

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006470.D
 Acq On : 13 Dec 2018 03:19
 Operator : JC/MD
 Sample : J6193-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Dec 13 07:38:54 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

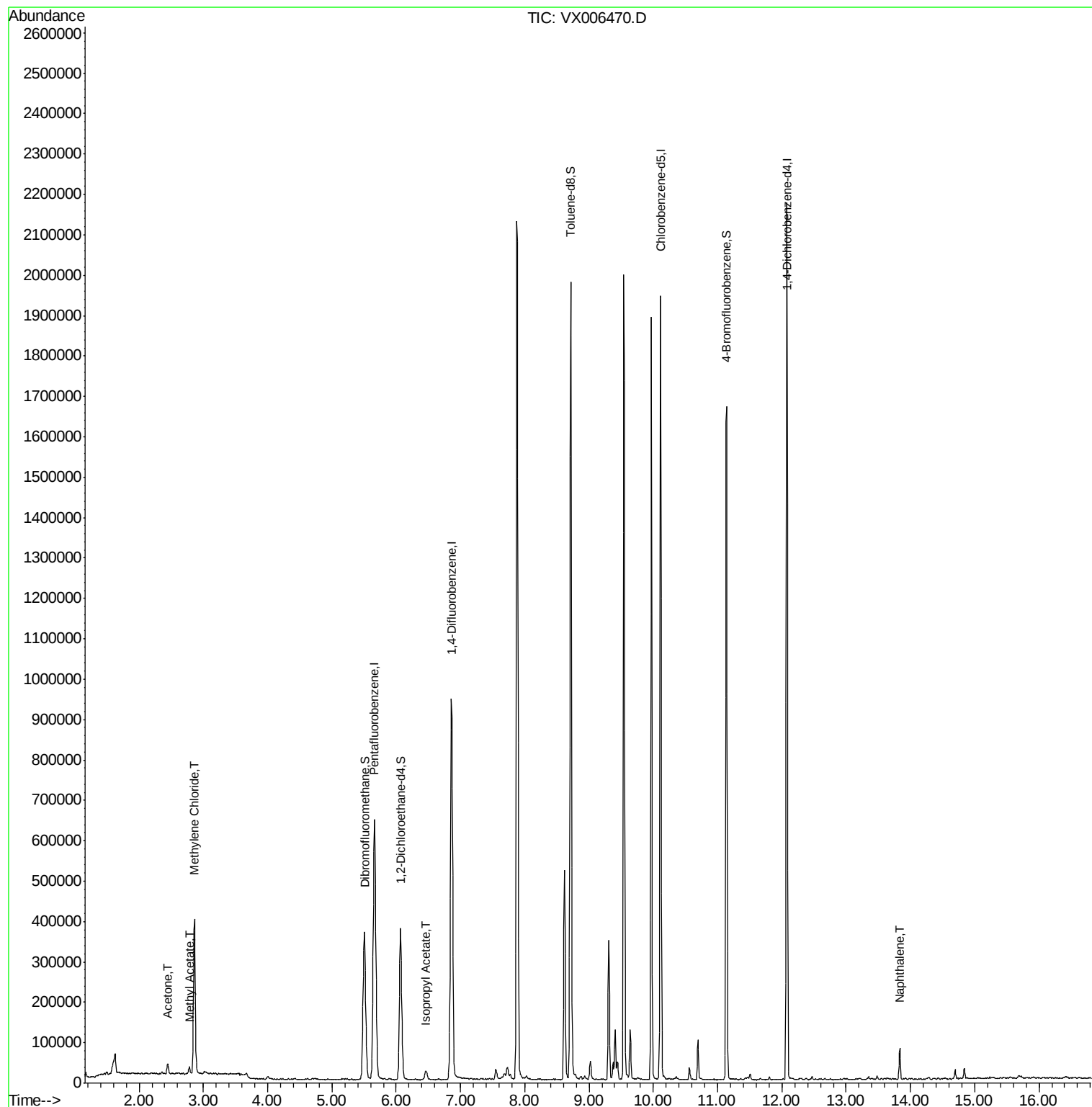
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	668654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1044058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	968721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	470087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	349663	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	5.51	113	317633	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	8.71	98	1246318	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	463156	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
Target Compounds						
16) Acetone	2.45	43	28297	8.834	ug/l	92
18) Methyl Acetate	2.78	43	20321	1.897	ug/l #	90
20) Methylene Chloride	2.86	84	176558	25.898	ug/l	92
43) Isopropyl Acetate	6.46	43	32029	1.951	ug/l	96
95) Naphthalene	13.83	128	48585	1.346	ug/l	99

