

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004692.D
 Acq On : 19 Sep 2018 07:22
 Operator : JC/MD
 Sample : J4947-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 97-20

Quant Time: Sep 19 12:43:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	259148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225443	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	160522	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
35) Dibromofluoromethane	5.50	113	148359	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
50) Toluene-d8	8.71	98	486441	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
62) 4-Bromofluorobenzene	11.14	95	171722	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	

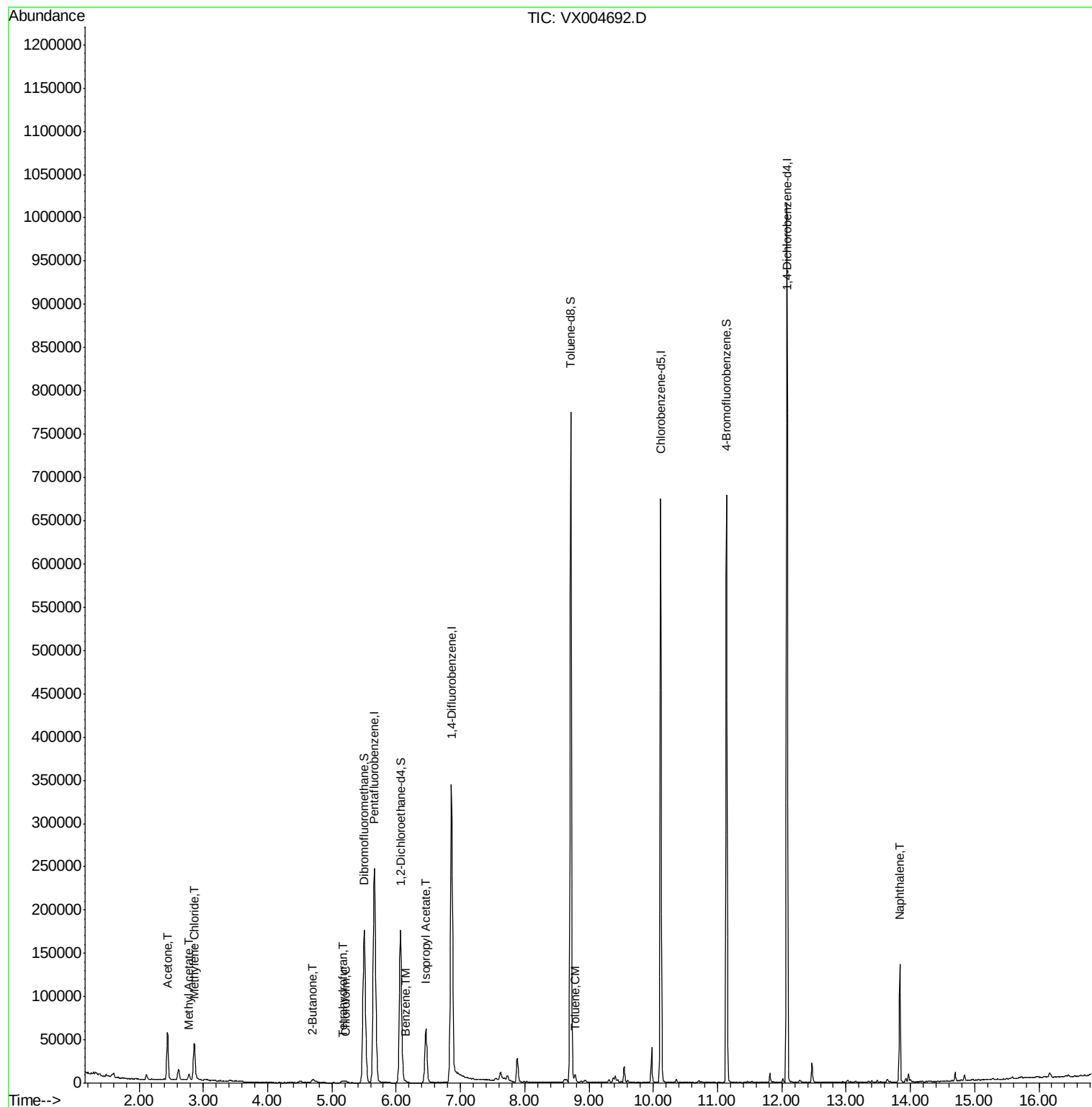
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	56090	34.39	ug/l	97
18) Methyl Acetate	2.78	43	8353	1.83	ug/l	99
20) Methylene Chloride	2.85	84	21086	6.30	ug/l	95
25) 2-Butanone	4.70	43	7812	3.01	ug/l	96
29) Tetrahydrofuran	5.17	42	1877	1.20	ug/l #	87
30) Chloroform	5.21	83	2452	0.44	ug/l #	81
40) Benzene	6.15	78	2668	0.21	ug/l	93
43) Isopropyl Acetate	6.46	43	77511	12.05	ug/l	99
52) Toluene	8.79	92	2255	0.30	ug/l	98
95) Naphthalene	13.83	128	84418	5.48	ug/l	99

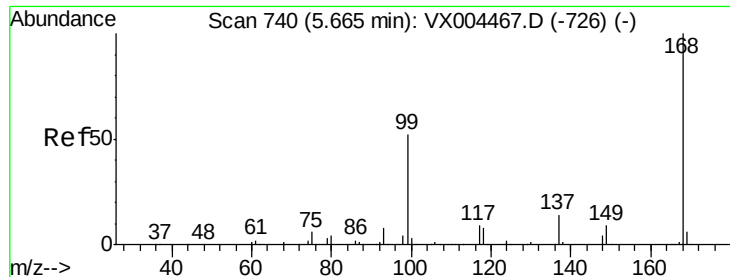
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

Instrument :

MSVOA_X

ClientSampled :

