

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006467.D
 Acq On : 13 Dec 2018 01:59
 Operator : JC/MD
 Sample : J6193-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-121018-B

Quant Time: Dec 13 07:34:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	673363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1048260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	971614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	481608	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	351890	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
35) Dibromofluoromethane	5.51	113	317250	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	1243190	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	467621	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	

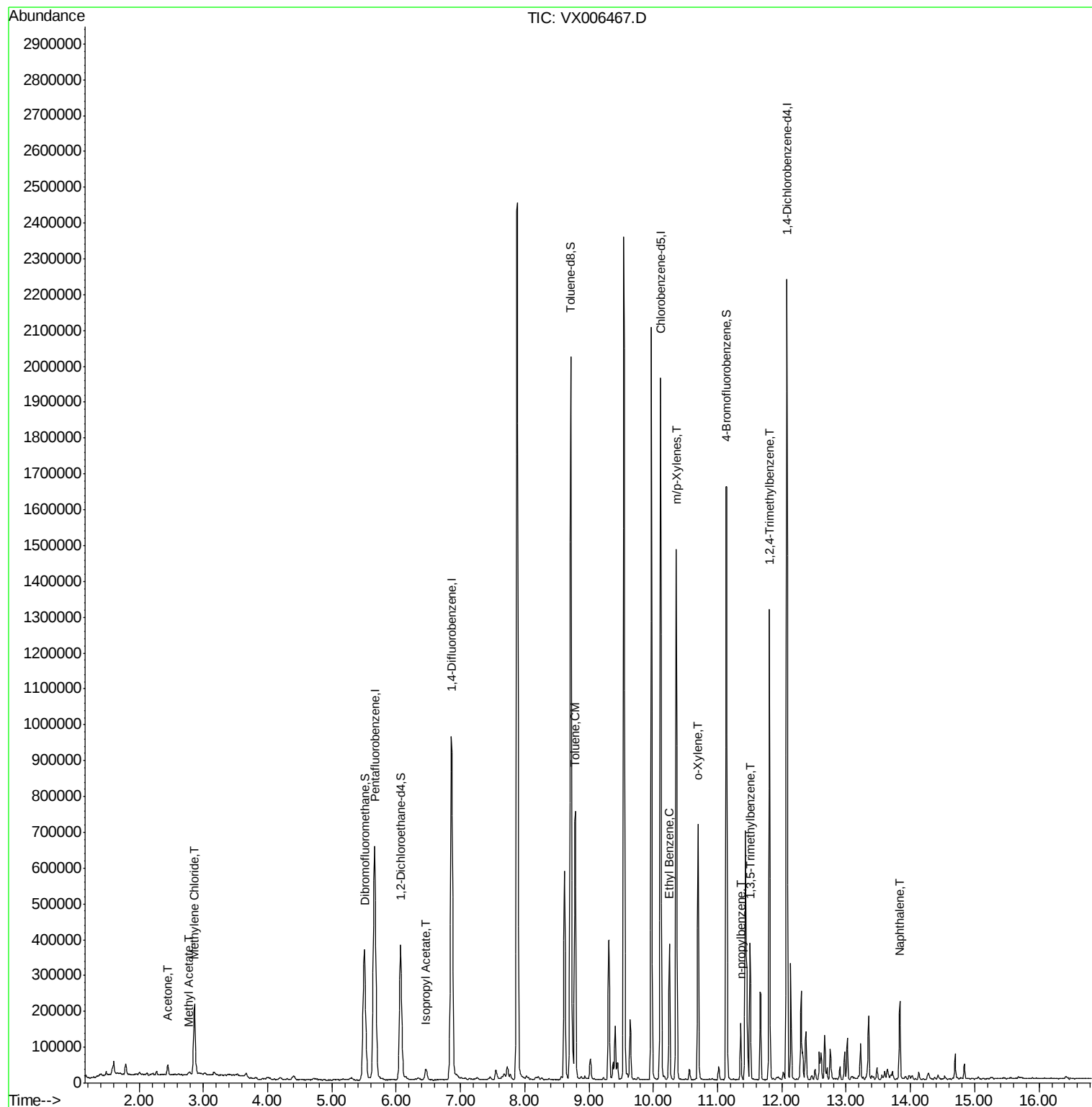
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	28153	8.727	ug/l	98
18) Methyl Acetate	2.78	43	11257	1.043	ug/l #	87
20) Methylene Chloride	2.86	84	87671	12.770	ug/l	91
43) Isopropyl Acetate	6.46	43	37970	2.304	ug/l	98
52) Toluene	8.79	92	292413	16.811	ug/l	98
67) Ethyl Benzene	10.25	91	227529	6.633	ug/l	98
68) m/p-Xylenes	10.36	106	383163	27.884	ug/l	99
69) o-Xylene	10.70	106	142742	10.517	ug/l	98
78) n-propylbenzene	11.36	91	96203	2.602	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	163018	5.891	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	586900	20.539	ug/l	99
95) Naphthalene	13.83	128	142995	3.866	ug/l	99

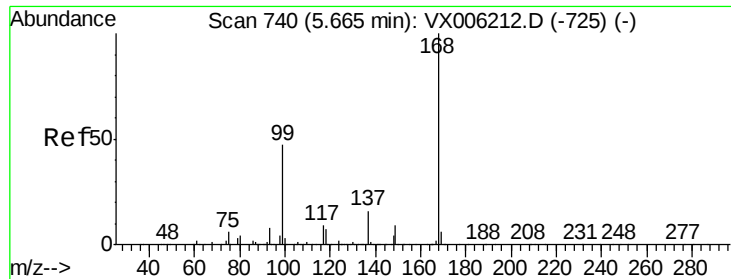
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

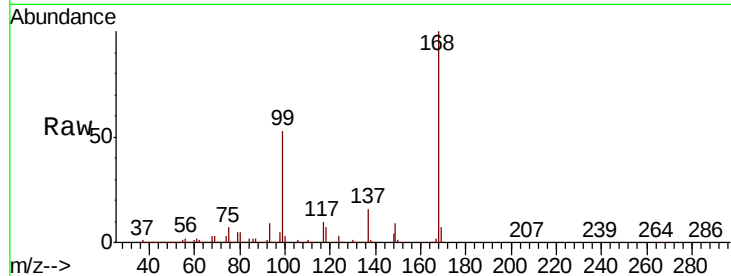
CL-01-121018-B

Tot Ion:168 Resp: 673363

Ion Ratio Lower Upper

168 100

99 52.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006467.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006467.D (-691) (-)