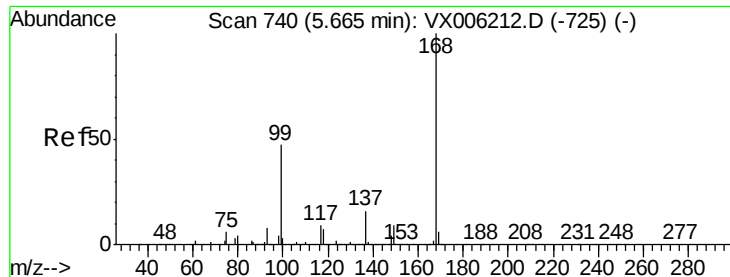
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006470.D

Acq: 13 Dec 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

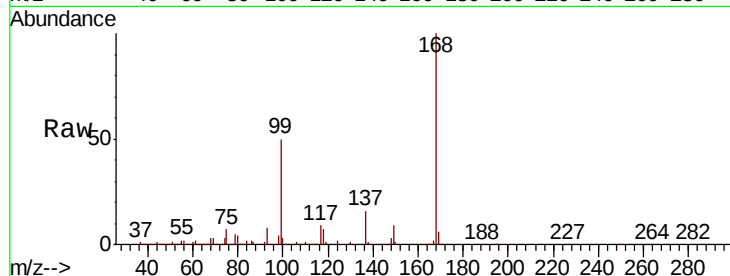
CL-01-121018-E

Tot Ion:168 Resp: 668654

Ion Ratio Lower Upper

168 100

99 49.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

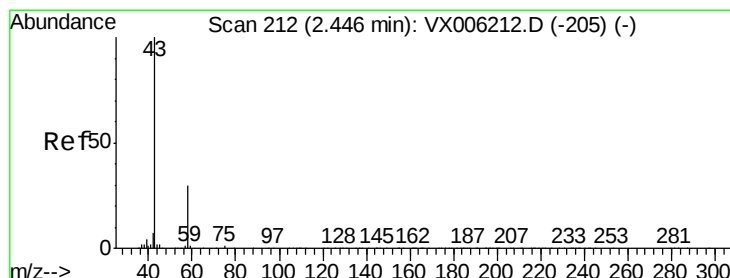
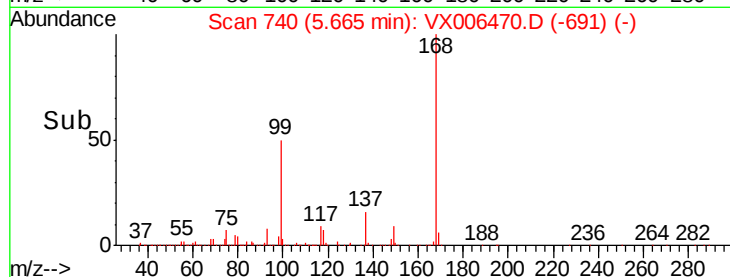
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.834 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006470.D

