

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004333.D
 Acq On : 31 Aug 2018 18:20
 Operator : JC/MD
 Sample : J4721-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID42(4)

Quant Time: Sep 01 05:17:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

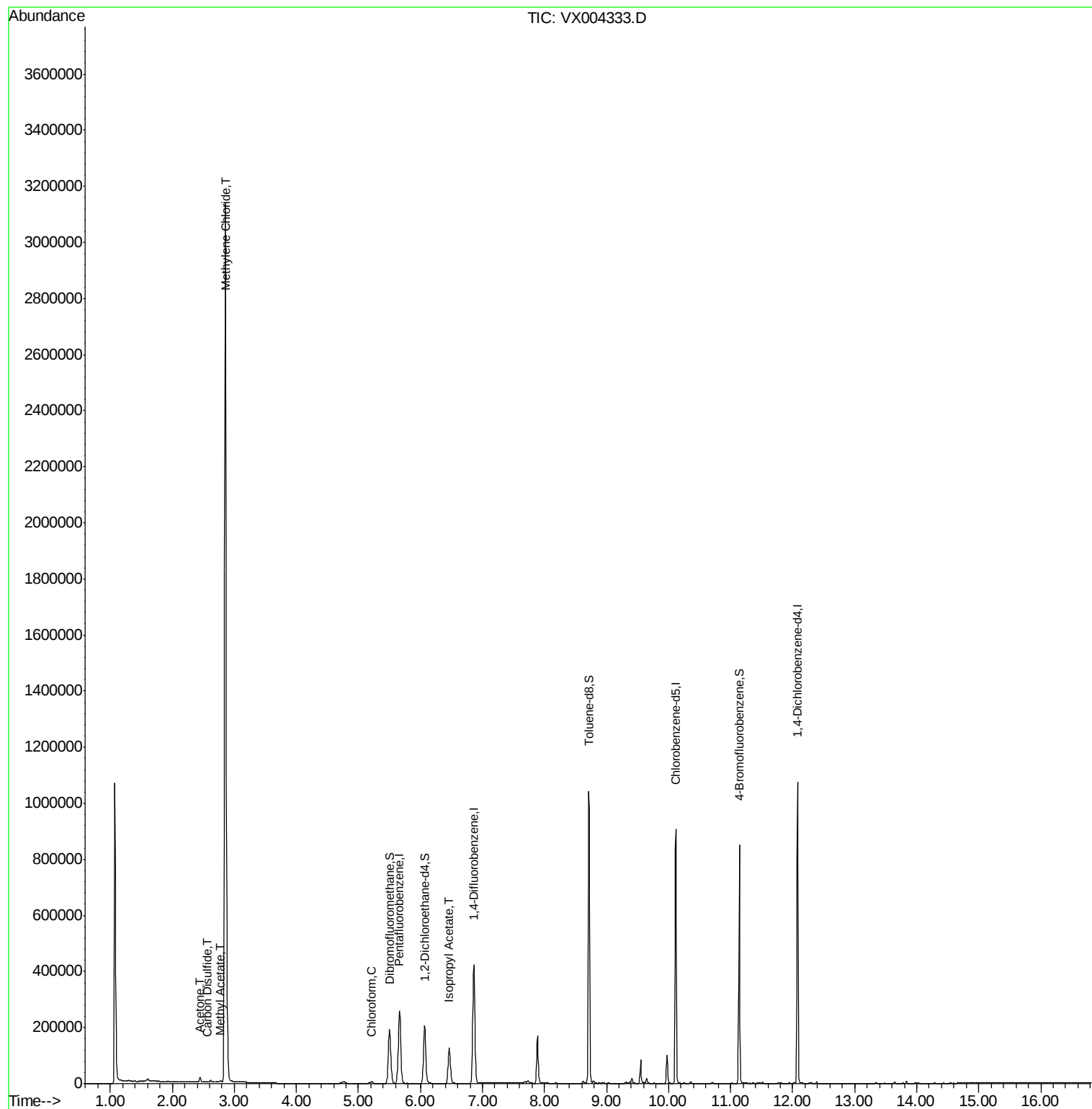
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190355	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
35) Dibromofluoromethane	5.50	113	165195	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	8.71	98	622274	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	213405	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
16) Acetone	2.45	43	17133	4.17	ug/l	97
17) Carbon Disulfide	2.57	76	2221	1.08	ug/l	99
18) Methyl Acetate	2.78	43	6100	1.19	ug/l	93
20) Methylene Chloride	2.86	84	1464268	438.71	ug/l	97
30) Chloroform	5.21	83	8488	1.50	ug/l	95
43) Isopropyl Acetate	6.46	43	164631	22.38	ug/l	100

