

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 04:31:50 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%	

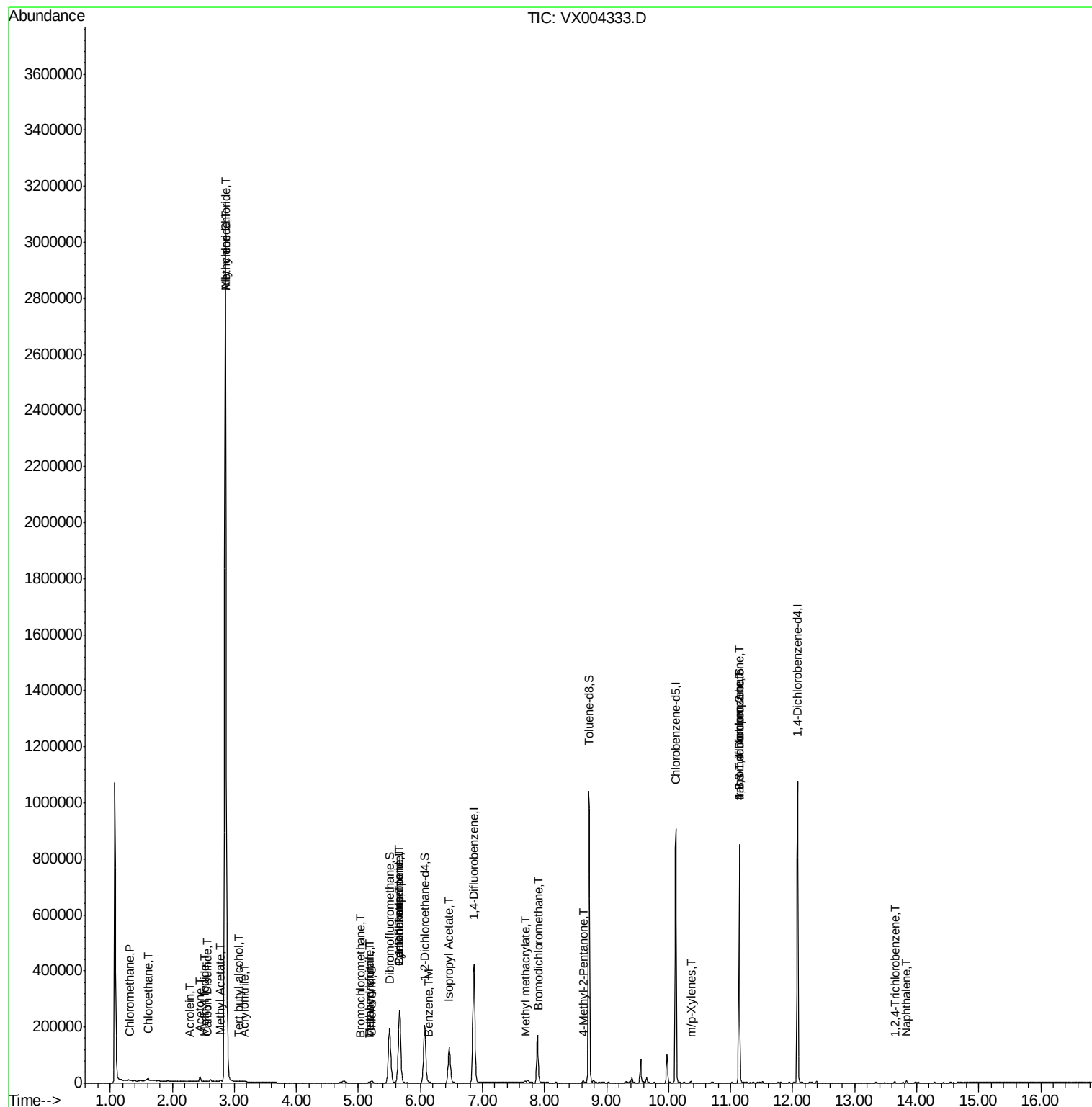
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	993	0.58	ug/l	97
5) Bromomethane	1.64	94	1485	Below Cal	#	78
6) Chloroethane	1.60	64	3131	2.08	ug/l	# 82
10) Methyl Iodide	2.52	142	1977	4.80	ug/l	98
11) Tert butyl alcohol	3.07	59	458	0.62	ug/l	# 84
13) Acrolein	2.29	56	351	1.97	ug/l	# 39
14) Allyl chloride	2.86	41	59506	11.49	ug/l	# 28
15) Acrylonitrile	3.15	53	676	0.37	ug/l	# 63
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
25) 2-Butanone	4.70	43	3452	Below Cal		93
28) Bromochloromethane	5.04	49	1010	0.40	ug/l	# 61
29) Tetrahydrofuran	5.17	42	1269	0.85	ug/l	# 72
30) Chloroform	5.21	83	8488	1.50	ug/l	95
31) Cyclohexane	5.67	56	4850	1.00	ug/l	# 1
36) 1,1-Dichloropropene	5.66	75	17470	3.59	ug/l	# 49
38) Carbon Tetrachloride	5.66	117	23302	5.09	ug/l	# 15
40) Benzene	6.13	78	3114	0.21	ug/l	94
41) Methacrylonitrile	5.17	41	908	0.33	ug/l	# 48
43) Isopropyl Acetate	6.46	43	164631	22.38	ug/l	100
47) Bromodichloromethane	7.90	83	2072	0.46	ug/l	93
48) Methyl methacrylate	7.68	41	8261	2.10	ug/l	# 20
51) 4-Methyl-2-Pentanone	8.62	43	2748	0.51	ug/l	# 45
68) m/p-Xylenes	10.36	106	1340	0.20	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	102370	22.35	ug/l	# 37
81) trans-1,4-Dichloro-2-buten	11.14	75	102370	72.51	ug/l	# 10
93) 1,2,4-Trichlorobenzene	13.65	180	1150	0.22	ug/l	98
95) Naphthalene	13.83	128	5196	0.35	ug/l	97

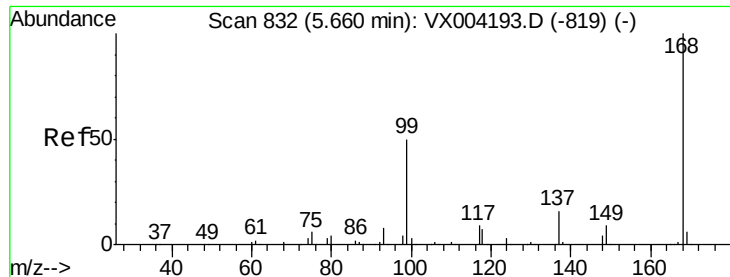
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Sep 01 04:31:50 2018
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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 :

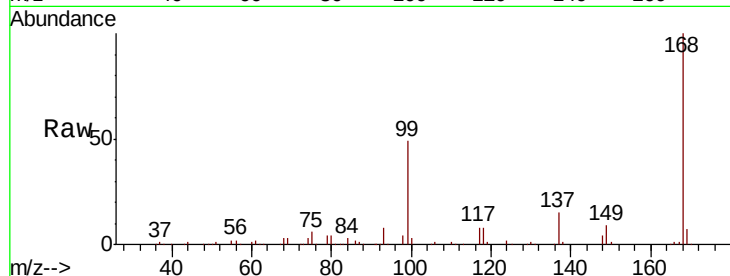
CB-0818-S-TCLP-GRID42(4)

Tot Ion:168 Resp: 266024

Ion Ratio Lower Upper

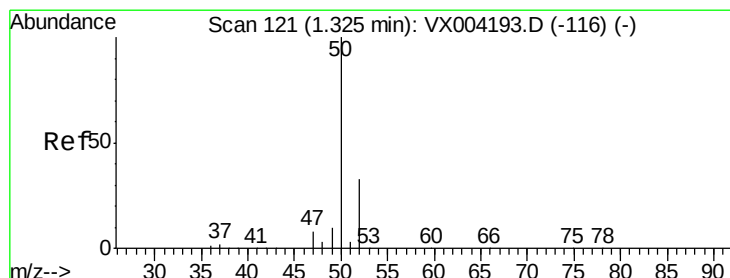
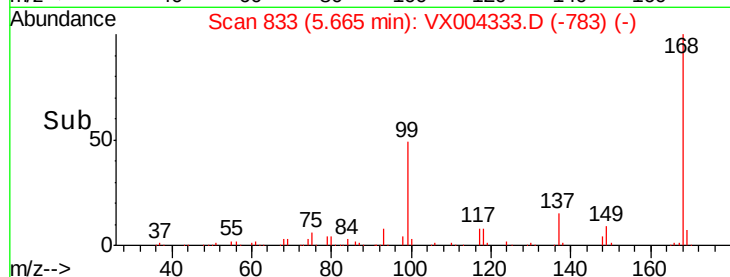
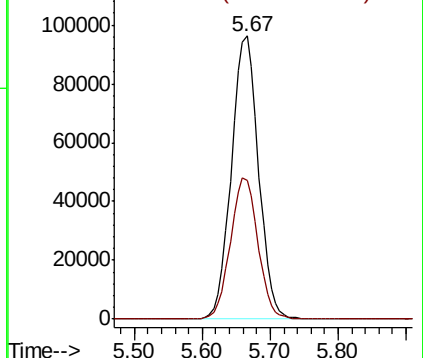
168 100

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



#3

Chloromethane

Concen: 0.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004333.D

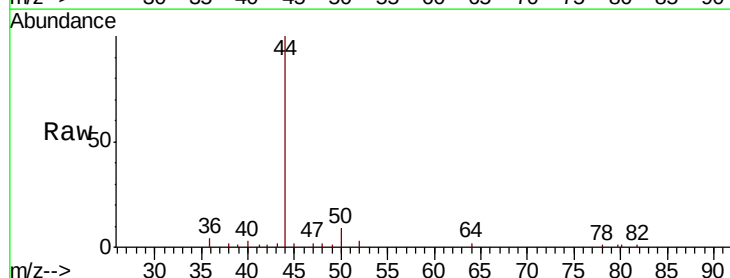
Acq: 31 Aug 2018 18:20

Tgt Ion: 50 Resp: 993

Ion Ratio Lower Upper

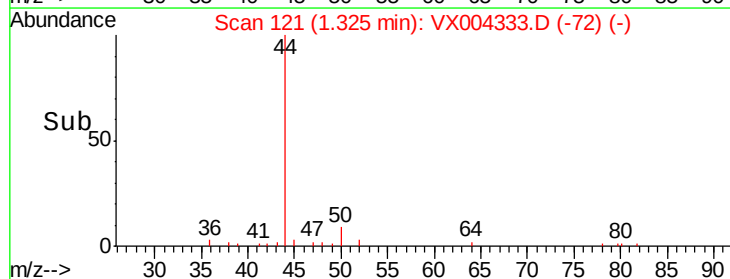
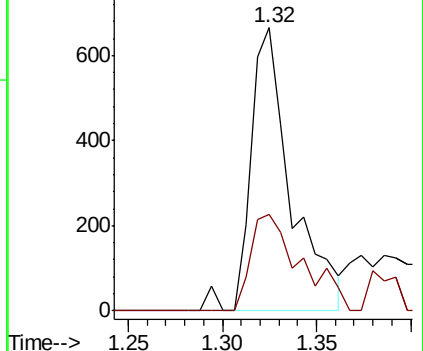
50 100

