

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004710.D
 Acq On : 19 Sep 2018 17:13
 Operator : JC/MD
 Sample : J4973-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

Quant Time: Sep 20 04:29:33 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

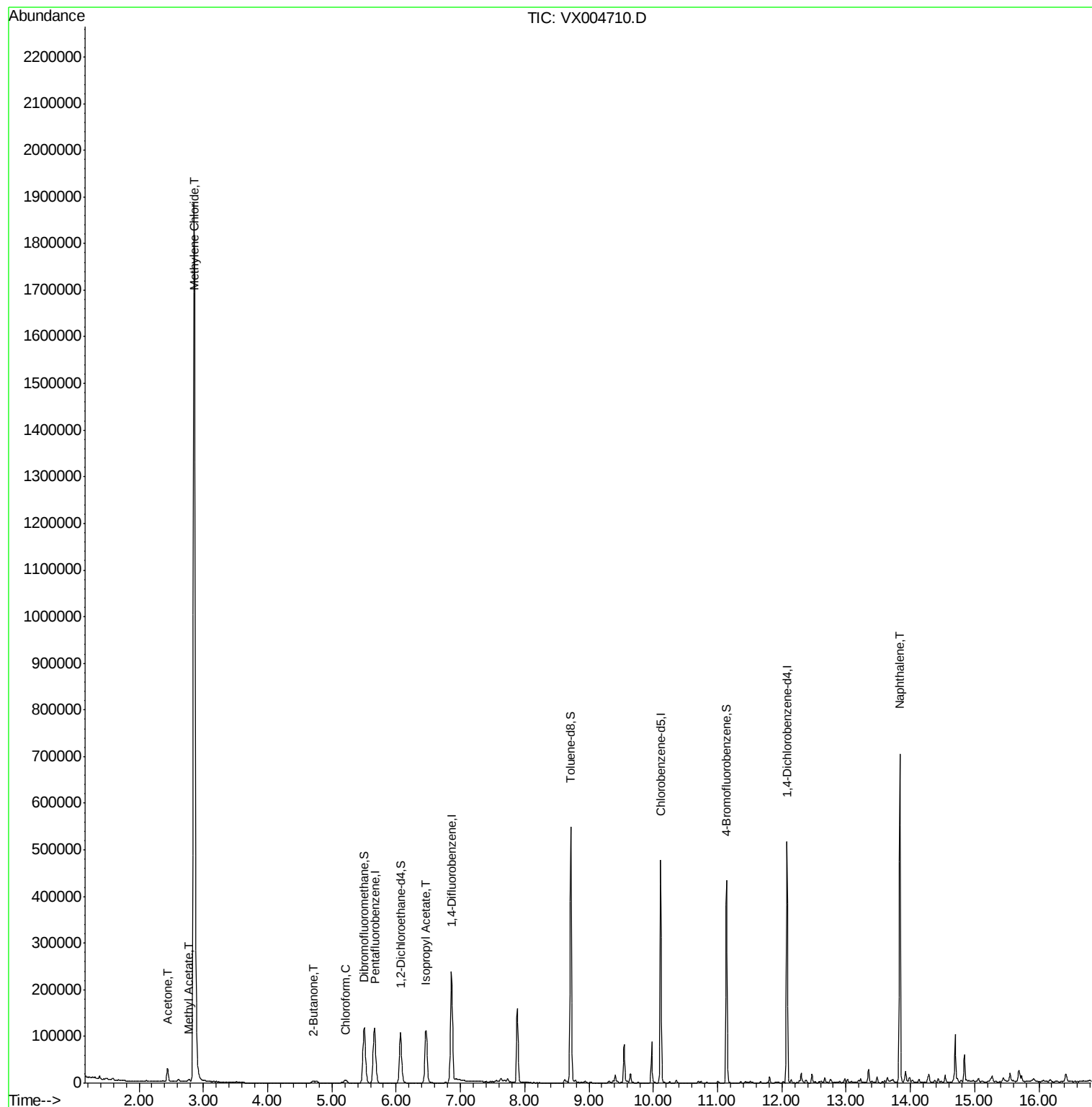
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	126690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	238935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	97941	59.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.92%	
35) Dibromofluoromethane	5.50	113	102243	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	8.71	98	343949	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
62) 4-Bromofluorobenzene	11.14	95	110634	42.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.54%	
Target Compounds						
16) Acetone	2.44	43	28497	35.74	ug/l	99
18) Methyl Acetate	2.78	43	5342	2.39	ug/l	97
20) Methylene Chloride	2.85	84	969202	592.58	ug/l	94
25) 2-Butanone	4.71	43	8462	6.67	ug/l	99
30) Chloroform	5.21	83	7692	2.85	ug/l	93
43) Isopropyl Acetate	6.47	43	151476	34.57	ug/l	99
95) Naphthalene	13.83	128	426366	55.90	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004710.D
Acq On : 19 Sep 2018 17:13
Operator : JC/MD
Sample : J4973-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Quant Time: Sep 20 04:29:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004710.D

