

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003087.D
 Acq On : 30 Jun 2018 18:56
 Operator : JC/MD
 Sample : J3738-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0042

Quant Time: Jul 02 04:06:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	410866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225590	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	190263	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
35) Dibromofluoromethane	5.51	113	155413	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
50) Toluene-d8	8.72	98	577435	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	212540	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	

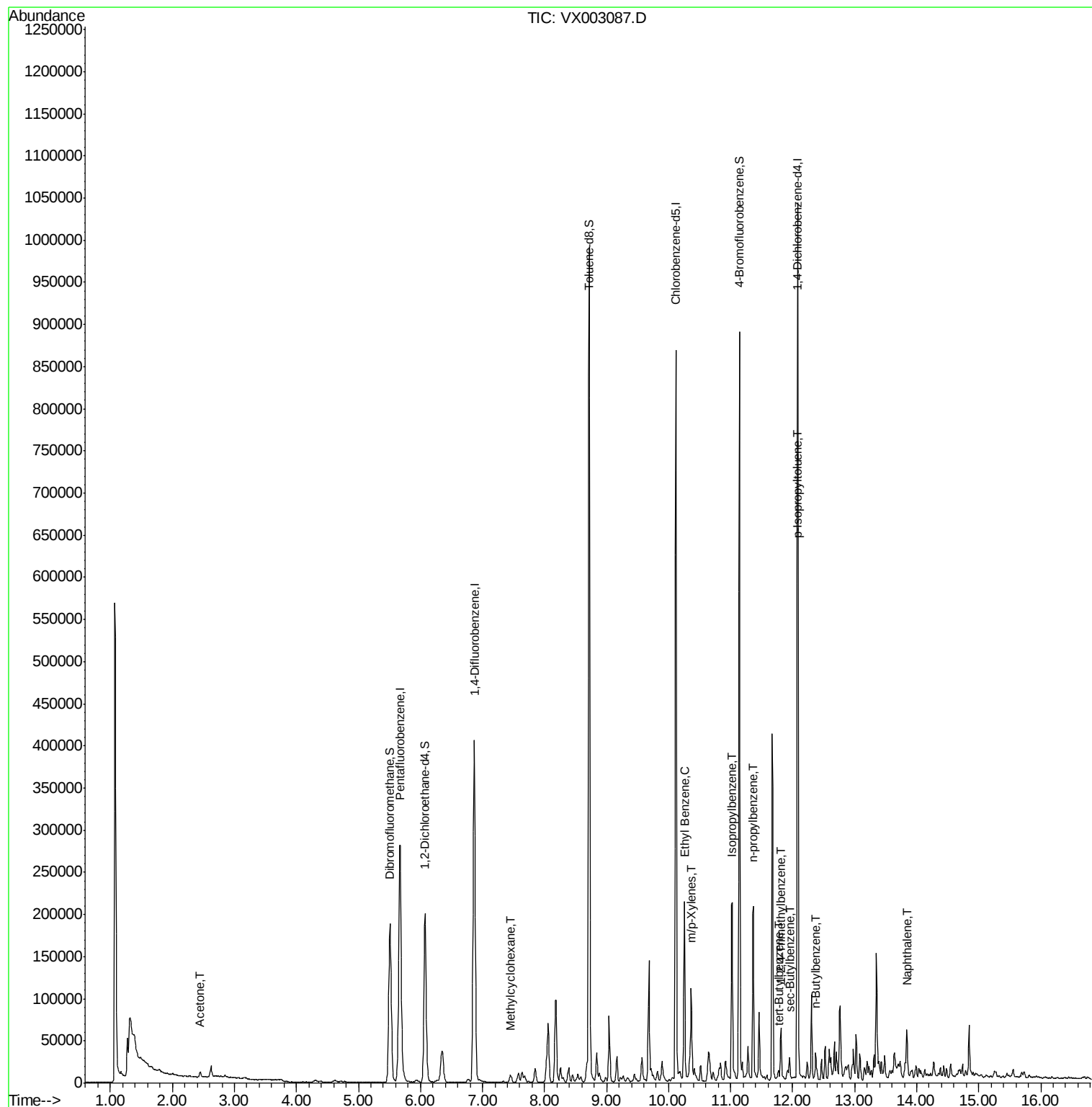
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7531	4.53	ug/l	94
39) Methylcyclohexane	7.46	83	2297	0.44	ug/l #	75
67) Ethyl Benzene	10.26	91	112537	6.94	ug/l	98
68) m/p-Xylenes	10.37	106	15881	2.54	ug/l	96
73) Isopropylbenzene	11.02	105	110806	7.30	ug/l	100
78) n-propylbenzene	11.37	91	124277	7.19	ug/l	100
83) tert-Butylbenzene	11.77	119	2964	0.24	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	24699	1.86	ug/l	95
85) sec-Butylbenzene	11.95	105	11354	0.74	ug/l	87
86) p-Isopropyltoluene	12.07	119	8029	0.58	ug/l	86
89) n-Butylbenzene	12.38	91	2705	0.23	ug/l #	45
95) Naphthalene	13.84	128	35130	2.27	ug/l #	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
Data File : VX003087.D
Acq On : 30 Jun 2018 18:56
Operator : JC/MD
Sample : J3738-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S22-0042

Quant Time: Jul 02 04:06:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003087.D

Acq: 30 Jun 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

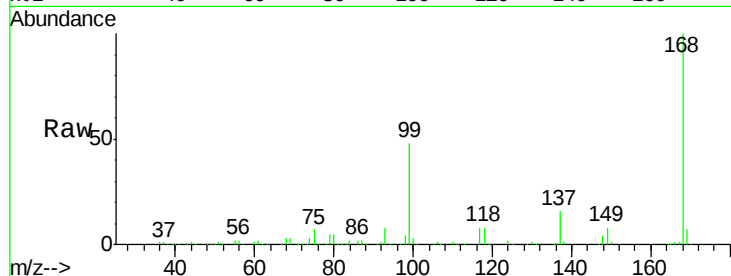
S22-0042

Tot Ion:168 Resp: 290579

Ion Ratio Lower Upper

168 100

99 47.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

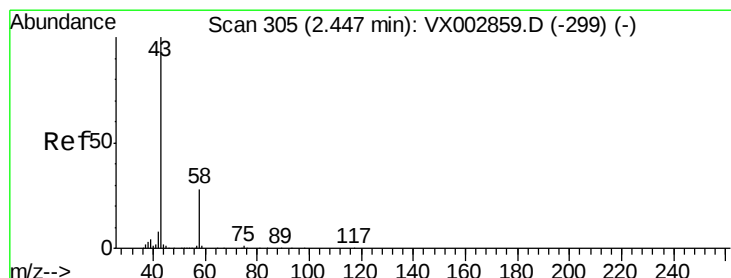
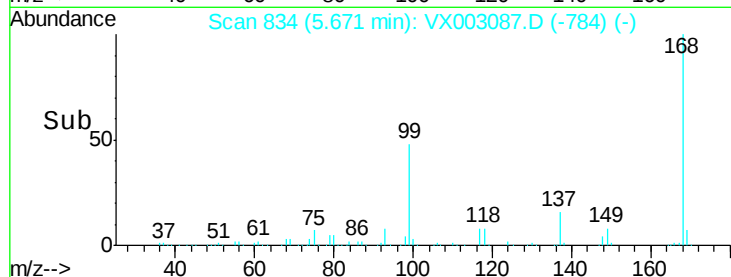
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 4.53 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003087.D