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

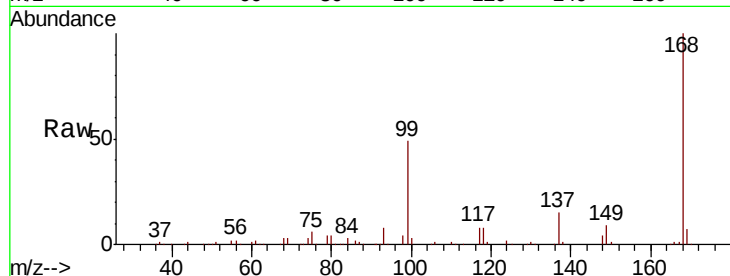
CB-0818-S-TCLP-GRID42(4)

Tot Ion:168 Resp: 266024

Ion Ratio Lower Upper

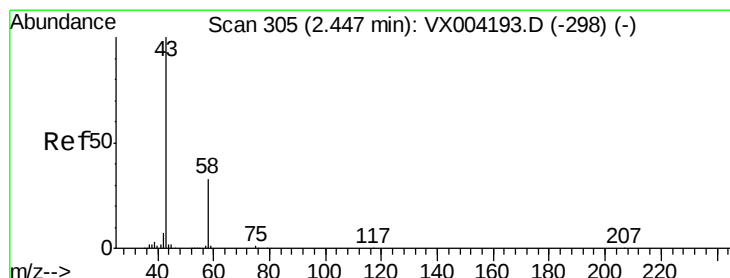
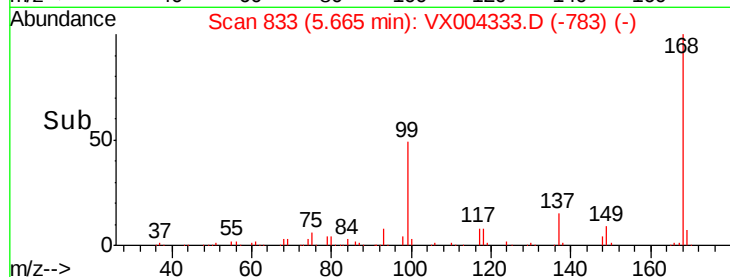
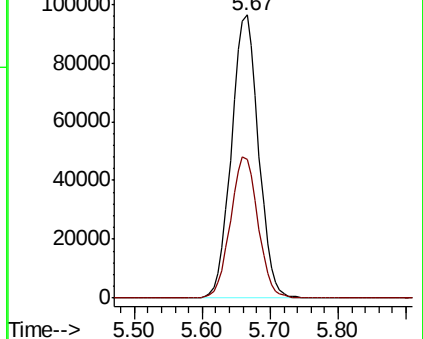
168 100

99 49.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.17 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004333.D

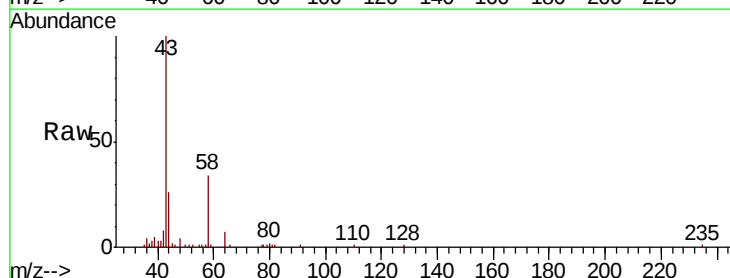
Acq: 31 Aug 2018 18:20

Tgt Ion: 43 Resp: 17133

Ion Ratio Lower Upper

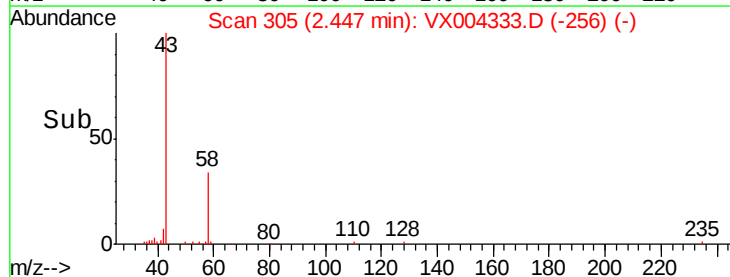
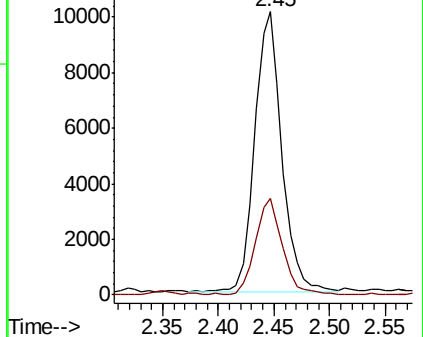
43 100

