

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005004.D
 Acq On : 04 Oct 2018 07:48
 Operator : JC/MD
 Sample : J5211-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-1018-S-TCLP-GRID41-2

Quant Time: Oct 04 09:36:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

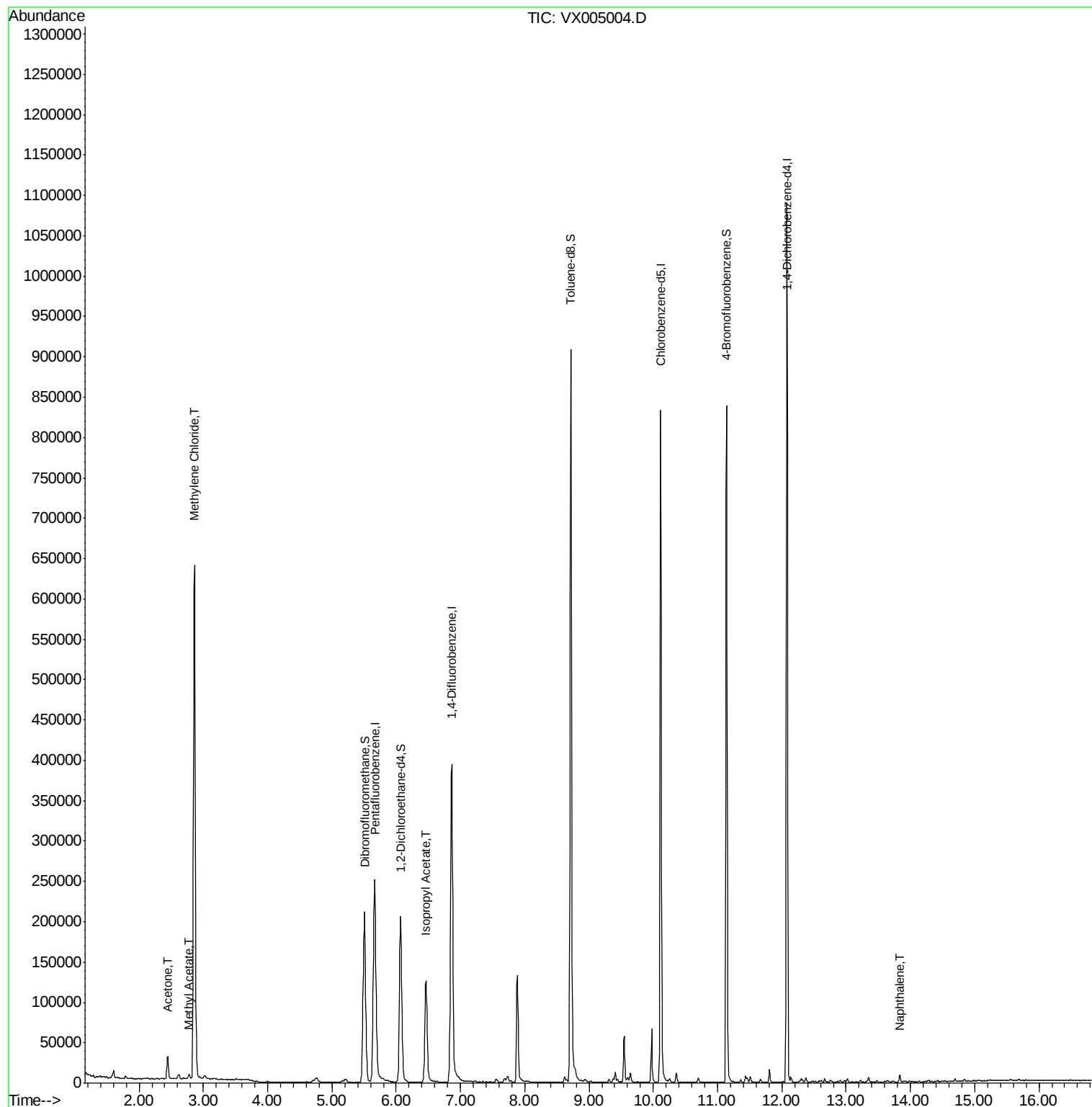
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	428606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198766	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
35) Dibromofluoromethane	5.51	113	175839	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	587104	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.14	95	217246	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
Target Compounds						
16) Acetone	2.45	43	30265	13.629	ug/l	90
18) Methyl Acetate	2.78	43	7063	1.255	ug/l	98
20) Methylene Chloride	2.86	84	300941	93.944	ug/l	98
43) Isopropyl Acetate	6.46	43	173968	18.321	ug/l	96
95) Naphthalene	13.83	128	5438	1.004	ug/l	99

