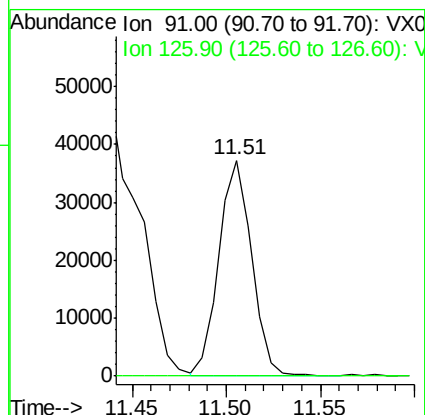
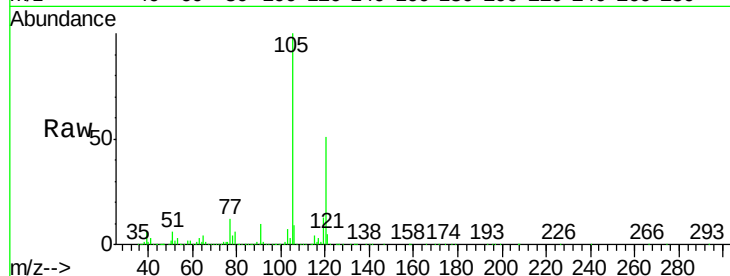
TP-4

Tot Ion: 91 Resp: 44718

Ion Ratio Lower Upper

91 100

126 0.2 16.3 48.9#



#83

tert-Butylbenzene

Concen: 11.641 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

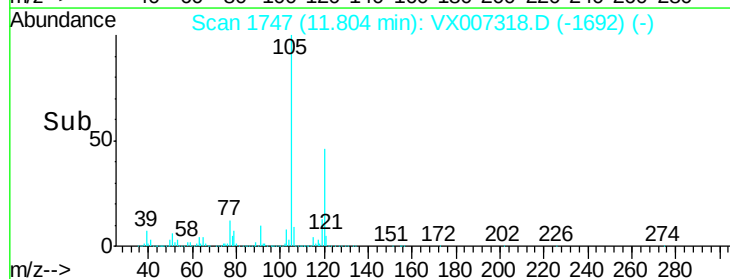
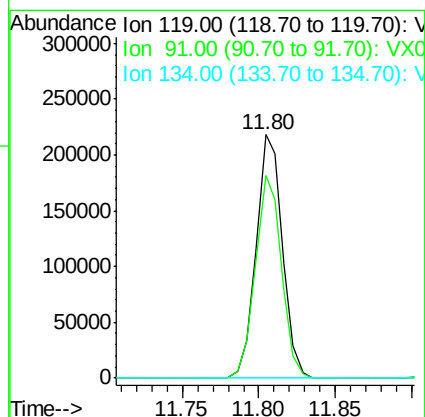
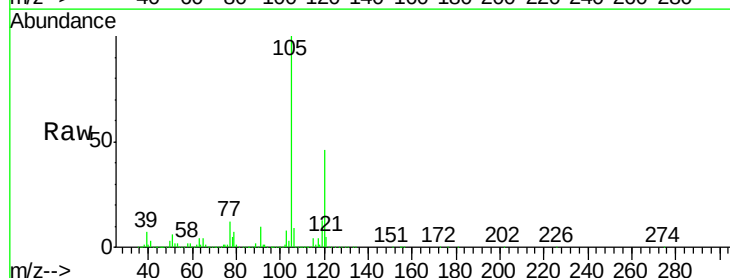
Tgt Ion: 119 Resp: 259944