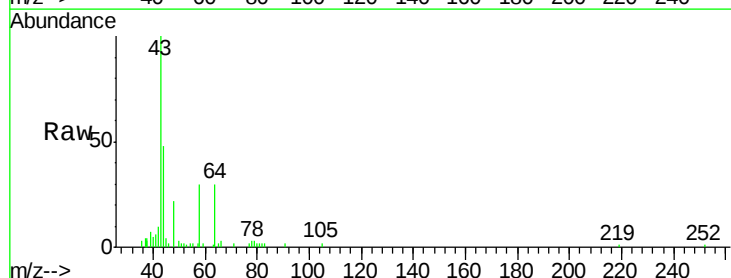
Acq: 30 Jun 2018 18:56

Tgt Ion: 43 Resp: 7531

Ion Ratio Lower Upper

43 100

58 30.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

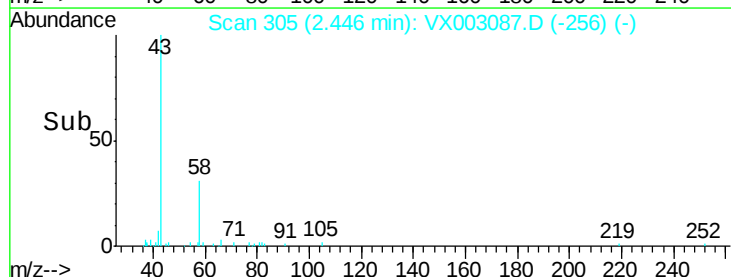
2000

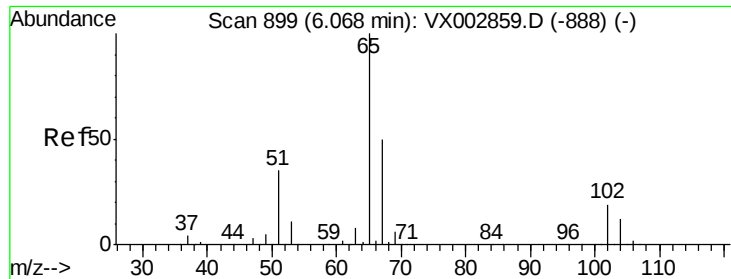
1000

0

2.35 2.40 2.45 2.50 2.55

Time-->

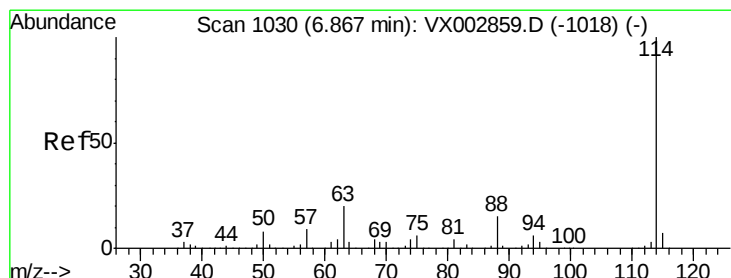
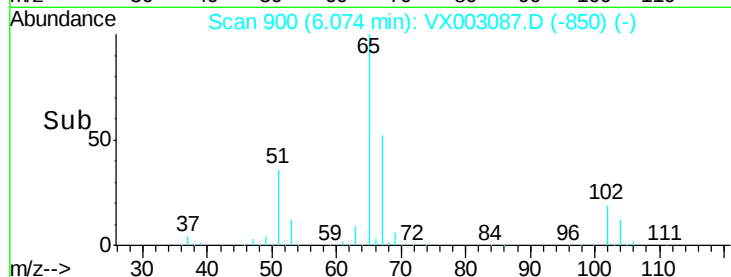
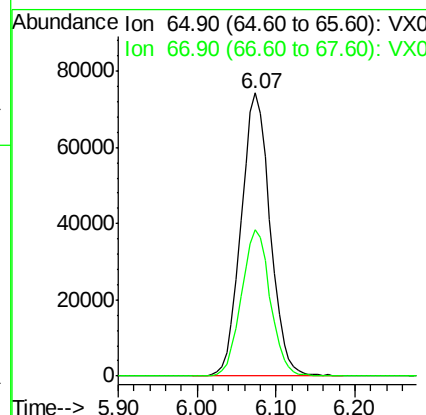
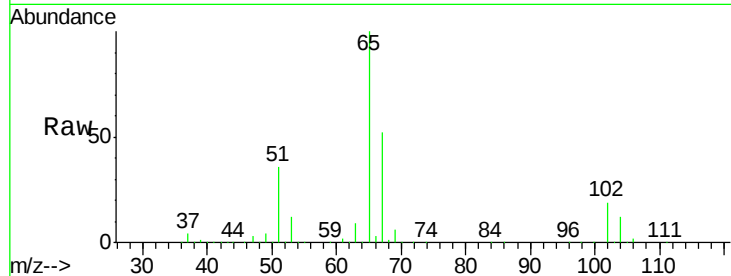




#33
 1,2-Dichloroethane-d4
 Concen: 47.37 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003087.D
 Acq: 30 Jun 2018 18:56

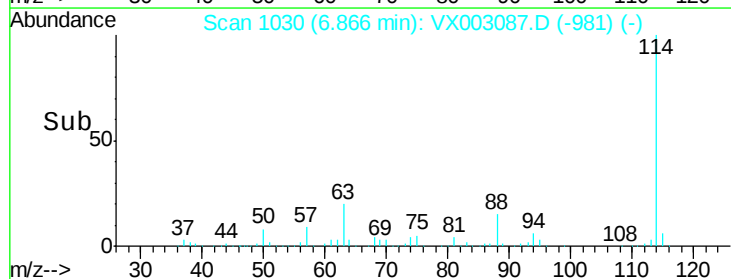
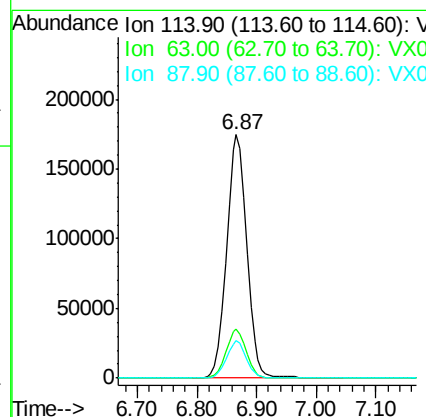
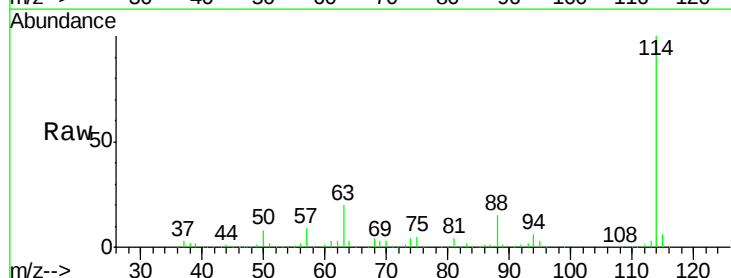
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0042