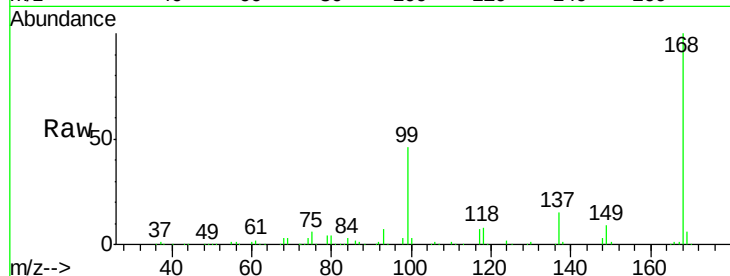
97-20

Tot Ion:168 Resp: 259148

Ion Ratio Lower Upper

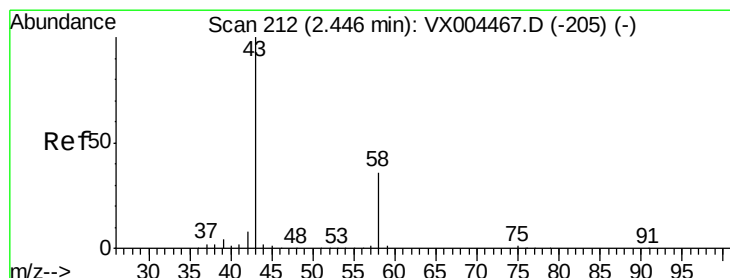
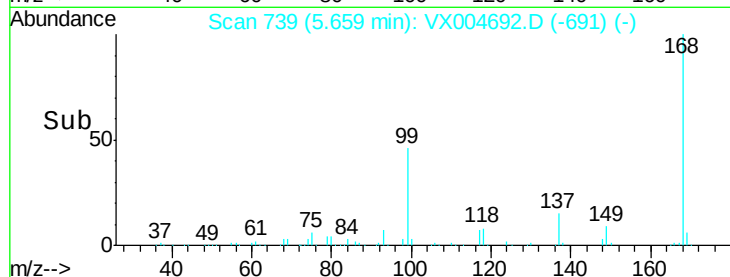
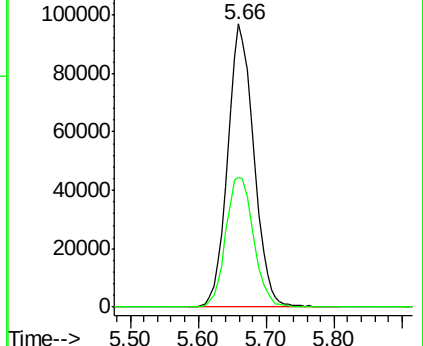
168 100

99 46.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 34.39 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004692.D

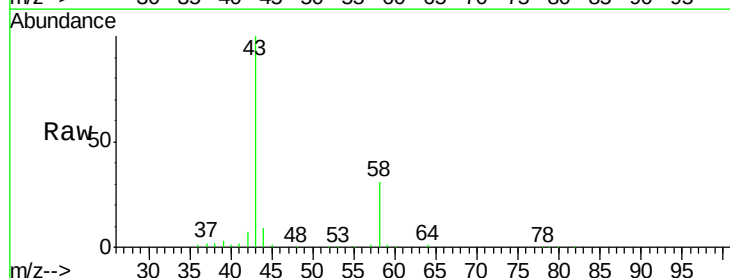
Acq: 19 Sep 2018 07:22

Tgt Ion: 43 Resp: 56090

Ion Ratio Lower Upper

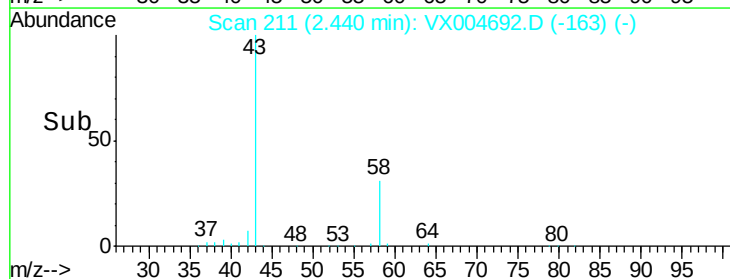
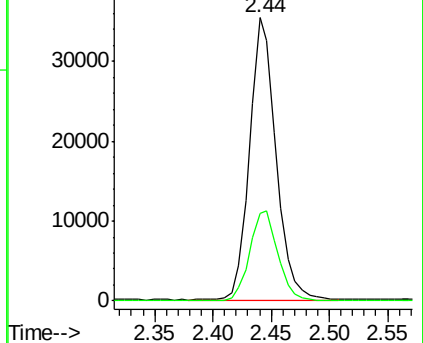
43 100

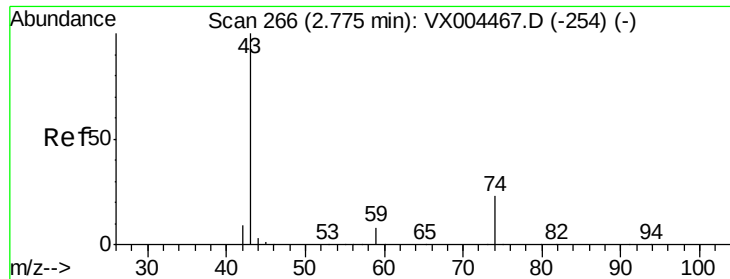
58 31.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

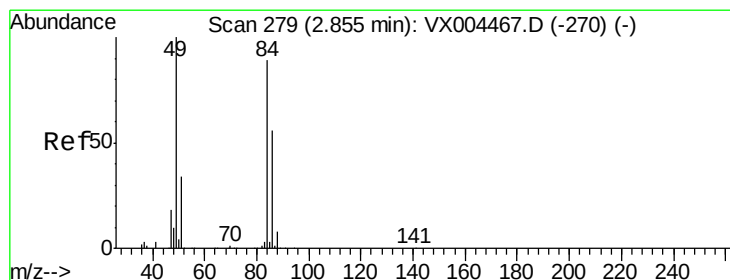
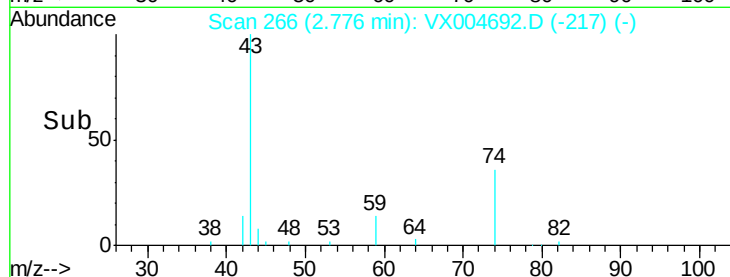
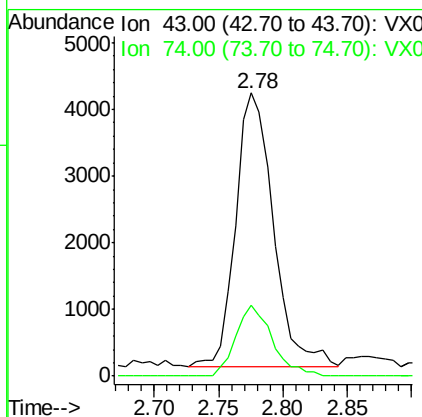
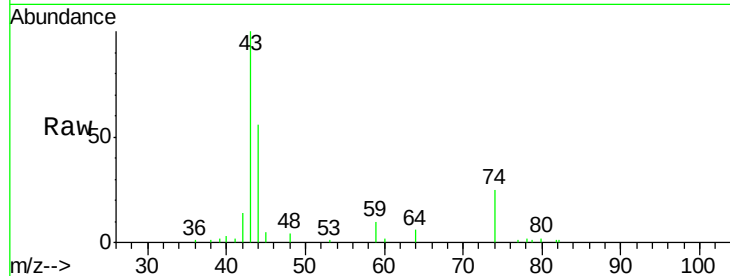