Acq: 19 Sep 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

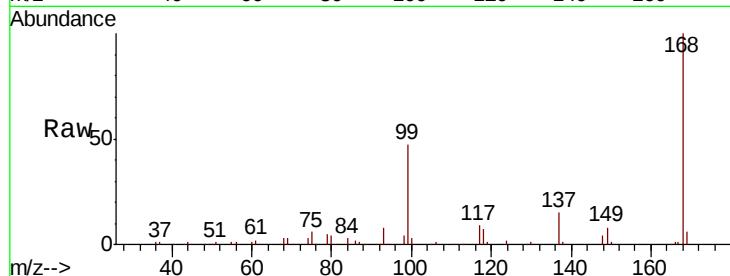
CB-0918-S-TCLP-GRID56-3

Tot Ion:168 Resp: 126690

Ion Ratio Lower Upper

168 100

99 47.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

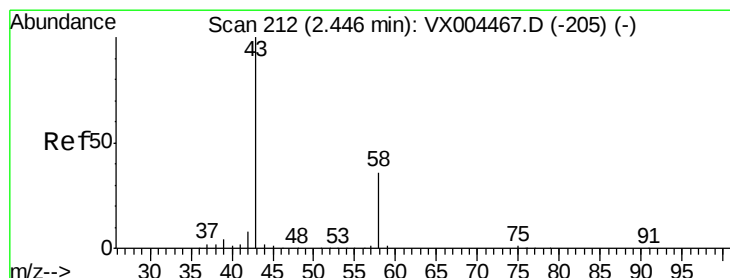
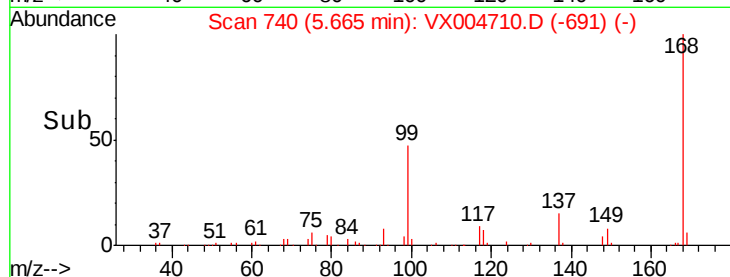
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 35.74 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004710.D

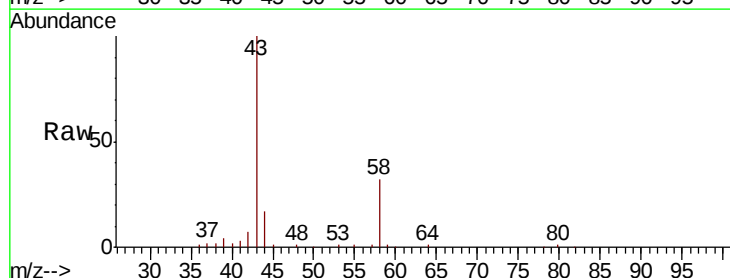
Acq: 19 Sep 2018 17:13

Tgt Ion: 43 Resp: 28497

Ion Ratio Lower Upper

43 100

58 32.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

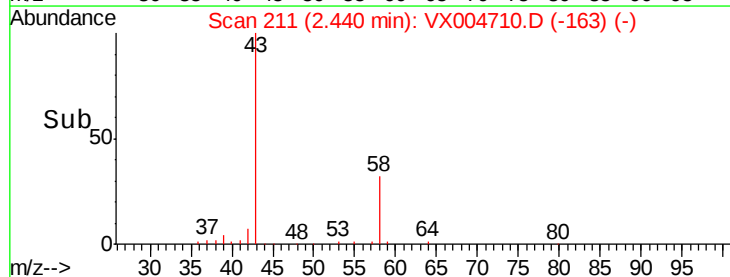
15000

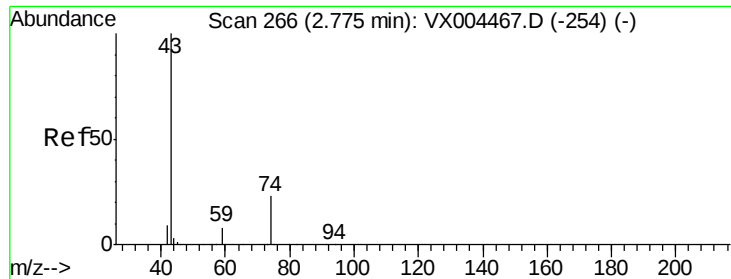
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

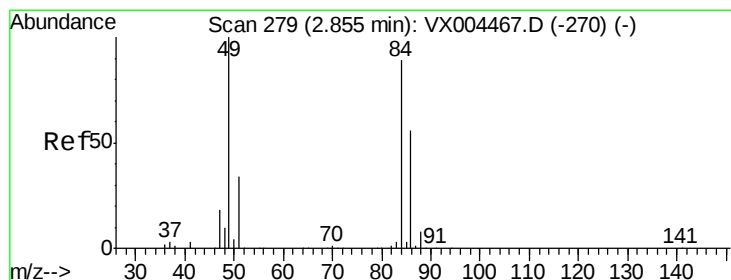
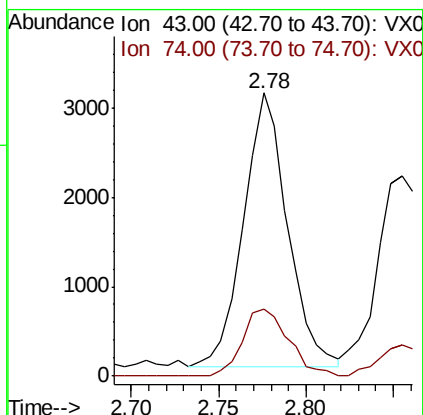
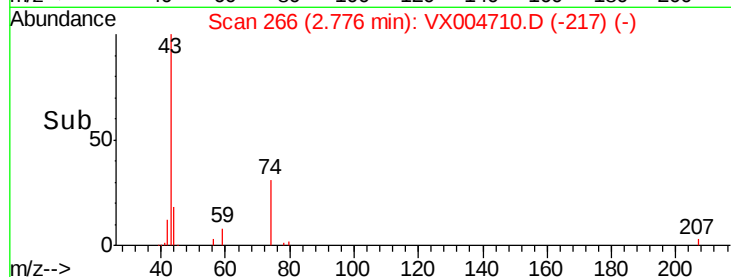
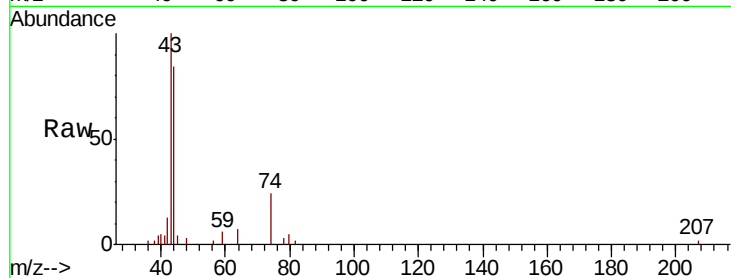