5.67

250000

200000

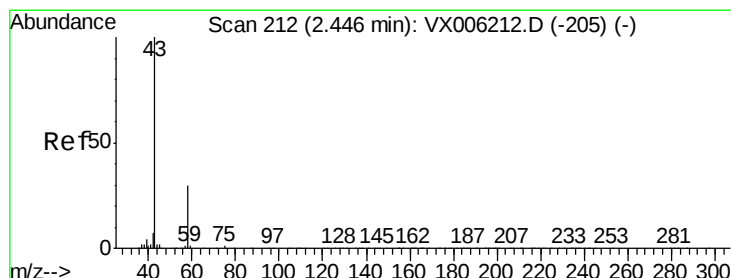
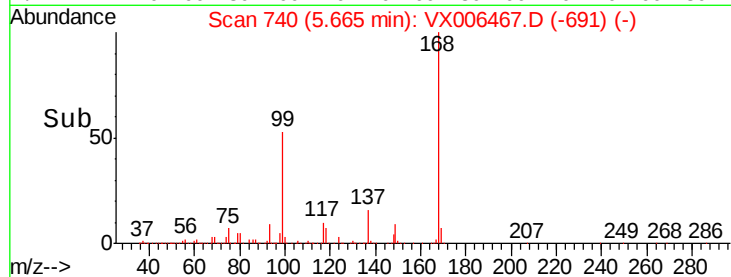
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.727 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006467.D

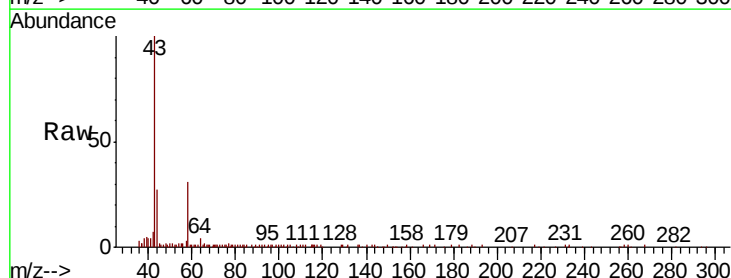
Acq: 13 Dec 2018 01:59

Tgt Ion: 43 Resp: 28153

Ion Ratio Lower Upper

43 100

58 31.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX006467.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX006467.D (-163) (-)

2.45

20000

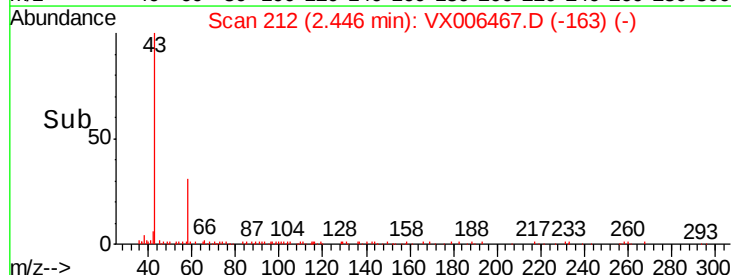
15000

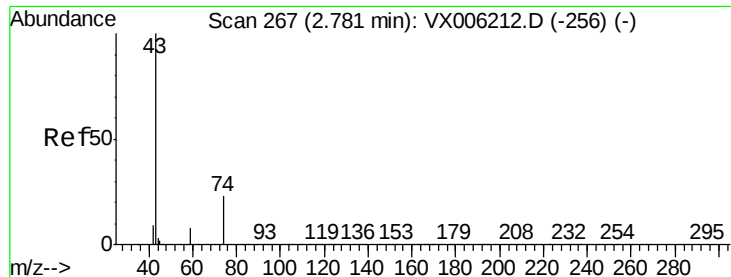
10000

5000

0

Time--> 2.40 2.45 2.50

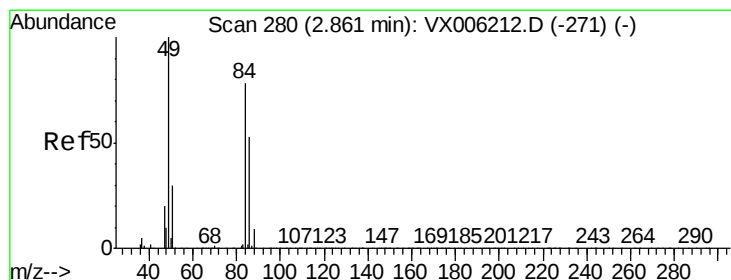
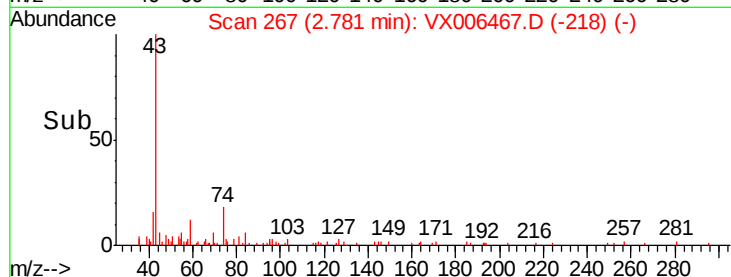
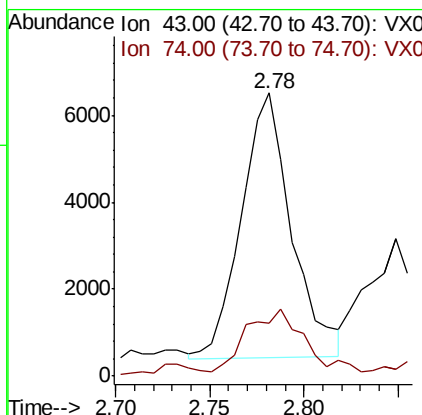
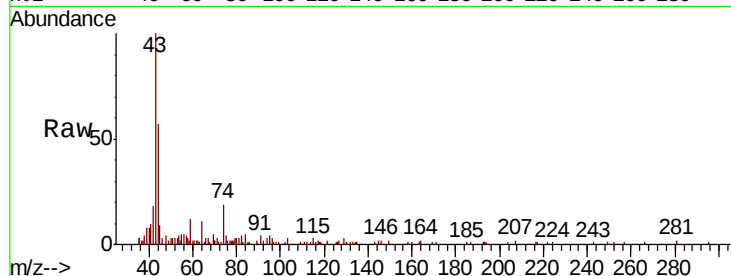




#18
Methyl Acetate
Concen: 1.043 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

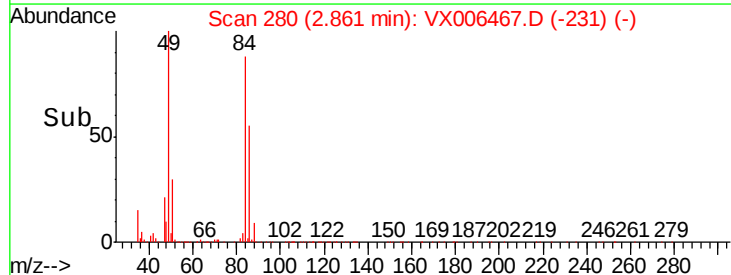
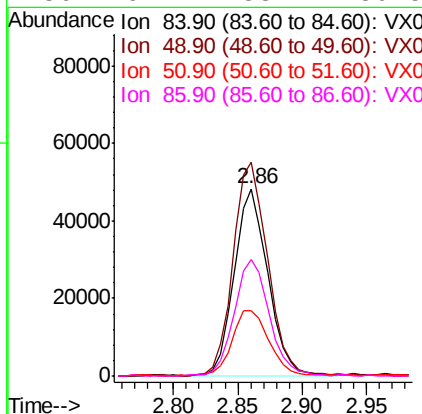
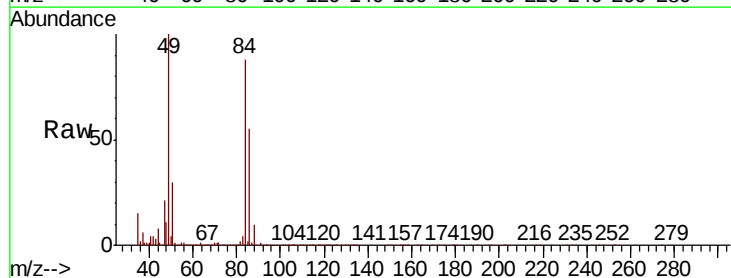
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