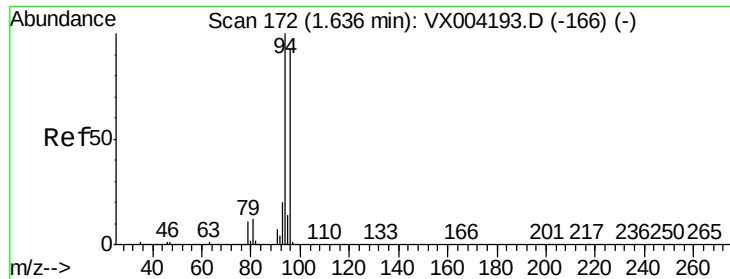
52 34.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

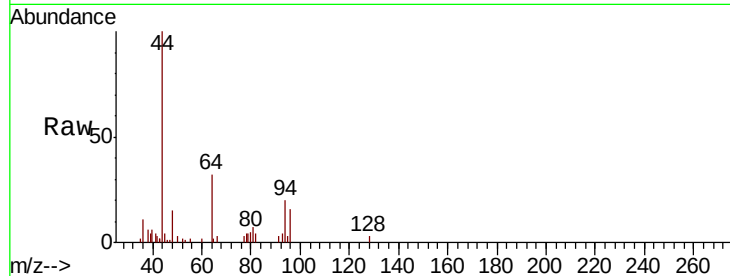
CB-0818-S-TCLP-GRID42(4)

Tot Ion: 94 Resp: 1485

Ion Ratio Lower Upper

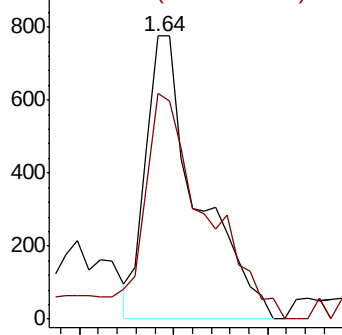
94 100

96 72.3 74.5 111.7#

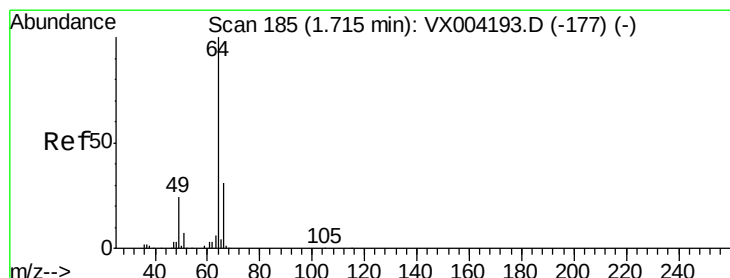
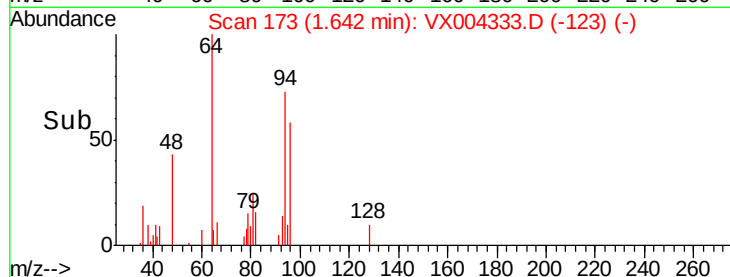


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 2.08 ug/l

RT: 1.60 min Scan# 166

Delta R.T. -0.12 min

Lab File: VX004333.D

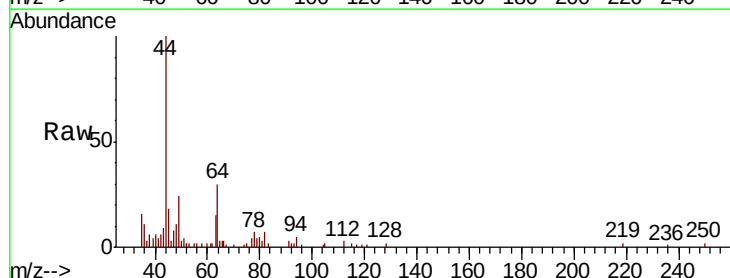
Acq: 31 Aug 2018 18:20

Tgt Ion: 64 Resp: 3131

Ion Ratio Lower Upper

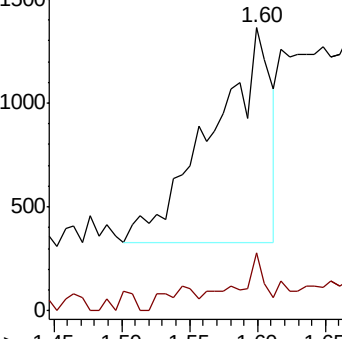
64 100

66 20.9 24.6 36.8#

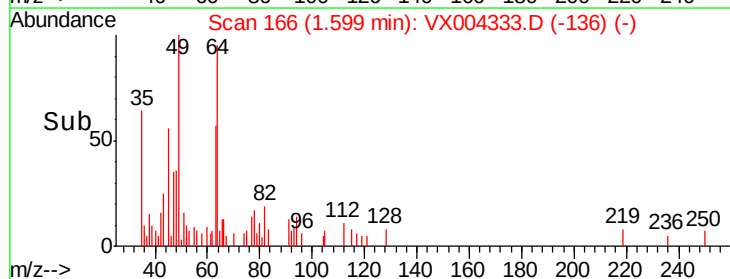


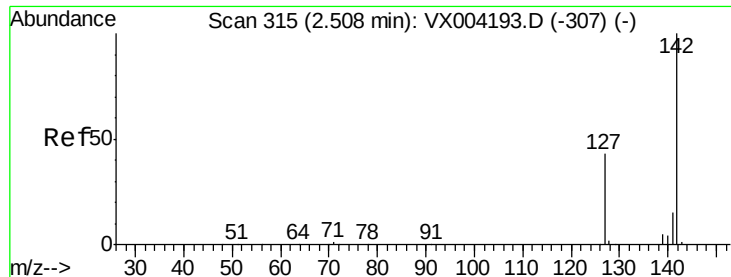
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->

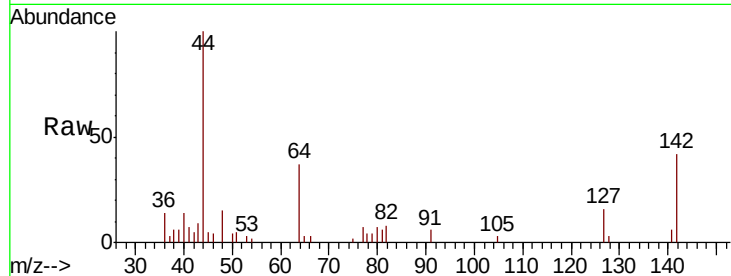




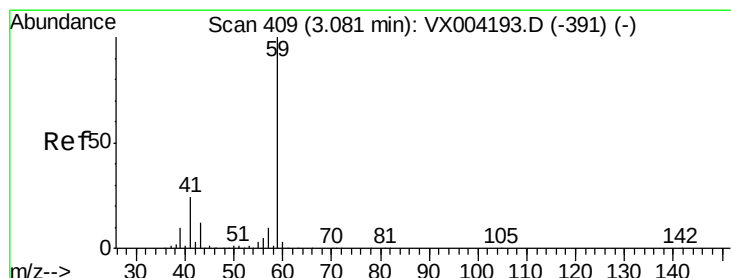
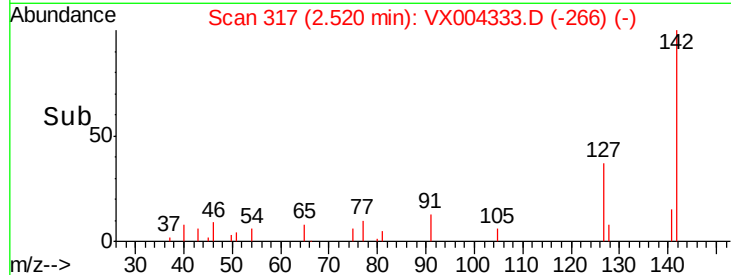
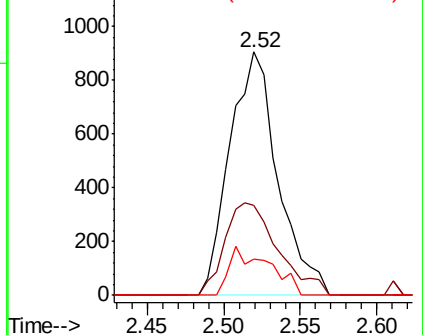
#10
Methyl Iodide
Concen: 4.80 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

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

Tot Ion:142 Resp: 1977
Ion Ratio Lower Upper
142 100
127 41.8 33.8 50.6
141 16.3 11.4 17.0

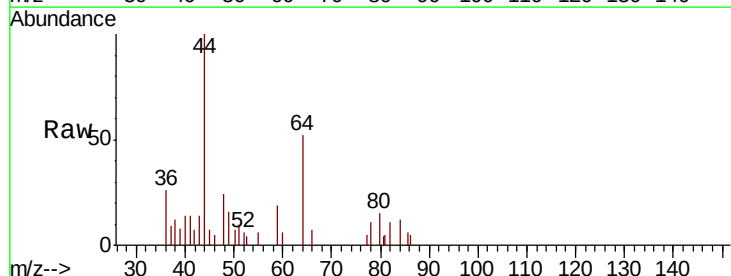


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

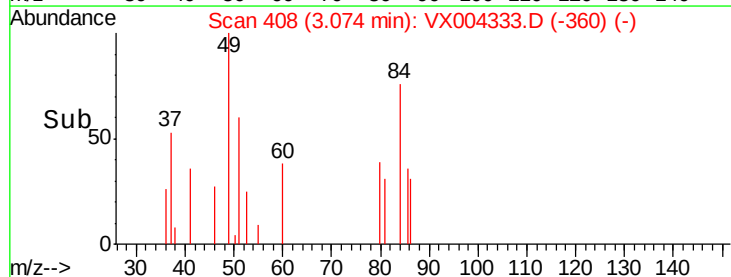
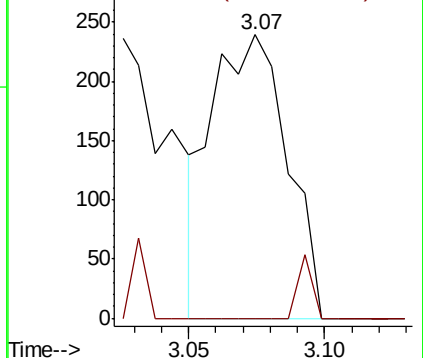