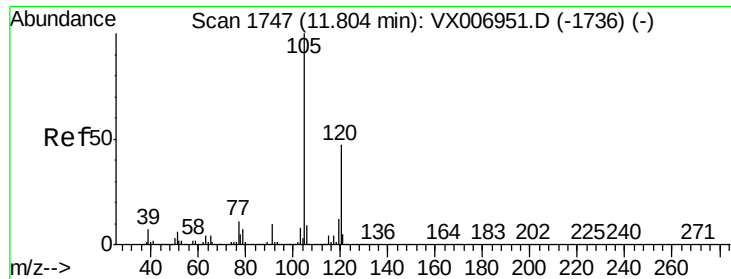
Ion Ratio Lower Upper

119 100

91 83.0 27.7 83.1

134 0.0 11.9 35.5#



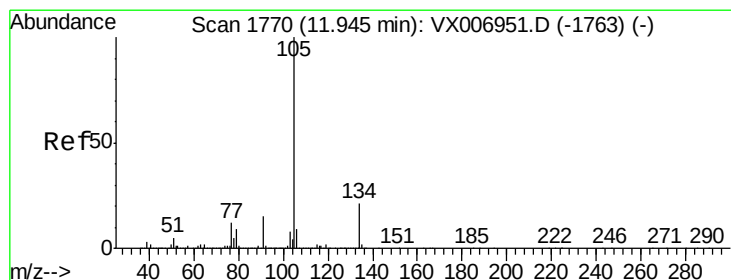
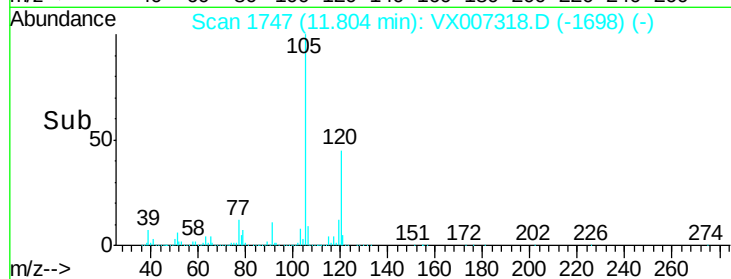
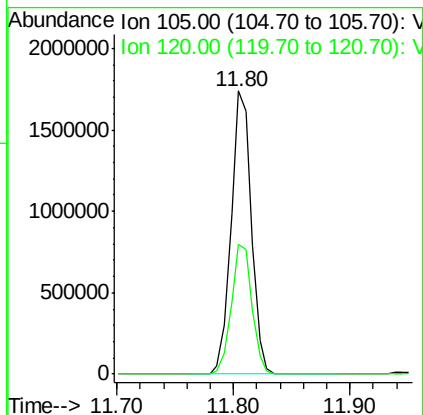
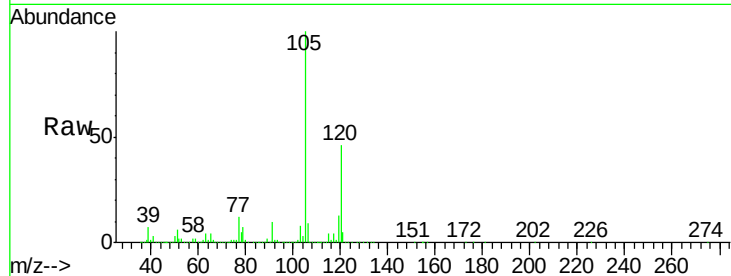