#18
Methyl Acetate
Concen: 2.39 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004710.D
Acq: 19 Sep 2018 17:13

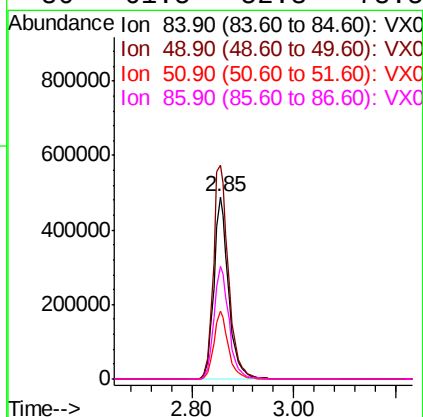
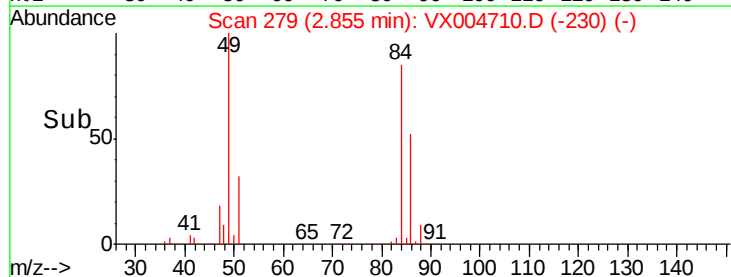
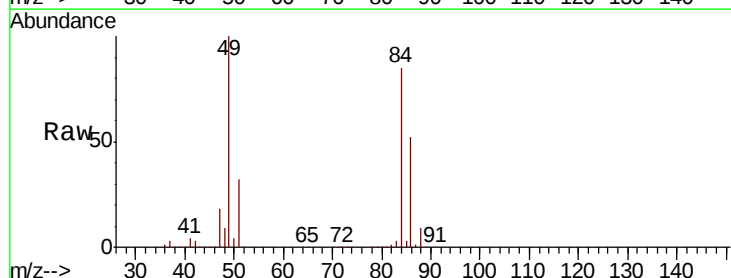
Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

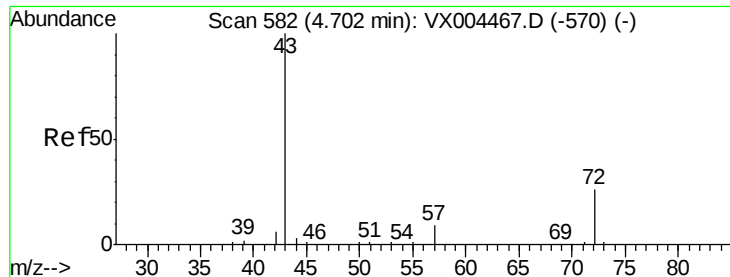
Tot Ion: 43 Resp: 5342
Ion Ratio Lower Upper
43 100
74 25.6 19.4 29.2



#20
Methylene Chloride
Concen: 592.58 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004710.D
Acq: 19 Sep 2018 17:13

Tgt Ion: 84 Resp: 969202
Ion Ratio Lower Upper
84 100
49 117.2 101.2 151.8
51 37.0 29.5 44.3
86 61.5 52.3 78.5