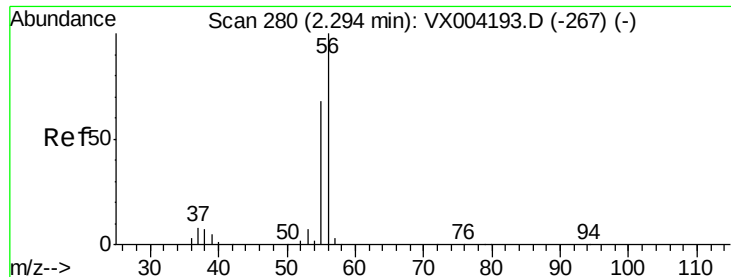
#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

Tgt Ion: 59 Resp: 458
Ion Ratio Lower Upper
59 100
57 4.4 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.97 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

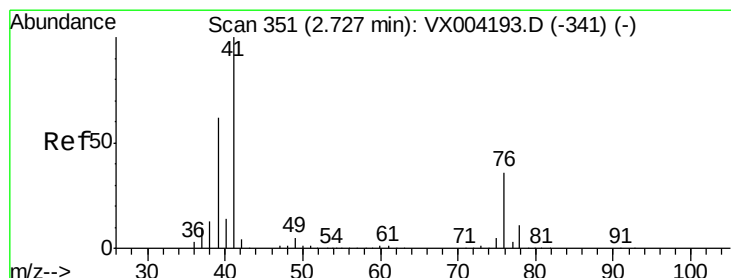
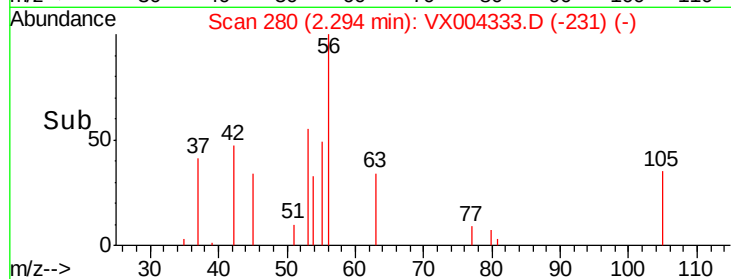
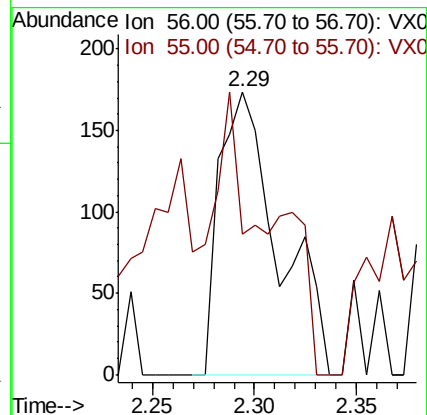
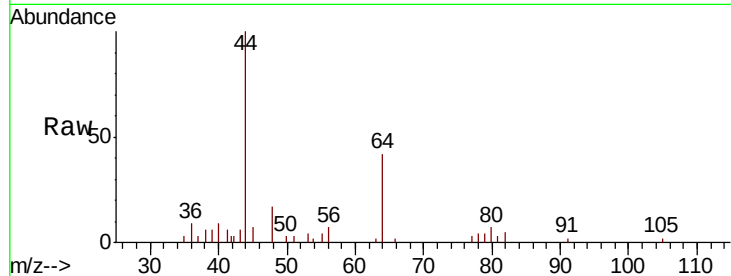
CB-0818-S-TCLP-GRID42(4)

Tot Ion: 56 Resp: 351

Ion Ratio Lower Upper

56 100

55 19.1 54.7 82.1#



#14

Allyl chloride

Concen: 11.49 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.13 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

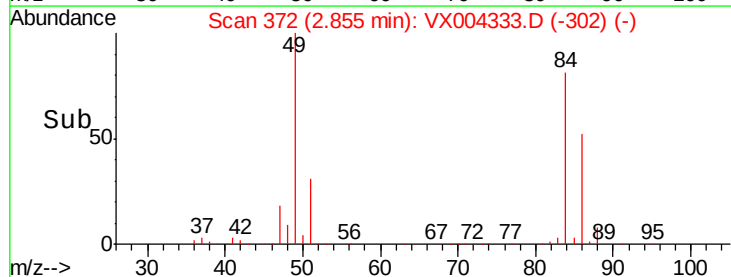
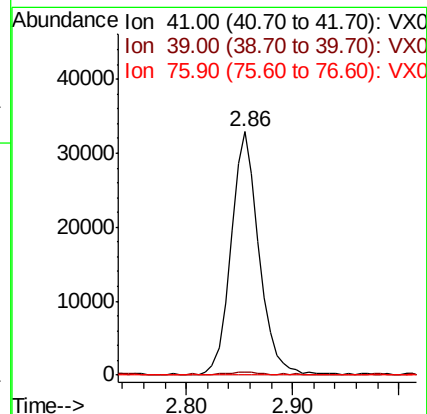
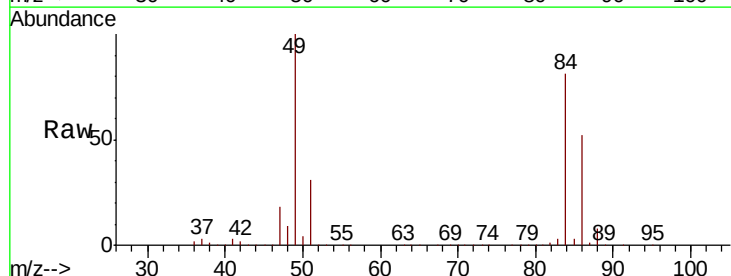
Tgt Ion: 41 Resp: 59506

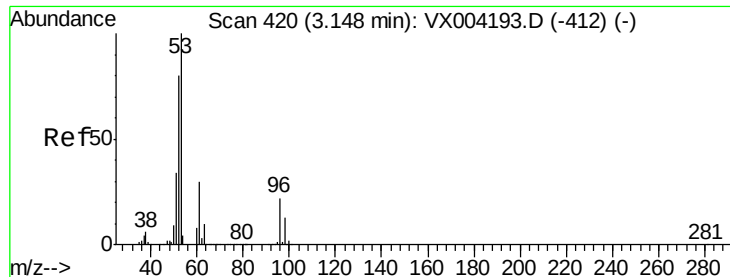
Ion Ratio Lower Upper

41 100

39 0.9 48.9 73.3#

76 0.0 26.7 40.1#





#15

Acrylonitrile

Concen: 0.37 ug/l

RT: 3.15 min Scan# 421

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)

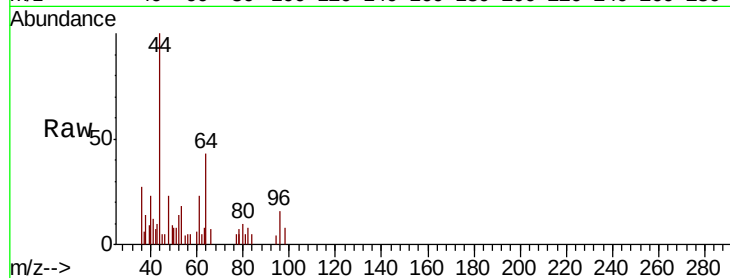
Tot Ion: 53 Resp: 676

Ion Ratio Lower Upper

53 100

52 106.1 65.2 97.8#

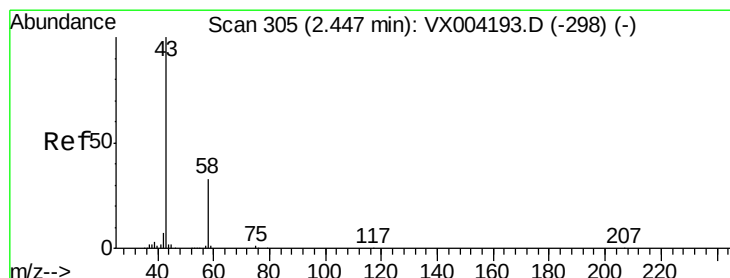
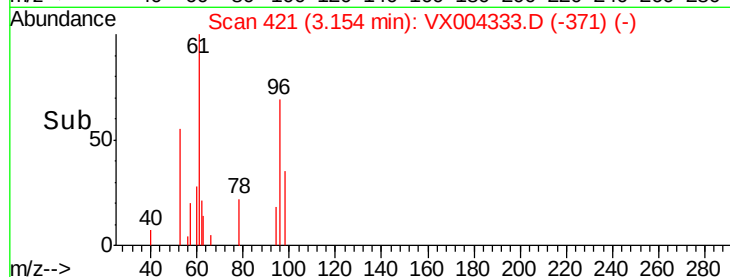
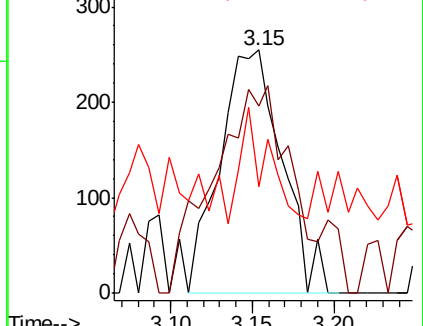
51 0.0 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 4.17 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004333.D

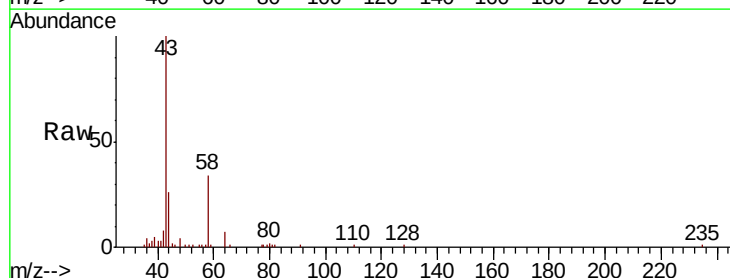
Acq: 31 Aug 2018 18:20

Tgt Ion: 43 Resp: 17133

Ion Ratio Lower Upper

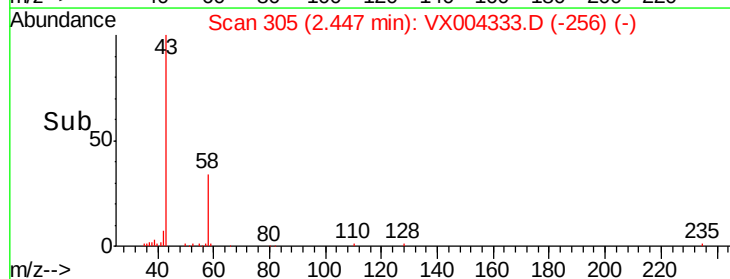
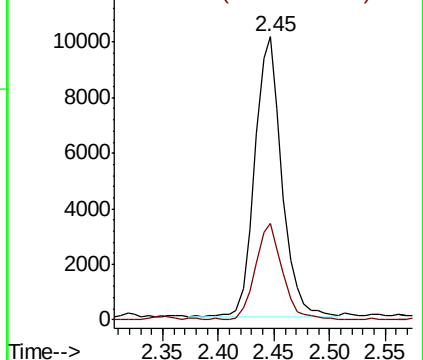
43 100