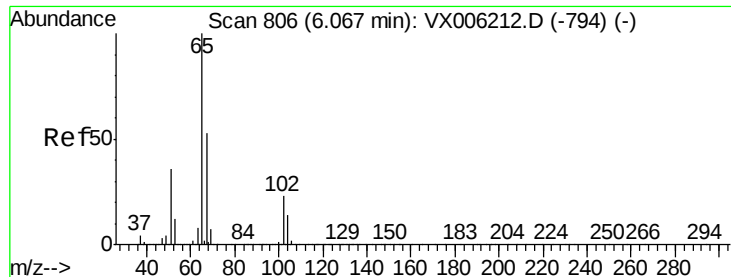
Tot Ion: 43 Resp: 11257
Ion Ratio Lower Upper
43 100
74 28.4 17.9 26.9#



#20
Methylene Chloride
Concen: 12.770 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 84 Resp: 87671
Ion Ratio Lower Upper
84 100
49 114.2 102.2 153.4
51 34.5 31.1 46.7
86 62.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.192 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

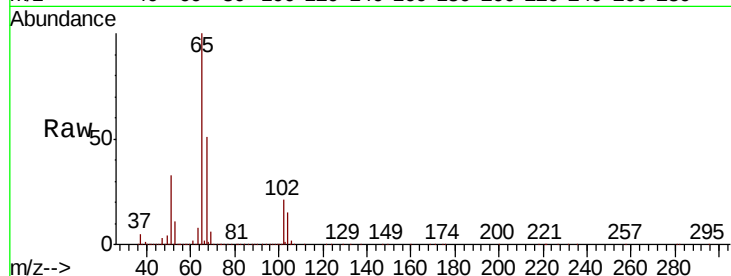
CL-01-121018-B

Tot Ion: 65 Resp: 351890

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

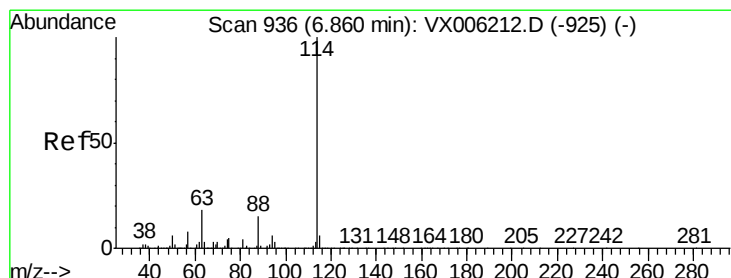
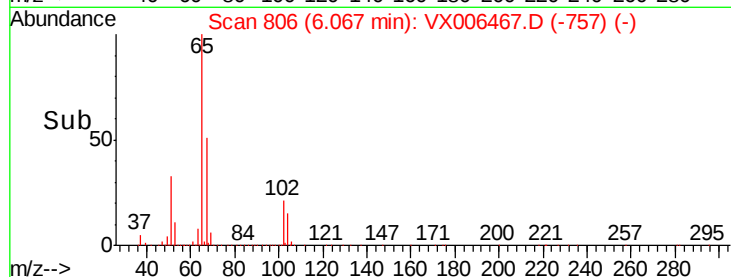
100000

50000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

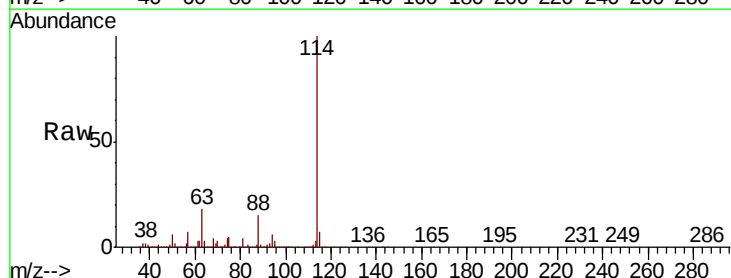
Tgt Ion: 114 Resp: 1048260

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 14.8 0.0 29.0



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

600000

500000

400000

300000

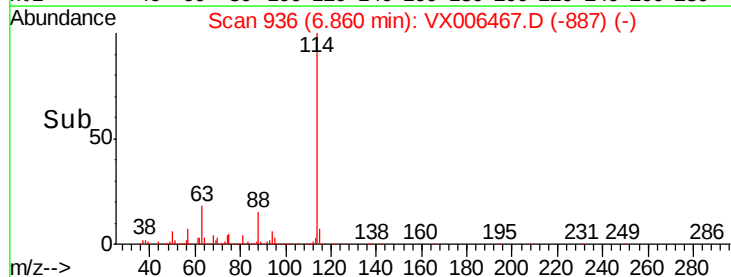
200000

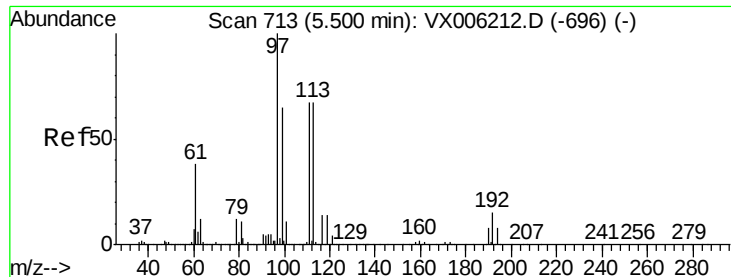
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 46.743 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

