

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005005.D
 Acq On : 04 Oct 2018 08:14
 Operator : JC/MD
 Sample : J5211-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-1018-S-TCLP-GRID50-1

Quant Time: Oct 04 09:37:58 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	5.66	168	286329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222270	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	199143	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
35) Dibromofluoromethane	5.51	113	176730	47.62	ug/l	0.01
Spiked Amount			Recovery	=	95.24%	
50) Toluene-d8	8.72	98	620935	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.14	95	220078	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

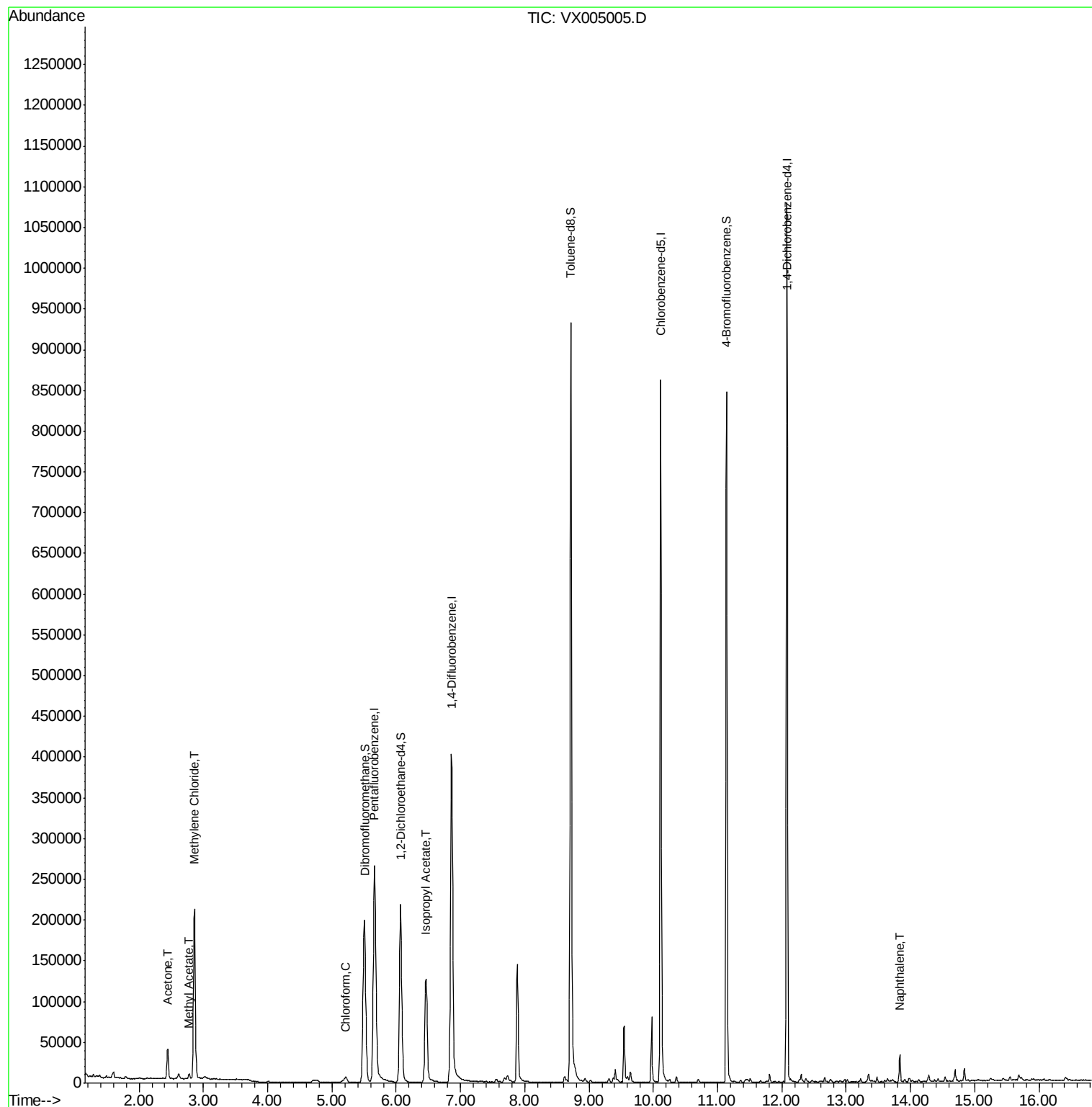
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	40260	16.860	ug/l	99
18) Methyl Acetate	2.78	43	8055	1.331	ug/l	96
20) Methylene Chloride	2.86	84	96050	27.283	ug/l	90
30) Chloroform	5.21	83	7427	1.156	ug/l	99
43) Isopropyl Acetate	6.46	43	182769	18.841	ug/l	94
95) Naphthalene	13.83	128	20691	1.823	ug/l	99