#25

2-Butanone

Concen: 6.67 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004710.D

Acq: 19 Sep 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

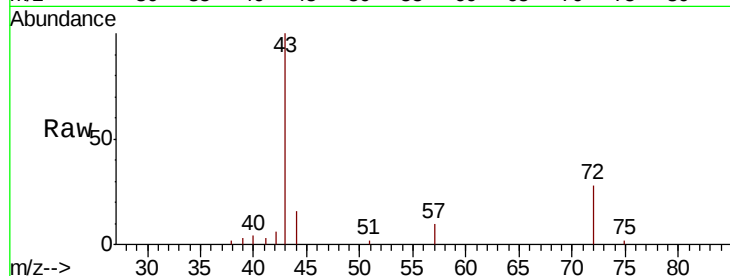
CB-0918-S-TCLP-GRID56-3

Tot Ion: 43 Resp: 8462

Ion Ratio Lower Upper

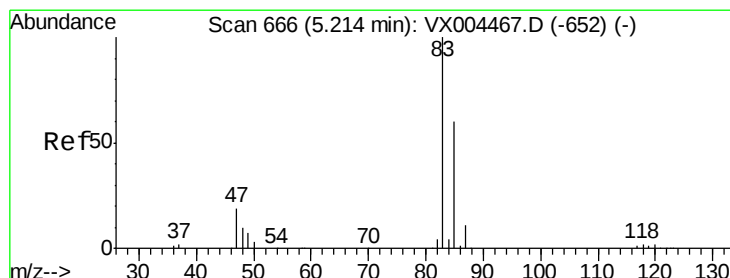
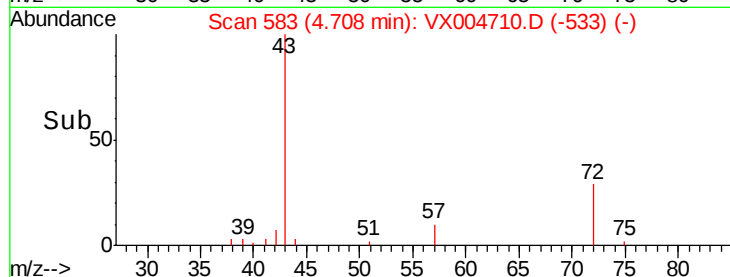
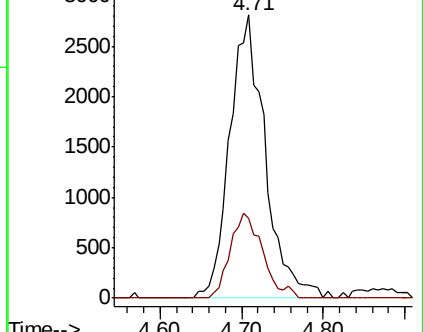
43 100

72 28.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 2.85 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004710.D

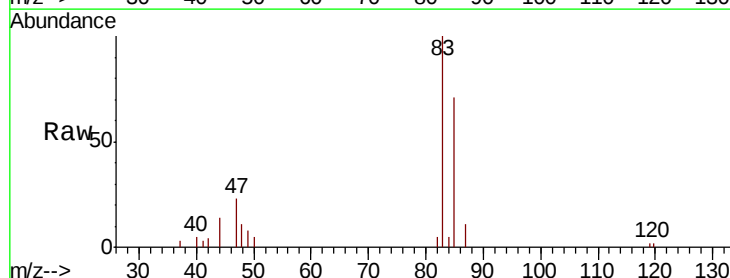
Acq: 19 Sep 2018 17:13

Tgt Ion: 83 Resp: 7692

Ion Ratio Lower Upper

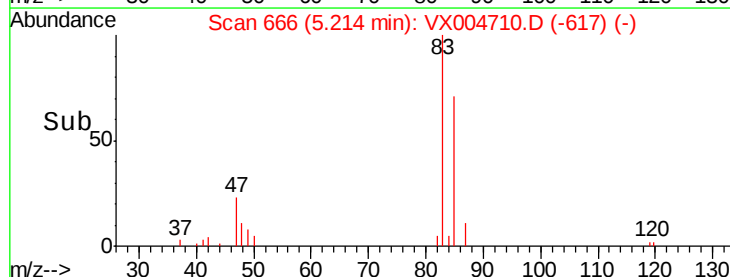
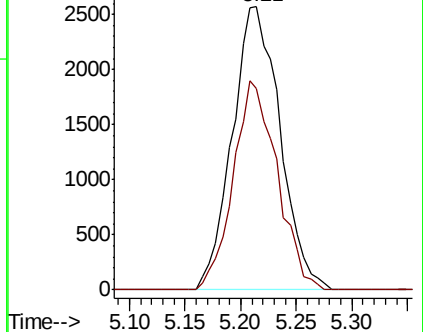
83 100

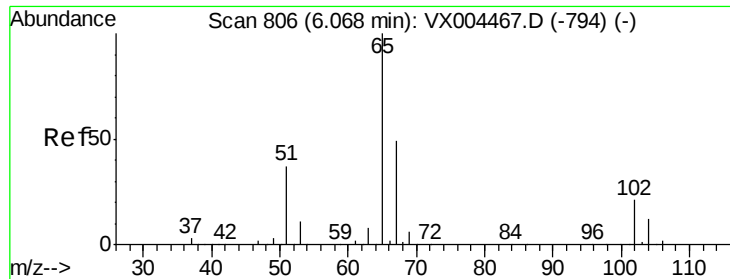
85 71.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 59.96 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004710.D