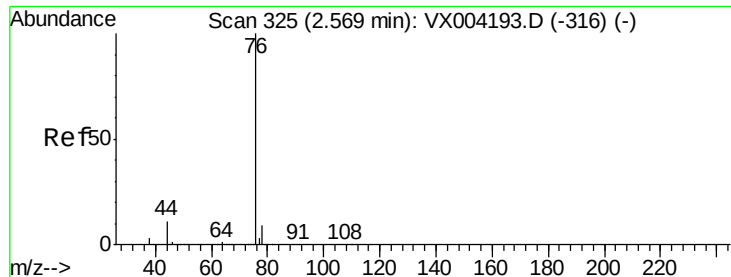
58 34.3 26.2 39.4



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

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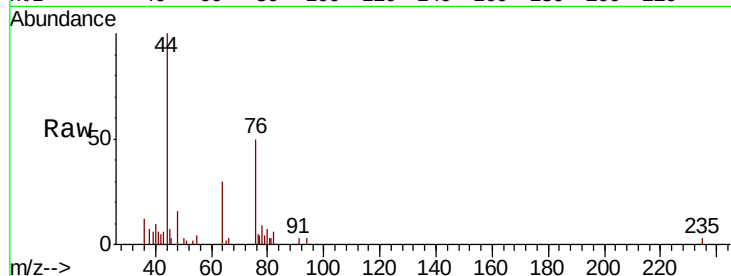
CB-0818-S-TCLP-GRID42(4)

Tot Ion: 76 Resp: 2221

Ion Ratio Lower Upper

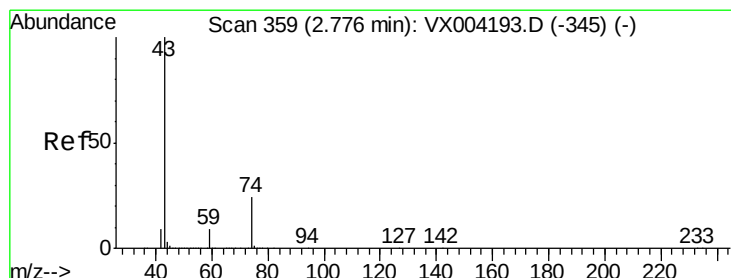
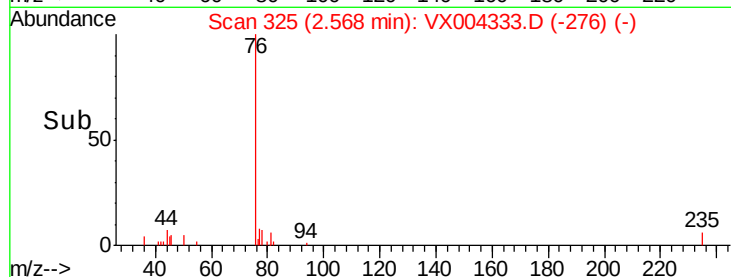
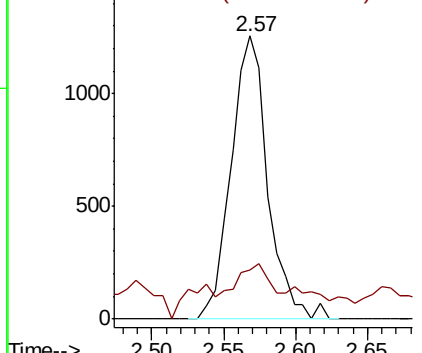
76 100

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



#18

Methyl Acetate

Concen: 1.19 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004333.D

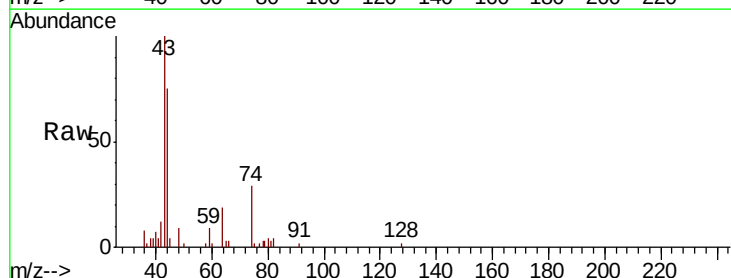
Acq: 31 Aug 2018 18:20

Tgt Ion: 43 Resp: 6100

Ion Ratio Lower Upper

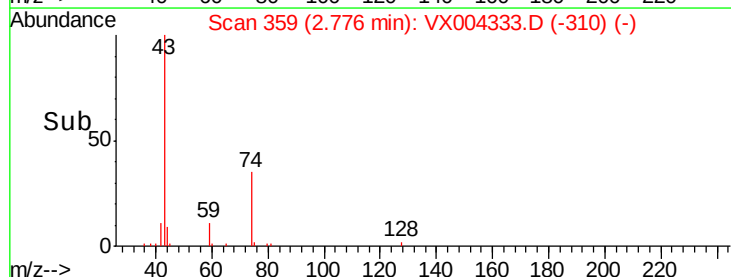
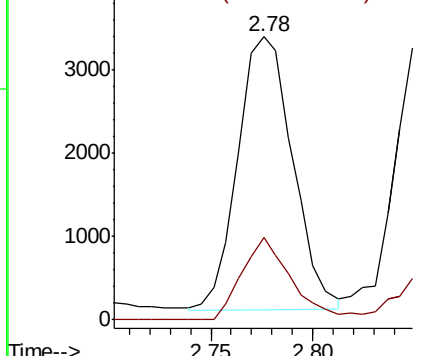
43 100

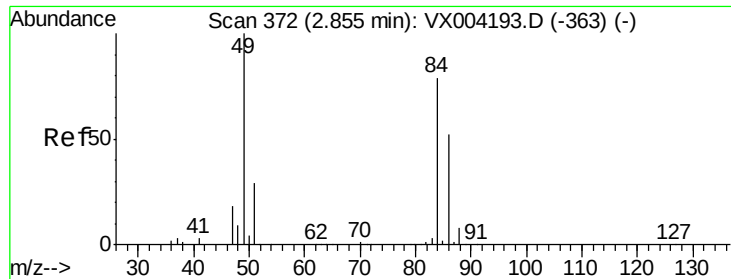
74 27.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



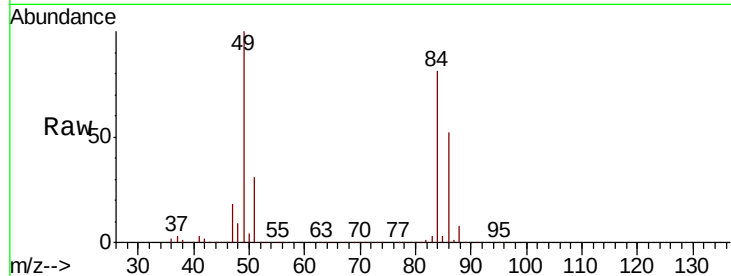


#20
Methvlene Chloride
Concen: 438.71 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

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



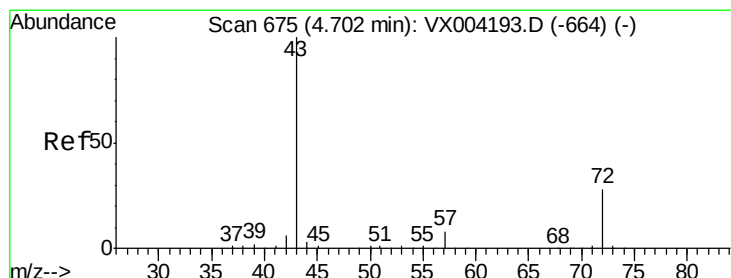
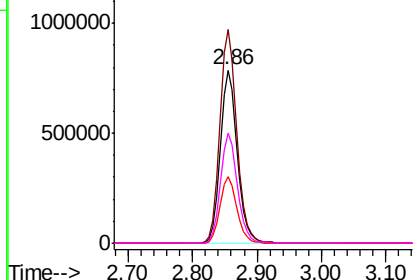
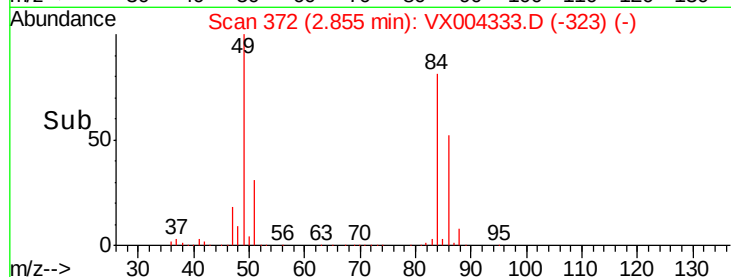
Abundance

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

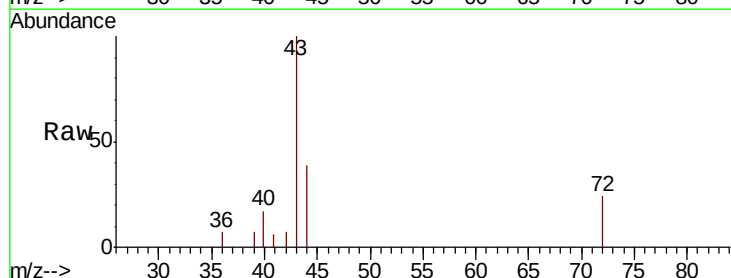
Ion 85.90 (85.60 to 86.60): VX0



#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

Tgt Ion: 43 Resp: 3452

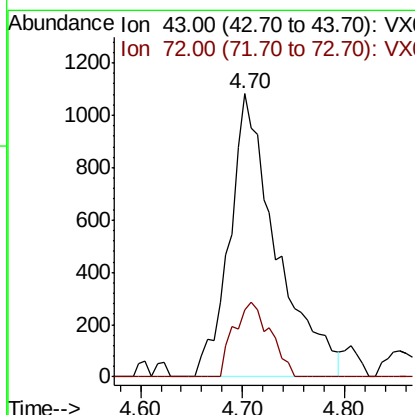
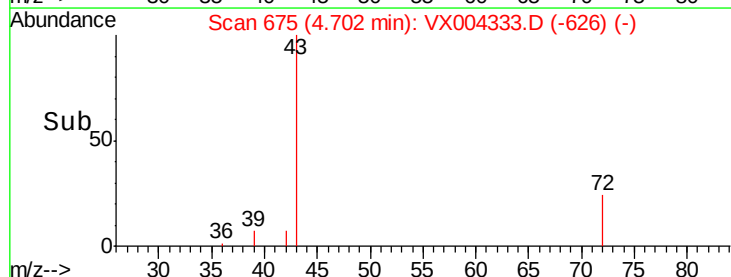
Ion	Ratio	Lower	Upper
43	100		
72	23.9	22.0	33.0