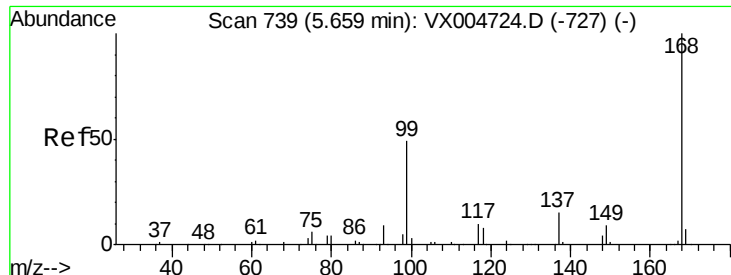
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005005.D
Acq On : 04 Oct 2018 08:14
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Sample : J5211-03
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
CB-1018-S-TCLP-GRID50-1

Quant Time: Oct 04 09:37:58 2018
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: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

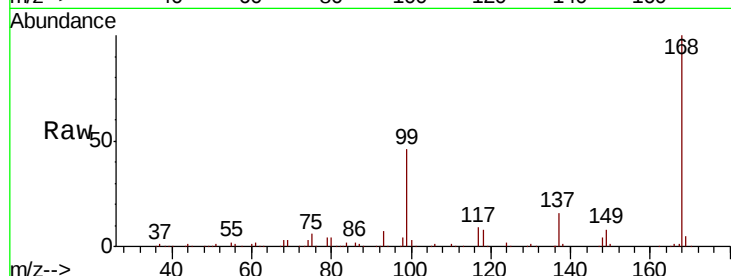
CB-1018-S-TCLP-GRID50-1

Tot Ion:168 Resp: 286329

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

5.66

120000

100000

80000

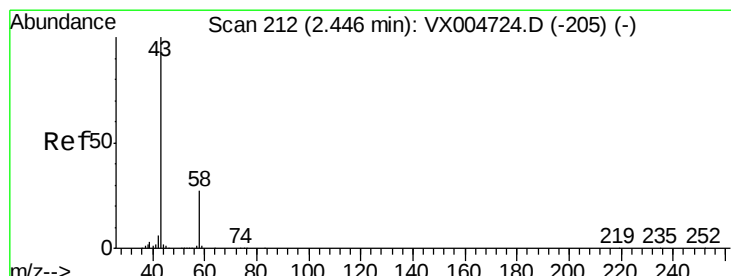
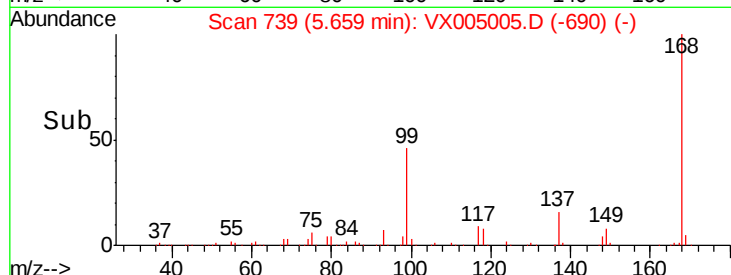
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.860 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005005.D

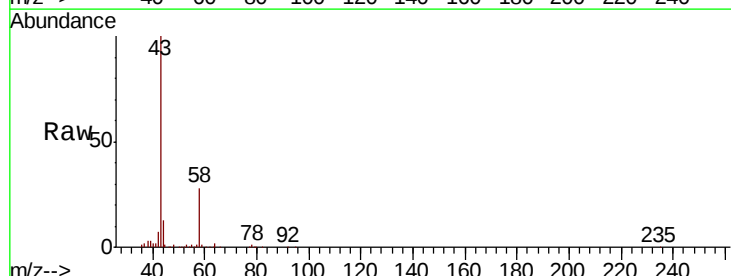
Acq: 04 Oct 2018 08:14

Tgt Ion: 43 Resp: 40260

Ion Ratio Lower Upper

43 100

58 27.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

25000

20000

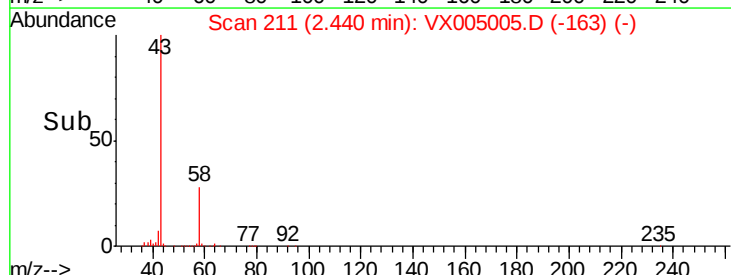
15000

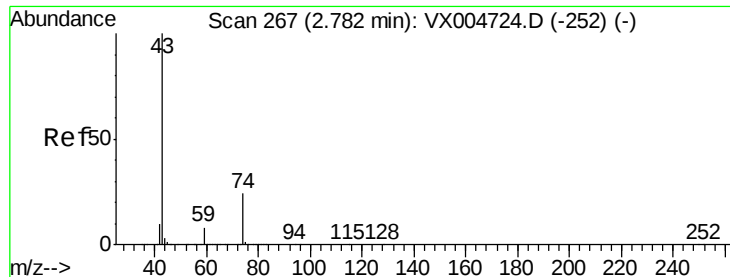
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