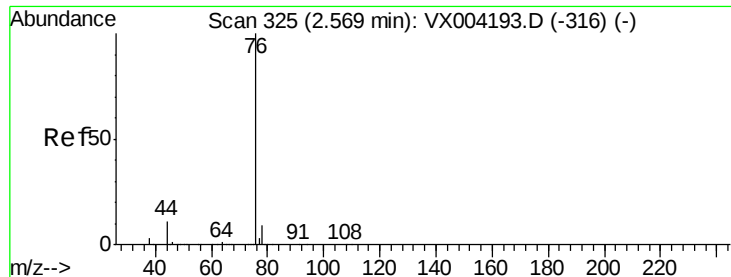
58 34.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.08 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

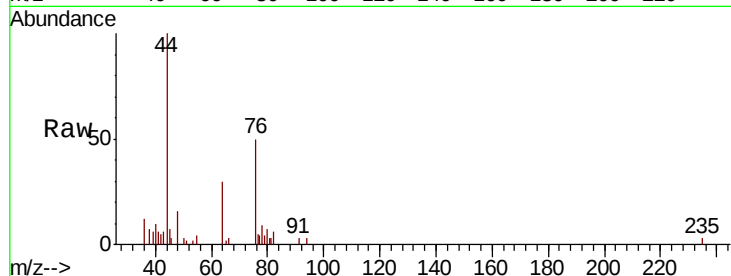
CB-0818-S-TCLP-GRID42(4)

Tot Ion: 76 Resp: 2221

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

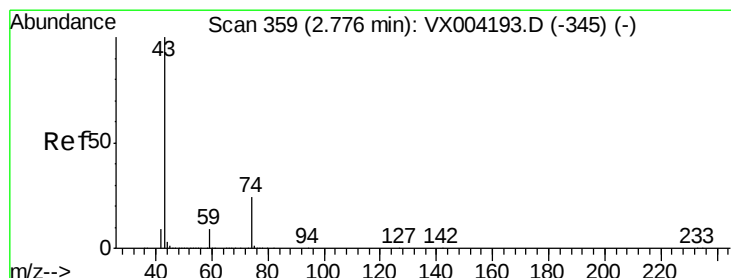
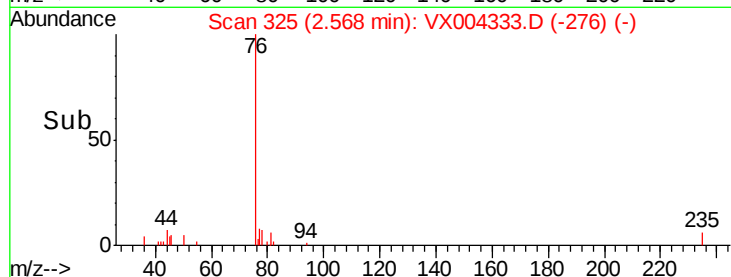
1500

1000

500

0

Time-->



#18

Methyl Acetate

Concen: 1.19 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004333.D

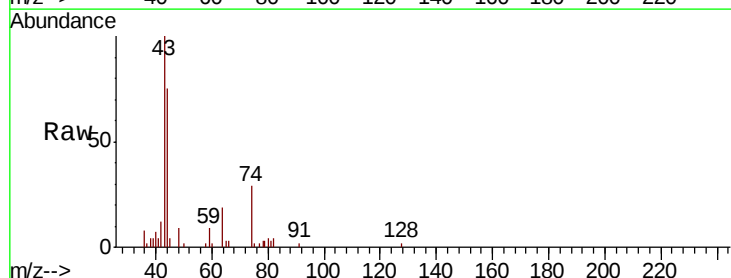
Acq: 31 Aug 2018 18:20

Tgt Ion: 43 Resp: 6100

Ion Ratio Lower Upper

43 100

74 27.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

4000

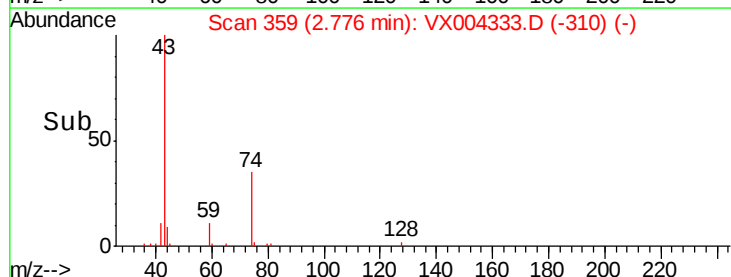
3000

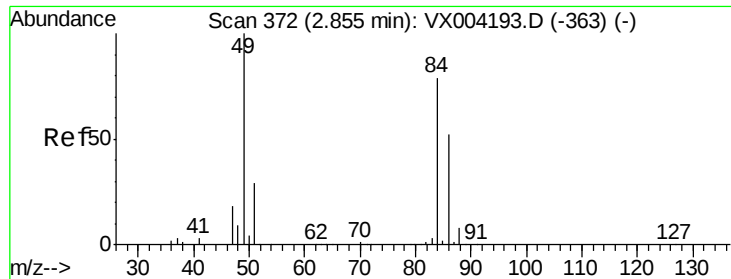
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 438.71 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID42(4)