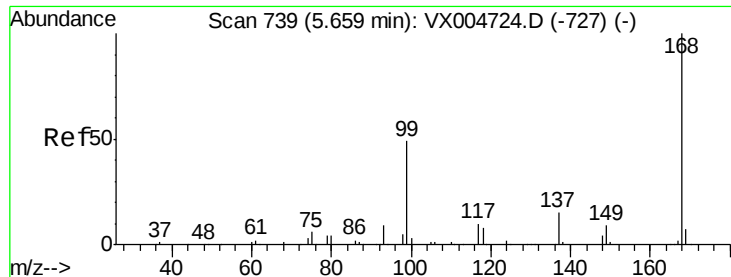
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

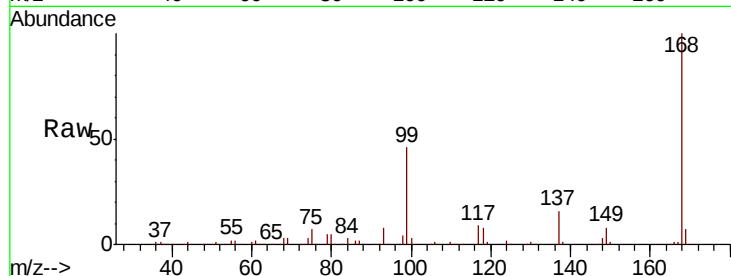
CB-1018-S-TCLP-GRID41-2

Tot Ion:168 Resp: 266272

Ion Ratio Lower Upper

168 100

99 45.9 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

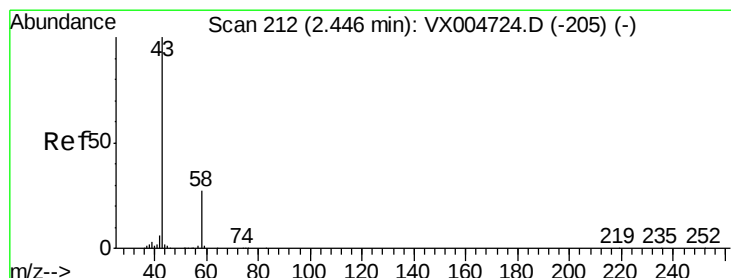
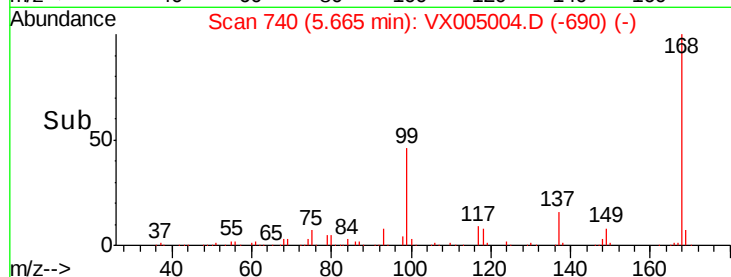
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.629 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005004.D

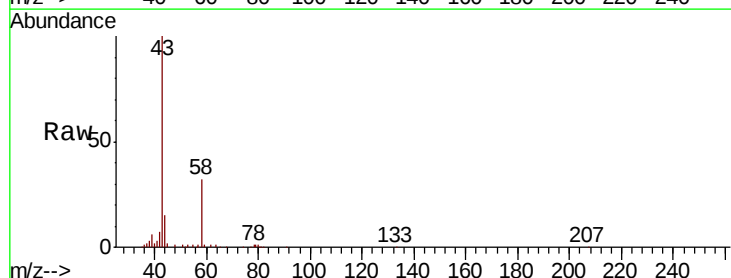
Acq: 04 Oct 2018 07:48

Tgt Ion: 43 Resp: 30265

Ion Ratio Lower Upper

43 100

58 32.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

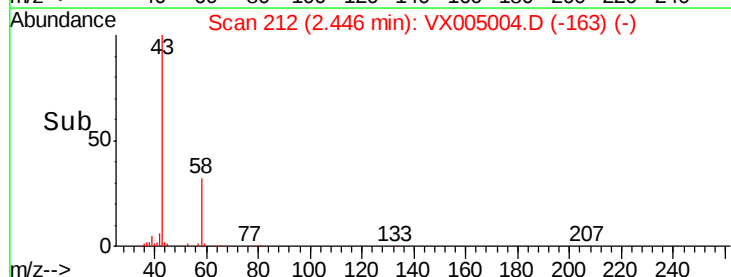
15000

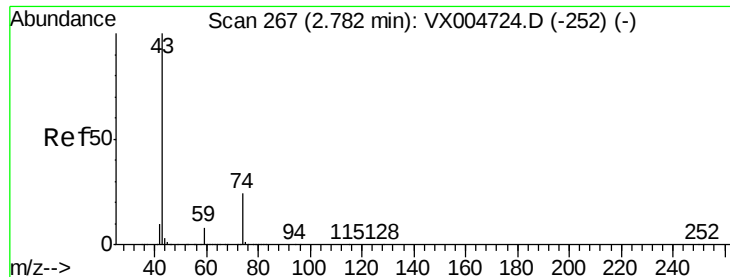
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