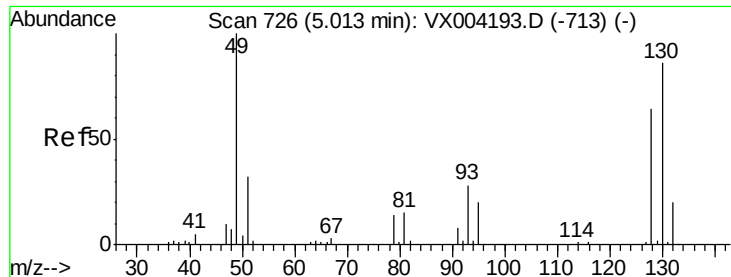


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.40 ug/l

RT: 5.04 min Scan# 730

Delta R.T. 0.02 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

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

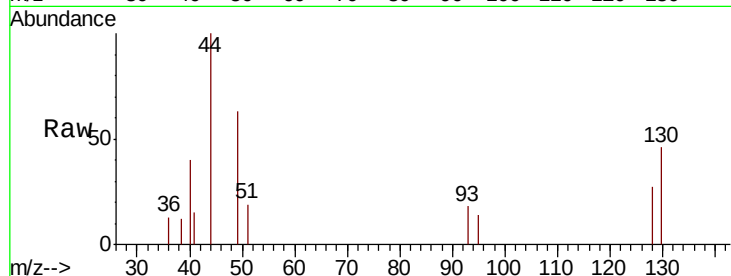
Tot Ion: 49 Resp: 1010

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

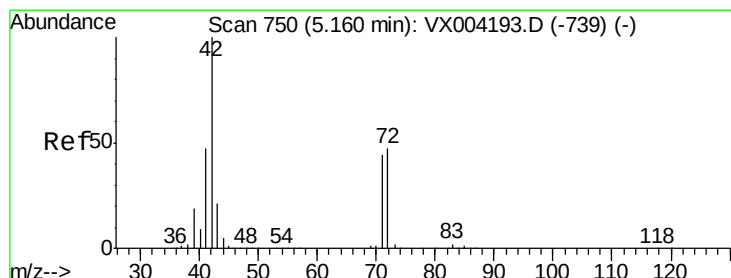
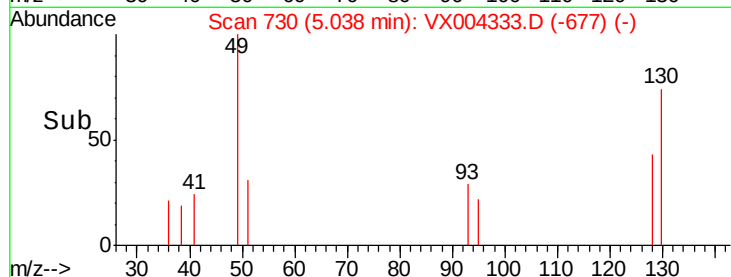
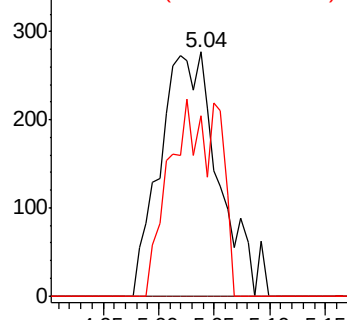
130 48.3 67.5 101.3#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.85 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

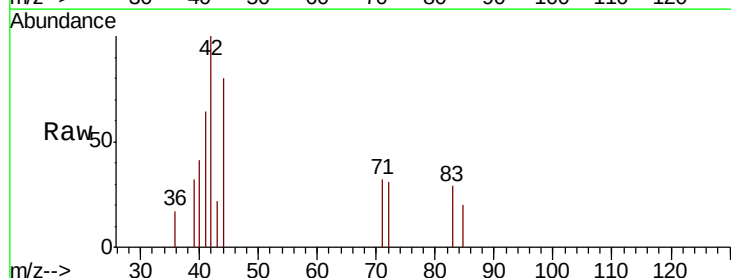
Tgt Ion: 42 Resp: 1269

Ion Ratio Lower Upper

42 100

72 22.2 37.4 56.0#

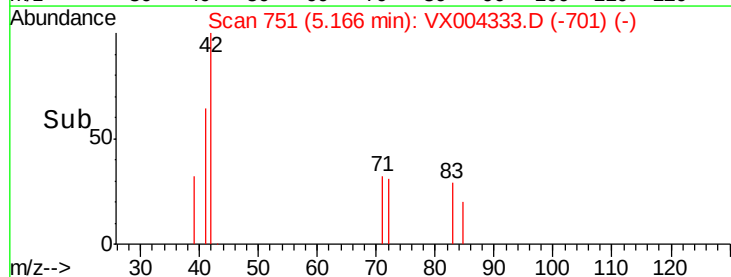
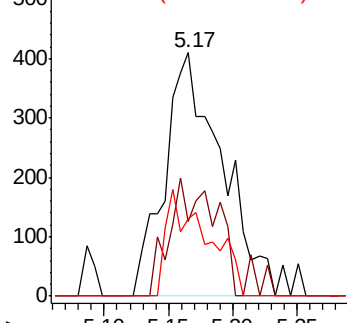
71 31.4 34.5 51.7#

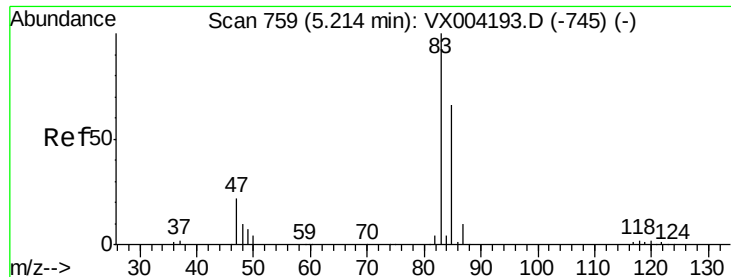


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

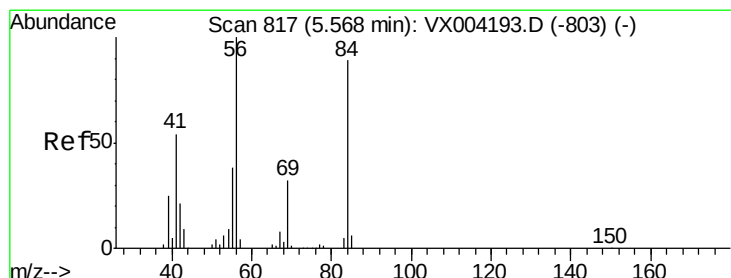
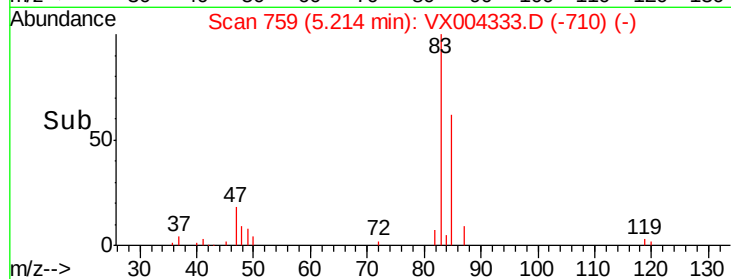
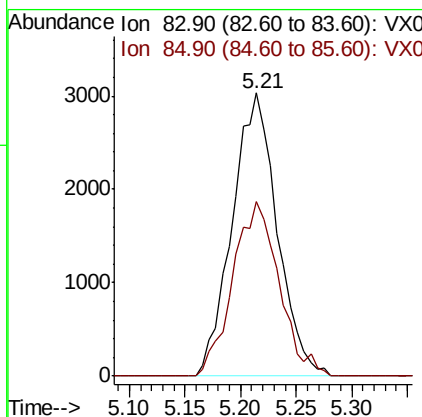
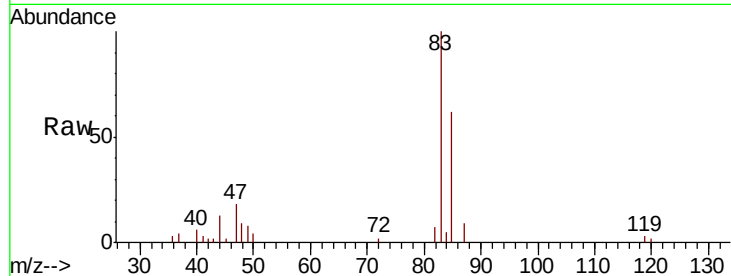




#30
Chloroform
Concen: 1.50 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

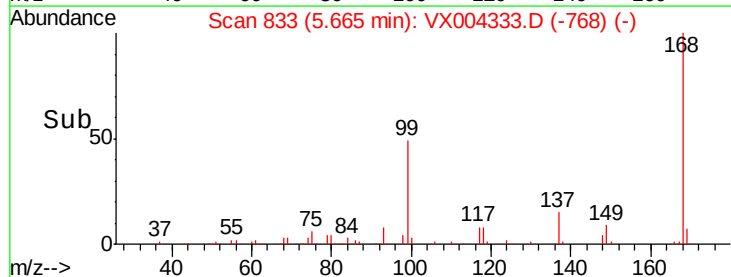
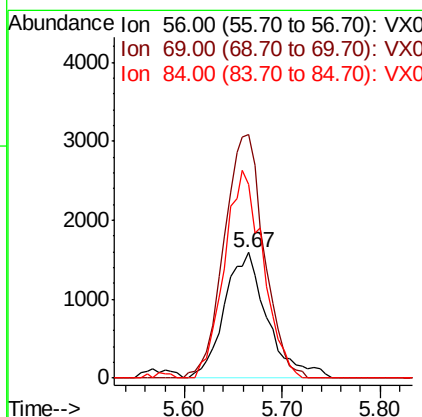
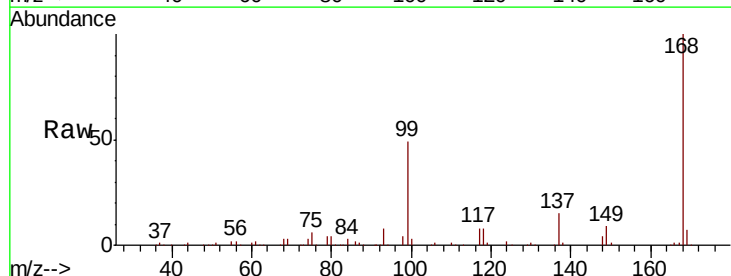
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID42(4)

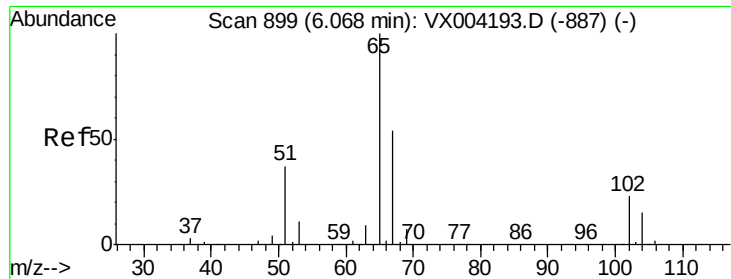
Tot Ion: 83 Resp: 8488
Ion Ratio Lower Upper
83 100
85 61.6 52.6 79.0