Acq: 19 Sep 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

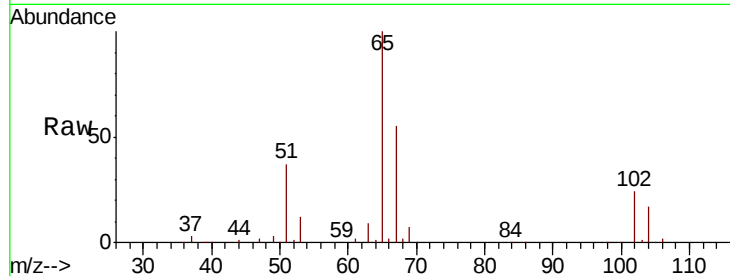
CB-0918-S-TCLP-GRID56-3

Tot Ion: 65 Resp: 97941

Ion Ratio Lower Upper

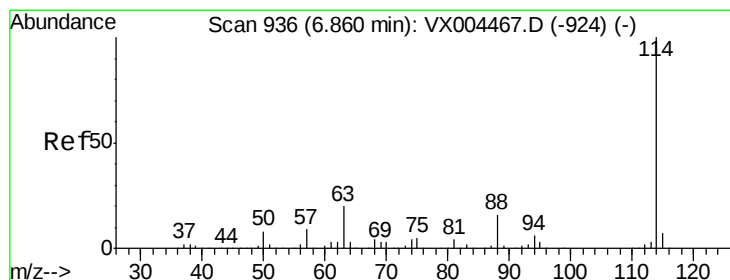
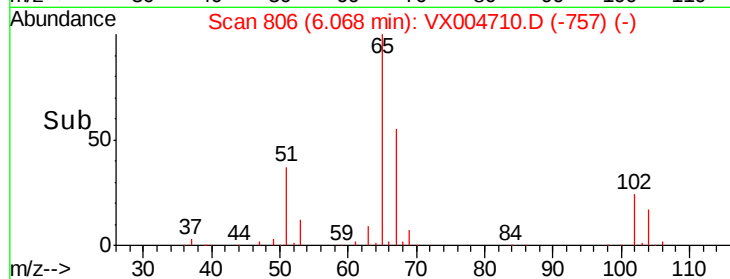
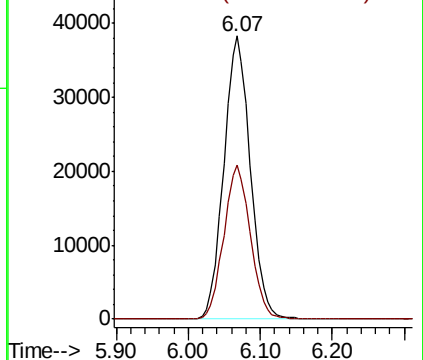
65 100

67 54.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004710.D

Acq: 19 Sep 2018 17:13

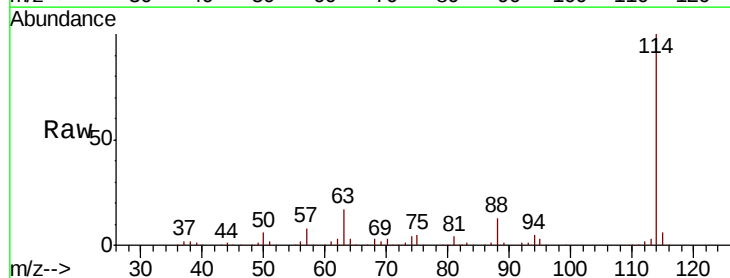
Tgt Ion: 114 Resp: 238935

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.0

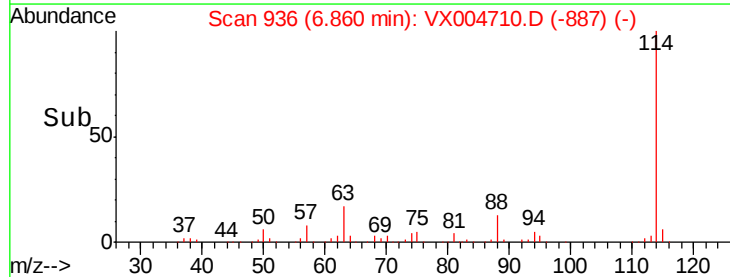
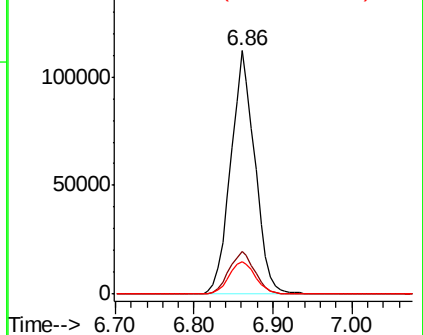
88 13.4 0.0 30.4