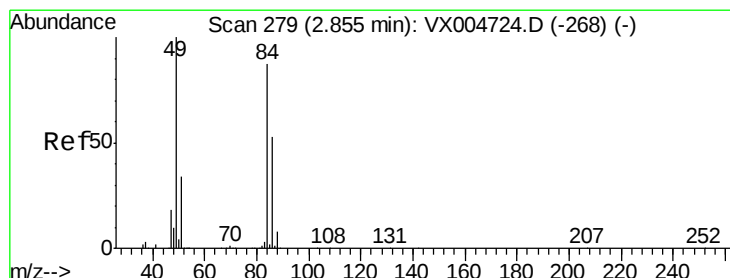
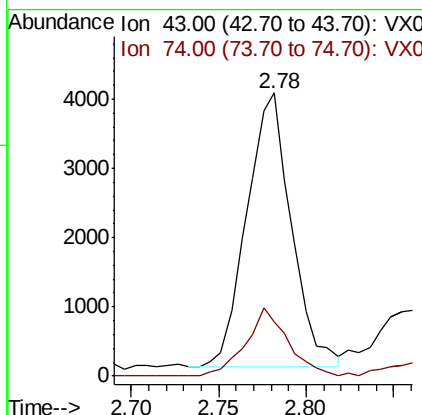
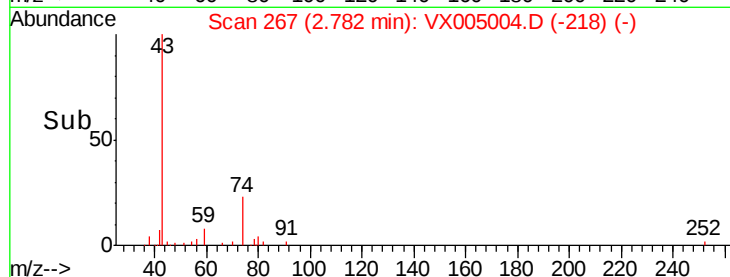
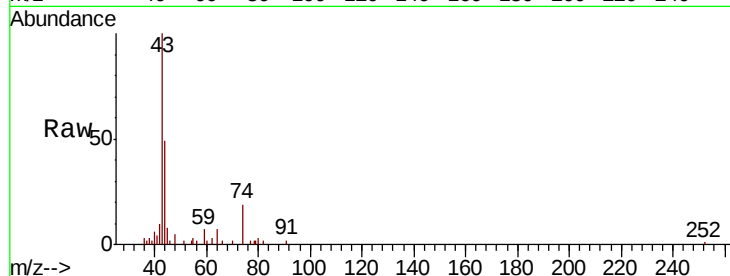




#18
Methvl Acetate
Concen: 1.255 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005004.D
Acq: 04 Oct 2018 07:48

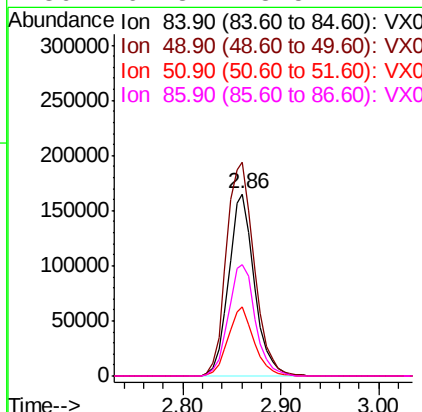
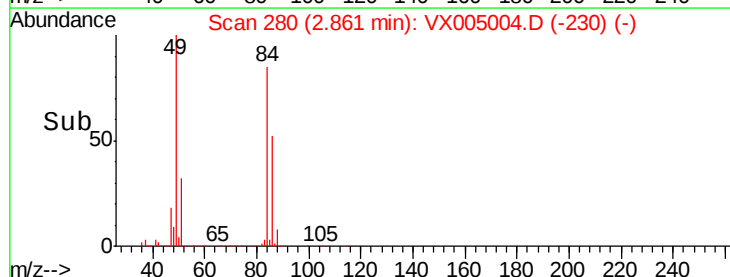
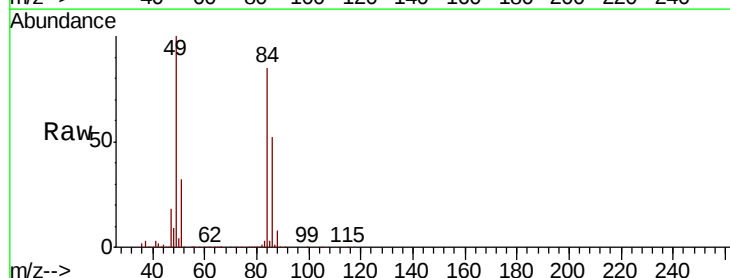
Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID41-2