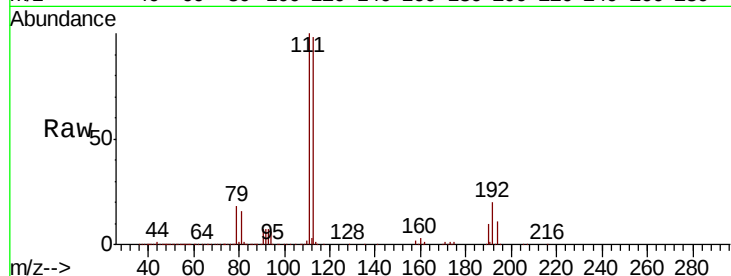
Tot Ion:113 Resp: 317250

Ion Ratio Lower Upper

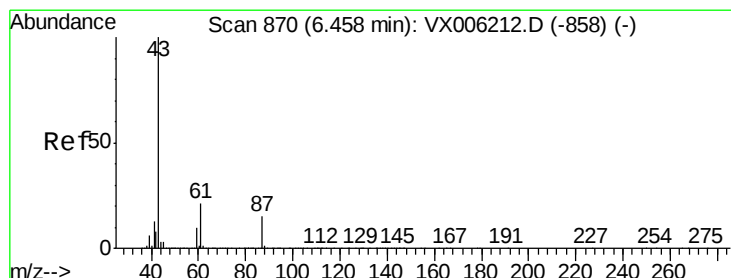
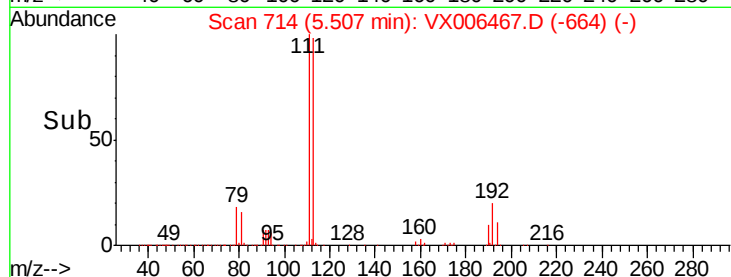
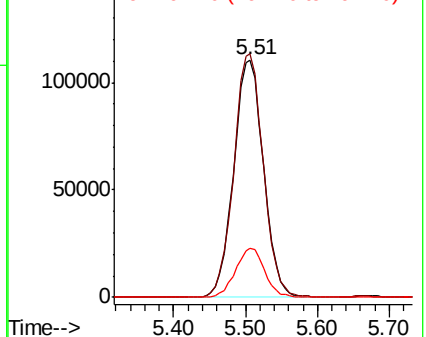
113 100

111 101.3 81.1 121.7

192 20.3 18.2 27.2



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



#43

Isopropyl Acetate

Concen: 2.304 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

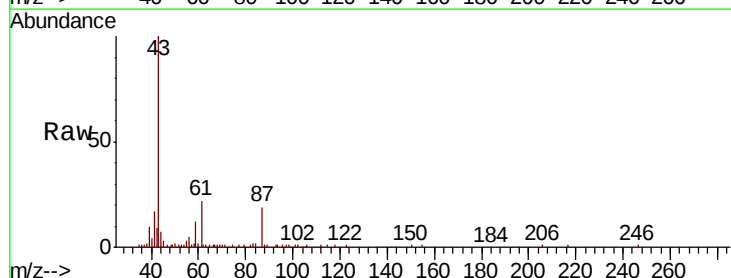
Tgt Ion: 43 Resp: 37970

Ion Ratio Lower Upper

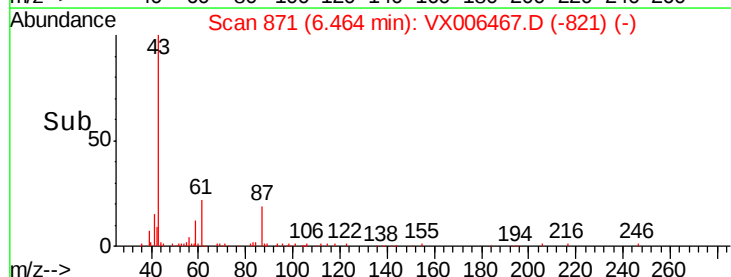
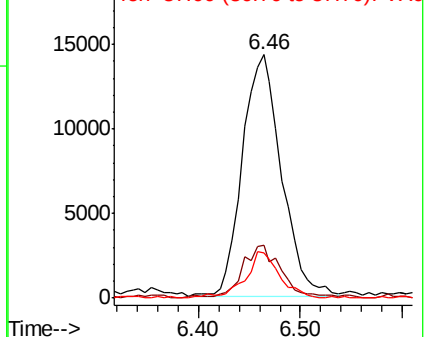
43 100

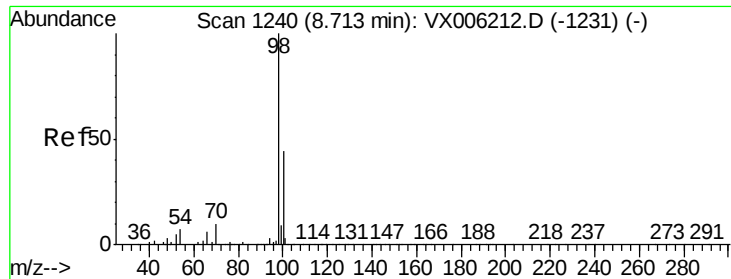
61 21.4 16.8 25.2

87 16.3 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

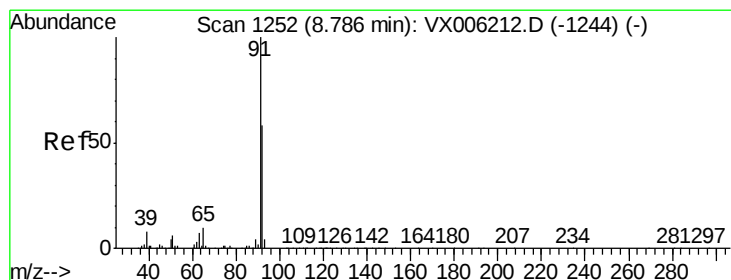
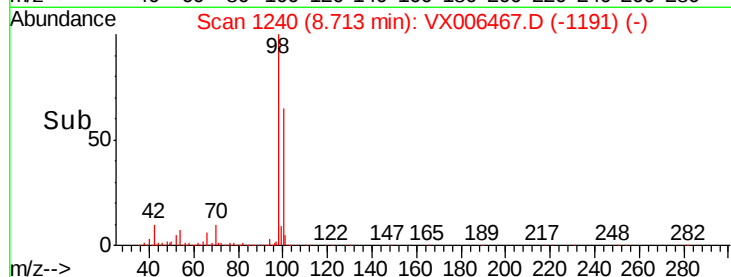
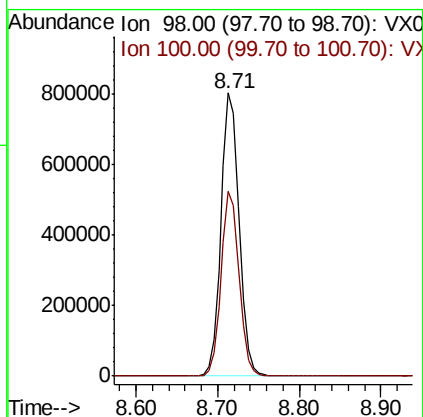
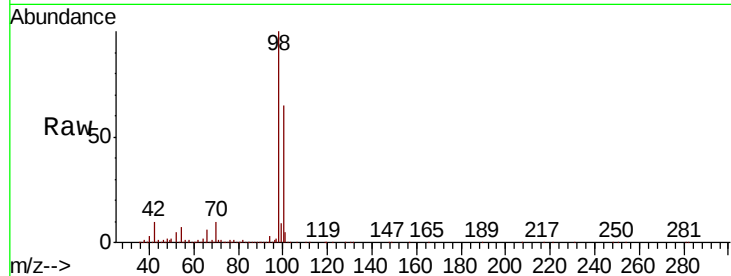




#50
Toluene-d8
Concen: 50.357 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