#84

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

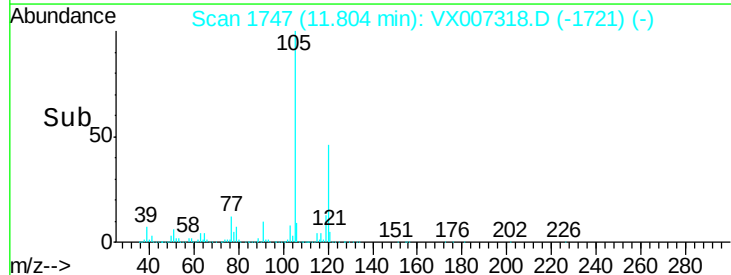
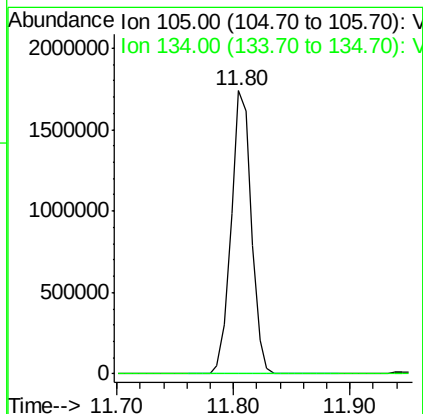
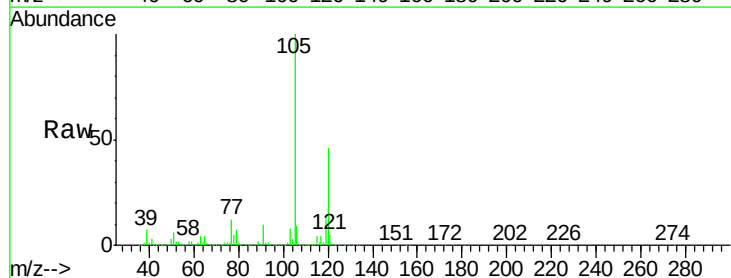
Tot Ion:105 Resp: 2104007
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6

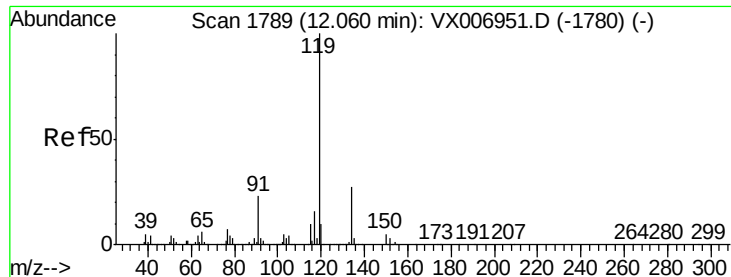


#85

sec-Butylbenzene
Concen: 78.895 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX007318.D
Acq: 30 Jan 2019 16:44

Tgt Ion:105 Resp: 2104007
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#

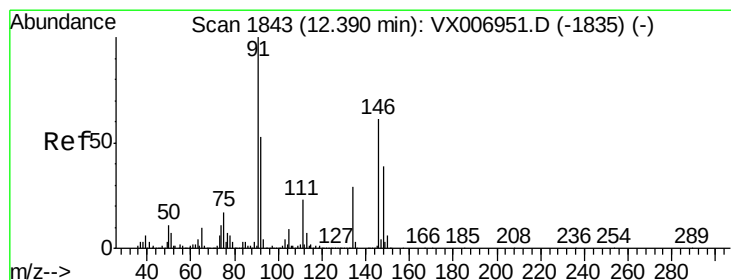
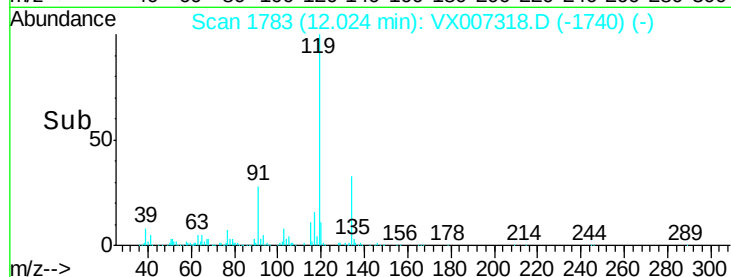
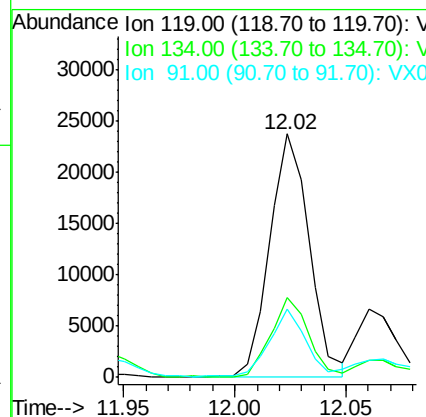
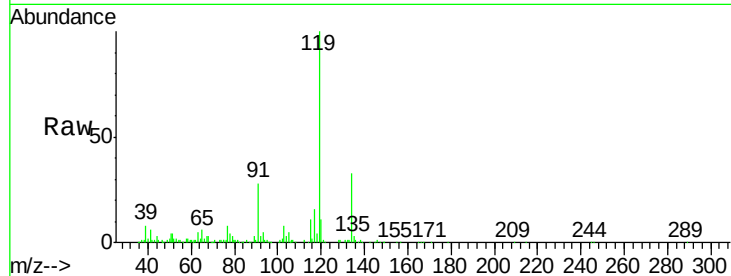