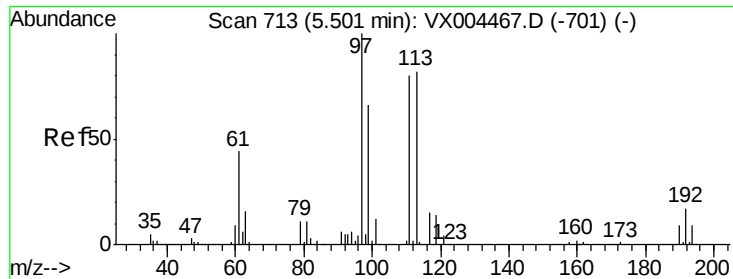


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

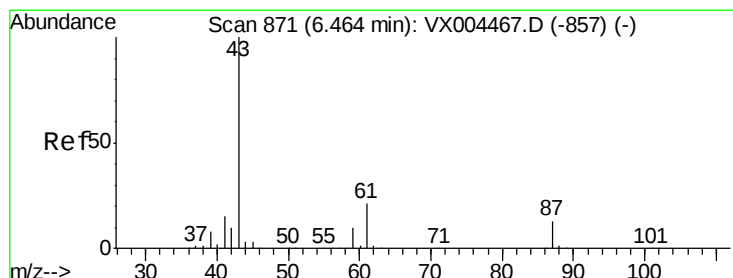
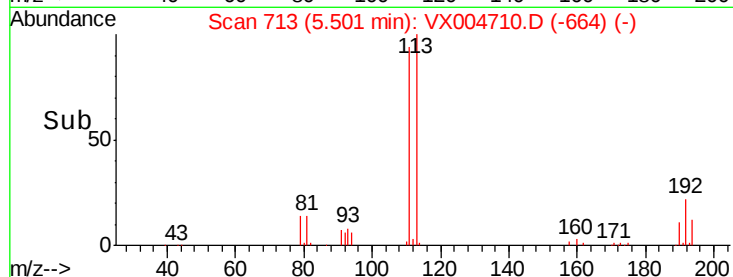
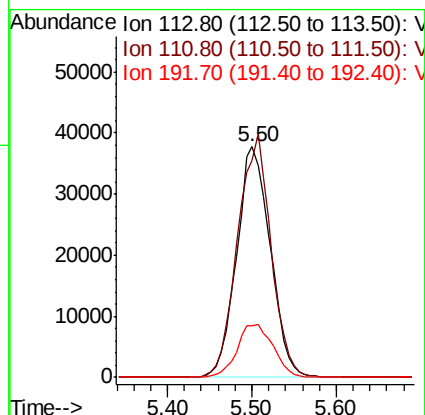
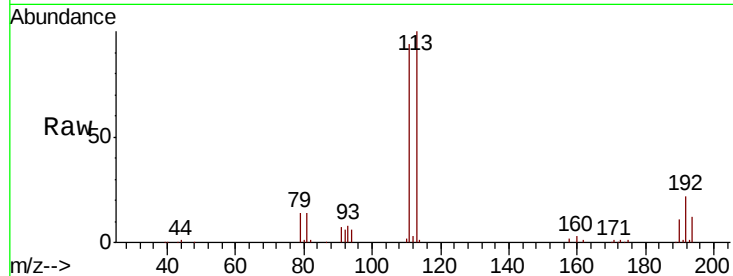




#35
 Dibromofluoromethane
 Concen: 46.76 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004710.D
 Acq: 19 Sep 2018 17:13

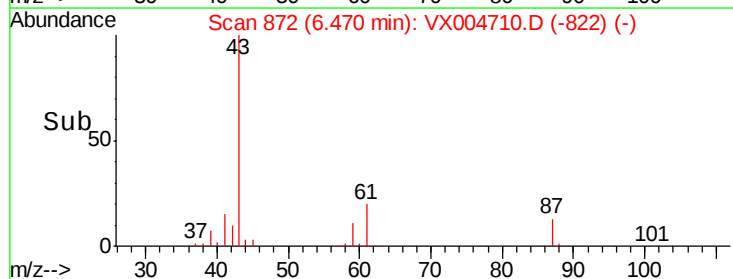
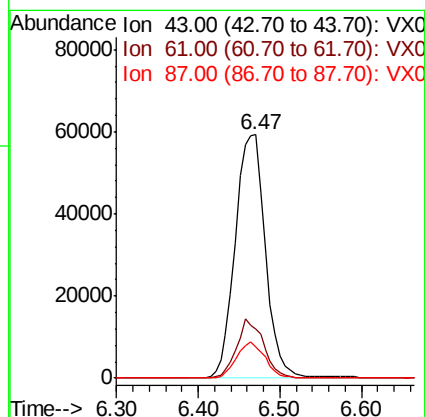
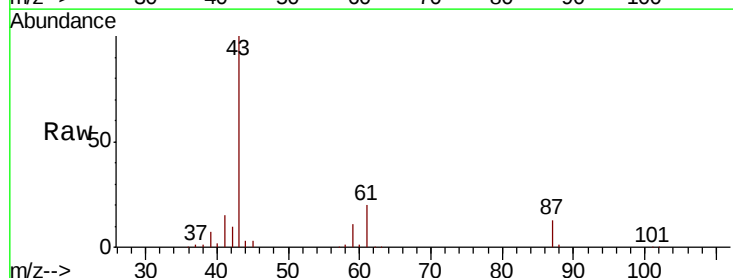
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-3

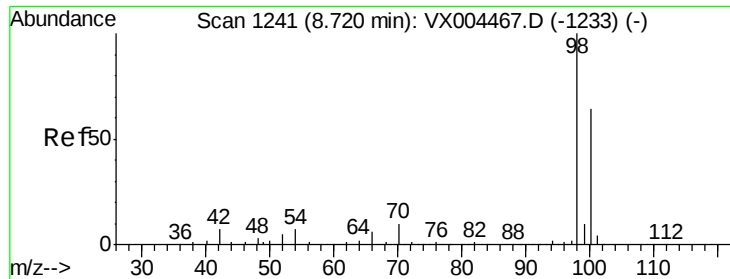
Tot Ion:113 Resp: 102243
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 24.4 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 34.57 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX004710.D
 Acq: 19 Sep 2018 17:13

Tgt Ion: 43 Resp: 151476
 Ion Ratio Lower Upper
 43 100
 61 21.6 17.0 25.4
 87 14.2 11.4 17.2