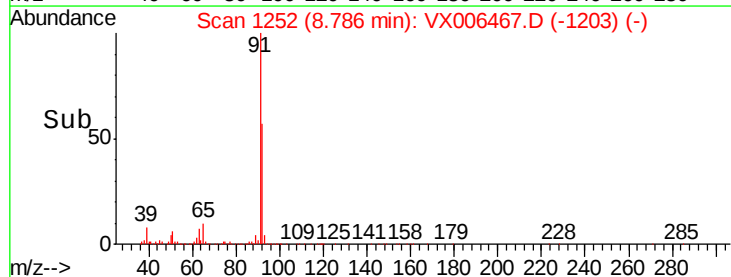
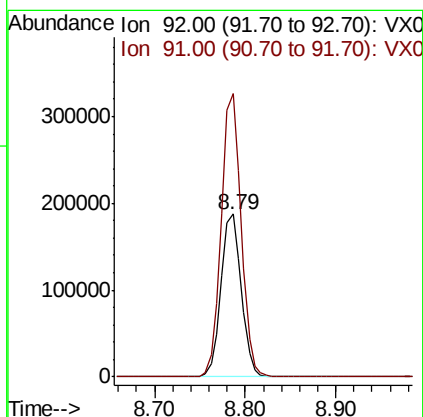
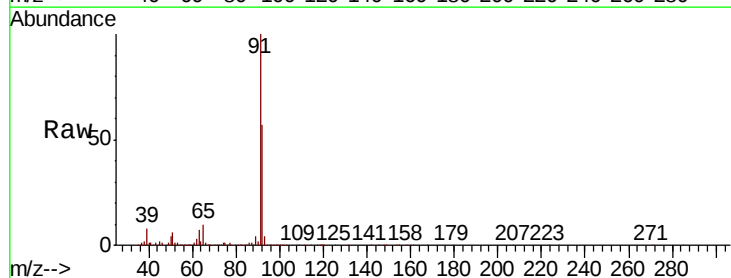
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

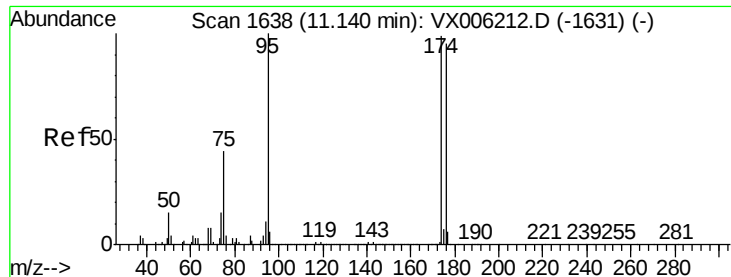
Tot Ion: 98 Resp: 1243190
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#52
Toluene
Concen: 16.811 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 92 Resp: 292413
Ion Ratio Lower Upper
92 100
91 171.5 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 50.266 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

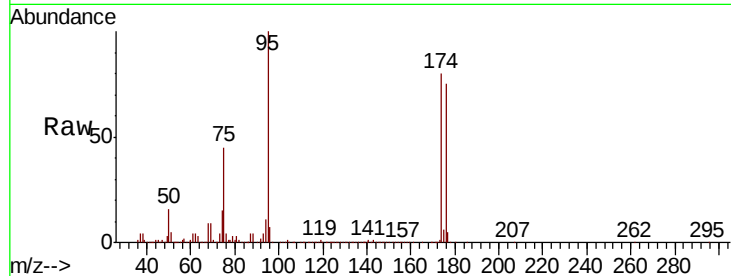
Tot Ion: 95 Resp: 467621

Ion Ratio Lower Upper

95 100

174 86.1 0.0 187.0

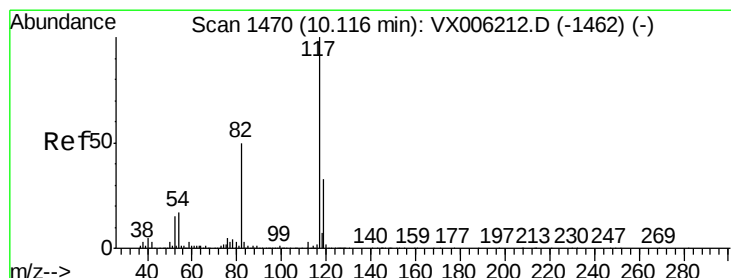
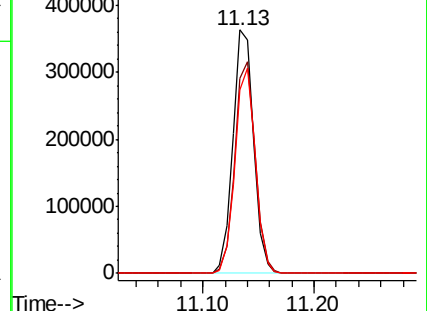
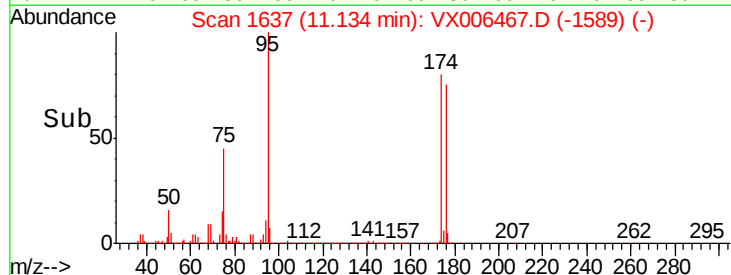
176 83.0 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006467.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006467.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006467.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

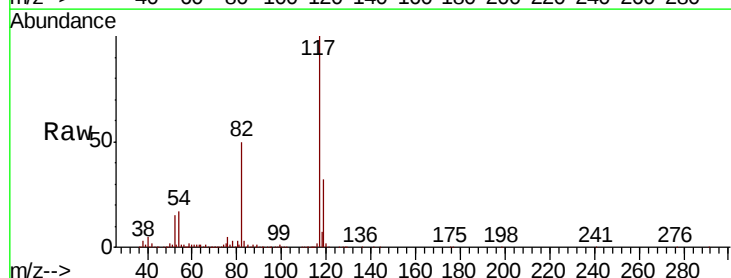
Tgt Ion: 117 Resp: 971614

Ion Ratio Lower Upper

117 100

82 49.6 39.6 59.4

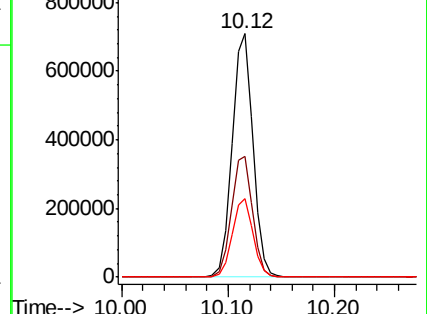
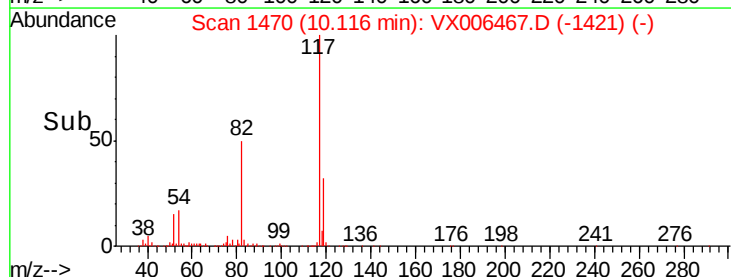
119 32.4 26.3 39.5