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.10 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

Tgt Ion: 56 Resp: 4850
Ion Ratio Lower Upper
56 100
69 194.0 25.4 38.2#
84 154.6 71.4 107.2#

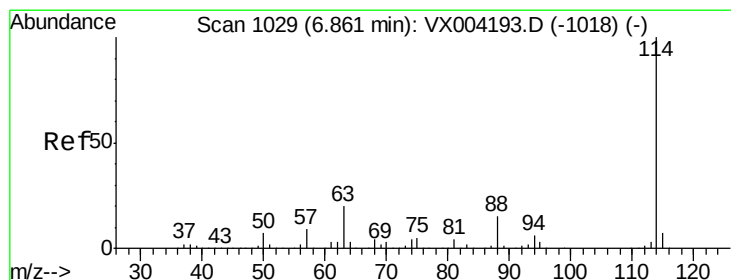
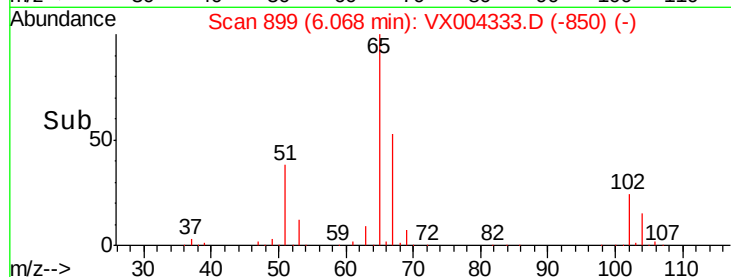
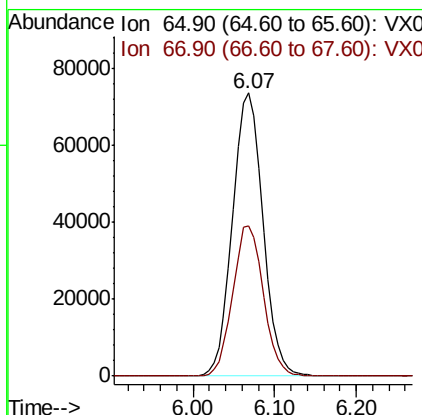
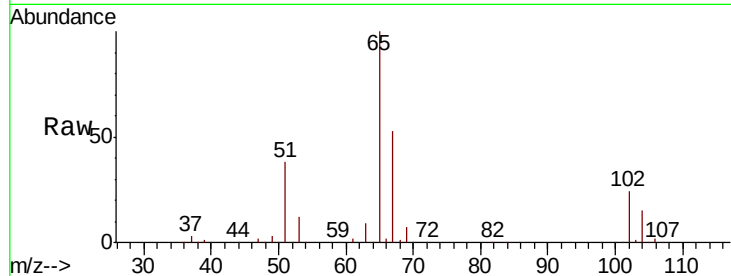




#33
 1,2-Dichloroethane-d4
 Concen: 54.90 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004333.D
 Acq: 31 Aug 2018 18:20

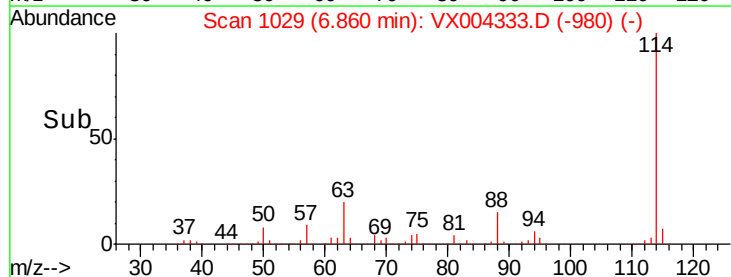
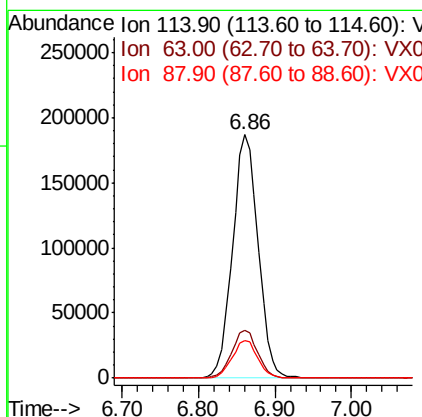
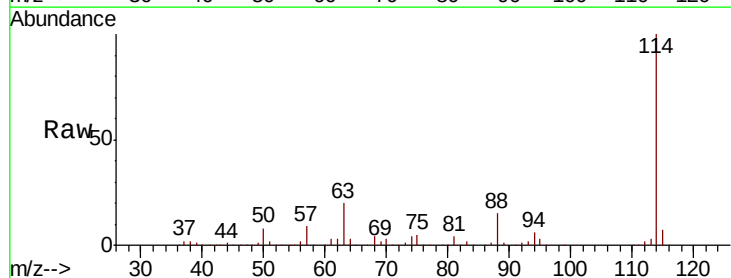
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID42(4)

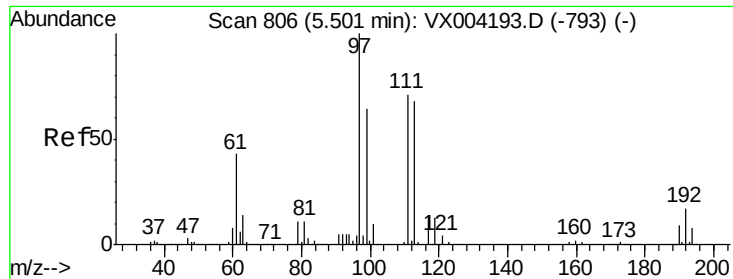
Tot Ion: 65 Resp: 190355
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#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





#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)

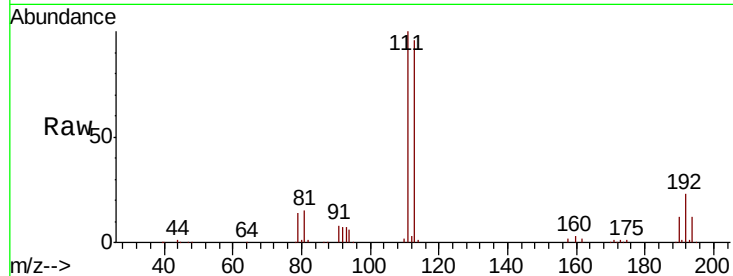
Tot Ion:113 Resp: 165195

Ion Ratio Lower Upper

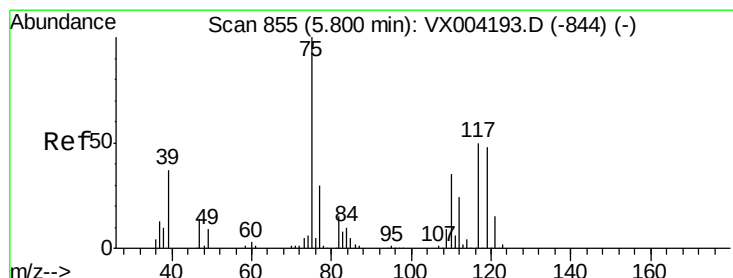
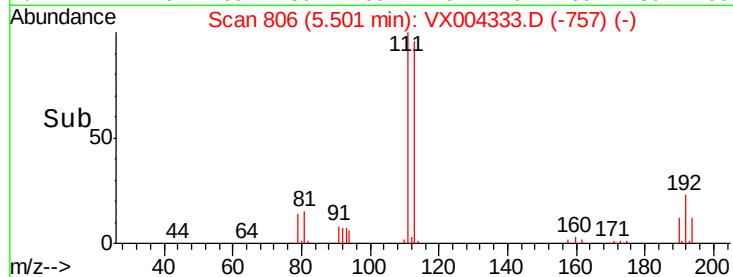
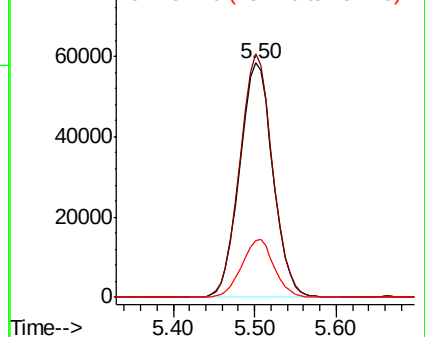
113 100

111 102.4 82.4 123.6

192 24.2 19.4 29.2



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



#36

1,1-Dichloropropene

Concen: 3.59 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

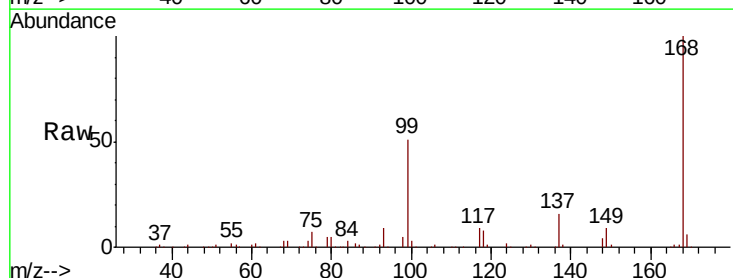
Tgt Ion: 75 Resp: 17470

Ion Ratio Lower Upper

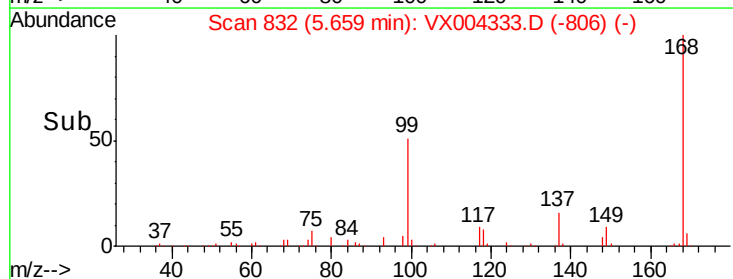
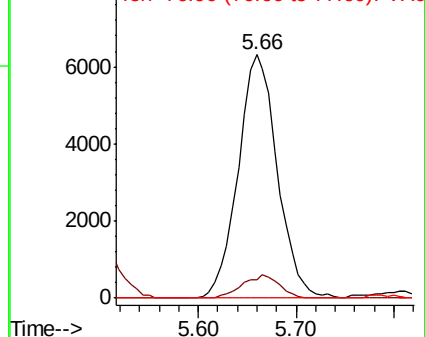
75 100

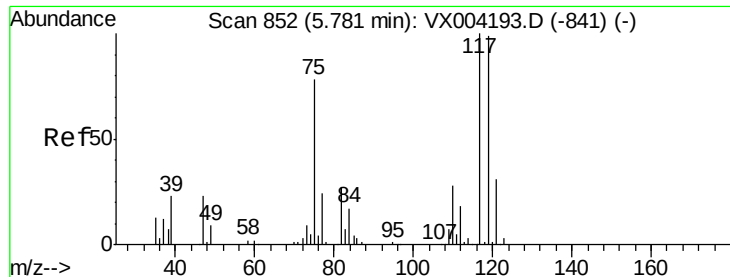
110 9.0 18.0 54.0#

77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.09 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