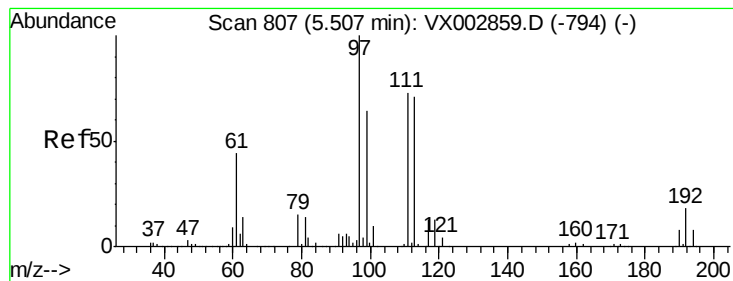
Tot Ion: 65 Resp: 190263
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003087.D
 Acq: 30 Jun 2018 18:56

Tgt Ion: 114 Resp: 410866
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.77 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003087.D

Acq: 30 Jun 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

S22-0042

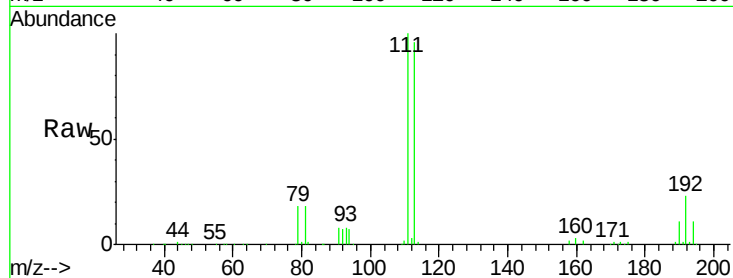
Tot Ion:113 Resp: 155413

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

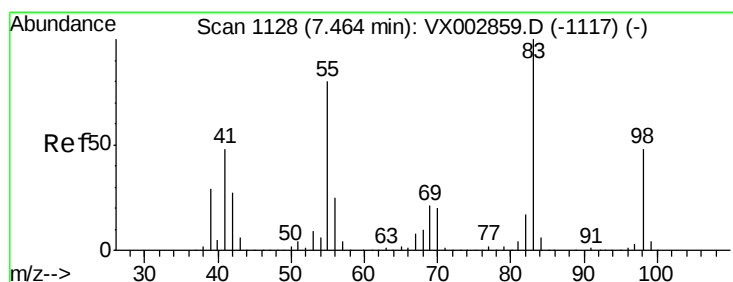
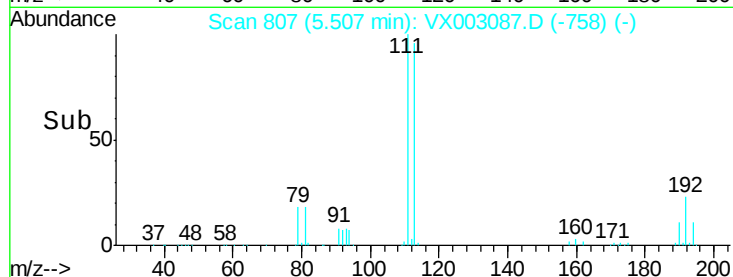
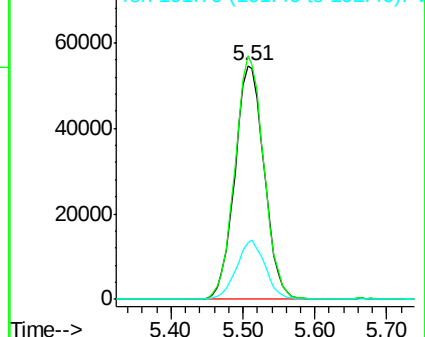
192 24.5 19.1 28.7



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



#39

Methylcyclohexane

Concen: 0.44 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003087.D

Acq: 30 Jun 2018 18:56

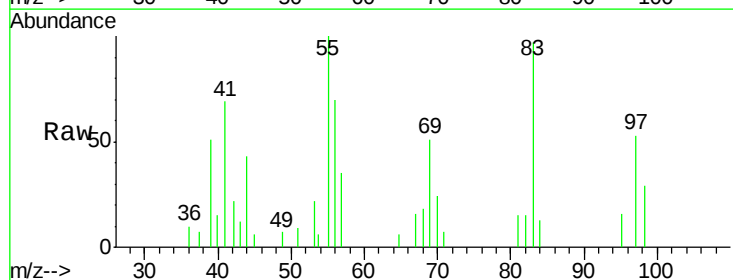
Tgt Ion: 83 Resp: 2297

Ion Ratio Lower Upper

83 100

55 103.0 65.4 98.0#

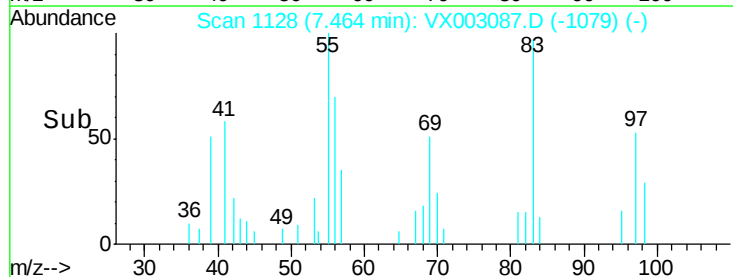
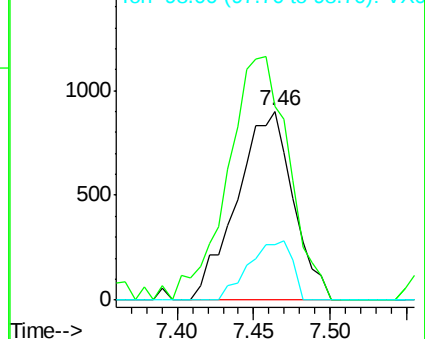
98 29.6 37.4 56.0#