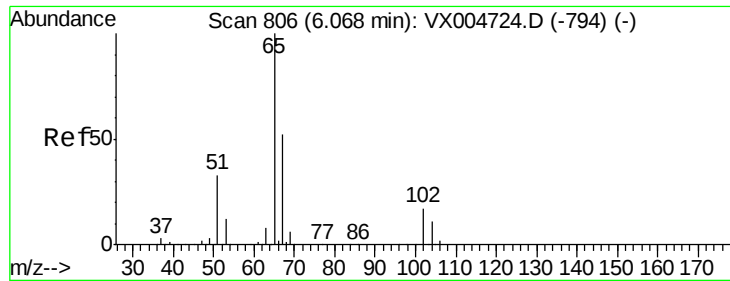
Tot Ion: 43 Resp: 7063
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8



#20
Methylene Chloride
Concen: 93.944 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005004.D
Acq: 04 Oct 2018 07:48

Tgt Ion: 84 Resp: 300941
Ion Ratio Lower Upper
84 100
49 117.3 92.3 138.5
51 38.0 31.8 47.6
86 61.3 48.5 72.7





#33

1,2-Dichloroethane-d4

Concen: 52.256 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

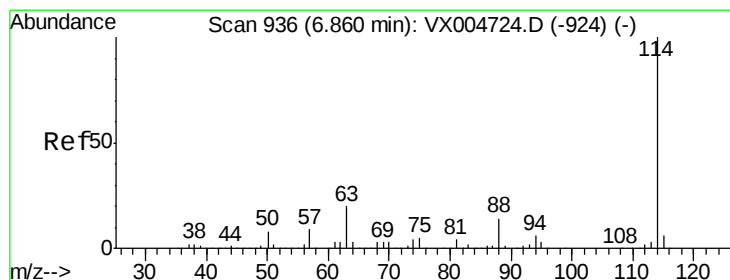
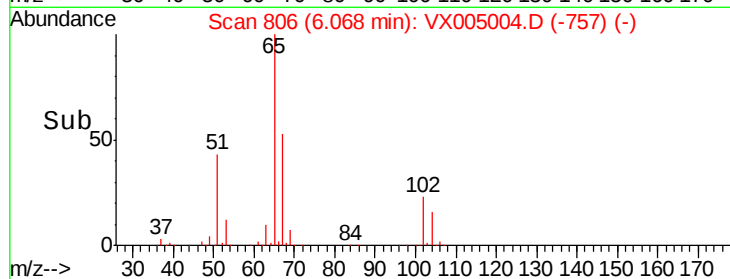
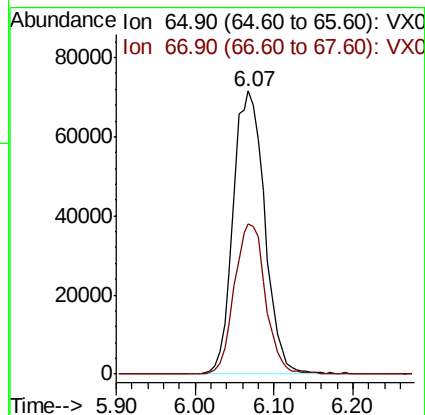
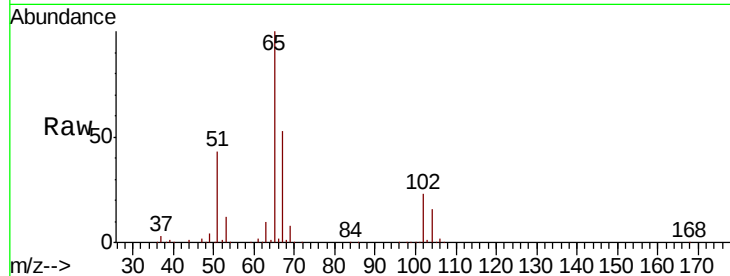
CB-1018-S-TCLP-GRID41-2