Tot Ion: 84 Resp: 1464268

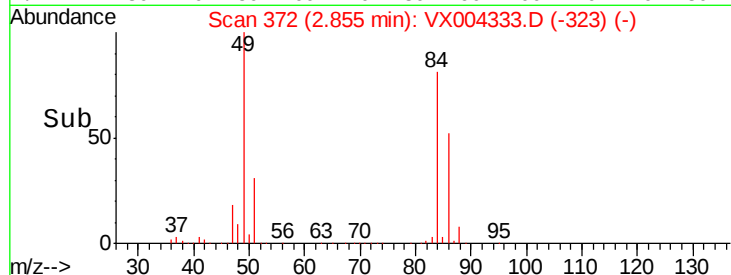
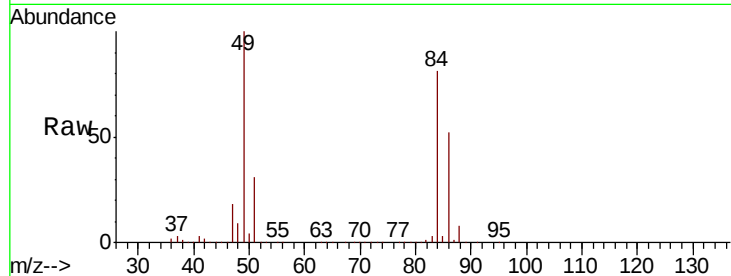
Ion Ratio Lower Upper

84 100

49 123.5 101.2 151.8

51 38.8 29.5 44.3

86 63.9 52.3 78.5

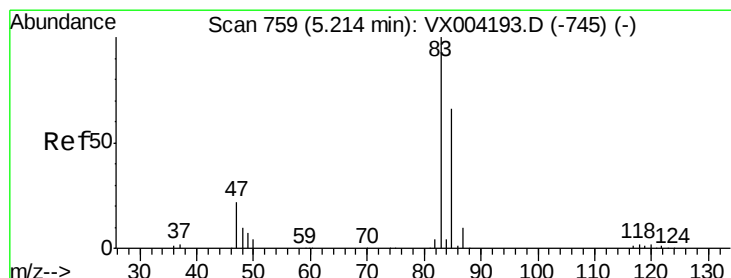
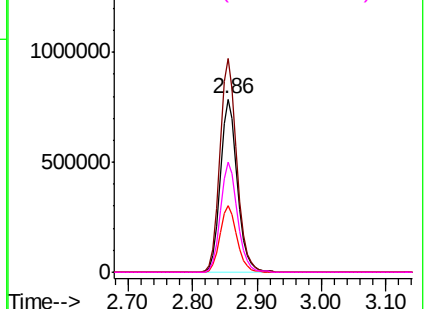


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#30

Chloroform

Concen: 1.50 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004333.D

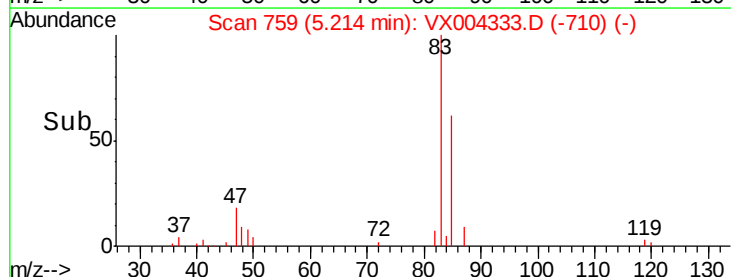
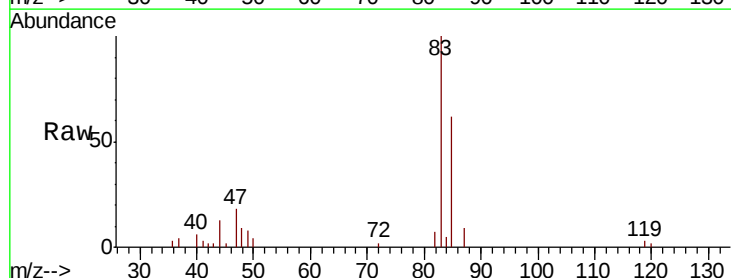
Acq: 31 Aug 2018 18:20