#50

Toluene-d8

Concen: 46.91 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004710.D

Acq: 19 Sep 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

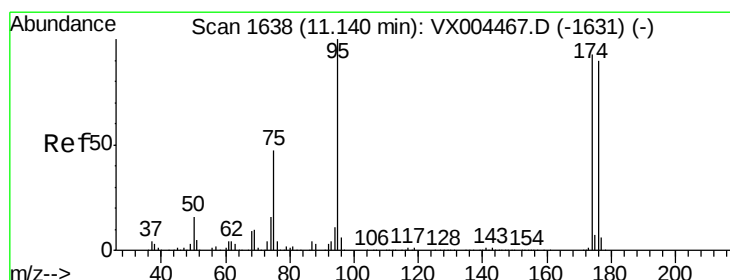
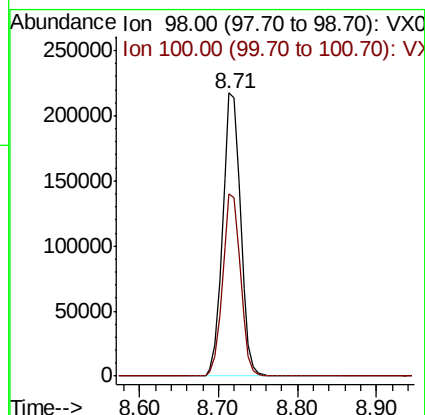
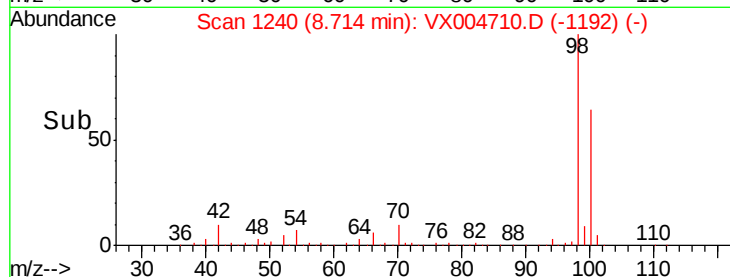
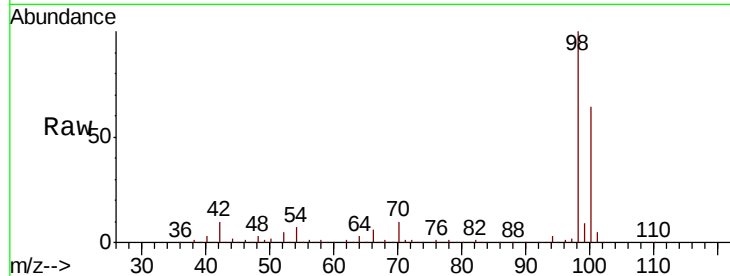
CB-0918-S-TCLP-GRID56-3

Tot Ion: 98 Resp: 343949

Ion Ratio Lower Upper

98 100

100 63.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 42.27 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004710.D

Acq: 19 Sep 2018 17:13

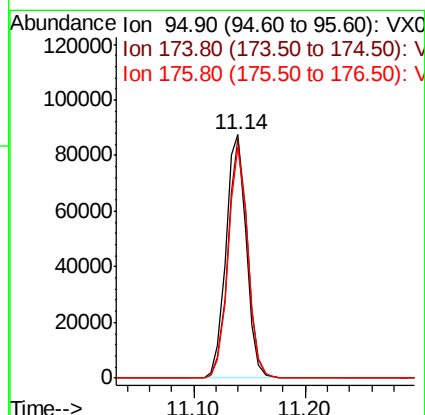
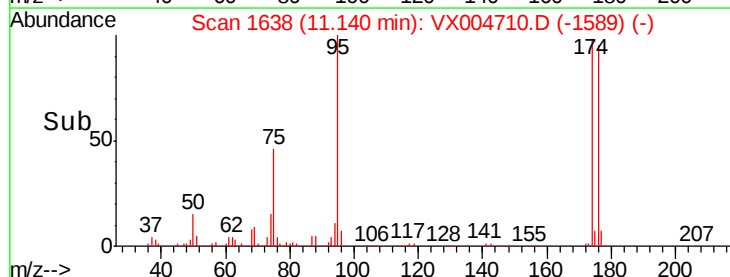
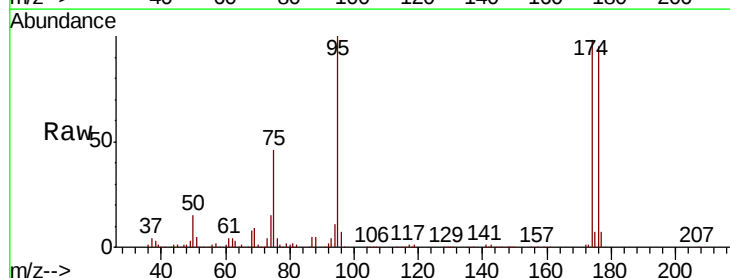
Tgt Ion: 95 Resp: 110634

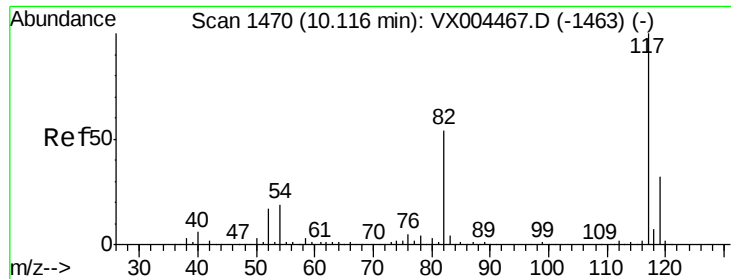
Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