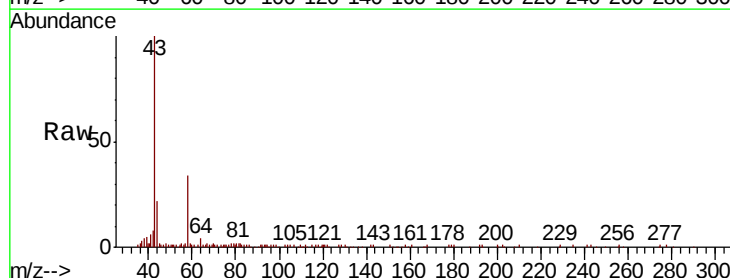
Acq: 13 Dec 2018 03:19

Tgt Ion: 43 Resp: 28297

Ion Ratio Lower Upper

43 100

58 34.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

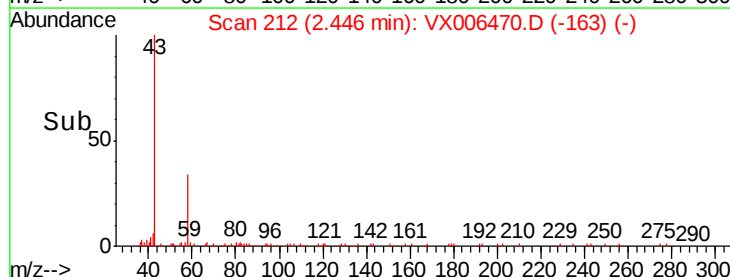
10000

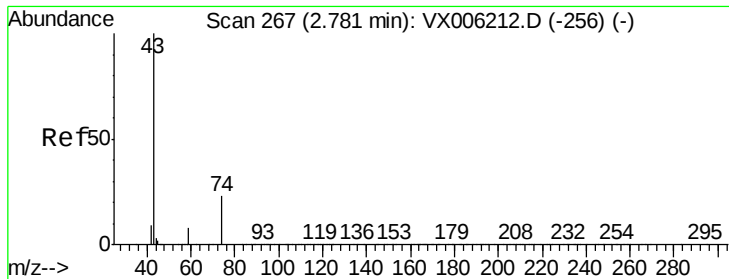
5000

0

Time-->

2.40 2.45 2.50

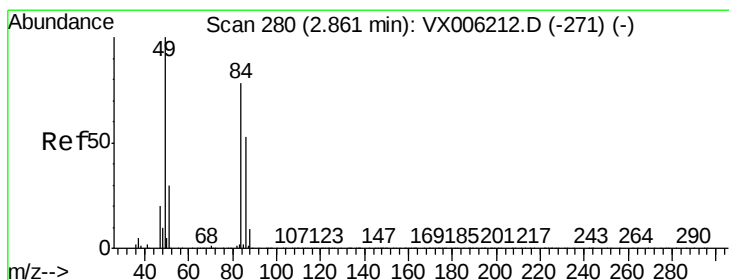
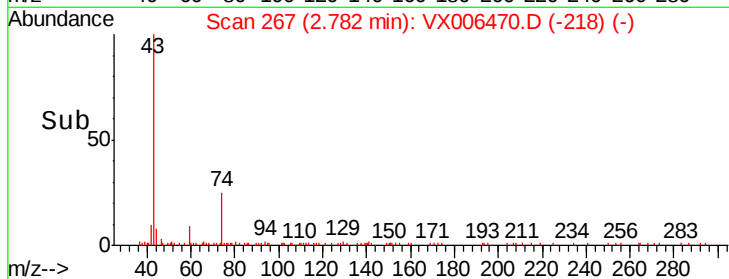
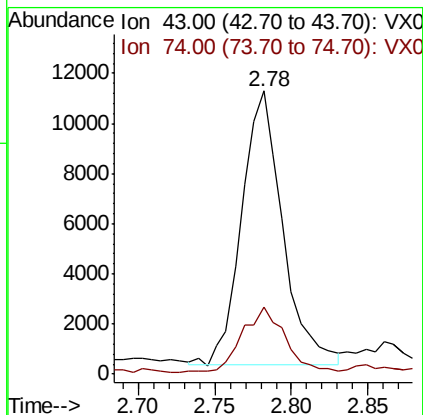
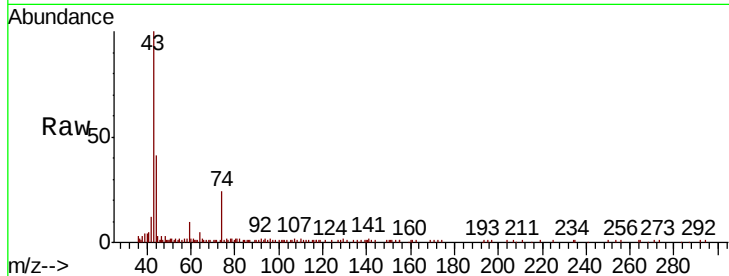




#18
Methyl Acetate
Concen: 1.897 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006470.D
Acq: 13 Dec 2018 03:19

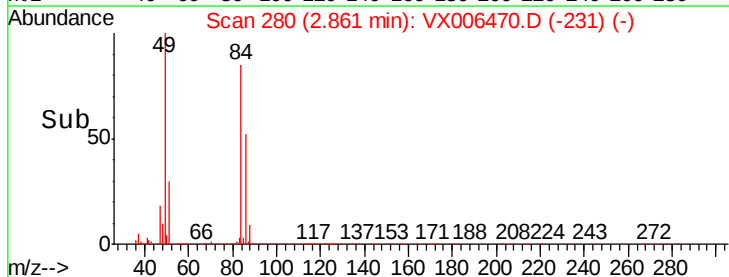
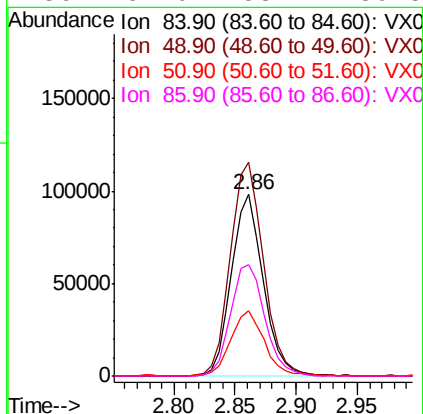
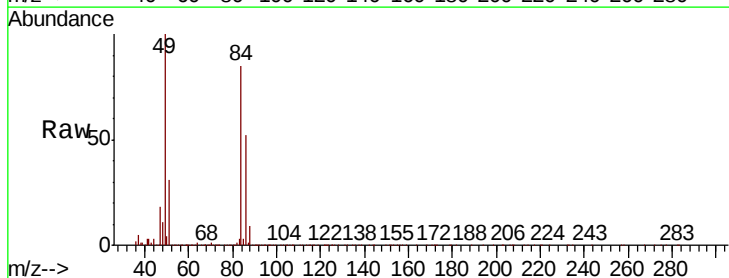
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-E