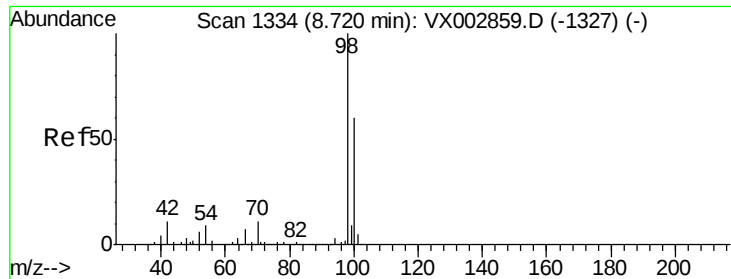


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003087.D

Acq: 30 Jun 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

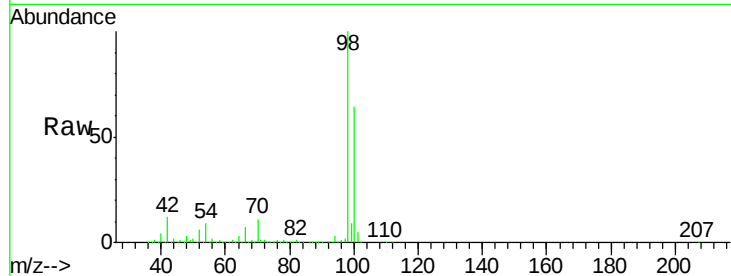
S22-0042

Tot Ion: 98 Resp: 577435

Ion Ratio Lower Upper

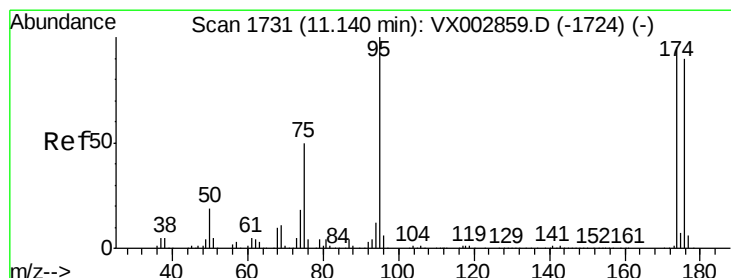
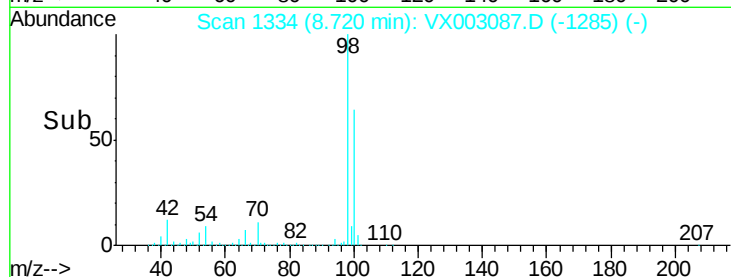
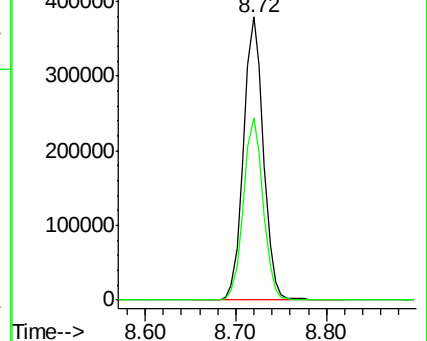
98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003087.D

Acq: 30 Jun 2018 18:56

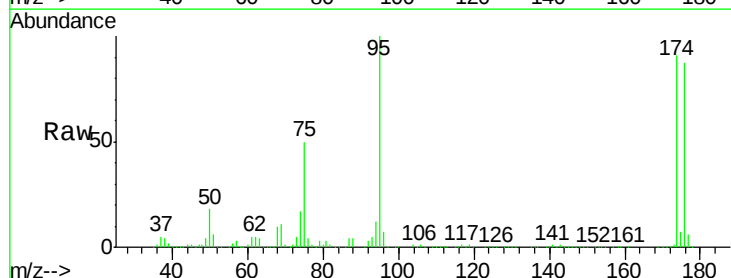
Tgt Ion: 95 Resp: 212540

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

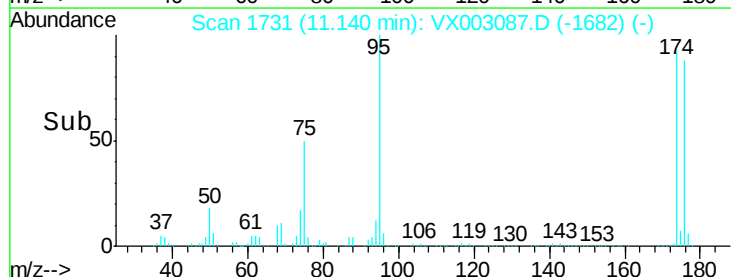
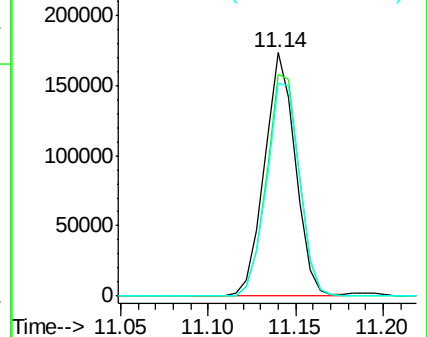
176 93.5 0.0 181.0

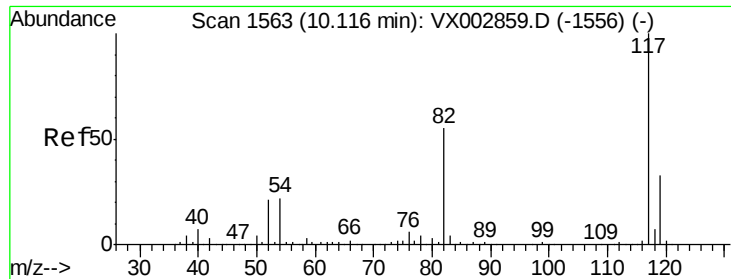


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

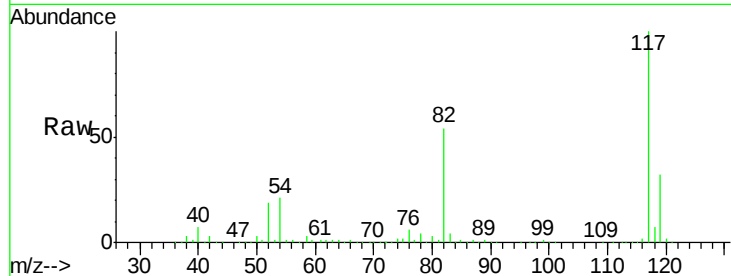




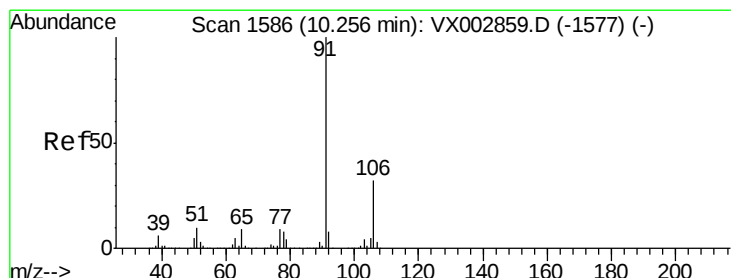
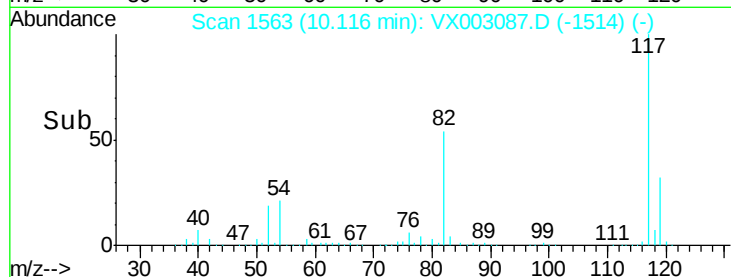
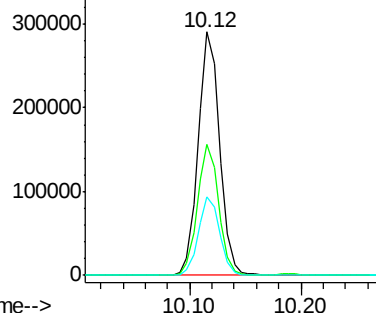
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003087.D
Acq: 30 Jun 2018 18:56