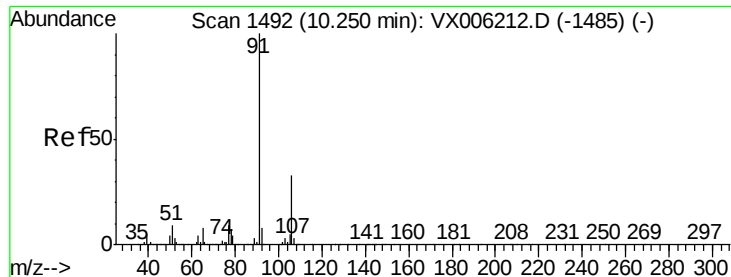


Abundance Ion 116.90 (116.60 to 117.60): VX006467.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006467.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006467.D (-1421) (-)





#67

Ethyl Benzene

Concen: 6.633 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

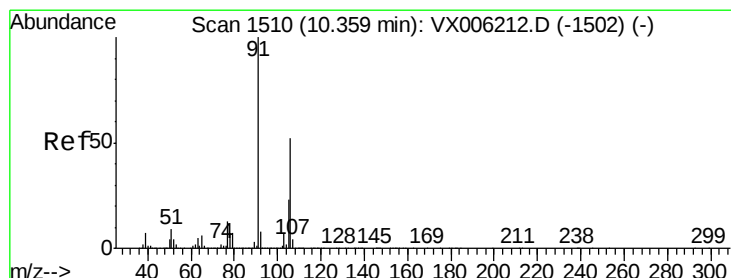
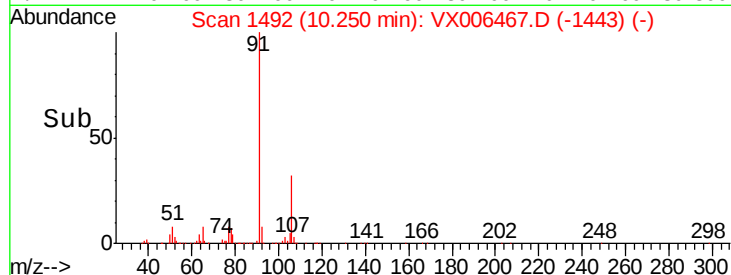
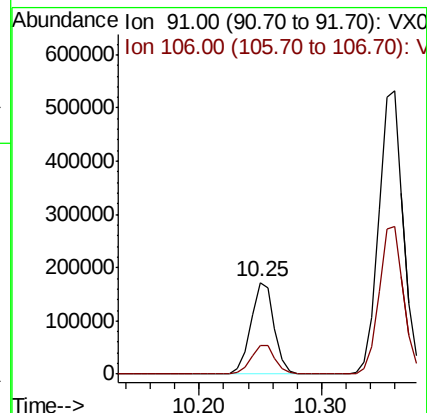
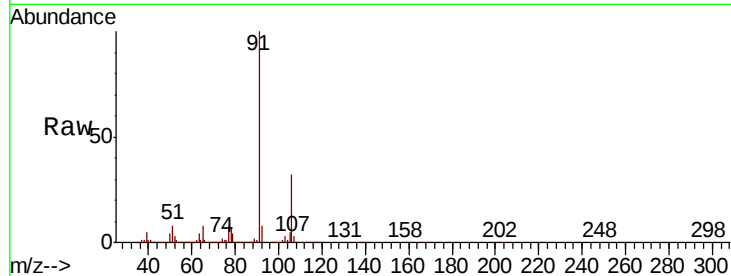
CL-01-121018-B

Tot Ion: 91 Resp: 227529

Ion Ratio Lower Upper

91 100

106 31.9 26.5 39.7



#68

m/p-Xylenes

Concen: 27.884 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006467.D

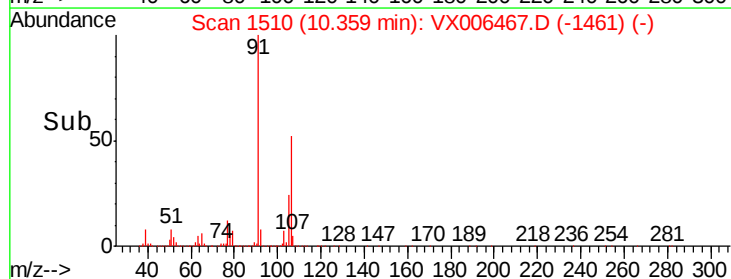
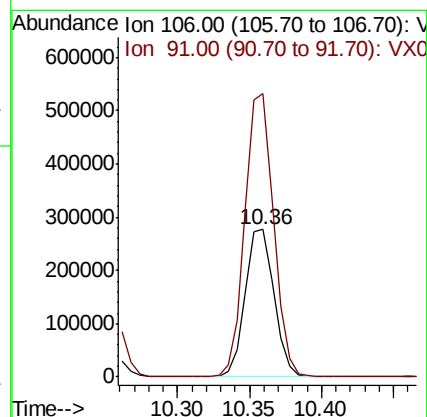
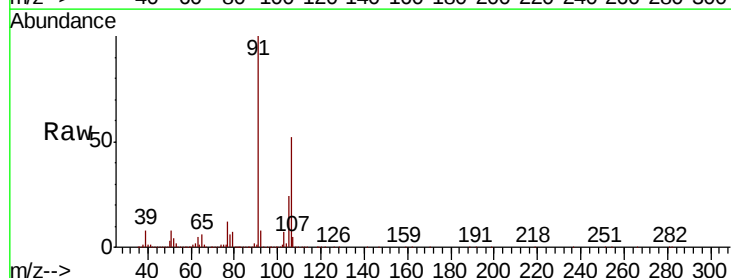
Acq: 13 Dec 2018 01:59