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

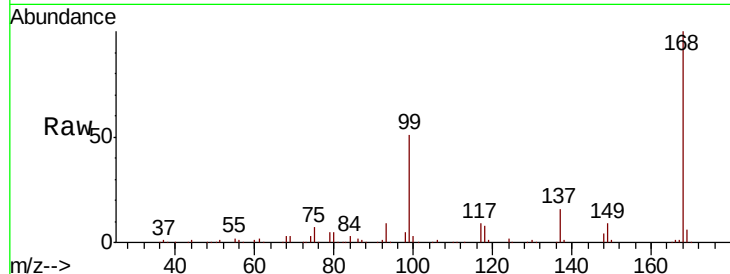
Tot Ion:117 Resp: 23302

Ion Ratio Lower Upper

117 100

119 5.7 78.8 118.2#

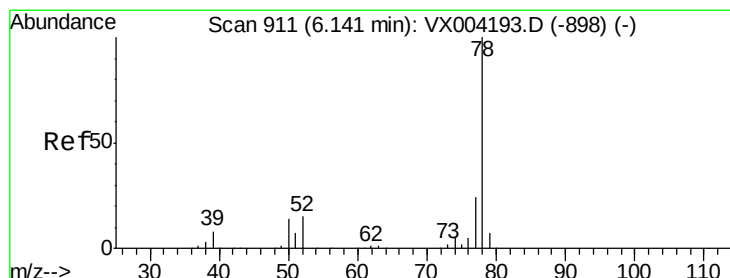
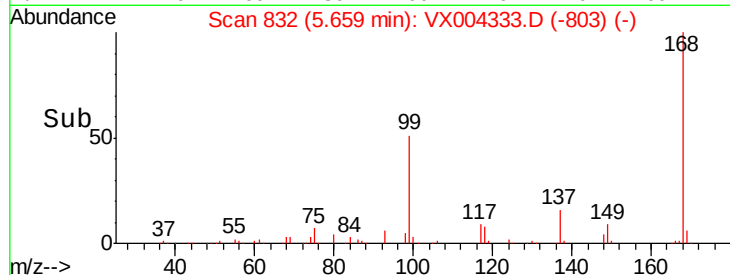
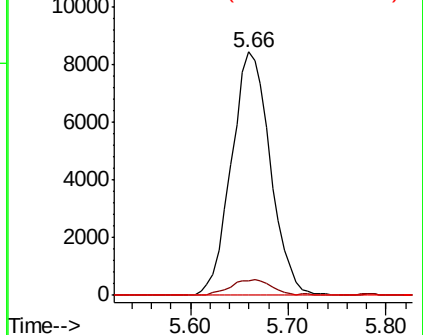
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.21 ug/l

RT: 6.13 min Scan# 910

Delta R.T. -0.01 min

Lab File: VX004333.D

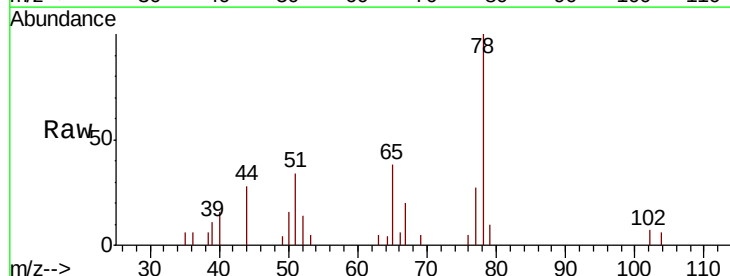
Acq: 31 Aug 2018 18:20

Tgt Ion: 78 Resp: 3114

Ion Ratio Lower Upper

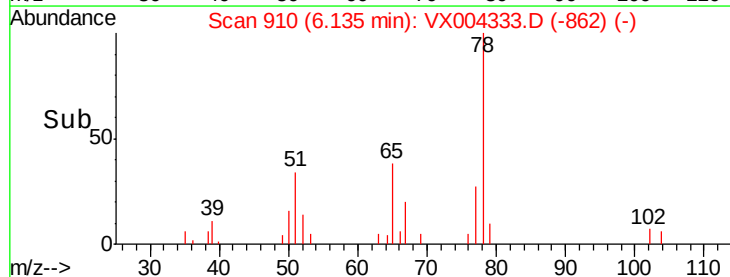
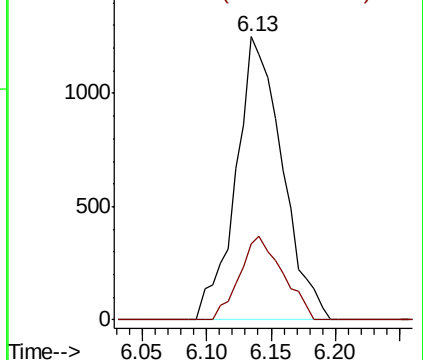
78 100

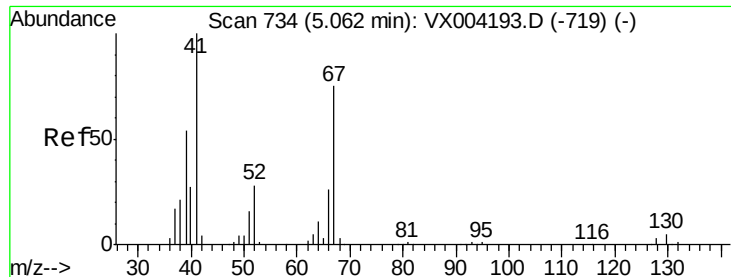
77 26.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

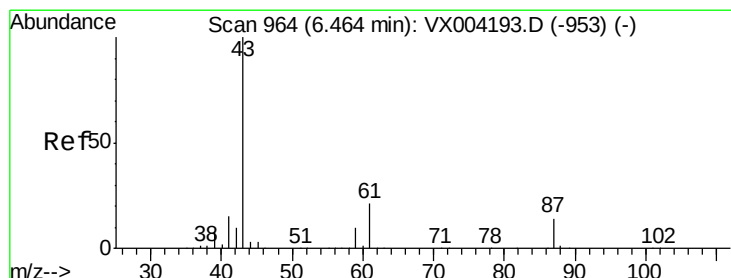
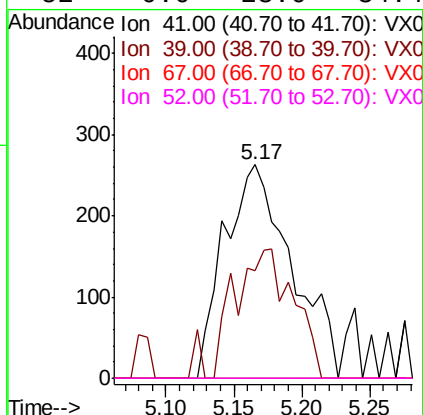
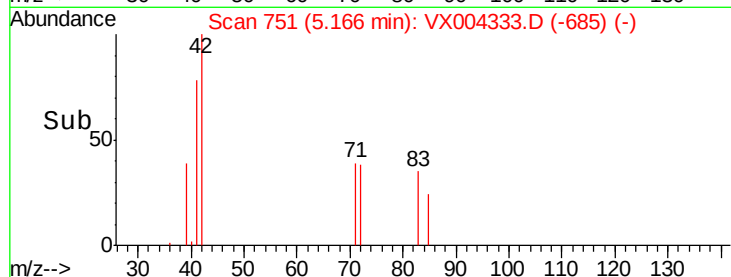
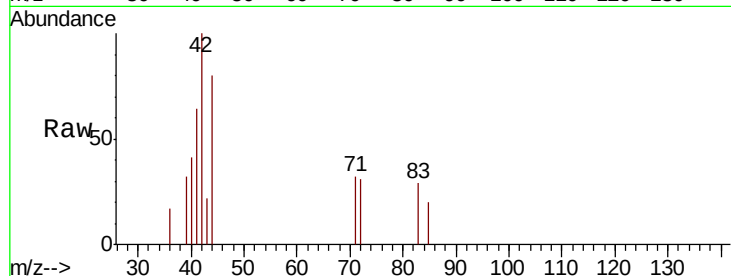




#41
Methacrylonitrile
Concen: 0.33 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.10 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

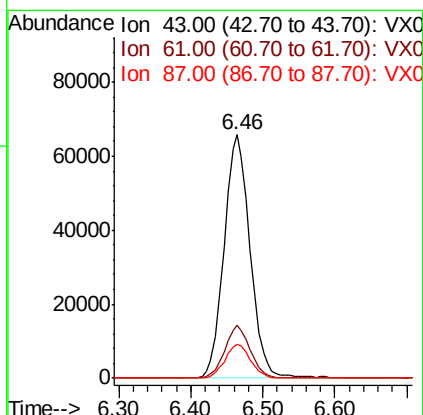
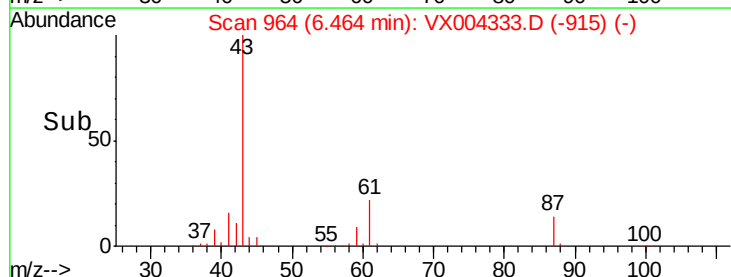
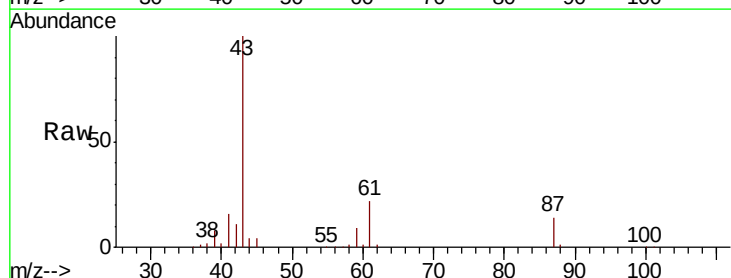
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID42(4)

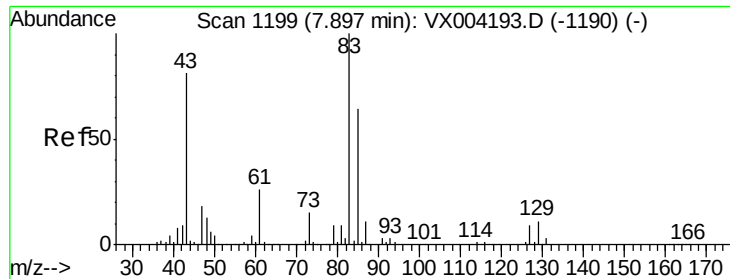
Tot Ion:	41	Resp:	908
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