Tot Ion: 65 Resp: 198766

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

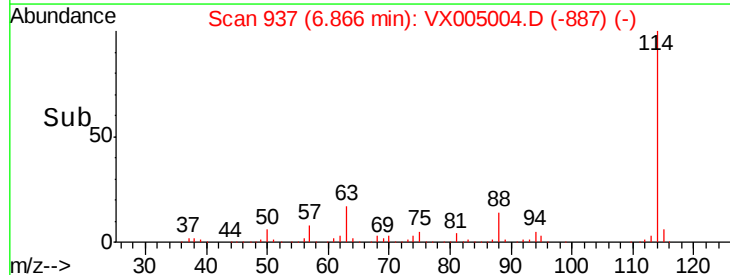
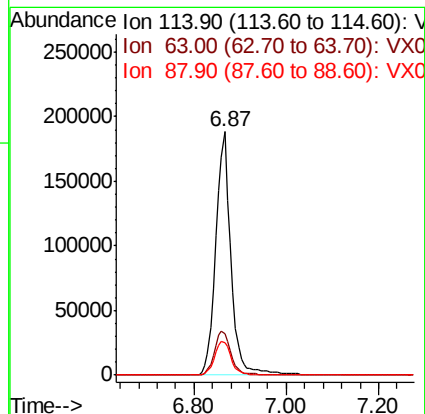
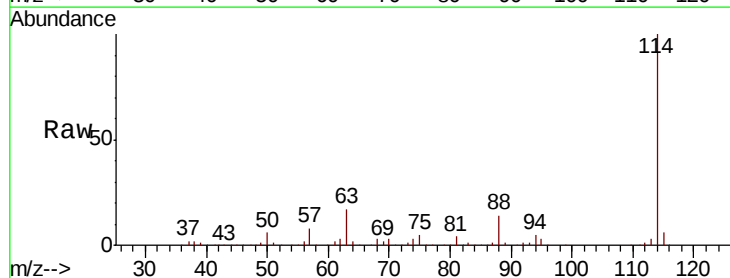
Tgt Ion: 114 Resp: 428606

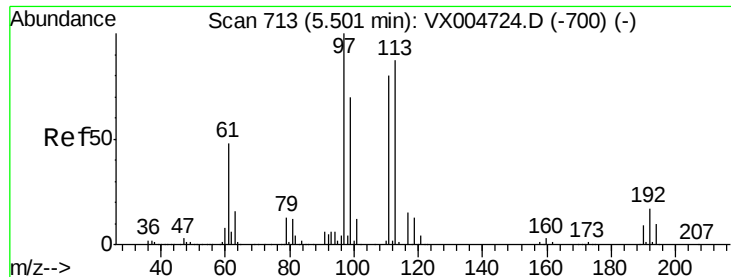
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.8

88 13.5 0.0 27.0

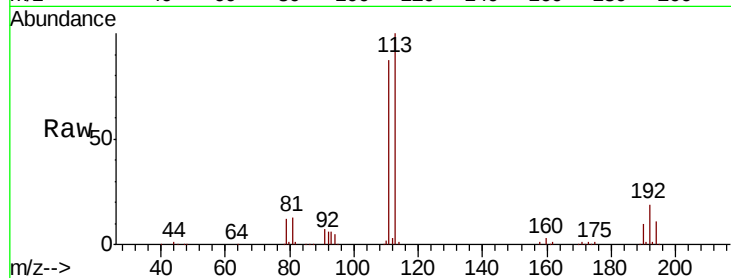




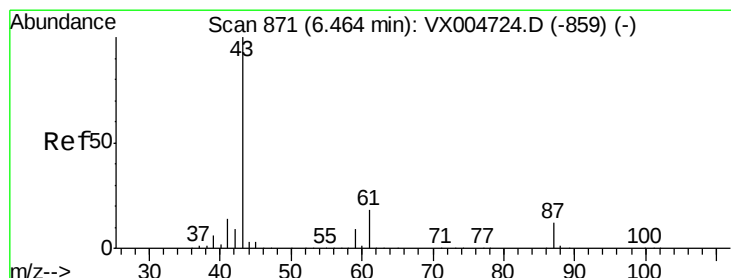
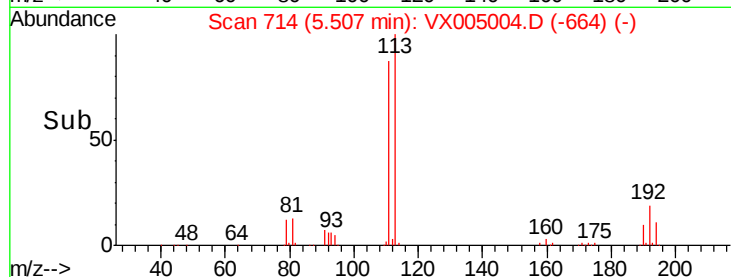
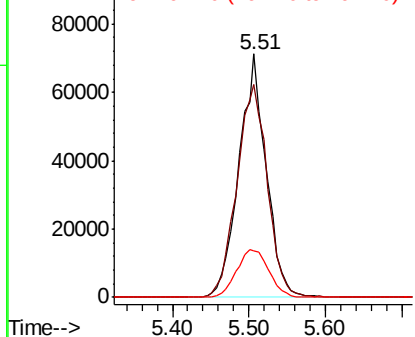
#35
 Dibromofluoromethane
 Concen: 48.407 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005004.D
 Acq: 04 Oct 2018 07:48