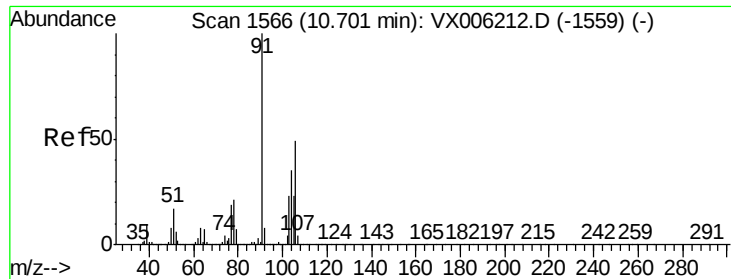
Tgt Ion: 106 Resp: 383163

Ion Ratio Lower Upper

106 100

91 192.1 155.2 232.8

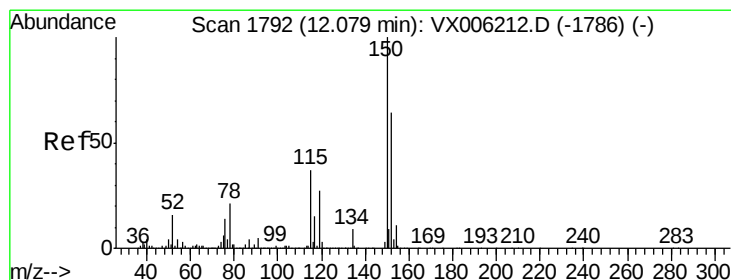
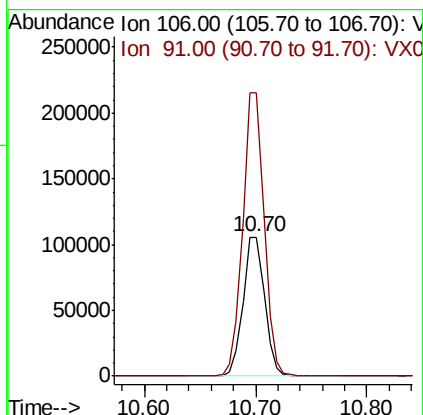
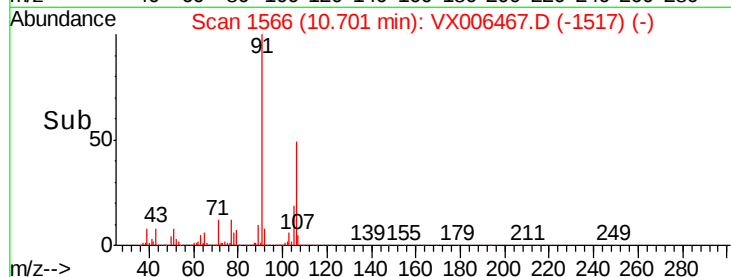
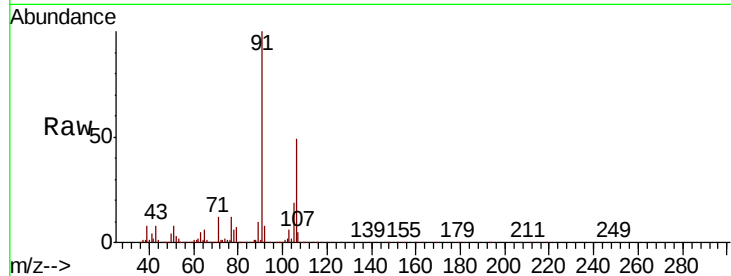




#69
o-Xylene
Concen: 10.517 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

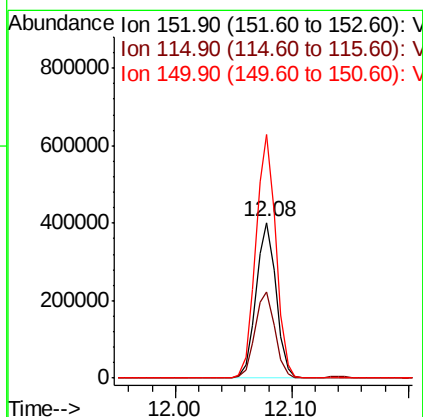
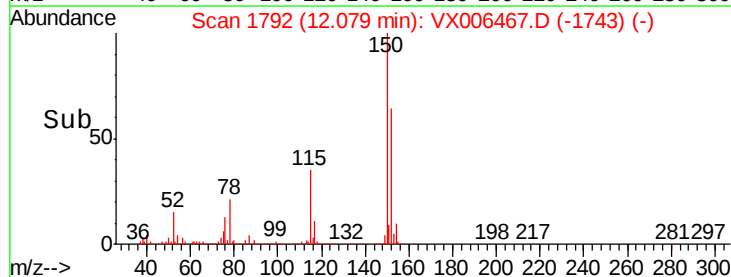
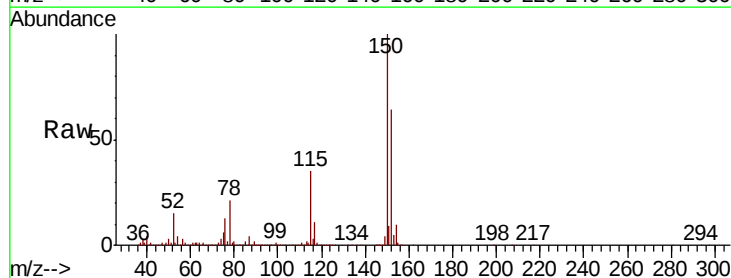
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

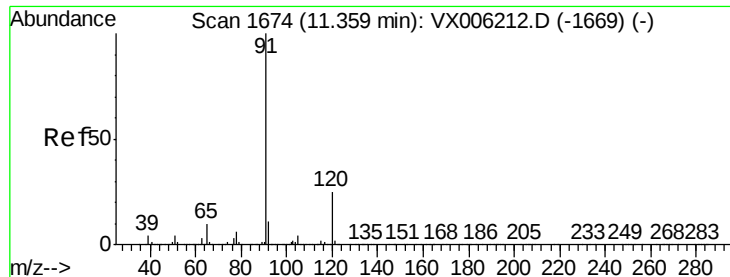
Tot Ion:106 Resp: 142742
Ion Ratio Lower Upper
106 100
91 201.3 101.8 305.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion:152 Resp: 481608
Ion Ratio Lower Upper
152 100
115 55.8 39.0 116.9
150 156.8 0.0 345.8





#78

n-propylbenzene

Concen: 2.602 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

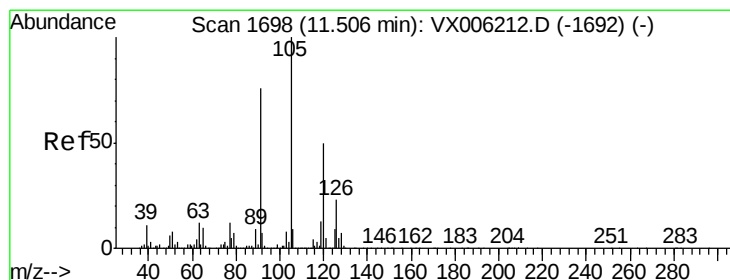
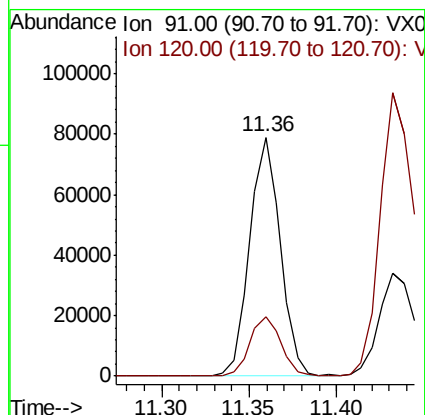
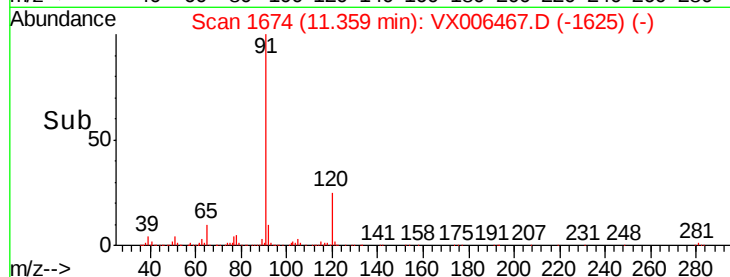
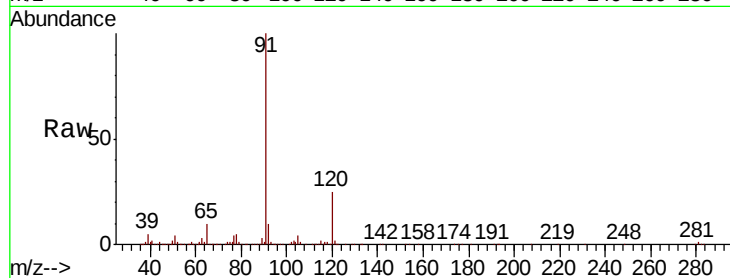
CL-01-121018-B