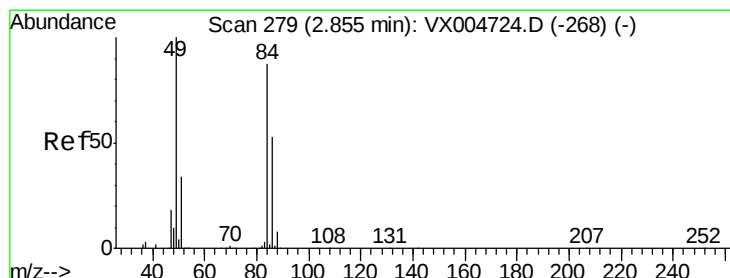
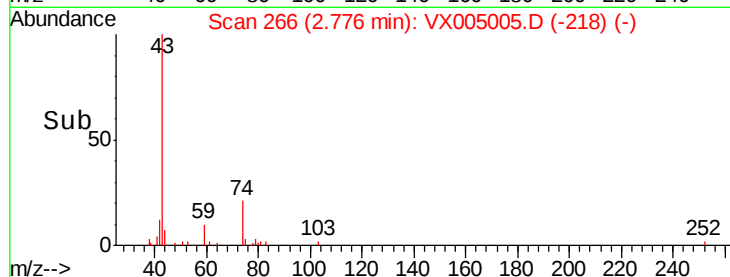
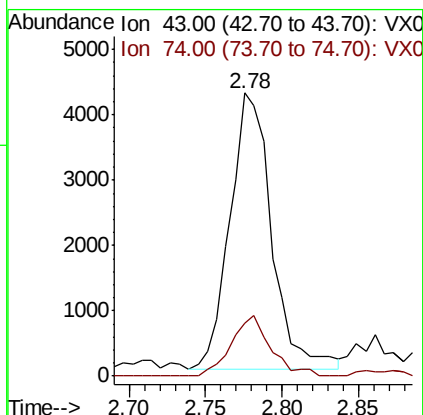
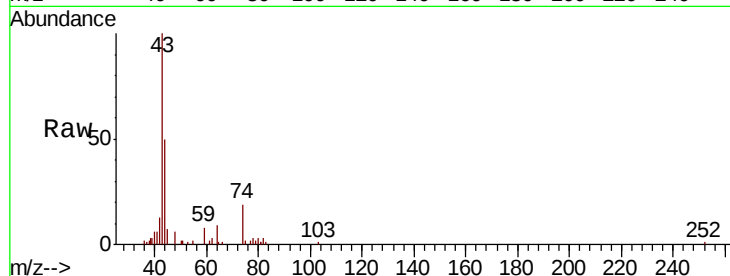




#18
Methvl Acetate
Concen: 1.331 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

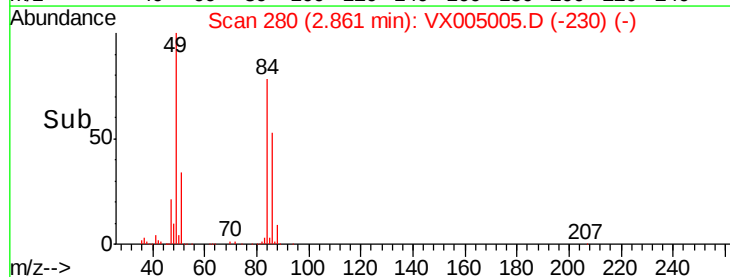
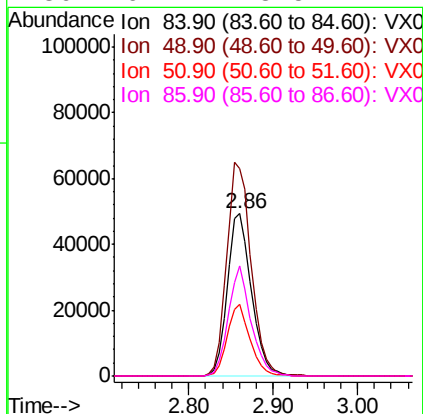
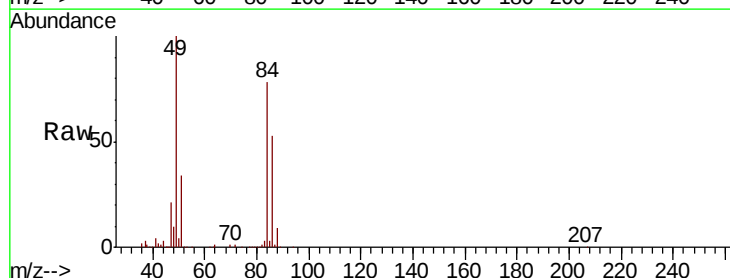
Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

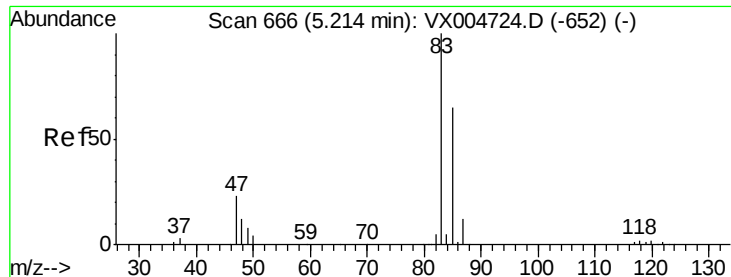
Tot Ion: 43 Resp: 8055
Ion Ratio Lower Upper
43 100
74 20.6 17.8 26.8