#86
 p-Isopropyltoluene
 Concen: 1.229 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX007318.D
 Acq: 30 Jan 2019 16:44

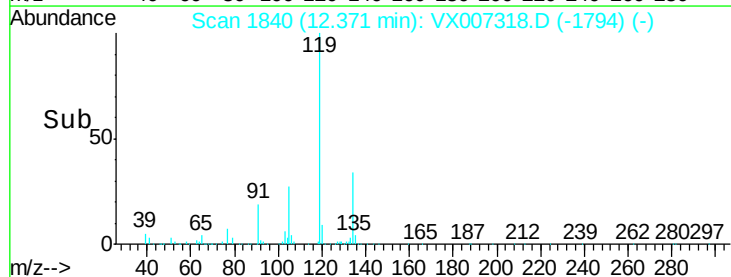
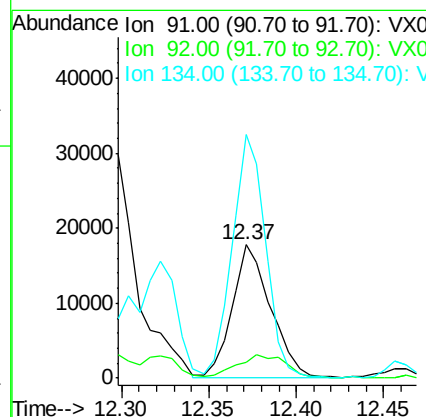
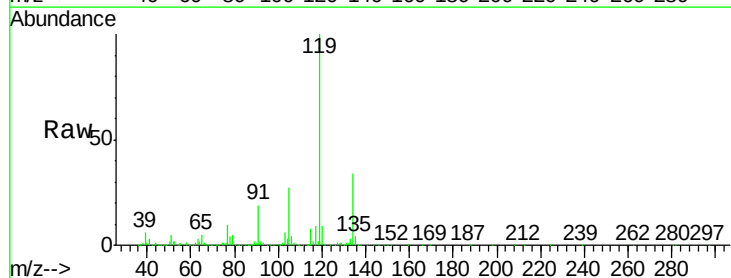
Instrument :
 MSVOA_X
 ClientSampled :
 TP-4

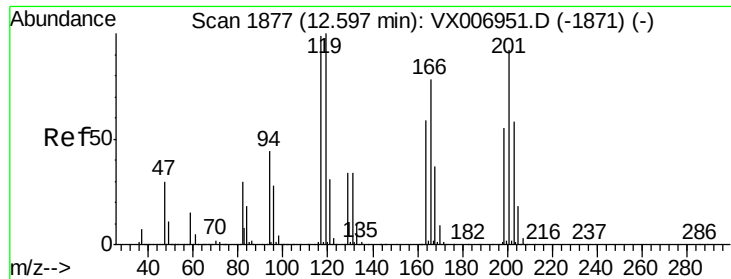
Tot Ion	Ratio	Lower	Upper
119	100		
134	31.2	14.0	41.9
91	25.4	11.3	33.9