Tot Ion: 91 Resp: 96203

Ion Ratio Lower Upper

91 100

120 25.3 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 5.891 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006467.D

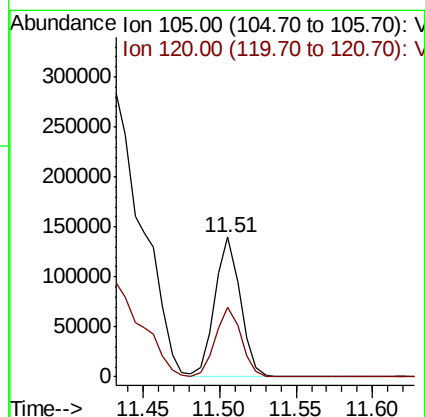
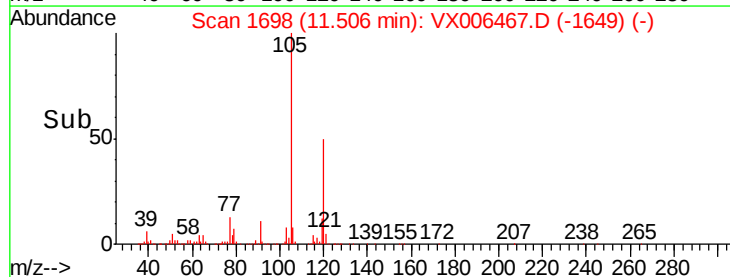
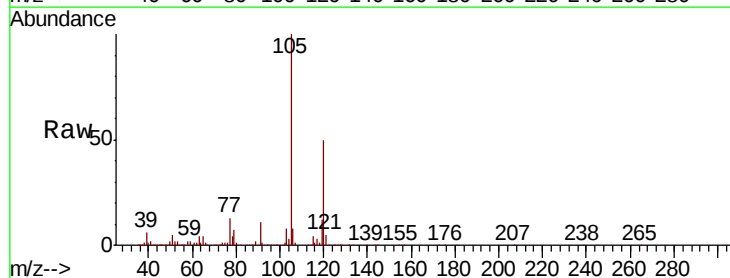
Acq: 13 Dec 2018 01:59

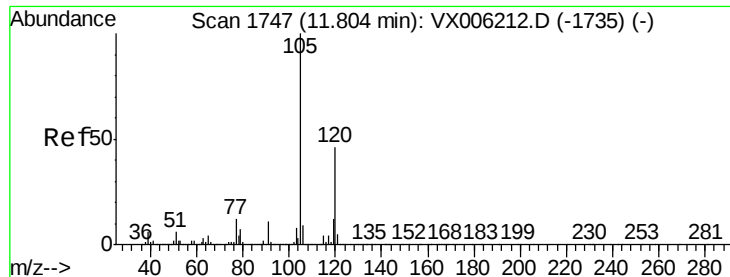
Tgt Ion:105 Resp: 163018

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0





#84

1,2,4-Trimethylbenzene

Concen: 20.539 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampled :

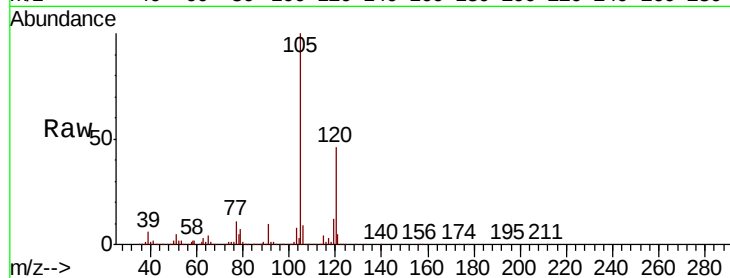
CL-01-121018-B

Tot Ion:105 Resp: 586900

Ion Ratio Lower Upper

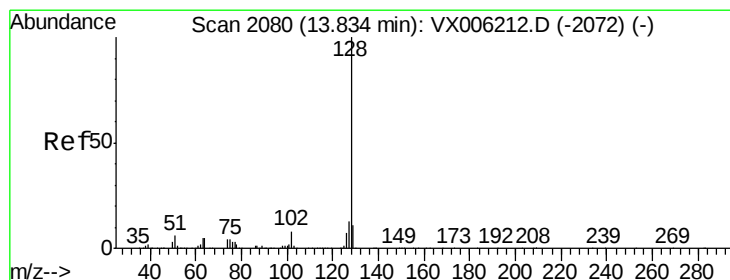
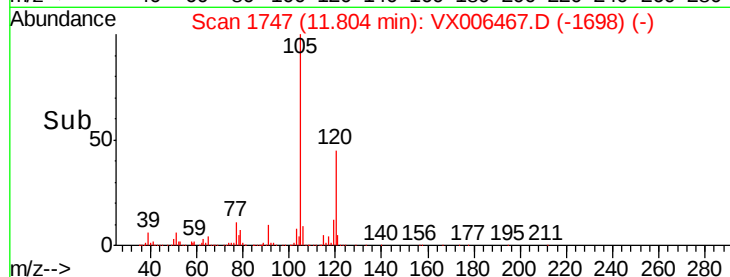
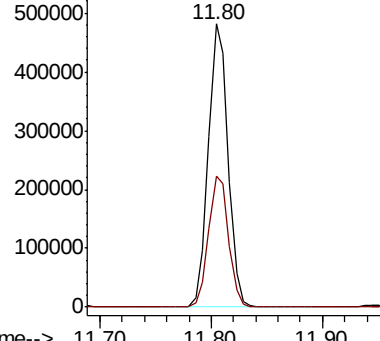
105 100

120 47.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 3.866 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

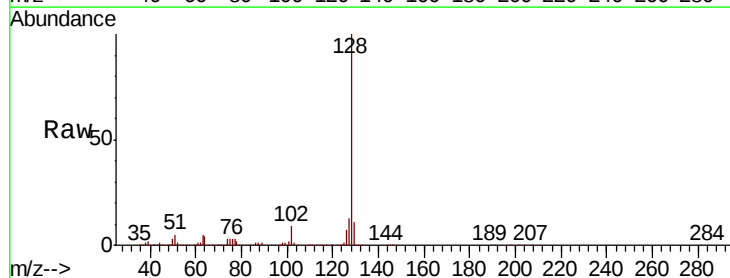
Tgt Ion:128 Resp: 142995

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.2 8.9 13.3



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