#18
Methvl Acetate
Concen: 1.83 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004692.D
Acq: 19 Sep 2018 07:22

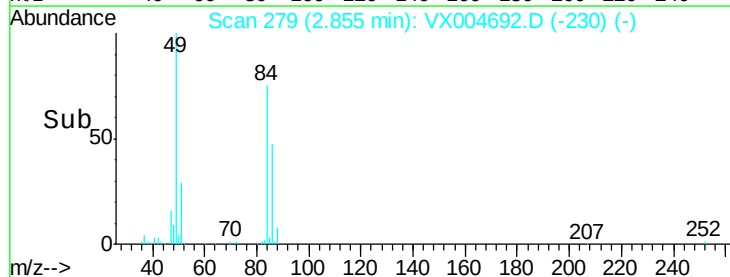
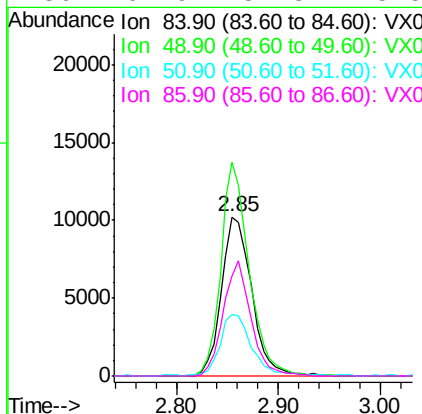
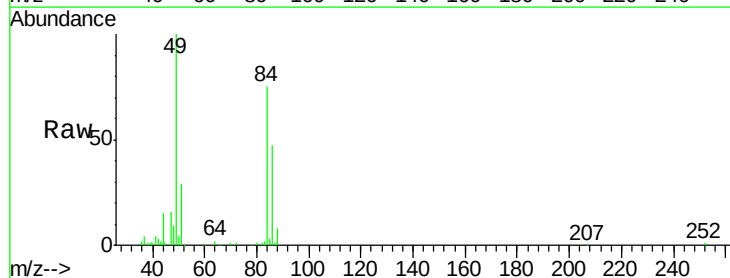
Instrument :
MSVOA_X
ClientSampleId :
97-20

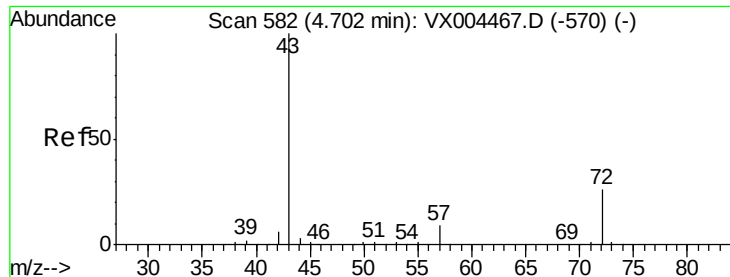
Tot Ion: 43 Resp: 8353
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2



#20
Methylene Chloride
Concen: 6.30 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004692.D
Acq: 19 Sep 2018 07:22

Tgt Ion: 84 Resp: 21086
Ion Ratio Lower Upper
84 100
49 134.1 101.2 151.8
51 37.8 29.5 44.3
86 62.9 52.3 78.5





#25

2-Butanone

Concen: 3.01 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

Instrument :

MSVOA_X

ClientSampled :

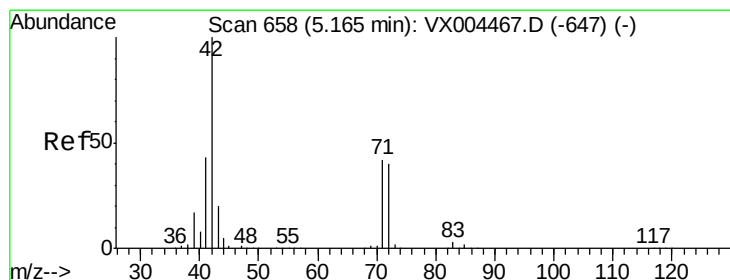
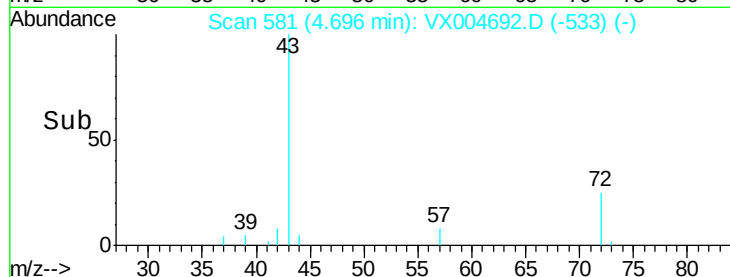
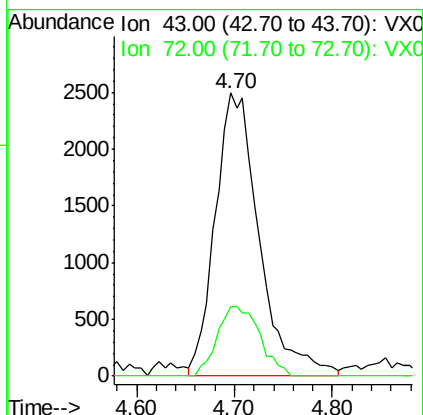
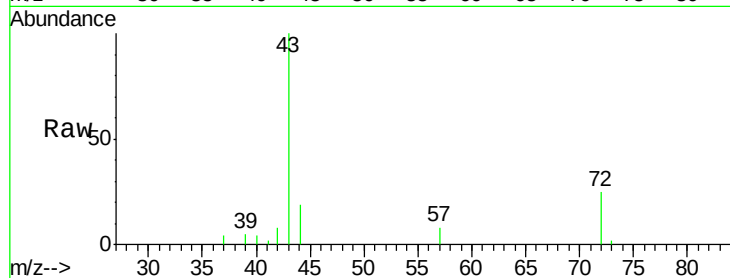
97-20