Tgt Ion: 83 Resp: 8488

Ion Ratio Lower Upper

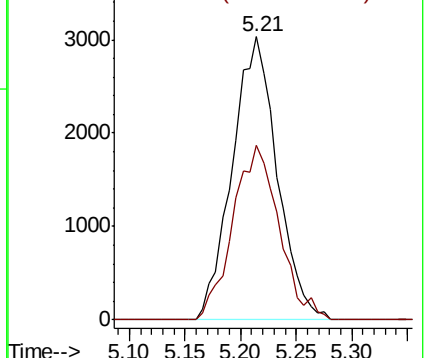
83 100

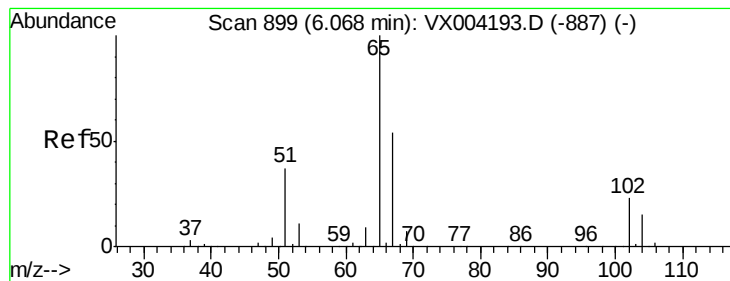
85 61.6 52.6 79.0



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: 54.90 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

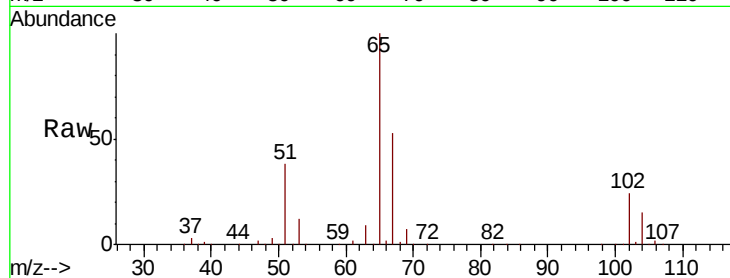
CB-0818-S-TCLP-GRID42(4)

Tot Ion: 65 Resp: 190355

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

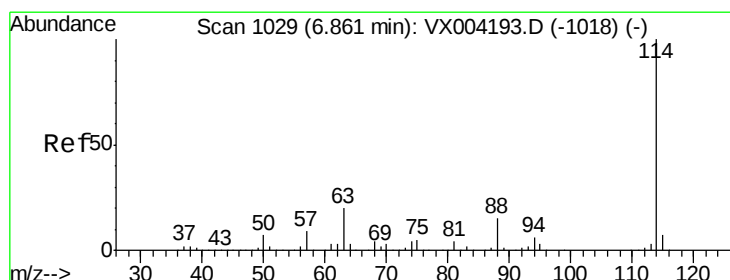
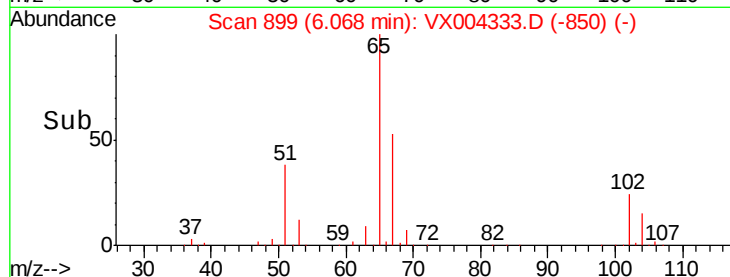
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