#20
Methylene Chloride
Concen: 27.283 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

Tgt Ion: 84 Resp: 96050
Ion Ratio Lower Upper
84 100
49 127.5 92.3 138.5
51 43.8 31.8 47.6
86 67.7 48.5 72.7

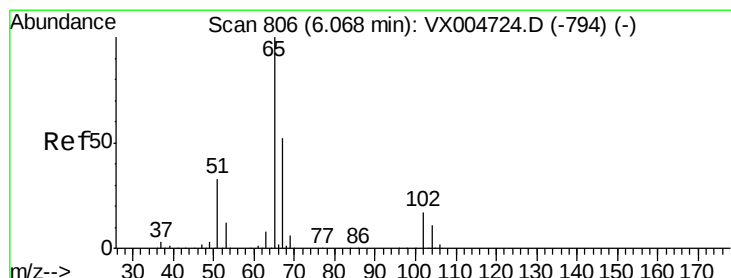
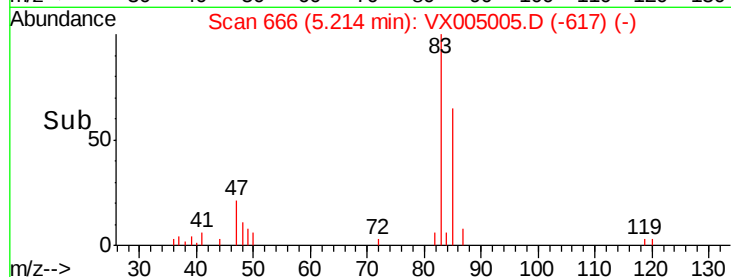
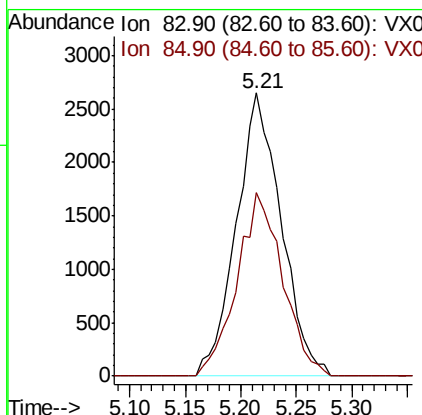
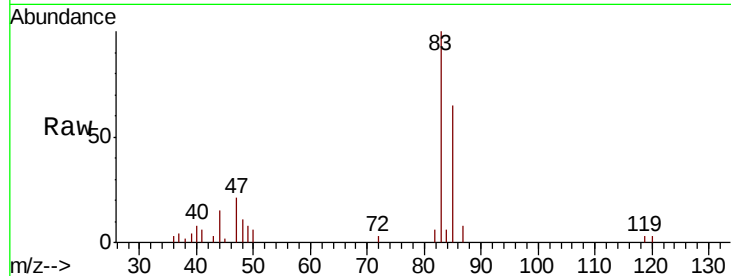




#30
Chloroform
Concen: 1.156 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

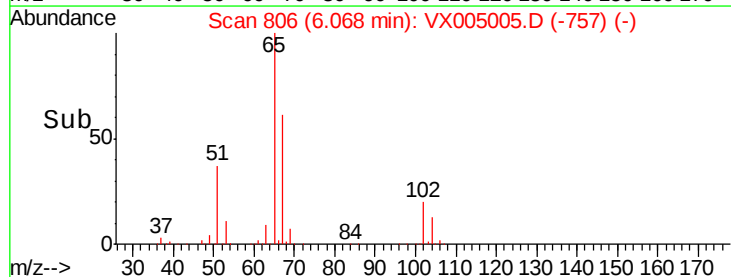
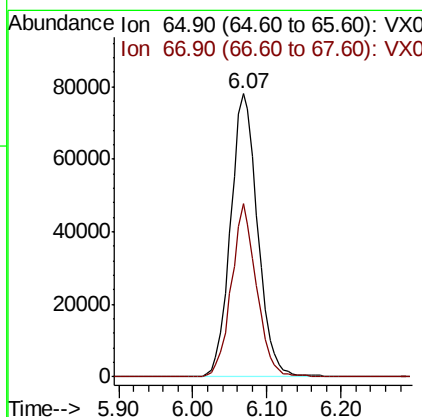
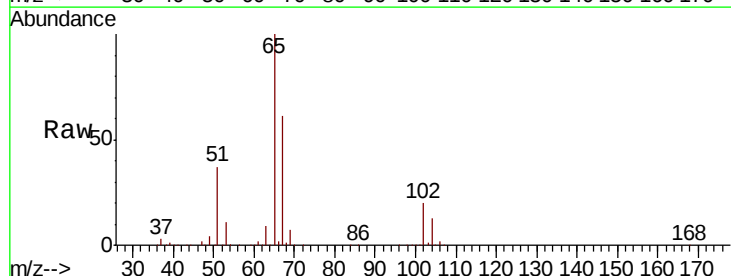
Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