Tot Ion: 43 Resp: 7812

Ion Ratio Lower Upper

43 100

72 25.4 22.0 33.0



#29

Tetrahydrofuran

Concen: 1.20 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

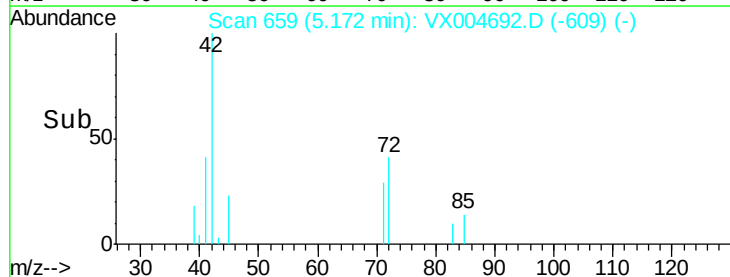
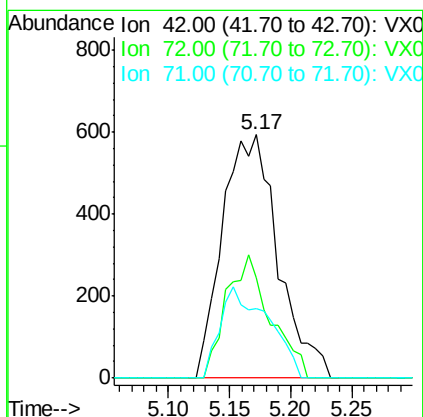
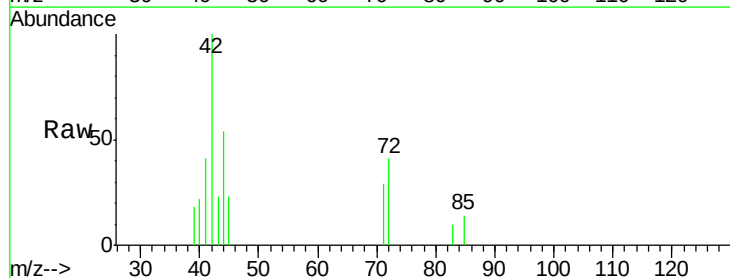
Tgt Ion: 42 Resp: 1877

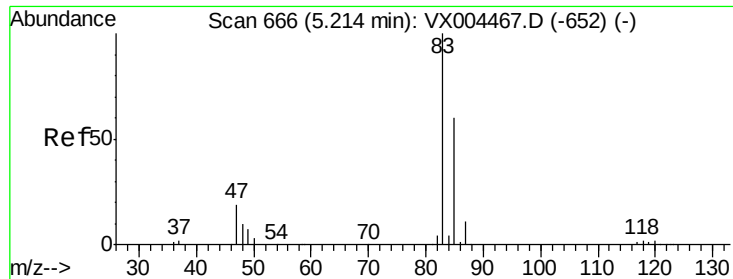
Ion Ratio Lower Upper

42 100

72 39.7 37.4 56.0

71 32.4 34.5 51.7#

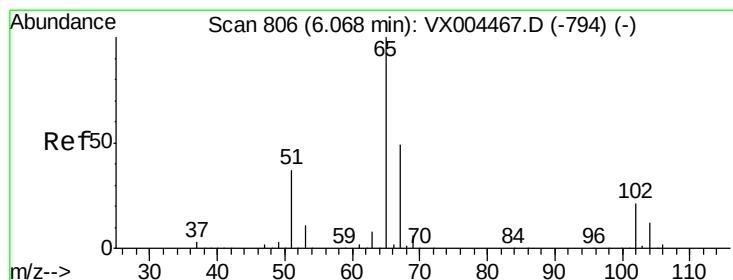
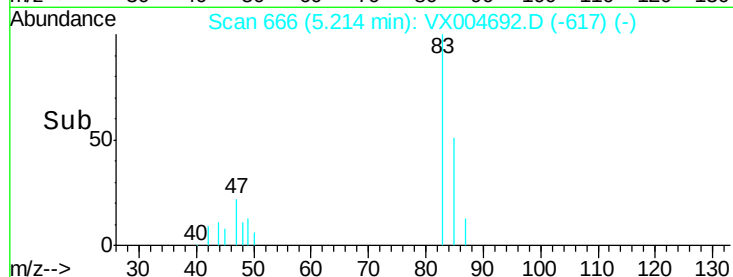
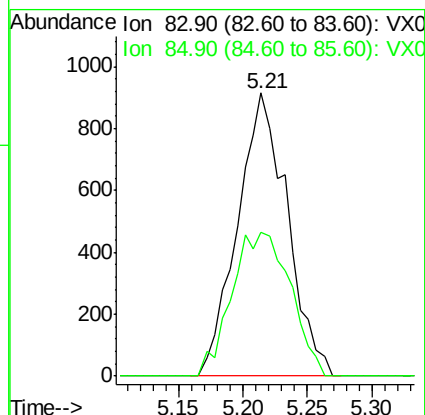
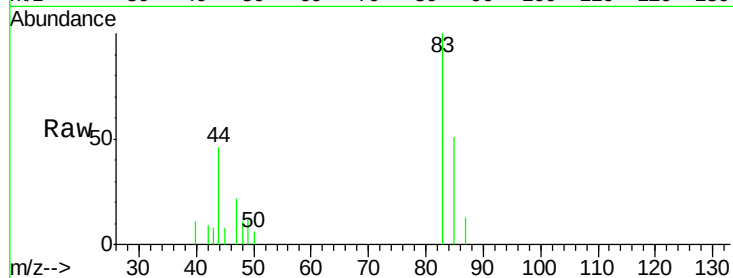




#30
Chloroform
Concen: 0.44 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004692.D
Acq: 19 Sep 2018 07:22

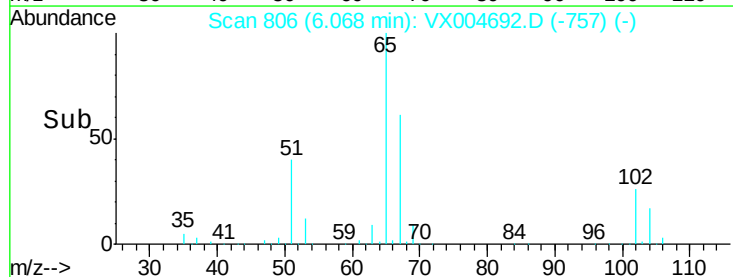
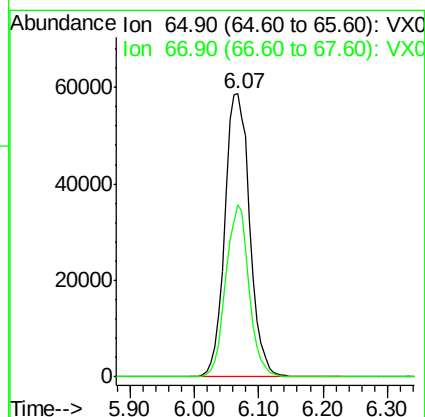
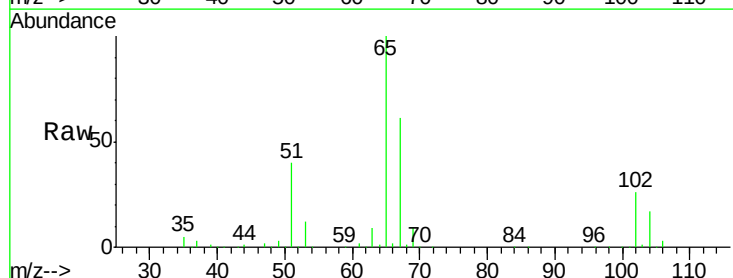
Instrument :
MSVOA_X
ClientSampleId :
97-20