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-1018-S-TCLP-GRID41-2

Tot Ion:113 Resp: 175839
 Ion Ratio Lower Upper
 113 100
 111 97.9 77.0 115.4
 192 23.3 17.0 25.6

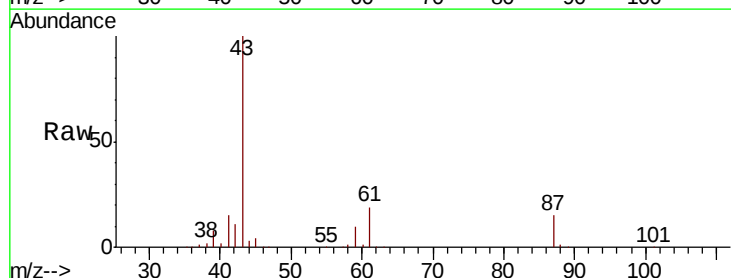


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

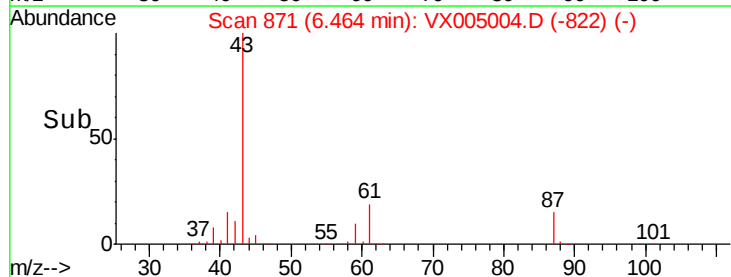
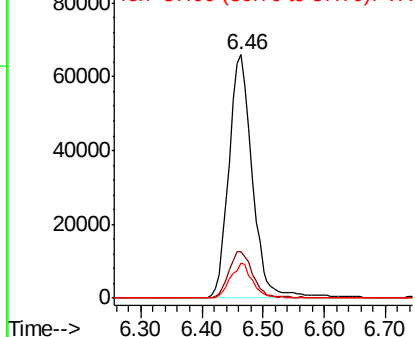


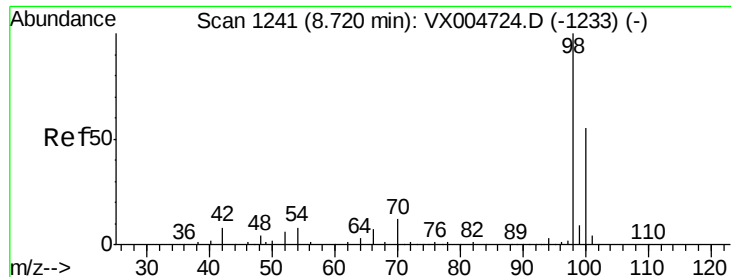
#43
 Isopropyl Acetate
 Concen: 18.321 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX005004.D
 Acq: 04 Oct 2018 07:48

Tgt Ion: 43 Resp: 173968
 Ion Ratio Lower Upper
 43 100
 61 19.4 14.2 21.4
 87 13.3 9.3 13.9



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: 48.617 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

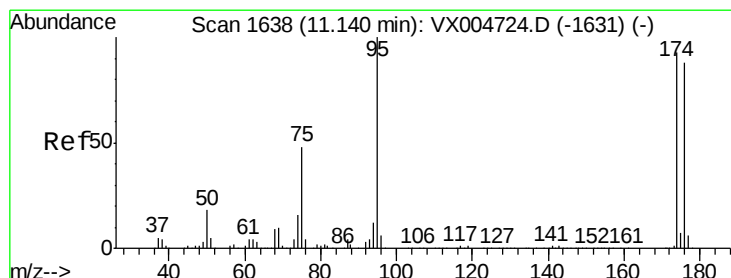
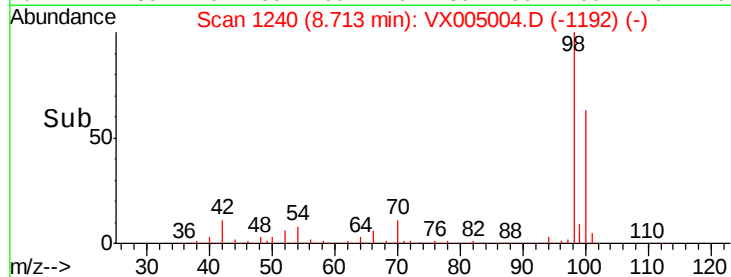
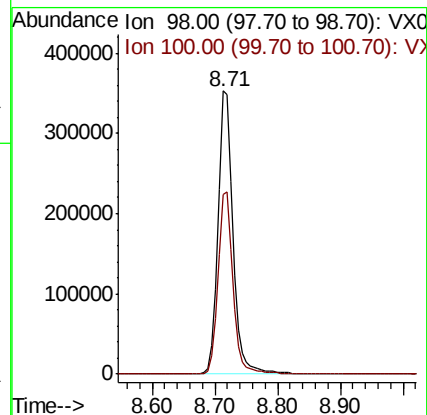
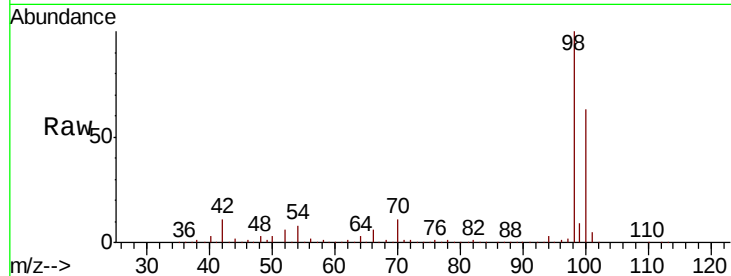
CB-1018-S-TCLP-GRID41-2