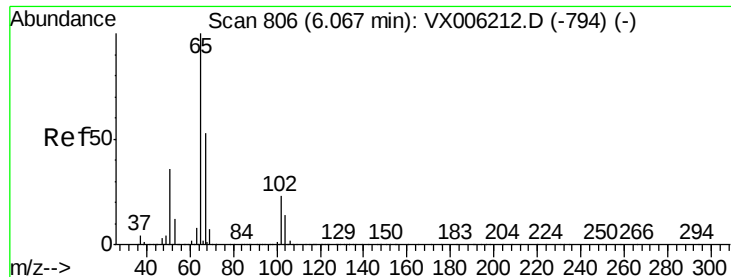
Tot Ion: 43 Resp: 20321
Ion Ratio Lower Upper
43 100
74 27.3 17.9 26.9#



#20
Methylene Chloride
Concen: 25.898 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006470.D
Acq: 13 Dec 2018 03:19

Tgt Ion: 84 Resp: 176558
Ion Ratio Lower Upper
84 100
49 117.6 102.2 153.4
51 35.8 31.1 46.7
86 61.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.226 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006470.D

Acq: 13 Dec 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

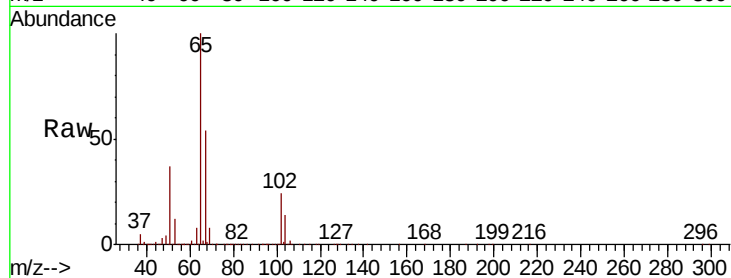
CL-01-121018-E

Tot Ion: 65 Resp: 349663

Ion Ratio Lower Upper

65 100

67 53.5 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

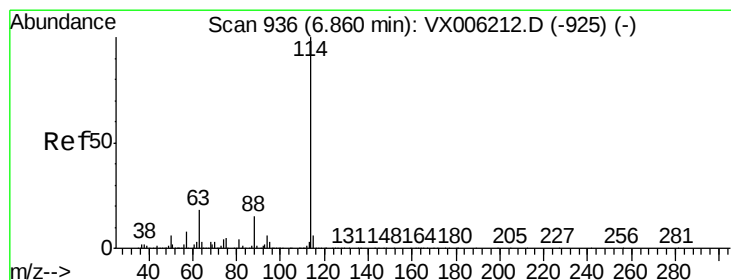
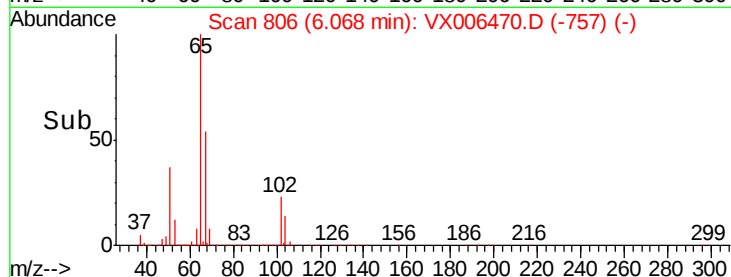
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006470.D

Acq: 13 Dec 2018 03:19

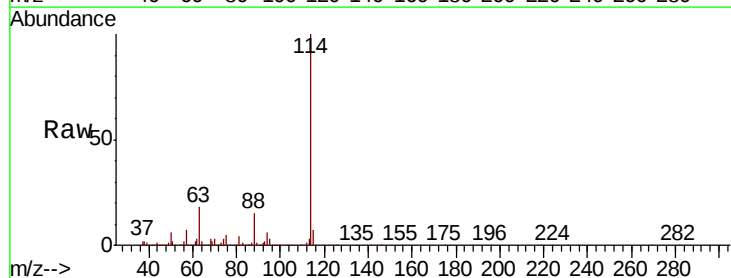
Tgt Ion: 114 Resp: 1044058

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 15.2 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