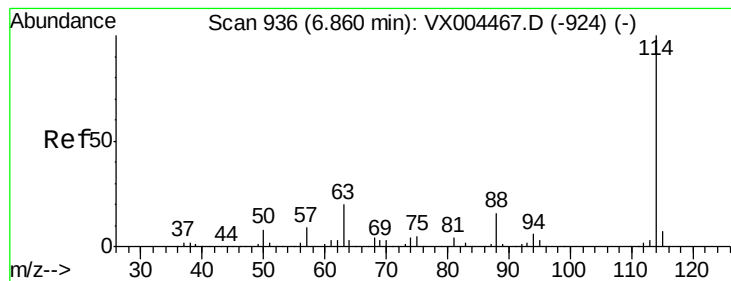
Tot Ion: 83 Resp: 2452
Ion Ratio Lower Upper
83 100
85 50.8 52.6 79.0#



#33
1,2-Dichloroethane-d4
Concen: 48.04 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004692.D
Acq: 19 Sep 2018 07:22

Tgt Ion: 65 Resp: 160522
Ion Ratio Lower Upper
65 100
67 56.5 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

Instrument :

MSVOA_X

ClientSampleId :

97-20

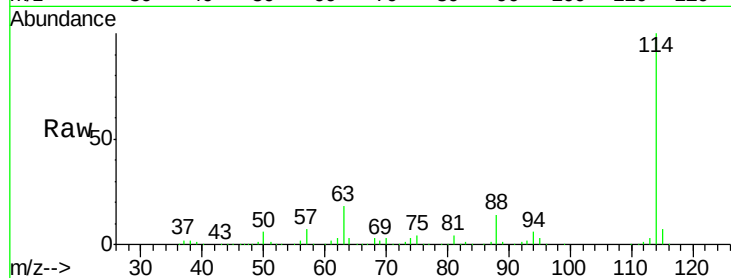
Tot Ion:114 Resp: 350715

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.0

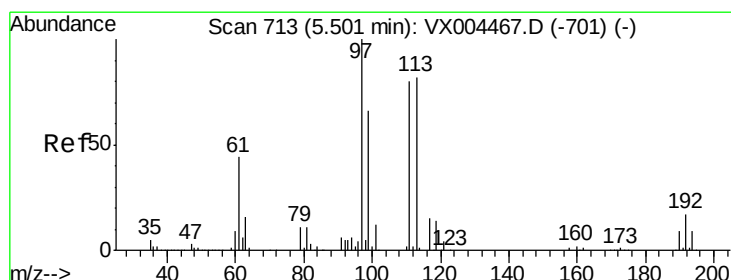
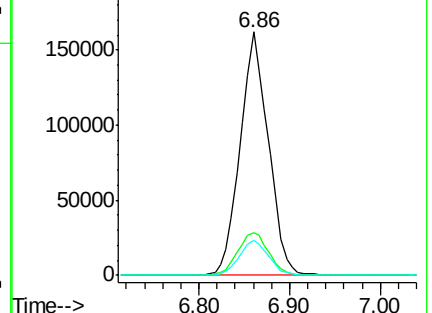
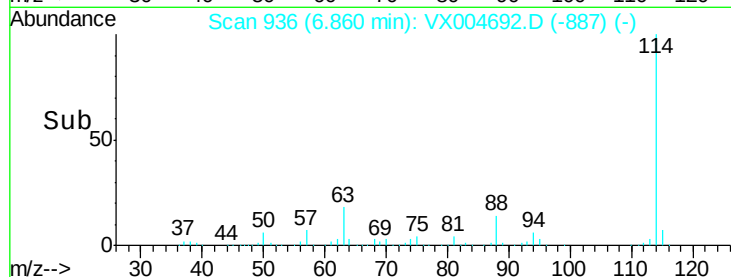
88 14.3 0.0 30.4



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: 46.23 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

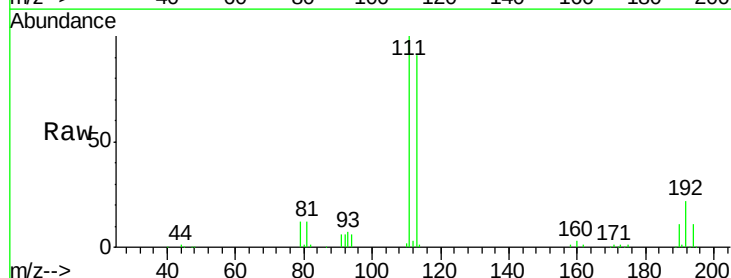
Tgt Ion:113 Resp: 148359

Ion Ratio Lower Upper

113 100

111 106.6 82.4 123.6

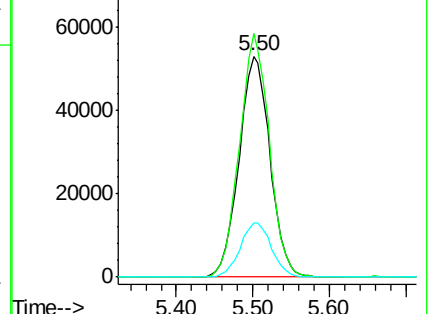
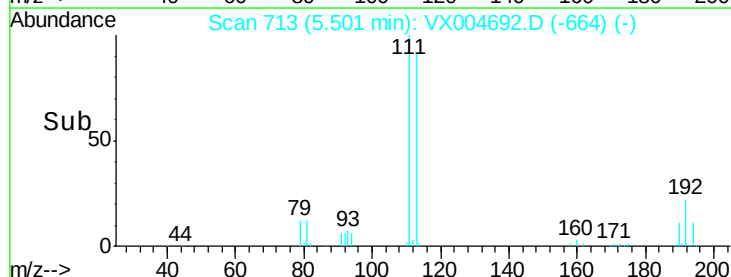
192 24.8 19.4 29.2

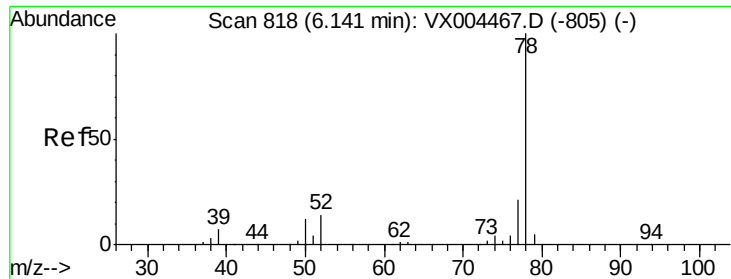


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.21 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

Instrument :

MSVOA_X

ClientSampled :