Instrument :
MSVOA_X
ClientSampled :
S22-0042

Tot Ion:117 Resp: 386691
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.1 25.8 38.6

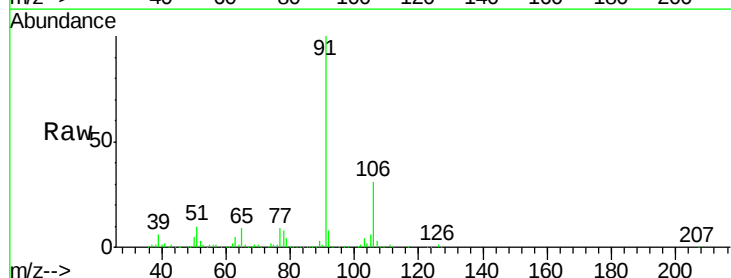


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

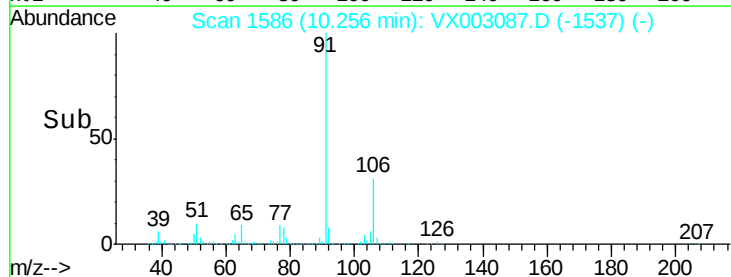
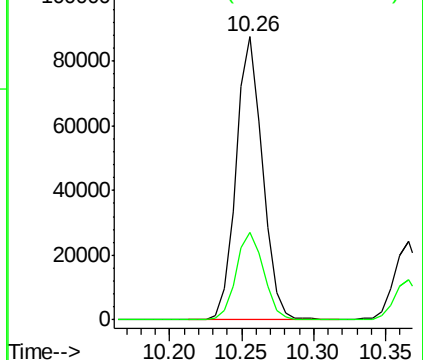


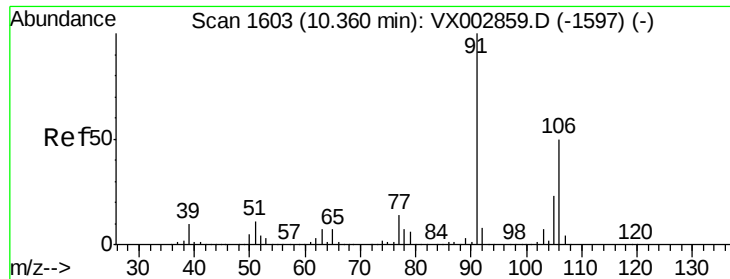
#67
Ethyl Benzene
Concen: 6.94 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003087.D
Acq: 30 Jun 2018 18:56

Tgt Ion: 91 Resp: 112537
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

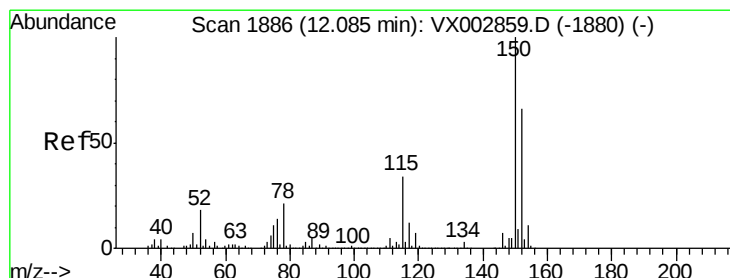
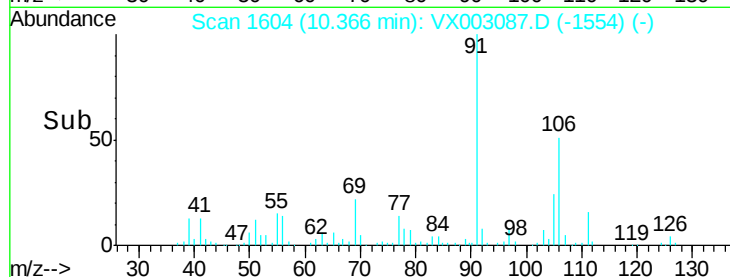
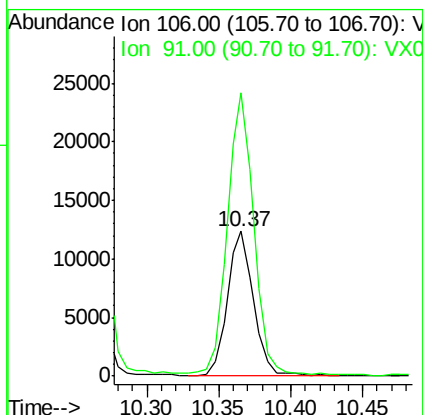
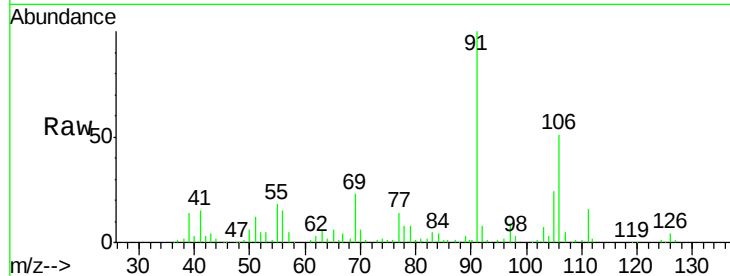




#68
m/p-Xvlenes
Concen: 2.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003087.D
Acq: 30 Jun 2018 18:56

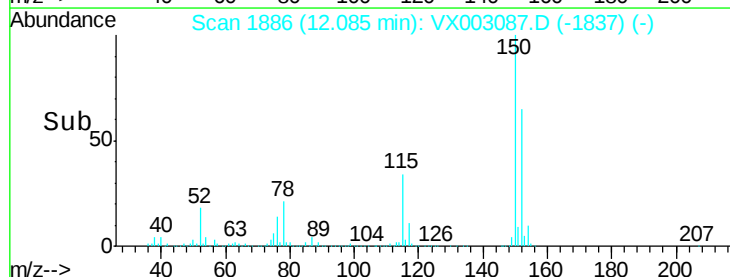
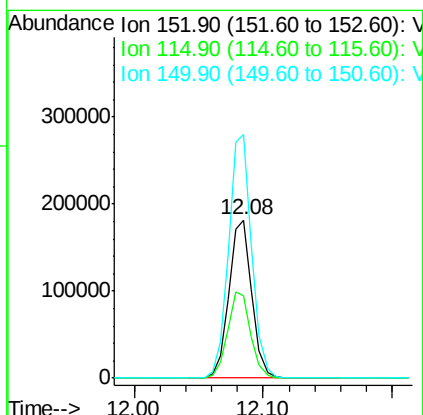
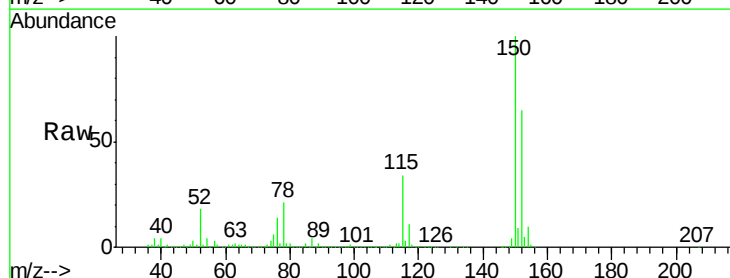
Instrument :
MSVOA_X
ClientSampled :
S22-0042