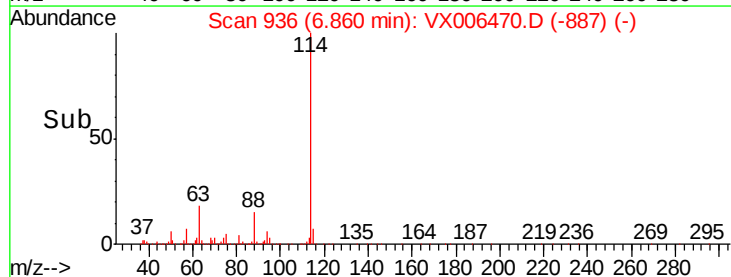
300000

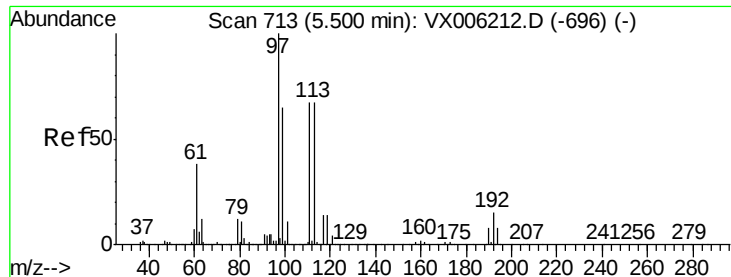
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 46.988 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006470.D

Acq: 13 Dec 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-E

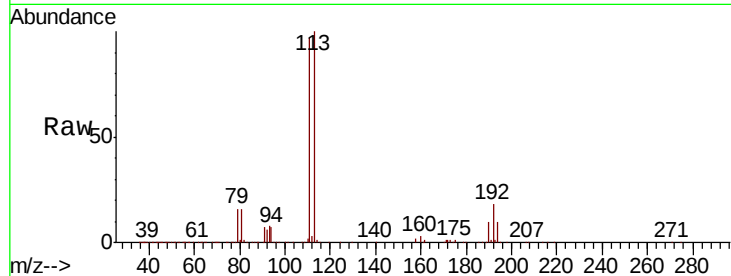
Tot Ion:113 Resp: 317633

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

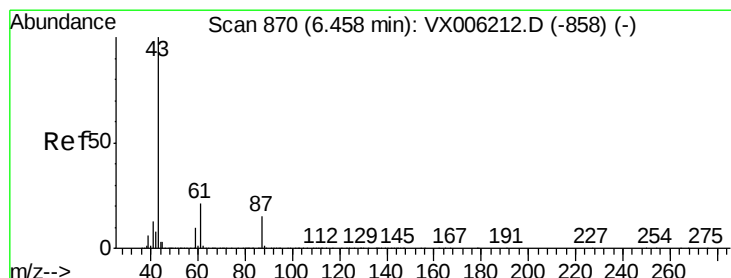
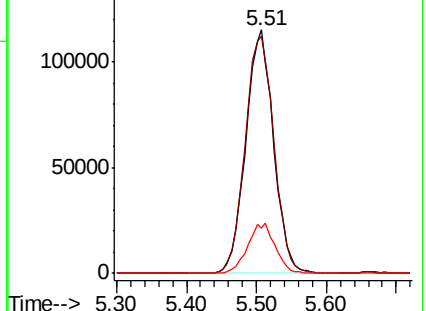
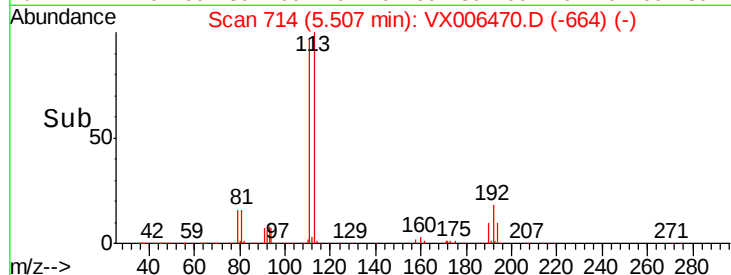
192 20.4 18.2 27.2



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: 1.951 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006470.D