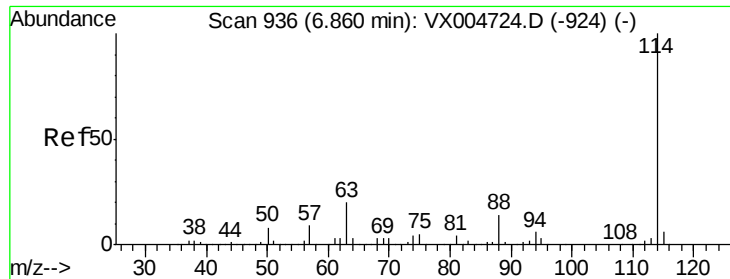
Tot Ion: 83 Resp: 7427
Ion Ratio Lower Upper
83 100
85 64.8 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 48.688 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

Tgt Ion: 65 Resp: 199143
Ion Ratio Lower Upper
65 100
67 57.0 0.0 107.4

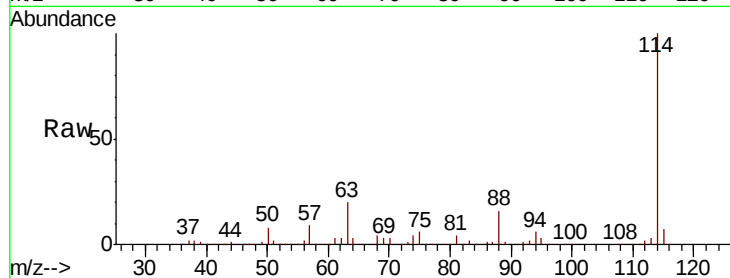




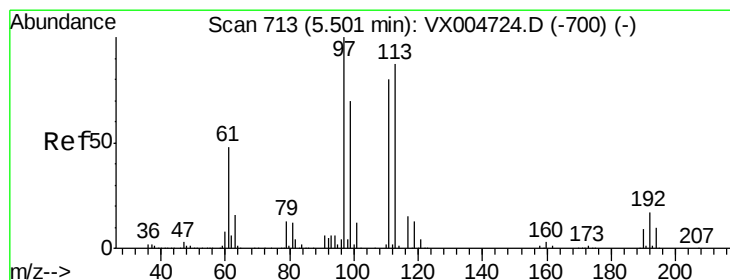
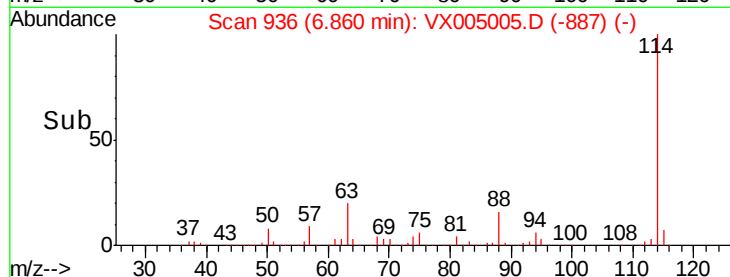
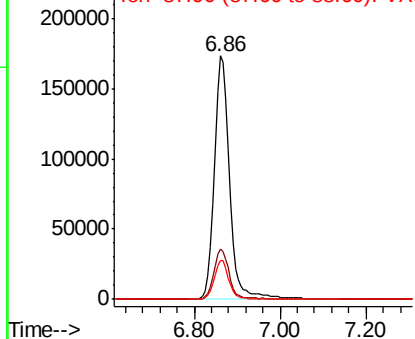
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005005.D
 Acq: 04 Oct 2018 08:14

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-1018-S-TCLP-GRID50-1

Tot Ion:114 Resp: 437862
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.9 0.0 27.0

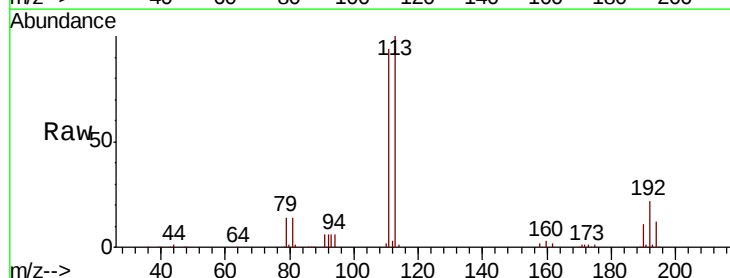


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

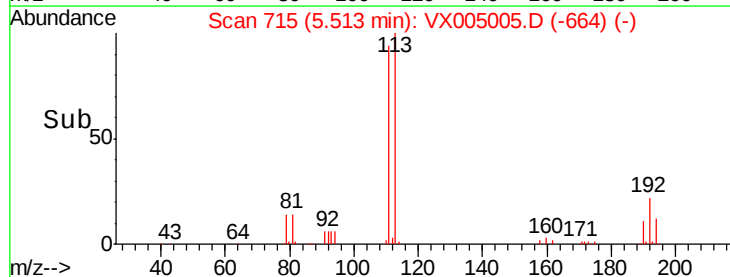
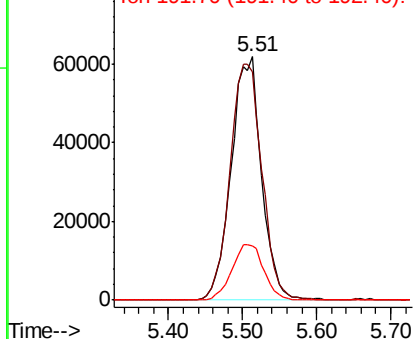