176 91.3 0.0 178.6

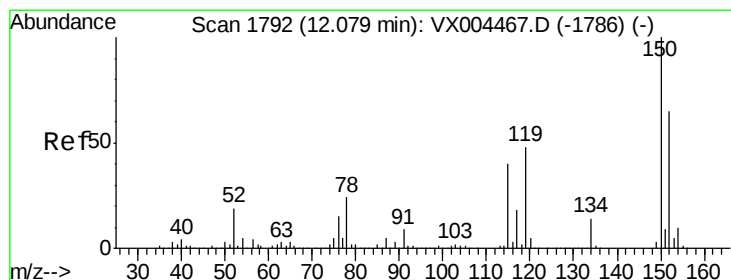
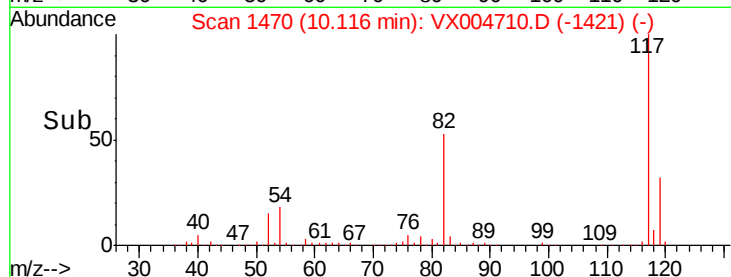
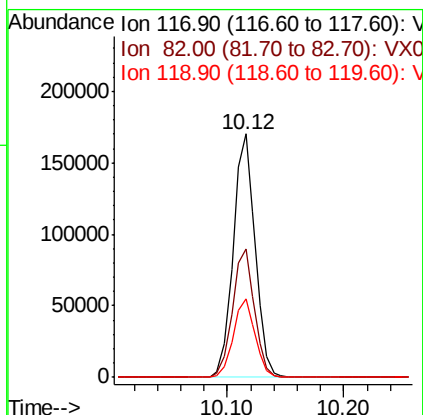
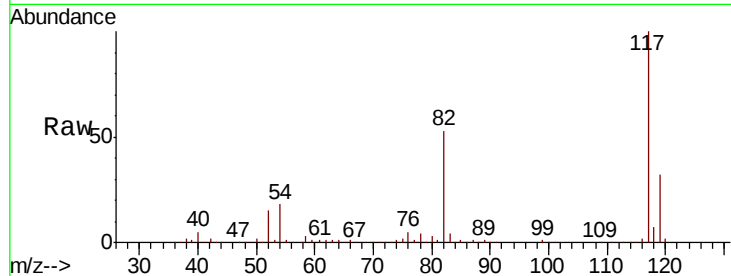




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004710.D
Acq: 19 Sep 2018 17:13

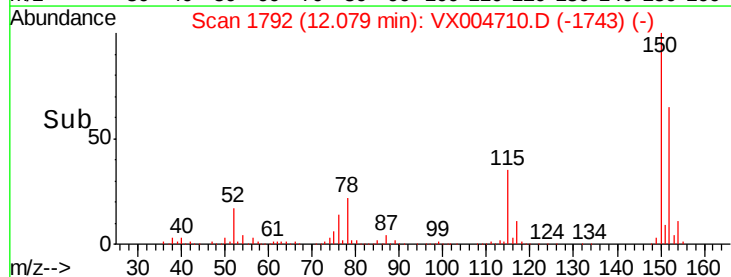
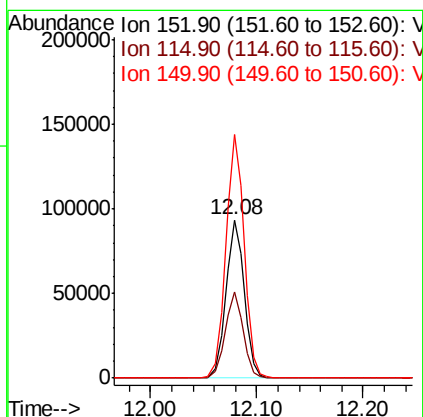
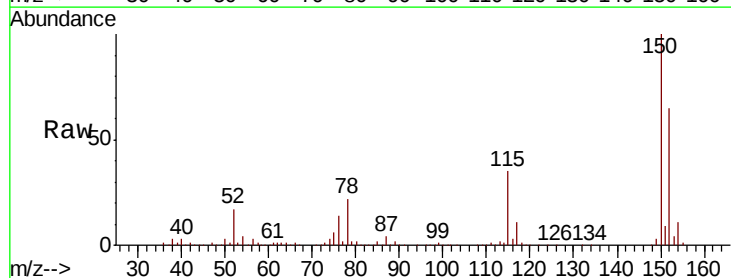
Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

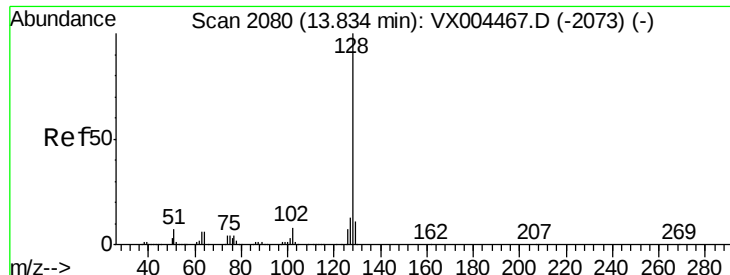
Tot Ion:117 Resp: 222543
Ion Ratio Lower Upper
117 100
82 52.8 47.8 71.6
119 32.2 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004710.D
Acq: 19 Sep 2018 17:13

Tgt Ion:152 Resp: 111722
Ion Ratio Lower Upper
152 100
115 53.7 39.0 117.0
150 154.7 0.0 351.0





#95
Naphthalene
Concen: 55.90 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004710.D
Acq: 19 Sep 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
CB-0918-S-TCLP-GRID56-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.6	12.8