Tot Ion: 98 Resp: 587104

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.936 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005004.D

Acq: 04 Oct 2018 07:48

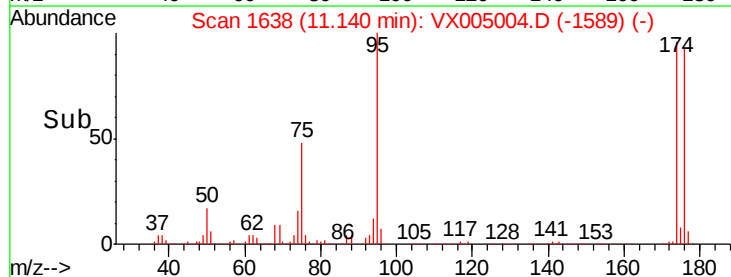
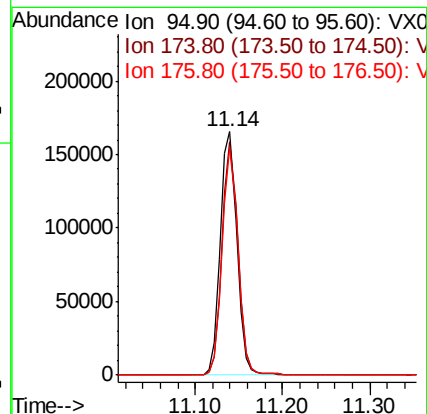
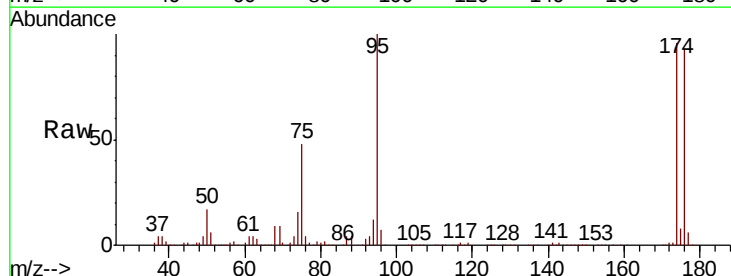
Tgt Ion: 95 Resp: 217246

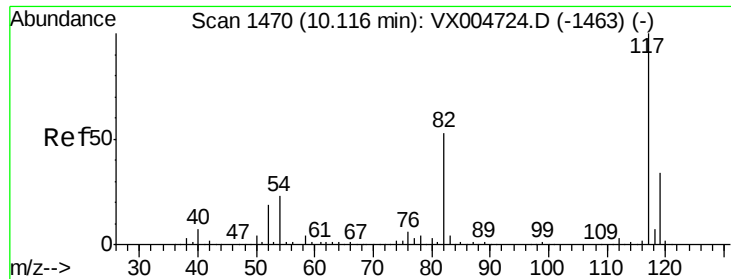
Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.0