Acq: 13 Dec 2018 03:19

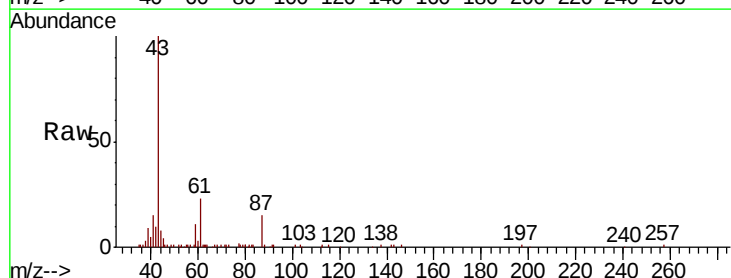
Tgt Ion: 43 Resp: 32029

Ion Ratio Lower Upper

43 100

61 22.1 16.8 25.2

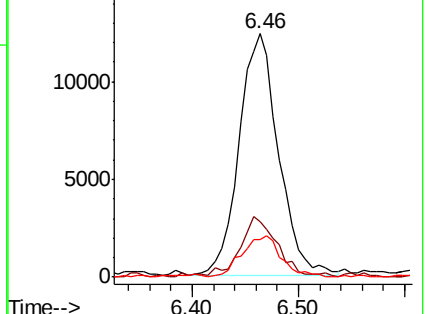
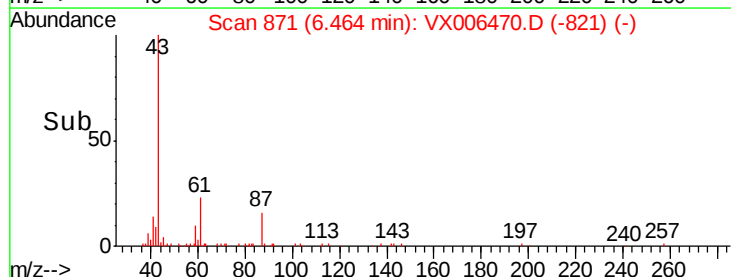
87 17.4 11.9 17.9

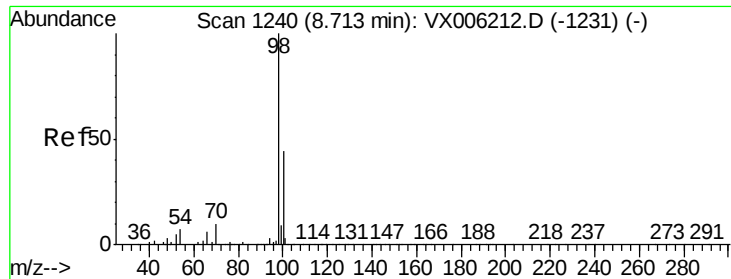


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.687 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006470.D

Acq: 13 Dec 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

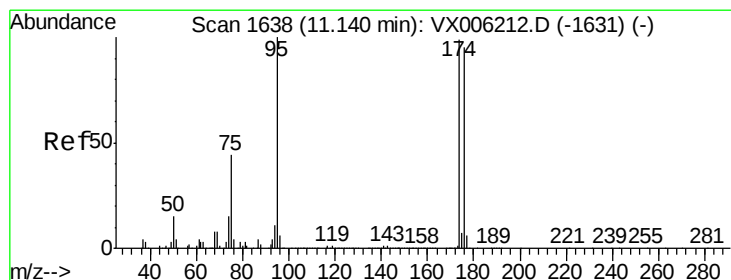
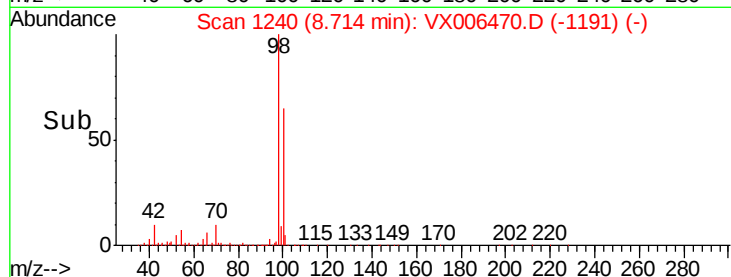
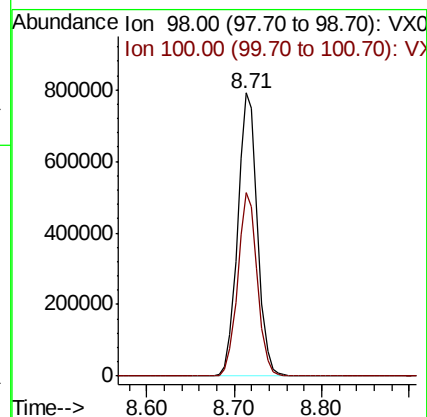
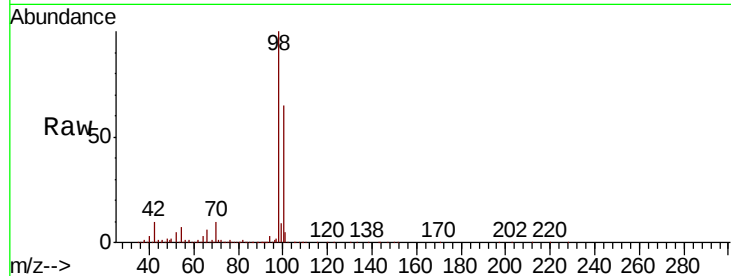
CL-01-121018-E