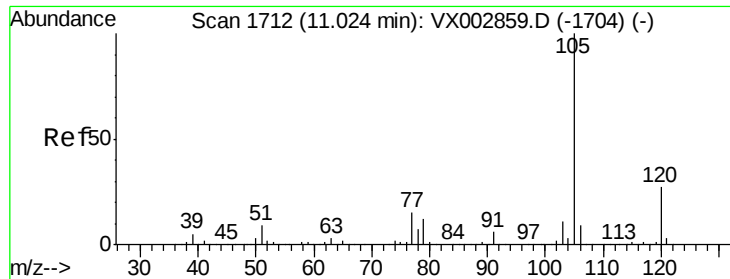
Tot Ion:106 Resp: 15881
Ion Ratio Lower Upper
106 100
91 198.3 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003087.D
Acq: 30 Jun 2018 18:56

Tgt Ion:152 Resp: 225590
Ion Ratio Lower Upper
152 100
115 55.1 40.1 120.2
150 155.7 0.0 347.2





#73

Isopropylbenzene

Concen: 7.30 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003087.D

Acq: 30 Jun 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

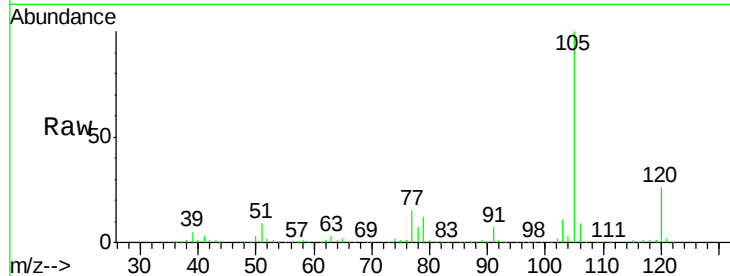
S22-0042

Tot Ion:105 Resp: 110806

Ion Ratio Lower Upper

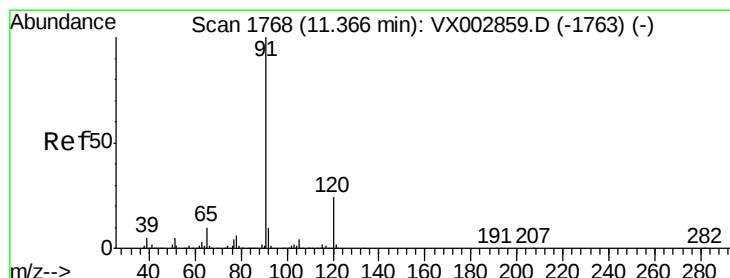
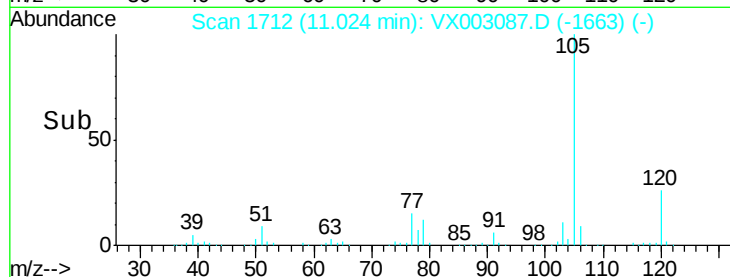
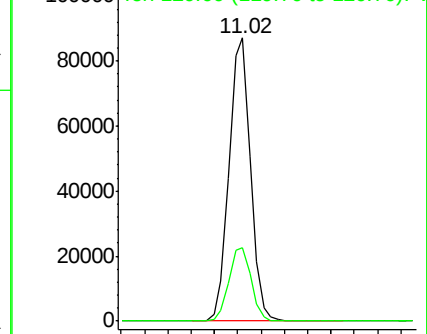
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 7.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003087.D

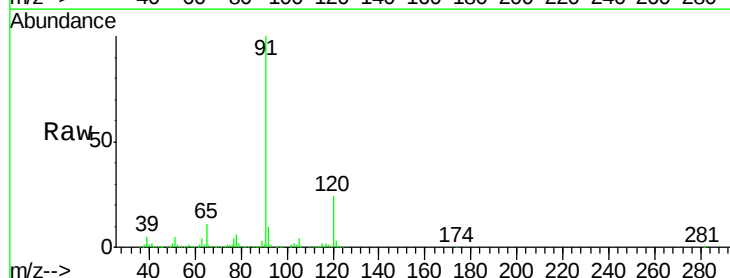
Acq: 30 Jun 2018 18:56

Tgt Ion: 91 Resp: 124277

Ion Ratio Lower Upper

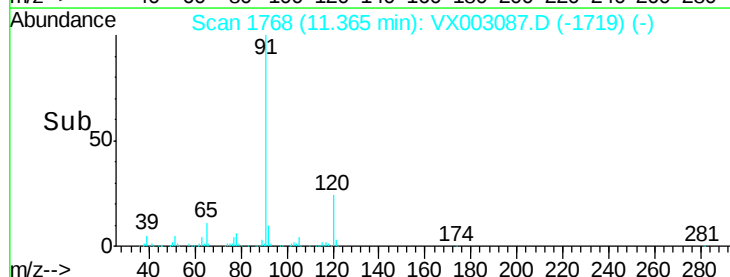
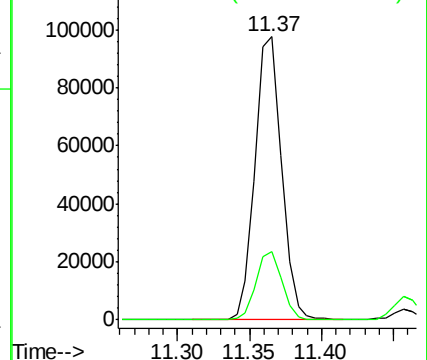
91 100

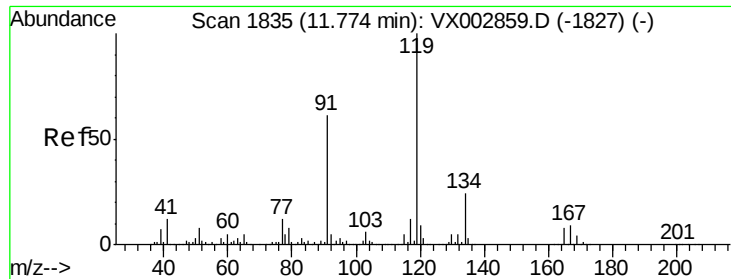
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