176 88.8 0.0 180.2

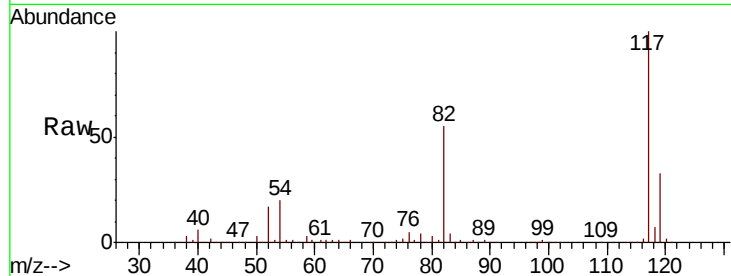




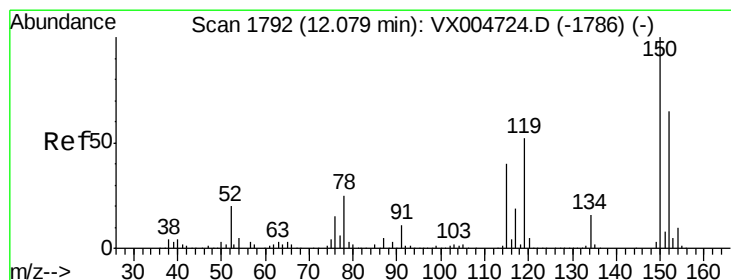
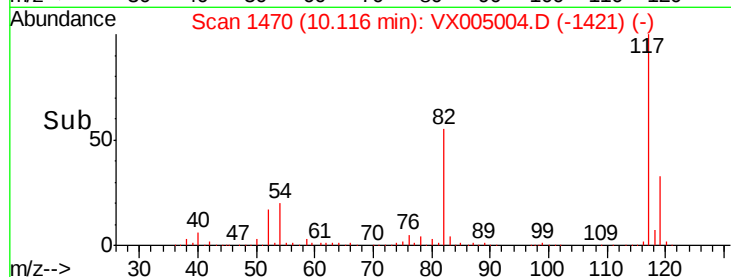
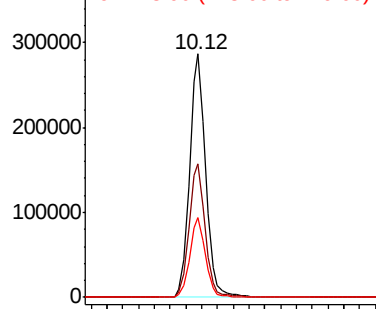
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005004.D
Acq: 04 Oct 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID41-2

Tot Ion:117 Resp: 406605
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.4
119 32.6 27.4 41.0

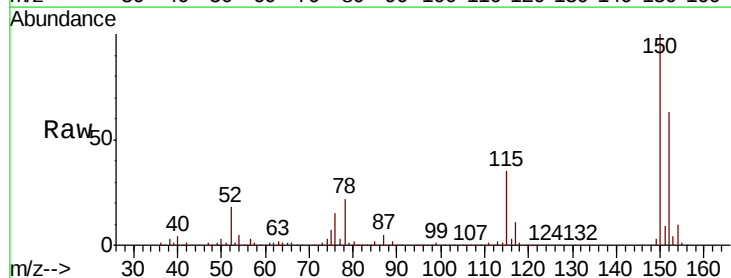


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

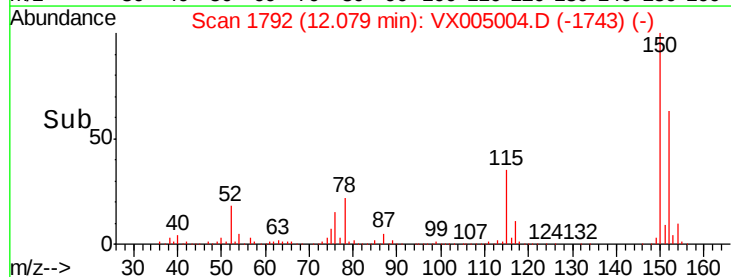
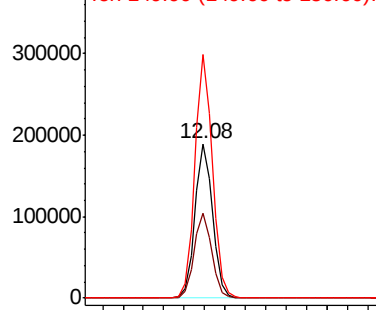


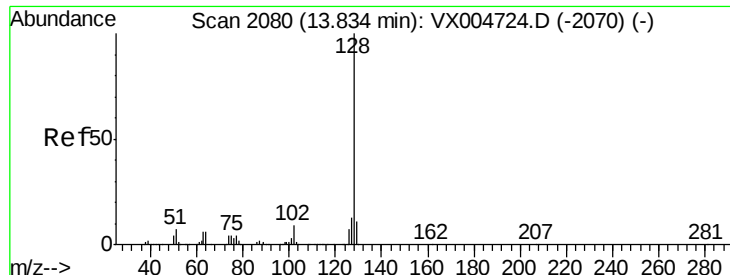
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005004.D
Acq: 04 Oct 2018 07:48

Tgt Ion:152 Resp: 226609
Ion Ratio Lower Upper
152 100
115 55.5 40.2 120.6
150 157.2 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: 1.004 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005004.D
Acq: 04 Oct 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	10.7	8.7	13.1