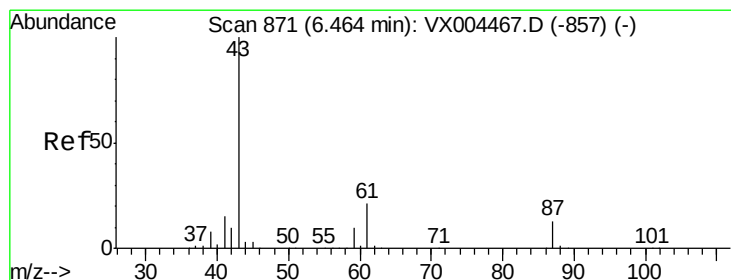
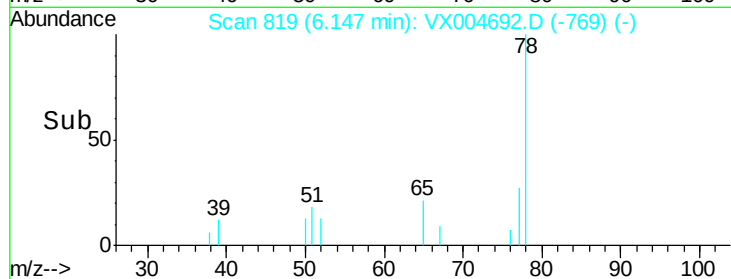
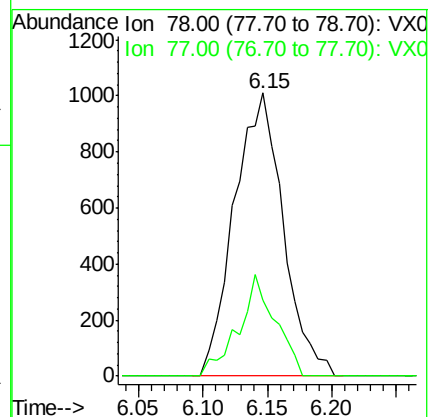
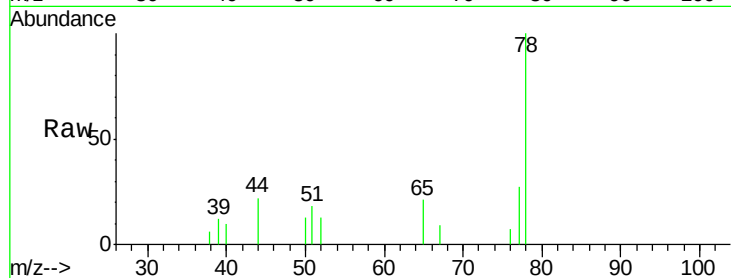
97-20

Tot Ion: 78 Resp: 2668

Ion Ratio Lower Upper

78 100

77 27.0 19.0 28.4



#43

Isopropyl Acetate

Concen: 12.05 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

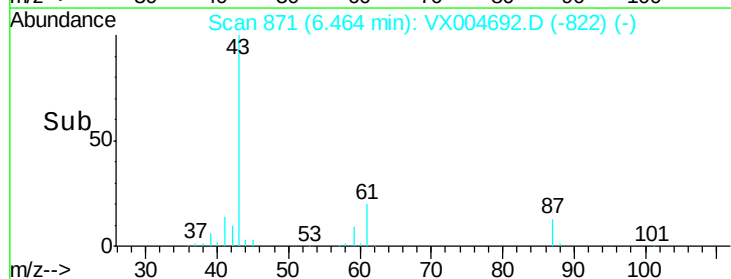
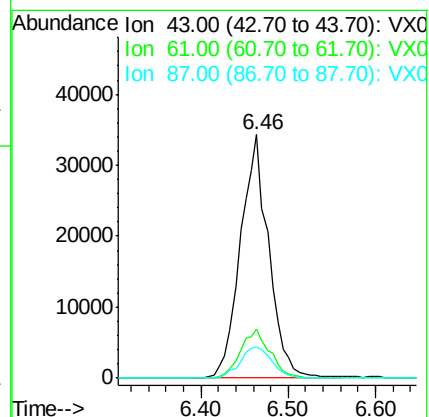
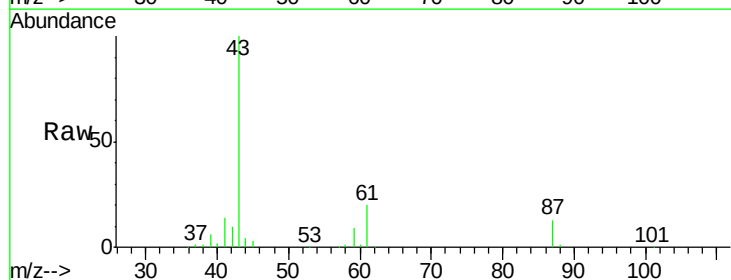
Tgt Ion: 43 Resp: 77511

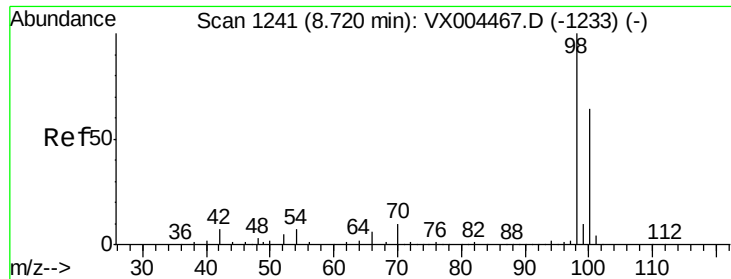
Ion Ratio Lower Upper

43 100

61 20.8 17.0 25.4

87 14.3 11.4 17.2

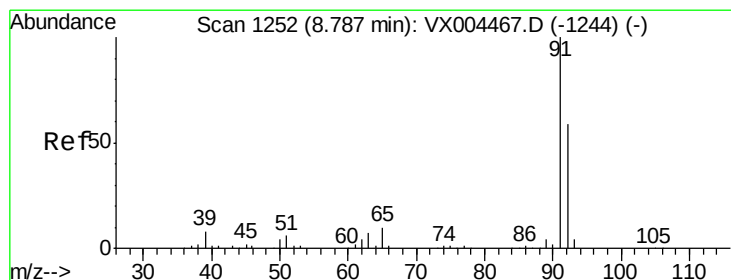
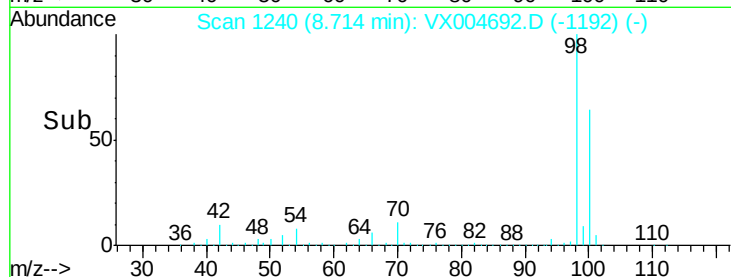
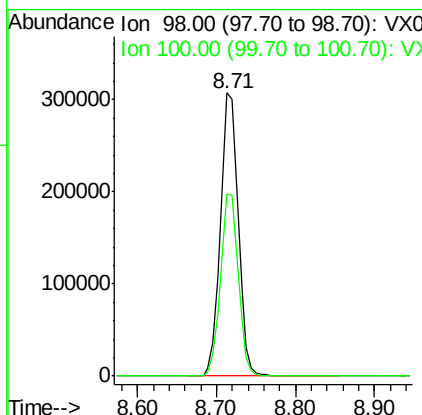
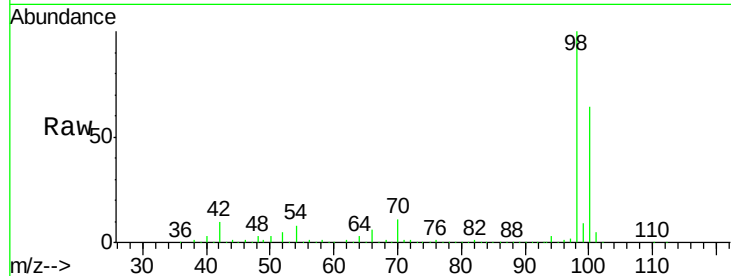