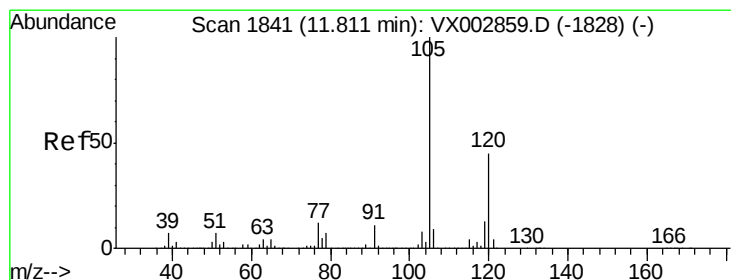
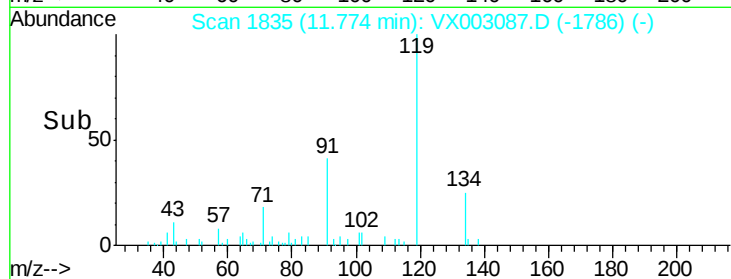
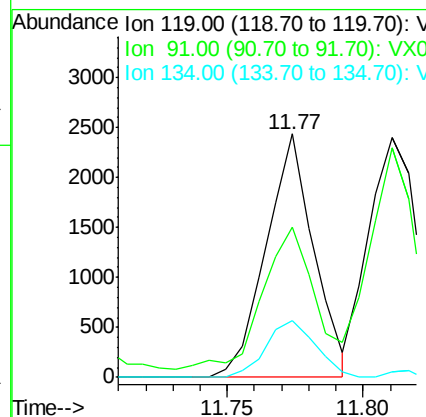
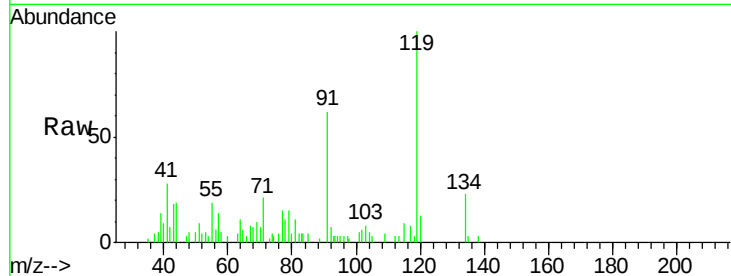




#83
tert-Butylbenzene
Concen: 0.24 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003087.D
Acq: 30 Jun 2018 18:56

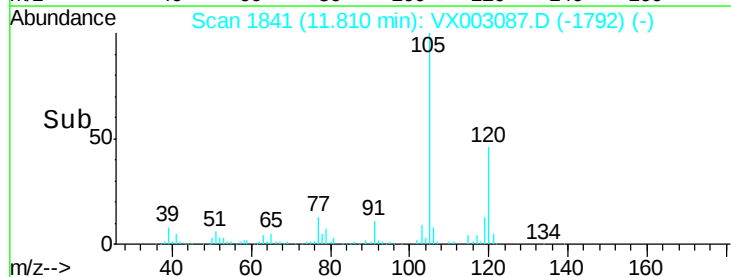
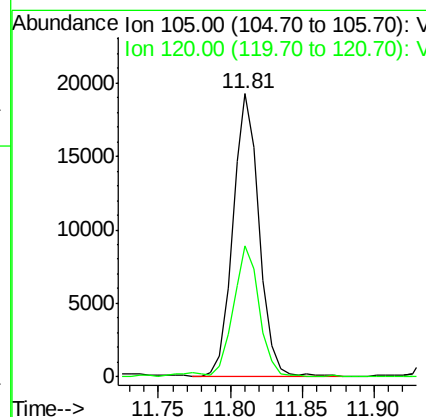
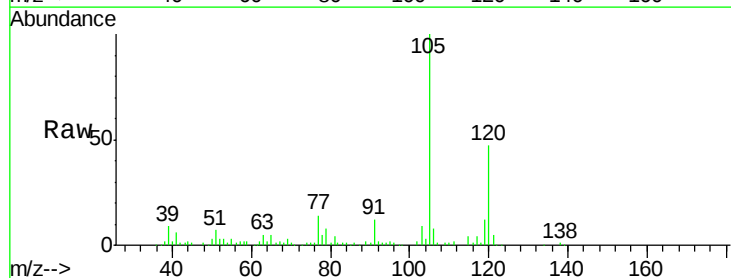
Instrument :
MSVOA_X
ClientSampled :
S22-0042

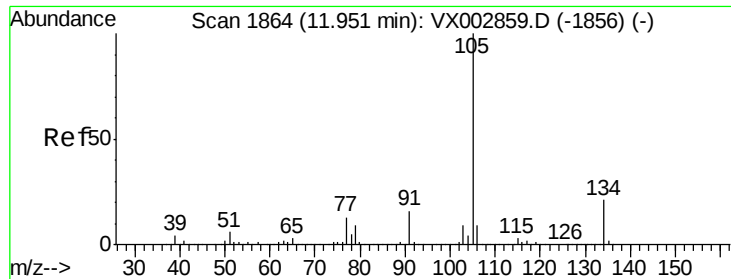
Tot Ion:119 Resp: 2964
Ion Ratio Lower Upper
119 100
91 63.1 30.3 90.9
134 24.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 1.86 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003087.D
Acq: 30 Jun 2018 18:56

Tgt Ion:105 Resp: 24699
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.74 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003087.D

Acq: 30 Jun 2018 18:56

Instrument :

MSVOA_X

ClientSampleId :