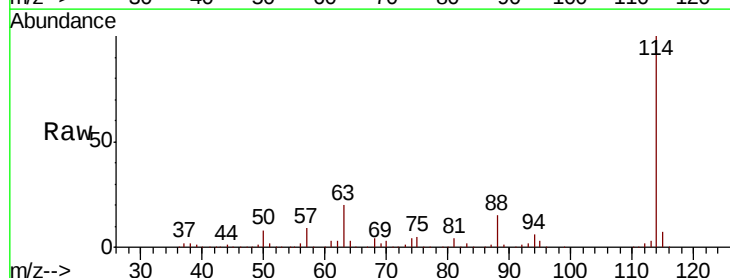
Tgt Ion: 114 Resp: 433001

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

88 15.5 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

250000

200000

150000

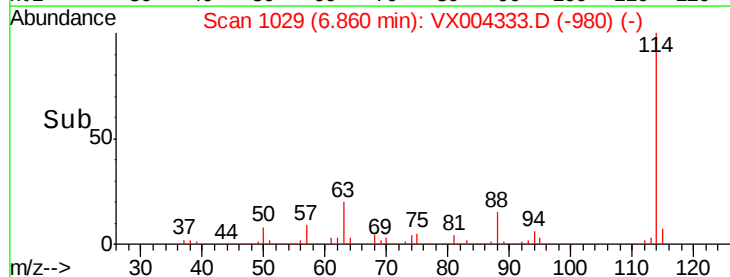
100000

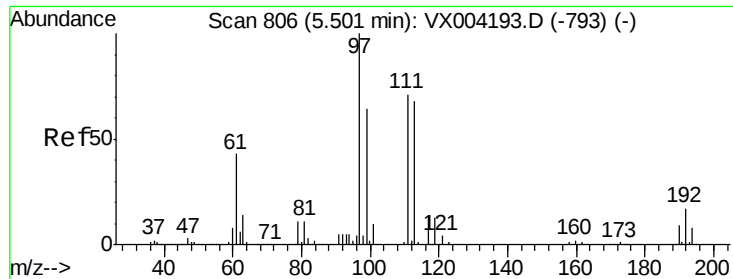
50000

0

Time-->

6.70 6.80 6.90 7.00

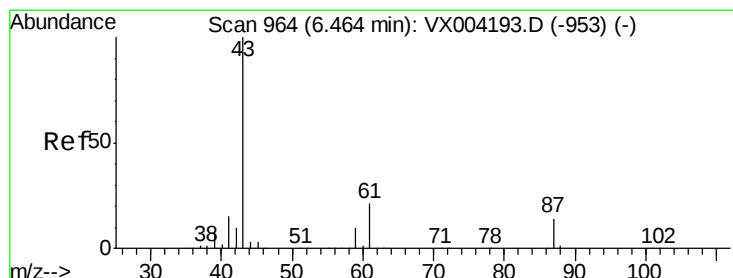
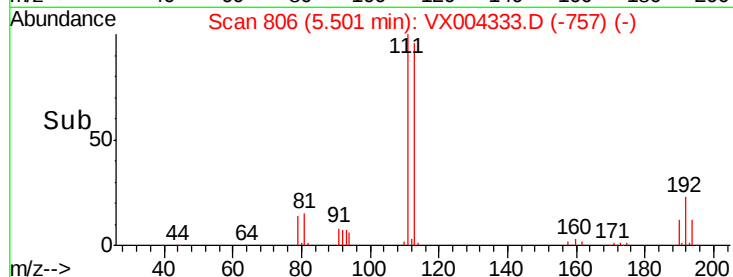
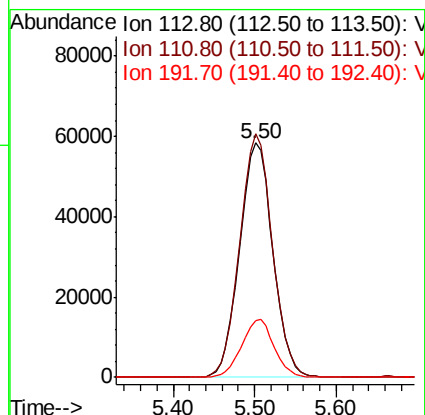
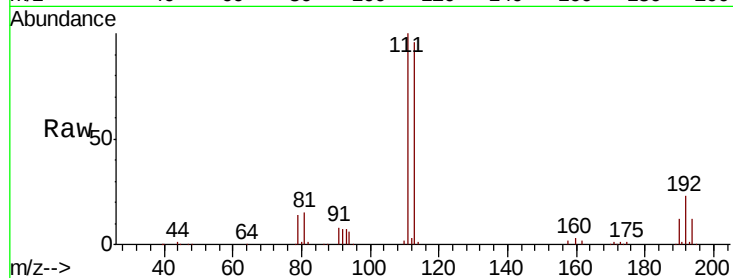




#35
 Dibromofluoromethane
 Concen: 51.28 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004333.D
 Acq: 31 Aug 2018 18:20

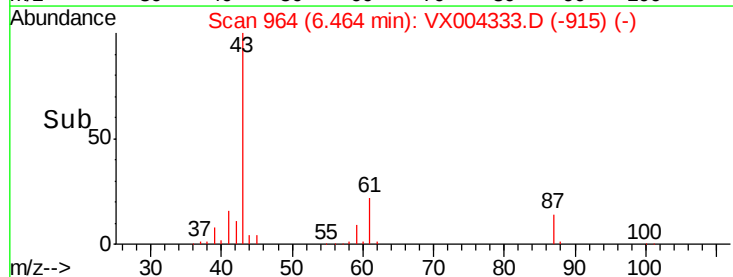
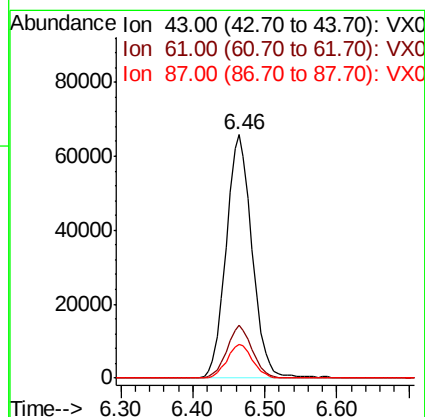
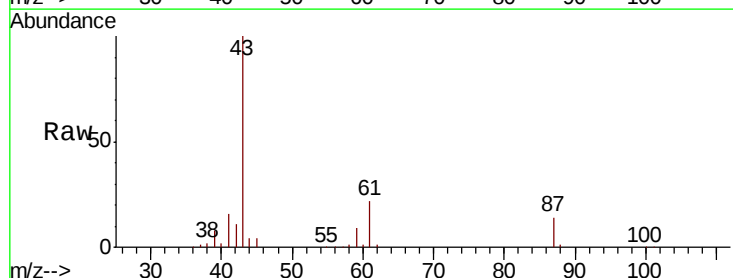
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID42(4)