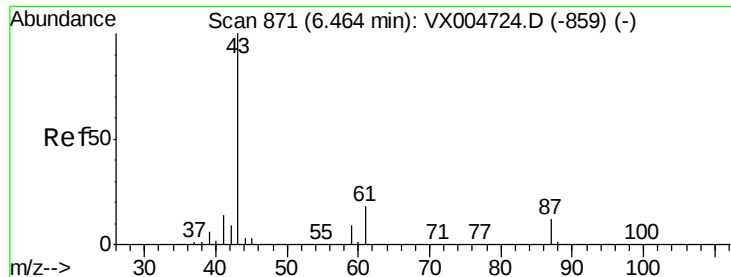
#35
 Dibromofluoromethane
 Concen: 47.624 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX005005.D
 Acq: 04 Oct 2018 08:14

Tgt Ion:113 Resp: 176730
 Ion Ratio Lower Upper
 113 100
 111 102.0 77.0 115.4
 192 24.1 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: 18.841 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

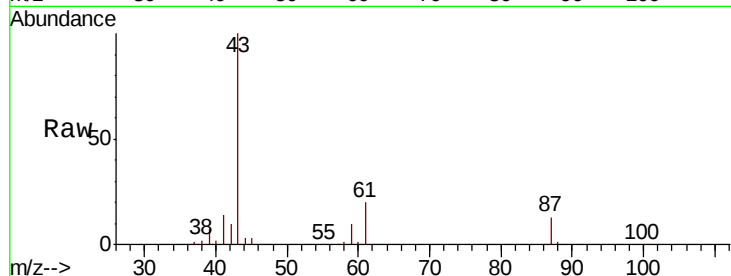
Tot Ion: 43 Resp: 182769

Ion Ratio Lower Upper

43 100

61 21.1 14.2 21.4

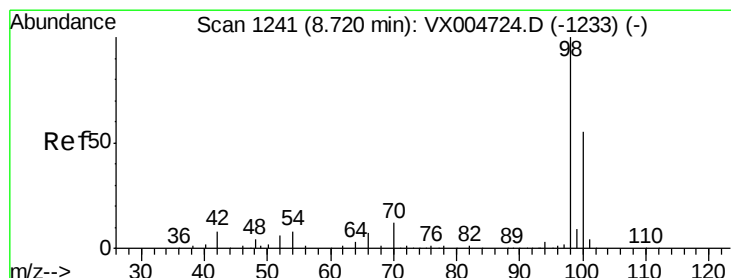
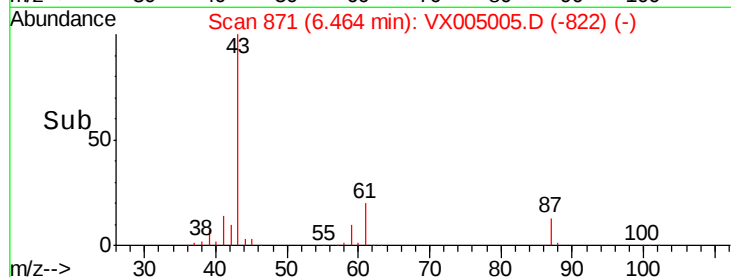
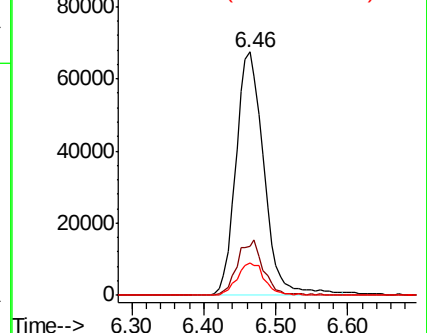
87 13.2 9.3 13.9



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: 50.331 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005005.D

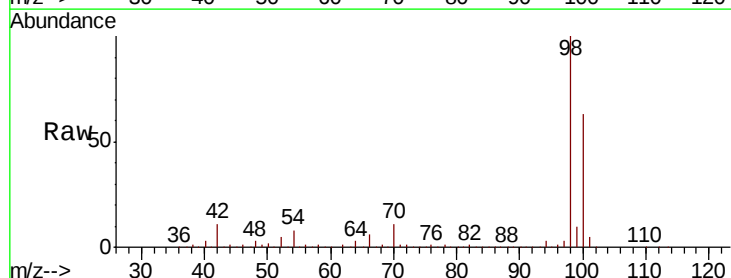
Acq: 04 Oct 2018 08:14

Tgt Ion: 98 Resp: 620935

Ion Ratio Lower Upper

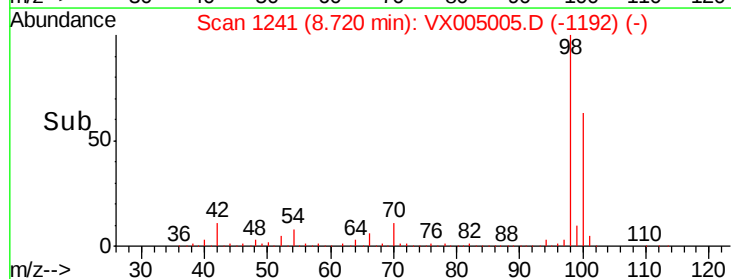
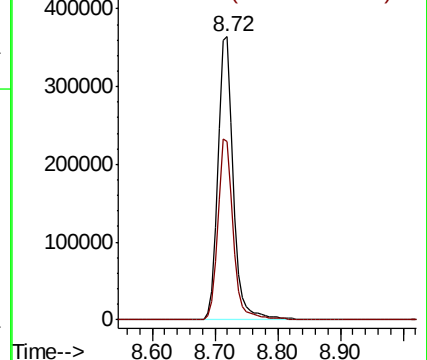
98 100