#50
Toluene-d8
Concen: 45.20 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004692.D
Acq: 19 Sep 2018 07:22

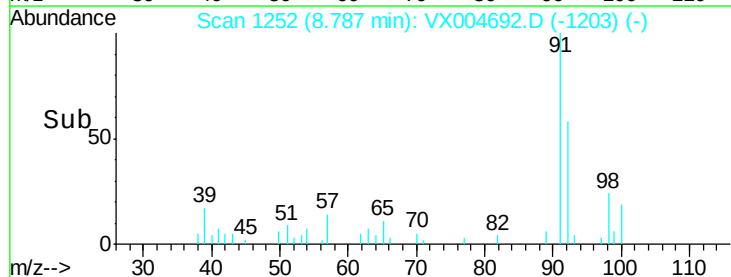
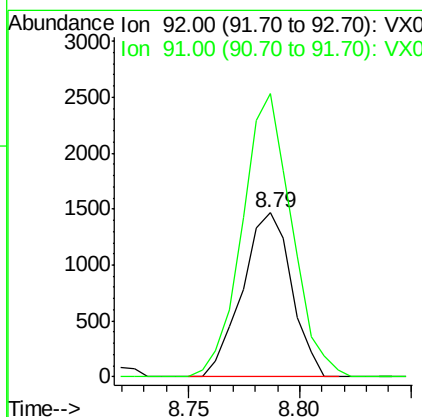
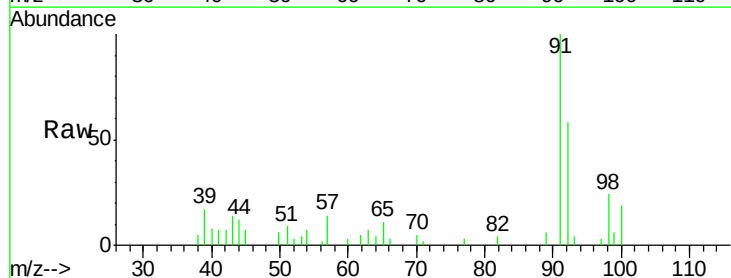
Instrument :
MSVOA_X
ClientSampleId :
97-20

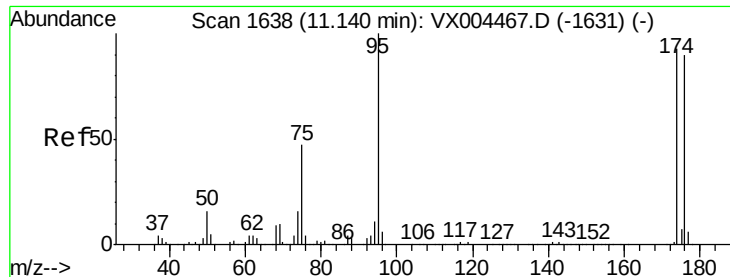
Tot Ion: 98 Resp: 486441
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



#52
Toluene
Concen: 0.30 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004692.D
Acq: 19 Sep 2018 07:22

Tgt Ion: 92 Resp: 2255
Ion Ratio Lower Upper
92 100
91 173.2 136.4 204.6

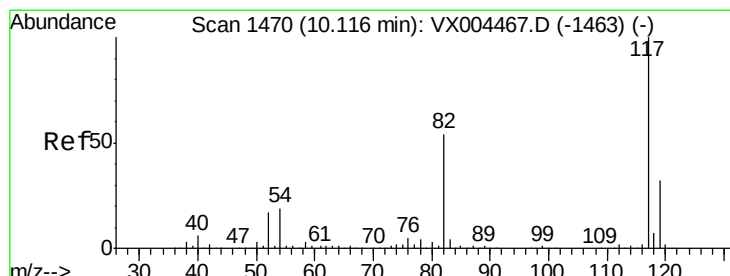
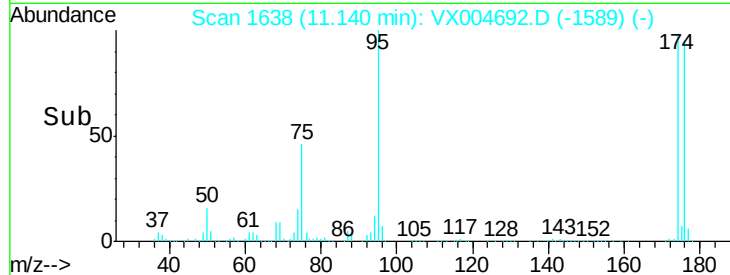
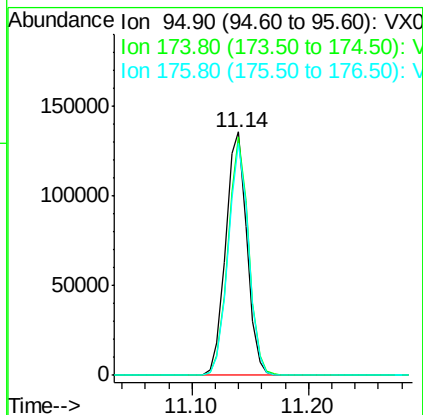
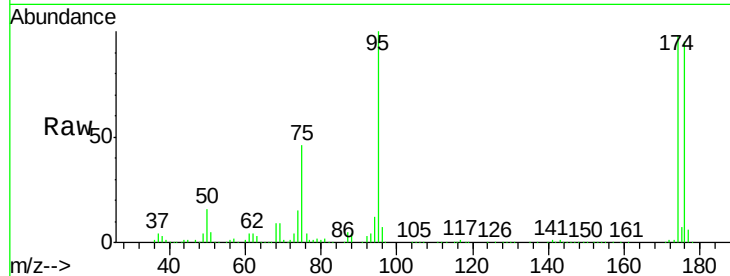