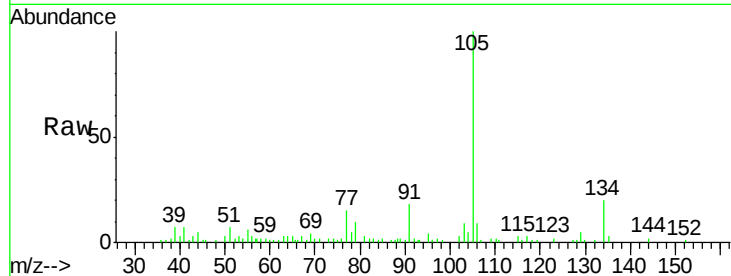
S22-0042

Tot Ion:105 Resp: 11354

Ion Ratio Lower Upper

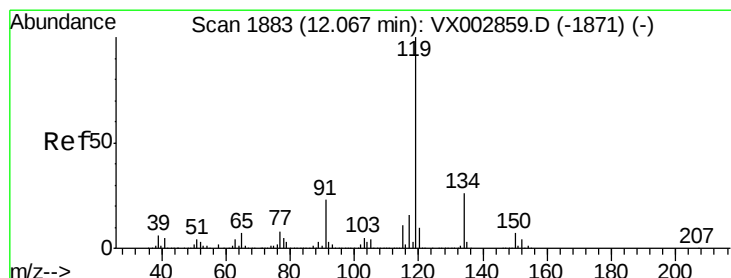
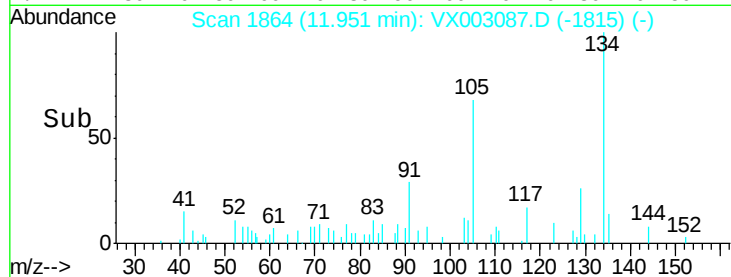
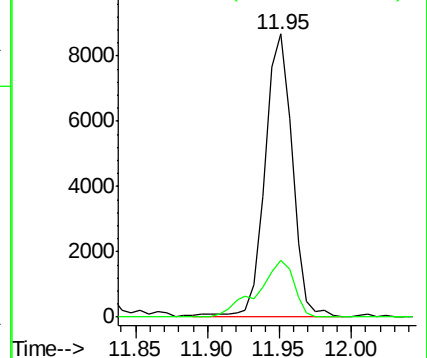
105 100

134 26.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003087.D

Acq: 30 Jun 2018 18:56

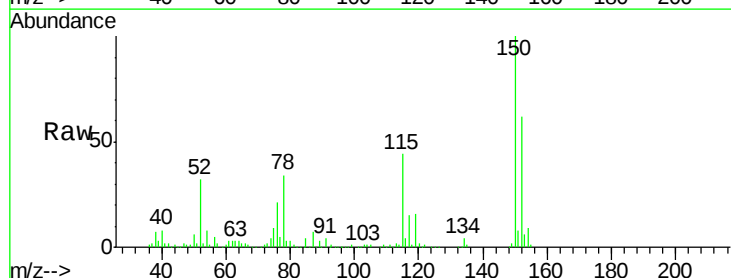
Tgt Ion:119 Resp: 8029

Ion Ratio Lower Upper

119 100

134 29.5 13.4 40.1

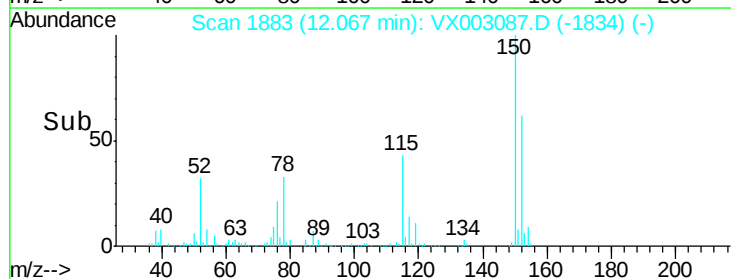
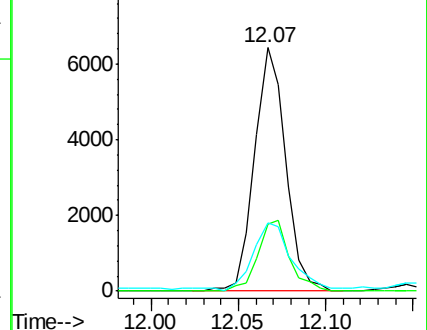
91 34.9 11.9 35.7

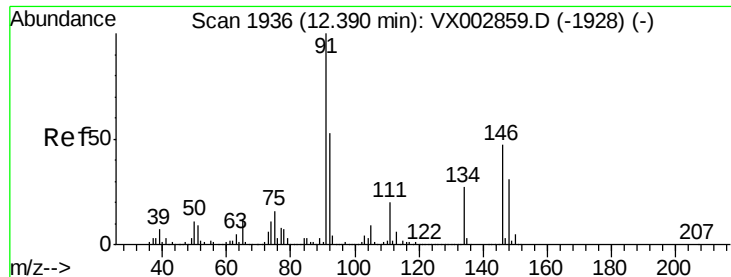


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

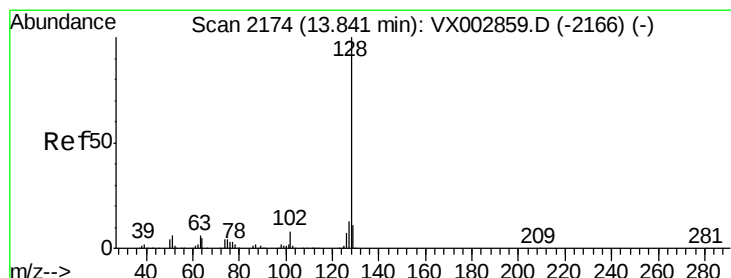
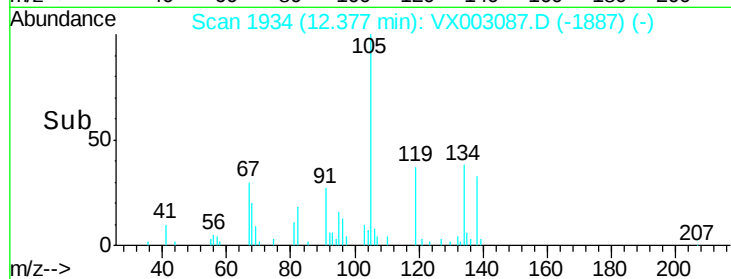
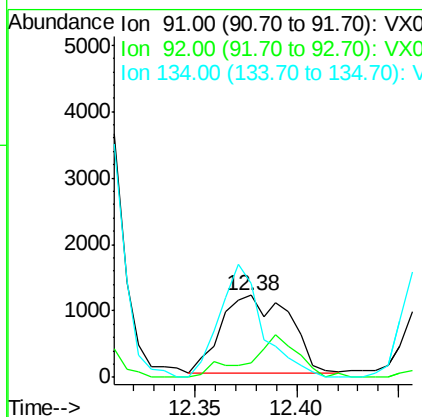
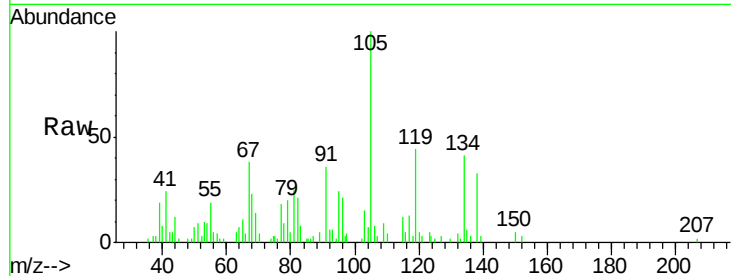




#89
n-Butylbenzene
Concen: 0.23 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX003087.D
Acq: 30 Jun 2018 18:56

Instrument :
MSVOA_X
ClientSampleId :
S22-0042

Tot Ion: 91 Resp: 2705
Ion Ratio Lower Upper
91 100
92 39.4 26.0 78.0
134 92.7 13.5 40.5#



#95
Naphthalene
Concen: 2.27 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003087.D
Acq: 30 Jun 2018 18:56

Tgt Ion: 128 Resp: 35130
Ion Ratio Lower Upper
128 100
127 14.6 10.4 15.6
129 15.0 8.6 13.0#