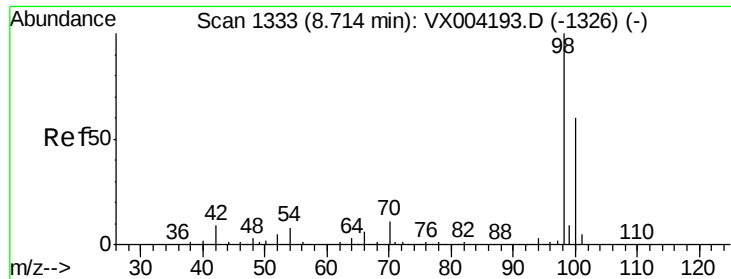
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	24.2	19.4	29.2



#43
 Isopropyl Acetate
 Concen: 22.38 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004333.D
 Acq: 31 Aug 2018 18:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	13.9	11.4	17.2

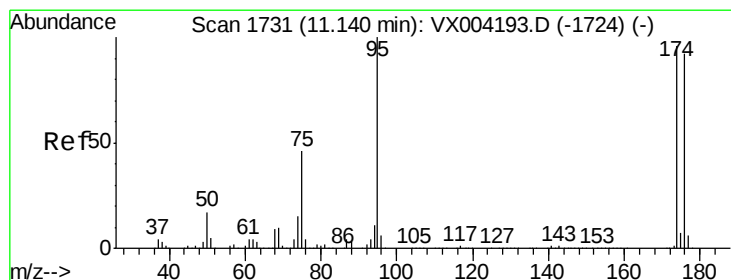
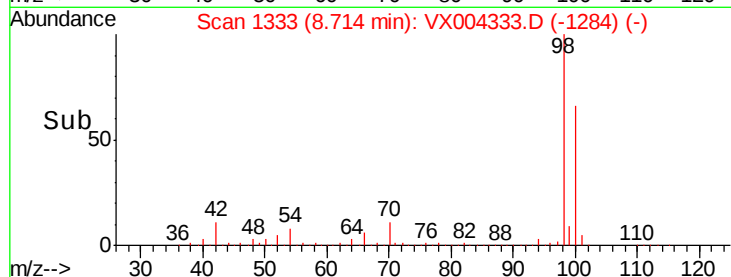
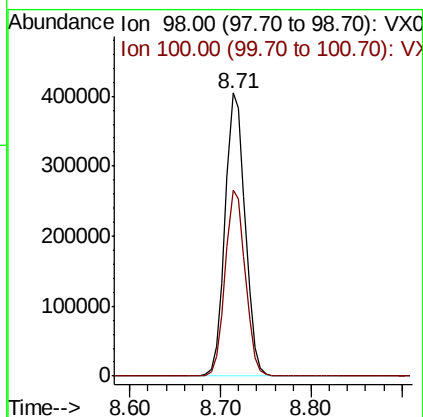
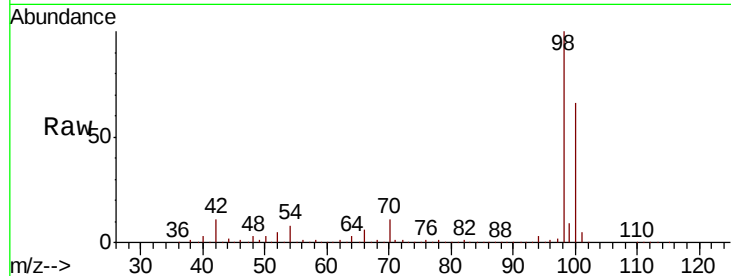




#50
Toluene-d8
Concen: 51.18 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

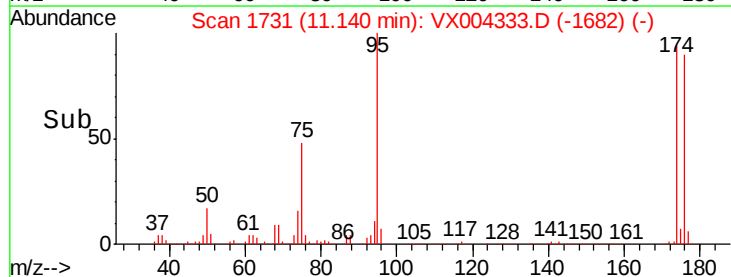
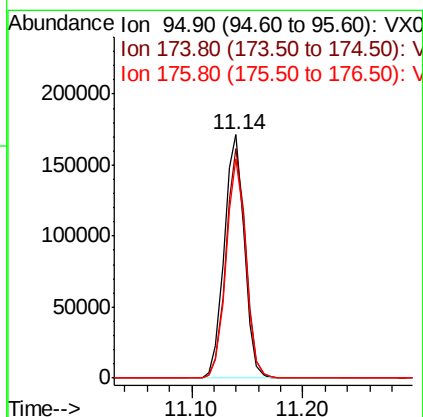
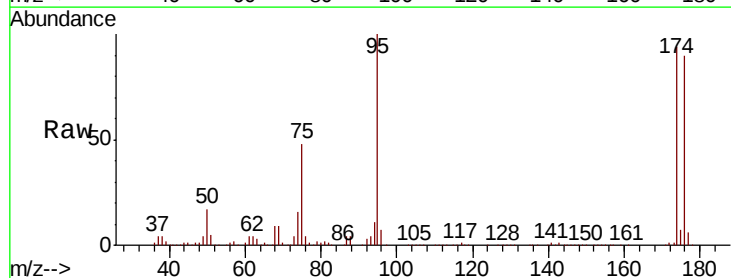
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CB-0818-S-TCLP-GRID42(4)