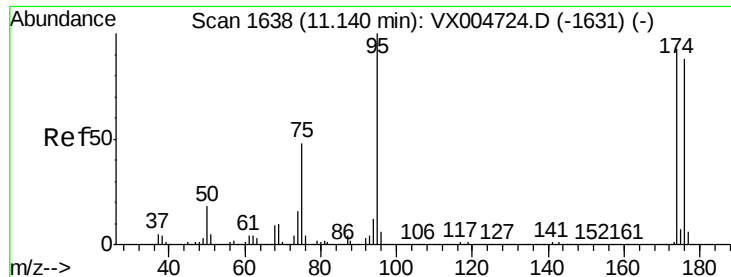
100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

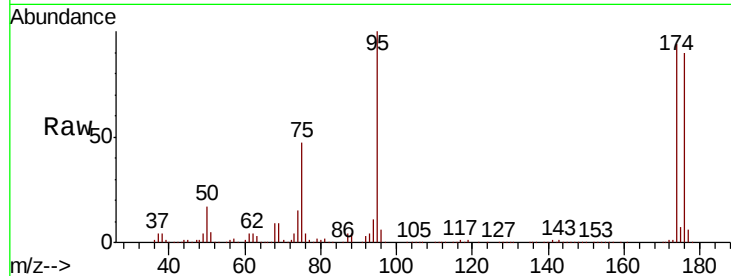




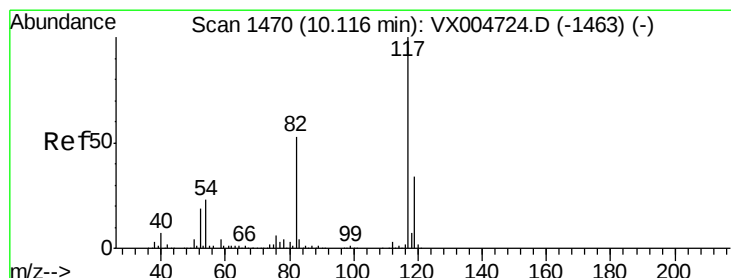
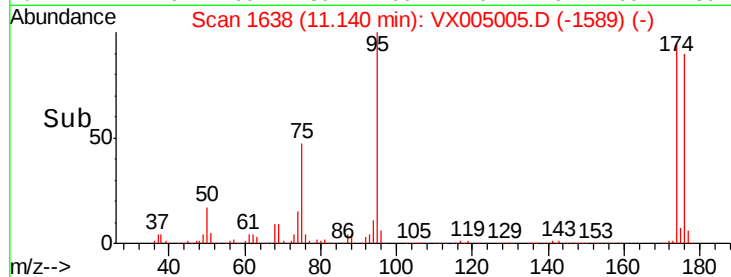
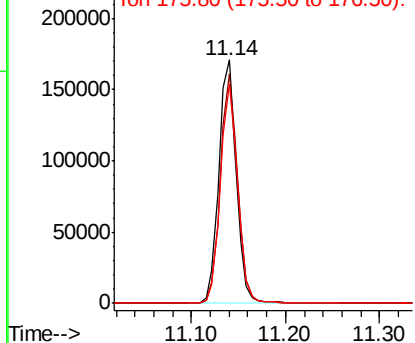
#62
4-Bromofluorobenzene
Concen: 49.517 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

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CB-1018-S-TCLP-GRID50-1

Tot Ion: 95 Resp: 220078
Ion Ratio Lower Upper
95 100
174 93.4 0.0 185.0
176 89.3 0.0 180.2