#62
4-Bromofluorobenzene
Concen: 44.70 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004692.D
Acq: 19 Sep 2018 07:22

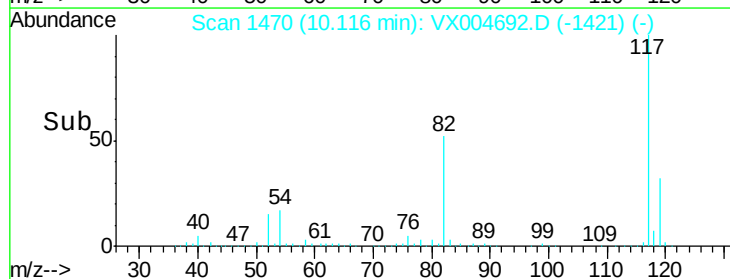
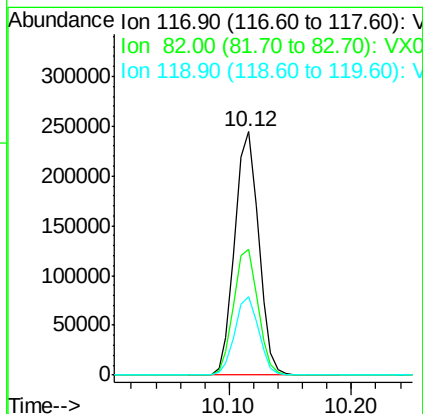
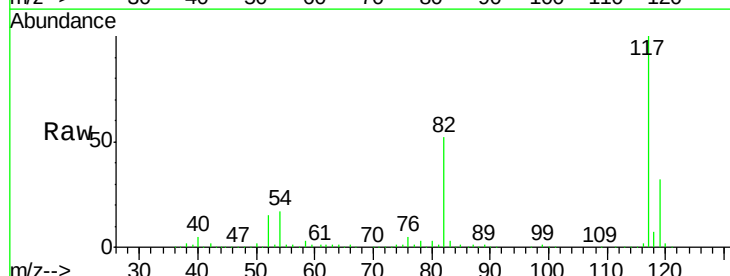
Instrument :
MSVOA_X
ClientSampleId :
97-20

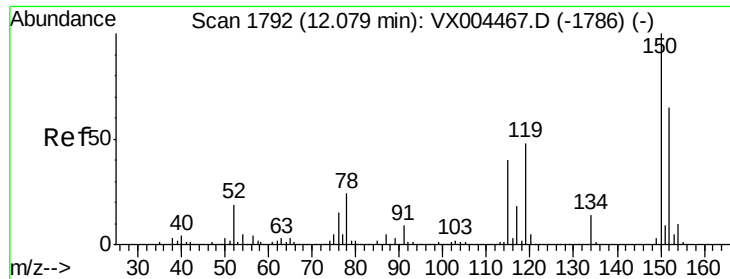
Tot Ion: 95 Resp: 171722
Ion Ratio Lower Upper
95 100
174 95.3 0.0 185.2
176 92.0 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004692.D
Acq: 19 Sep 2018 07:22

Tgt Ion: 117 Resp: 330834
Ion Ratio Lower Upper
117 100
82 51.6 47.8 71.6
119 32.2 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

Instrument :

MSVOA_X

ClientSampleId :

97-20

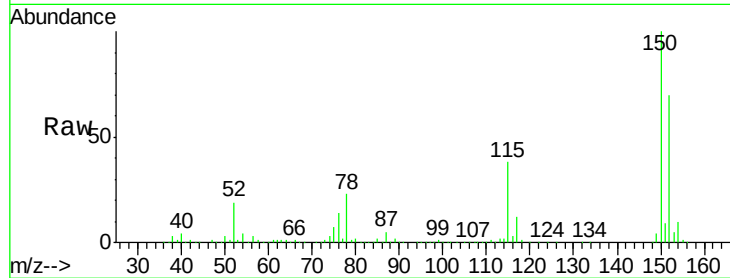
Tot Ion:152 Resp: 225443

Ion Ratio Lower Upper

152 100

115 54.3 39.0 117.0

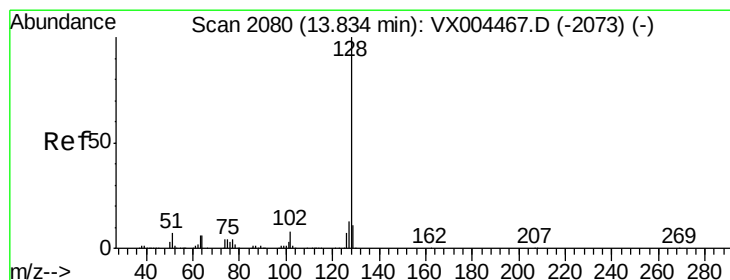
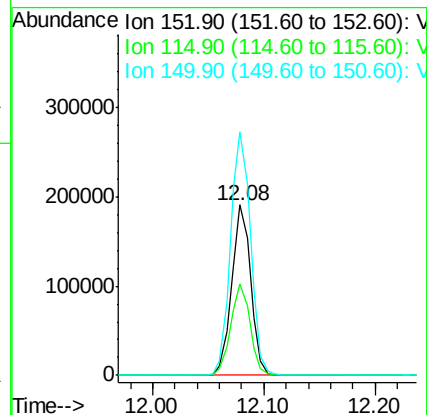
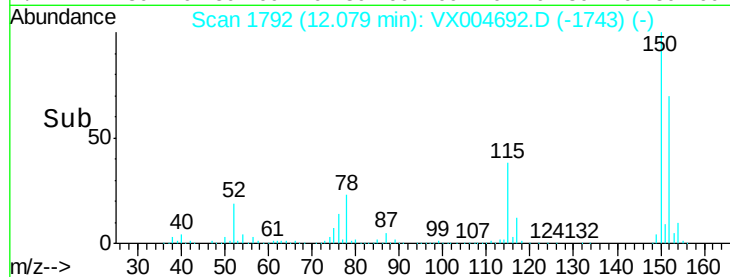
150 150.2 0.0 351.0



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



#95

Naphthalene

Concen: 5.48 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004692.D

Acq: 19 Sep 2018 07:22

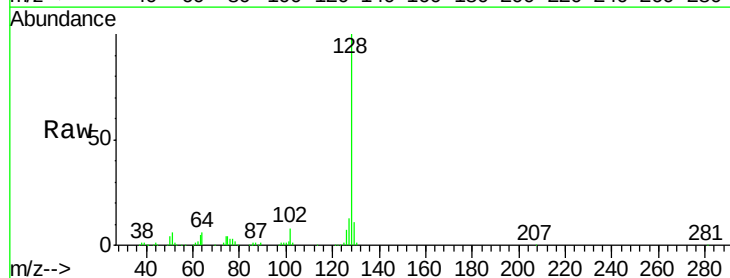
Tgt Ion:128 Resp: 84418

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.6 8.6 12.8



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