Tot Ion: 98 Resp: 1246318

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.986 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006470.D

Acq: 13 Dec 2018 03:19

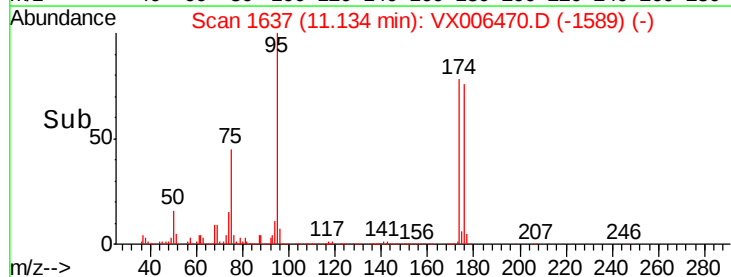
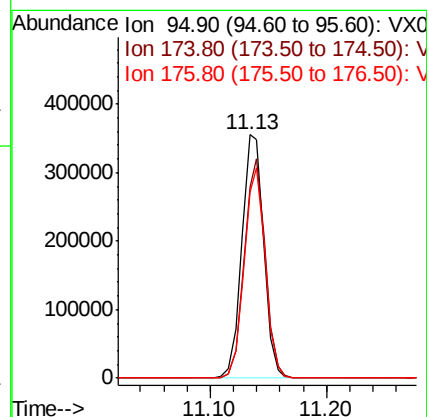
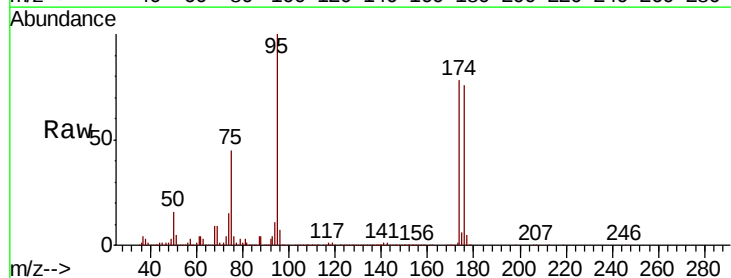
Tgt Ion: 95 Resp: 463156

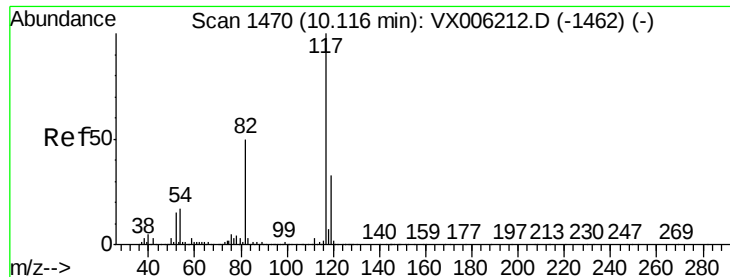
Ion Ratio Lower Upper

95 100

174 86.6 0.0 187.0

176 83.6 0.0 181.8

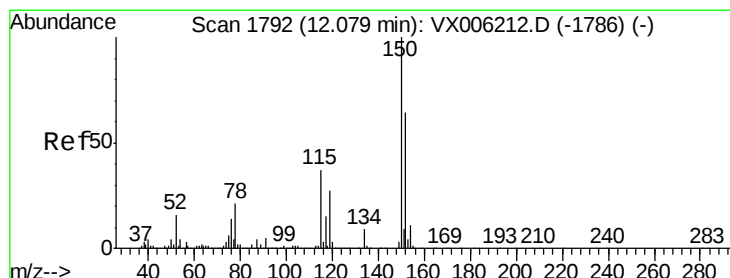
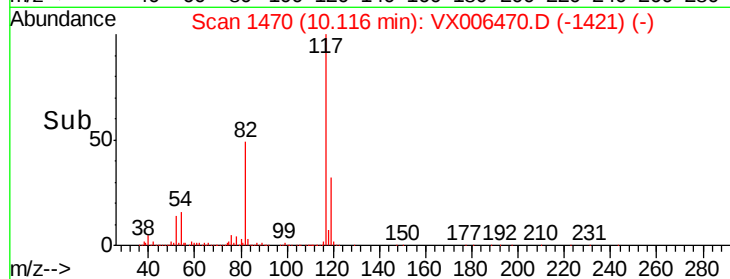
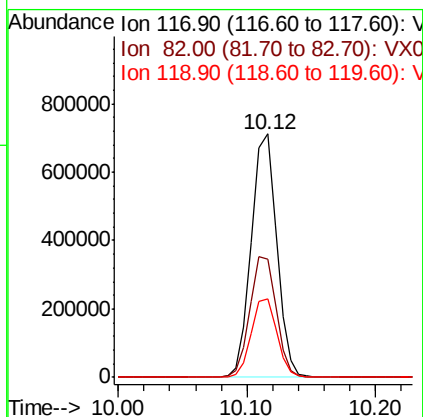
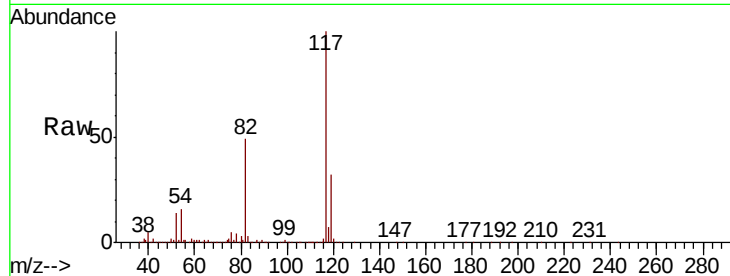