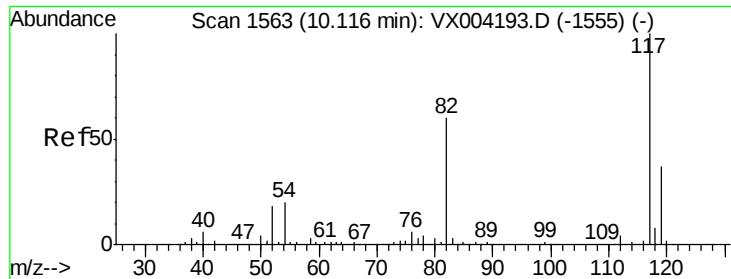
Tot Ion: 98 Resp: 622274
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

Tgt Ion: 95 Resp: 213405
Ion Ratio Lower Upper
95 100
174 93.2 0.0 185.2
176 88.7 0.0 178.6

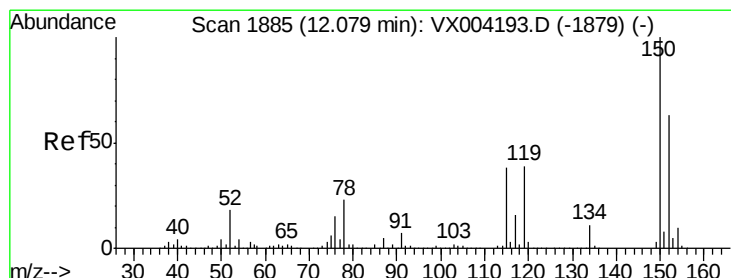
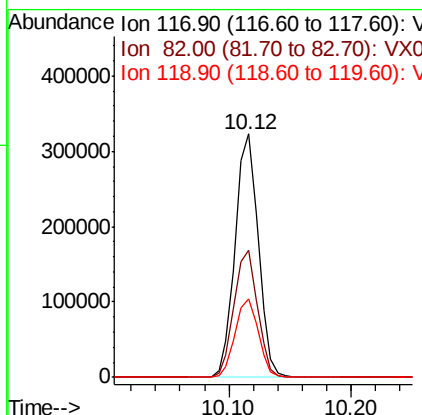
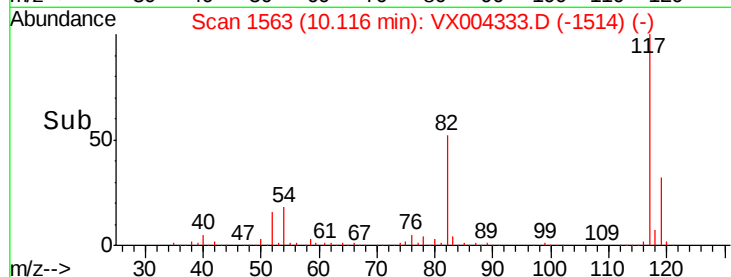
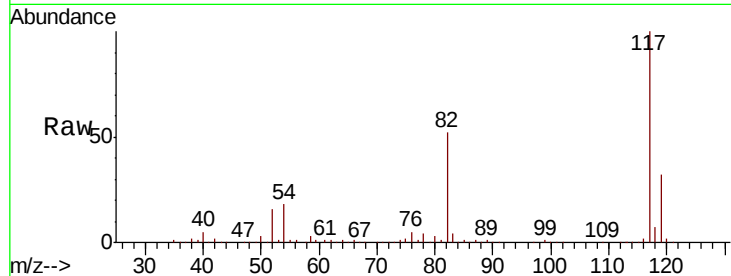




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID42(4)

Tot Ion:117 Resp: 419869
Ion Ratio Lower Upper
117 100
82 52.2 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# 1885
Delta R.T. -0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

Tgt Ion:152 Resp: 225230
Ion Ratio Lower Upper
152 100
115 55.1 39.0 117.0
150 156.9 0.0 351.0