#89
 n-Butylbenzene
 Concen: 1.331 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.02 min
 Lab File: VX007318.D
 Acq: 30 Jan 2019 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	22.4	26.8	80.4#
134	157.7	14.4	43.2#





#90

Hexachloroethane

Concen: 4.598 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX007318.D

Acq: 30 Jan 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

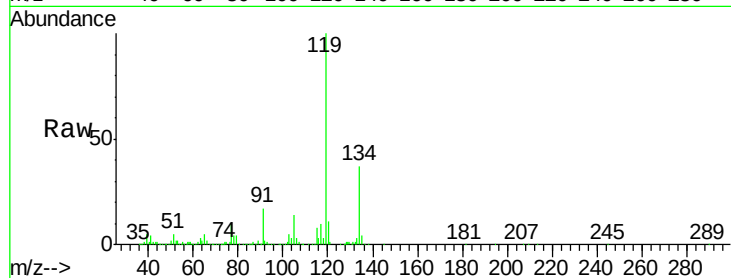
TP-4

Tot Ion:117 Resp: 6832

Ion Ratio Lower Upper

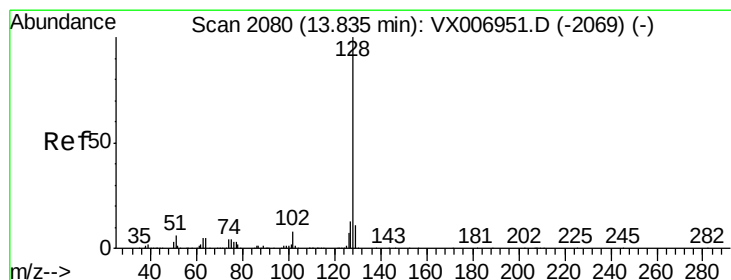
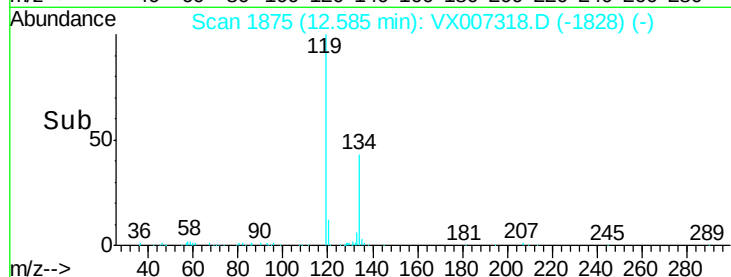
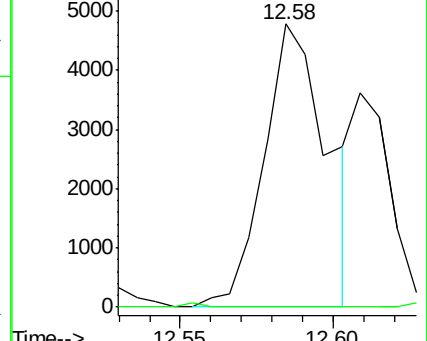
117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): 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

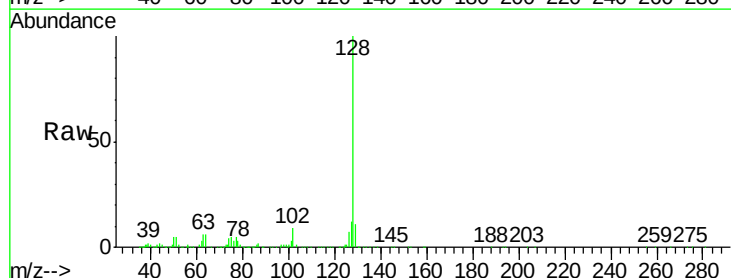
Tgt Ion:128 Resp: 40346

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