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006470.D
Acq: 13 Dec 2018 03:19

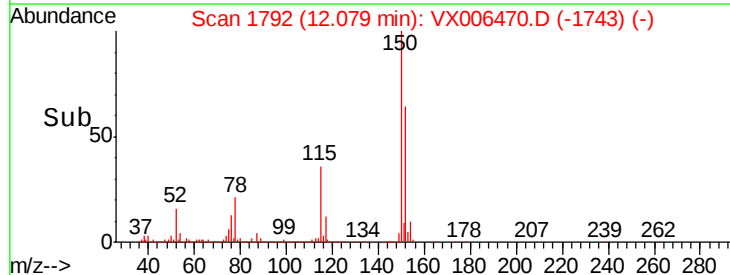
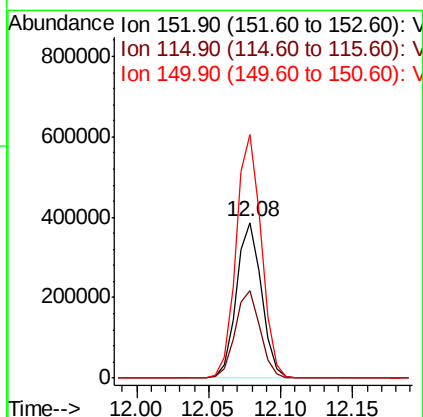
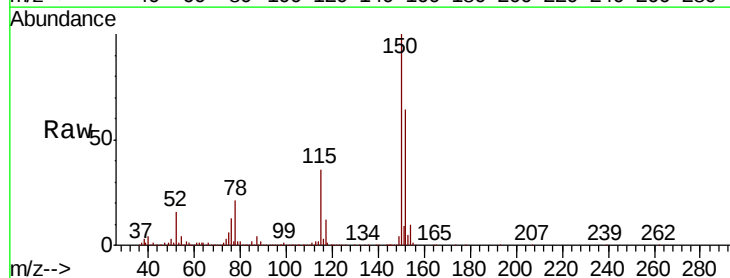
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CL-01-121018-E

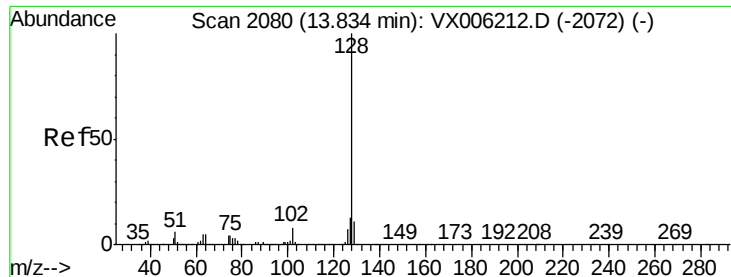
Tot Ion	Ratio	Lower	Upper
117	100		
82	48.6	39.6	59.4
119	32.4	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006470.D
Acq: 13 Dec 2018 03:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.0	116.9
150	157.2	0.0	345.8





#95

Naphthalene

Concen: 1.346 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006470.D

Acq: 13 Dec 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-E

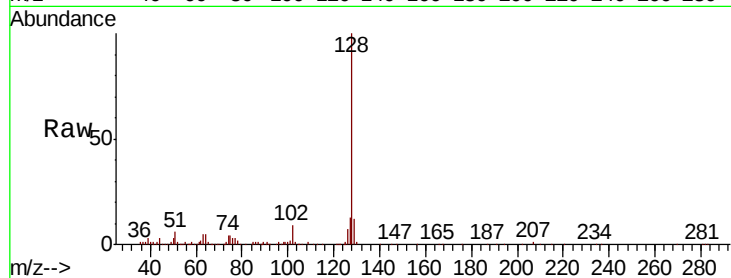
Tot Ion:128 Resp: 48585

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 11.0 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