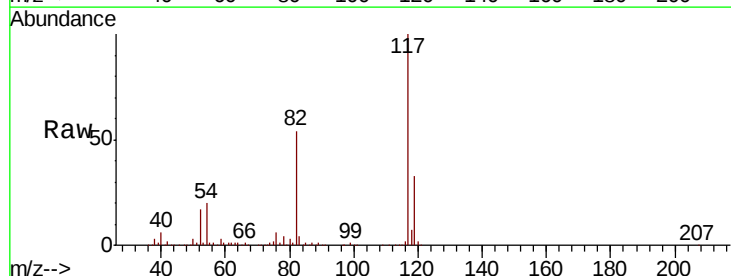


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

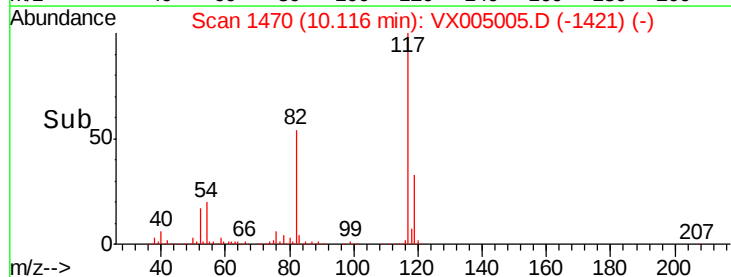
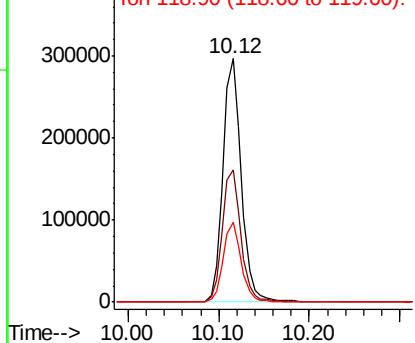


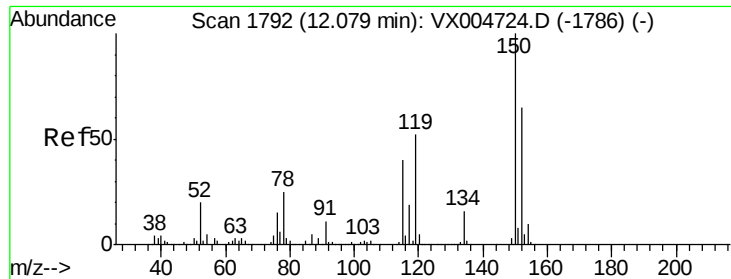
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

Tgt Ion: 117 Resp: 419602
Ion Ratio Lower Upper
117 100
82 54.5 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: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

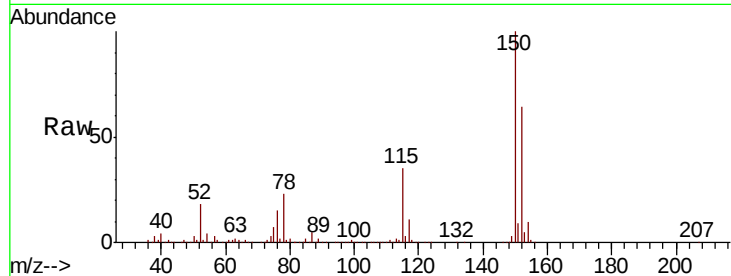
Tot Ion:152 Resp: 222270

Ion Ratio Lower Upper

152 100

115 54.9 40.2 120.6

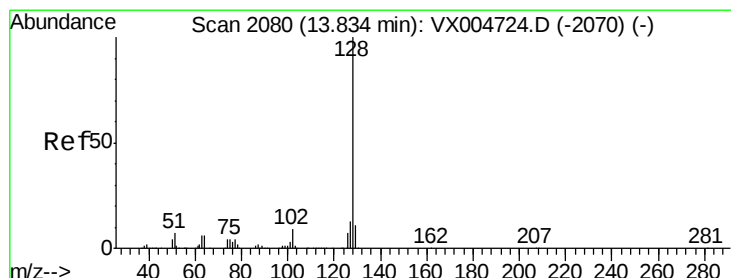
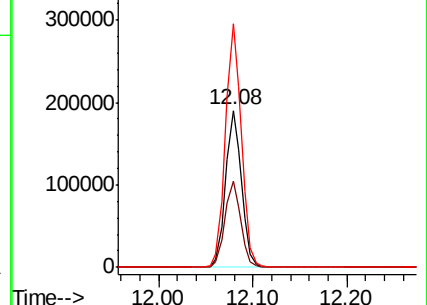
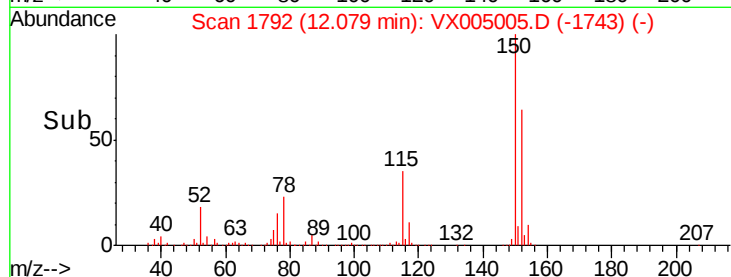
150 156.0 0.0 351.0



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: 1.823 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

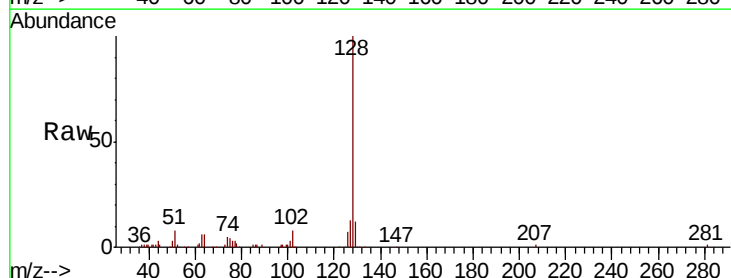
Tgt Ion:128 Resp: 20691

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.4 8.7 13.1



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