#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:	43	Resp:	164631
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	13.9	11.4	17.2





#47

Bromodichloromethane

Concen: 0.46 ug/l

RT: 7.90 min Scan# 1200

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)

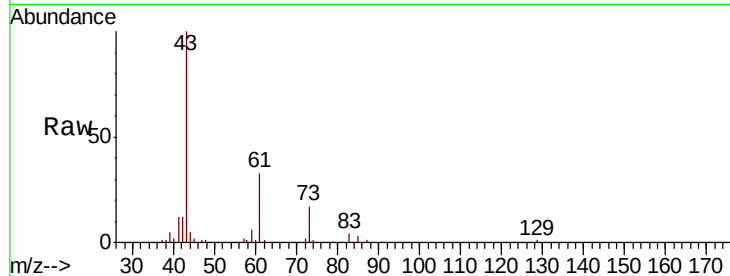
Tot Ion: 83 Resp: 2072

Ion Ratio Lower Upper

83 100

85 69.8 50.9 76.3

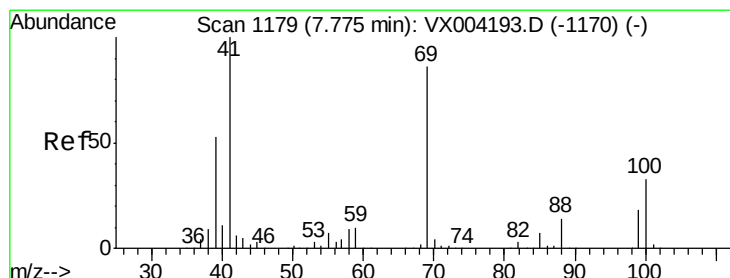
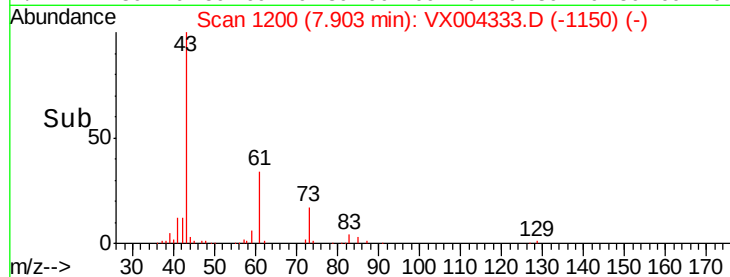
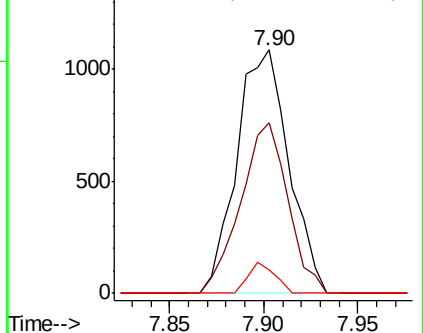
127 9.7 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.10 ug/l

RT: 7.68 min Scan# 1164

Delta R.T. -0.09 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

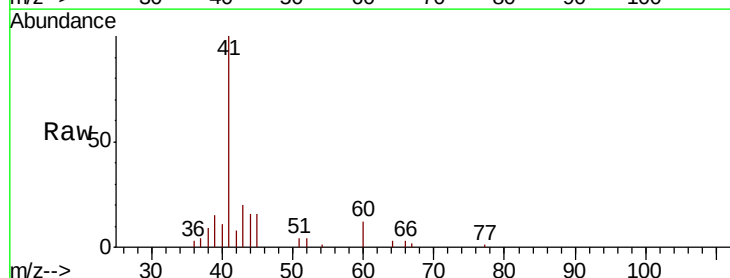
Tgt Ion: 41 Resp: 8261

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

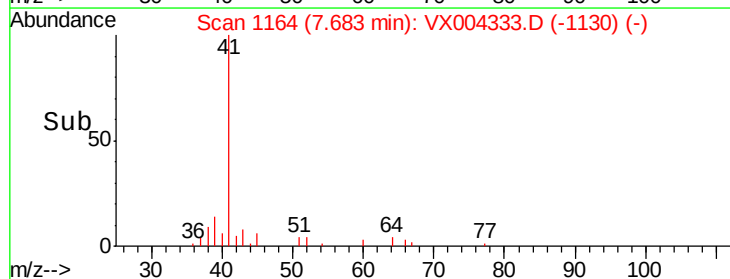
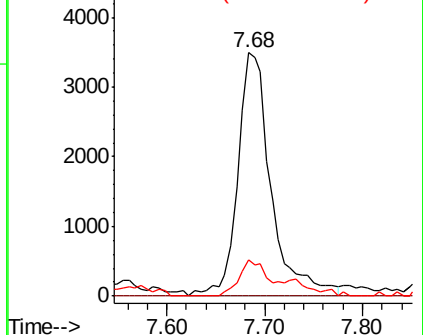
39 13.3 42.7 64.1#

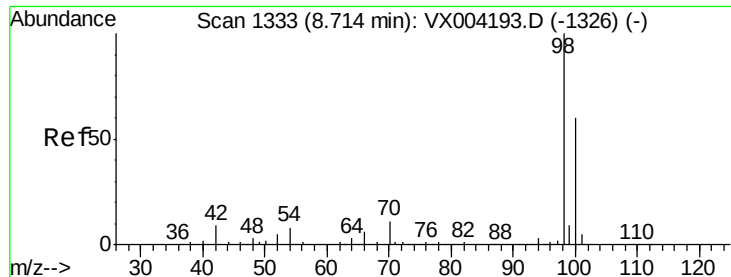


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

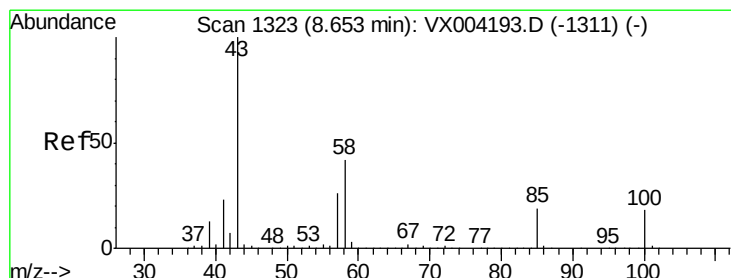
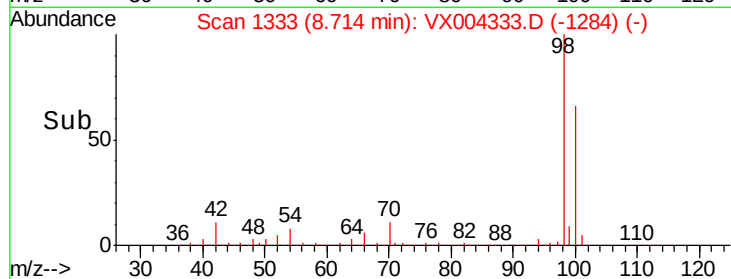
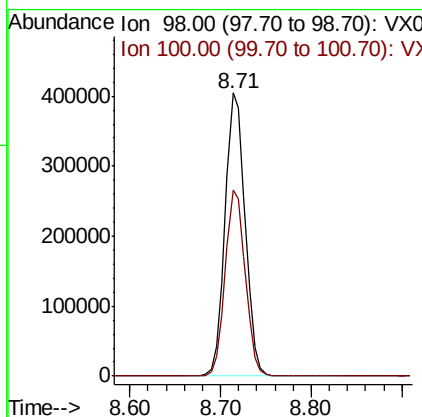
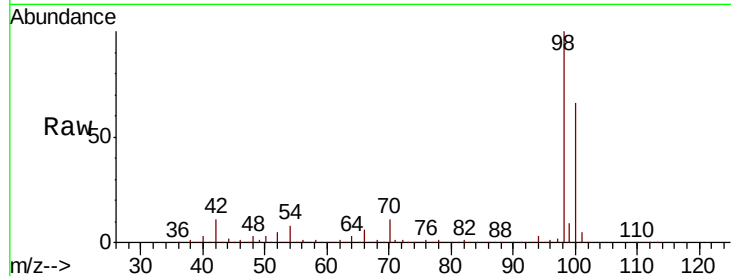




#50
Toluene-d8
Concen: 51.18 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

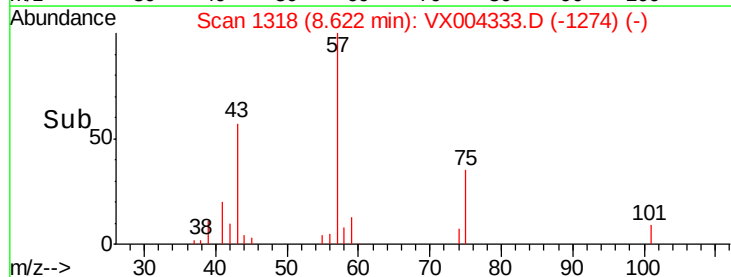
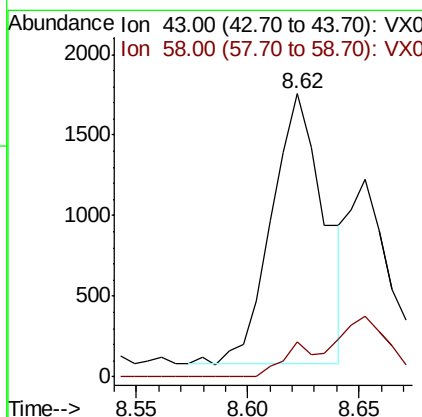
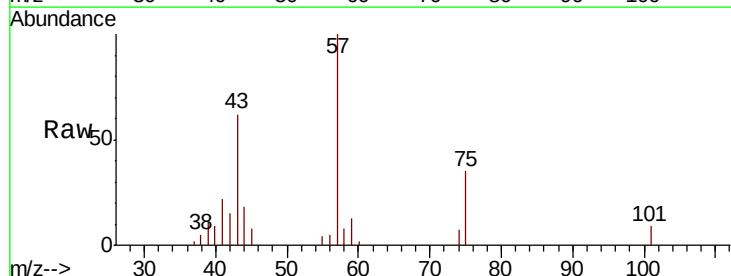
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID42(4)

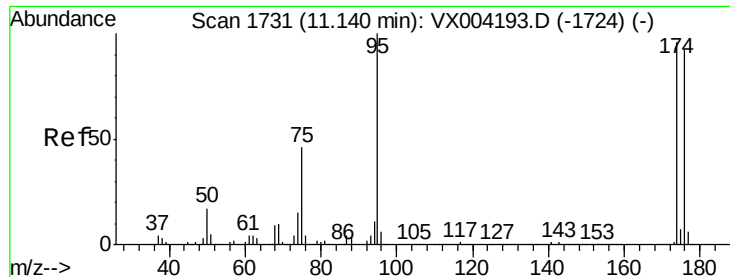
Tot Ion: 98 Resp: 622274
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. -0.03 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
58 7.0 33.1 49.7#

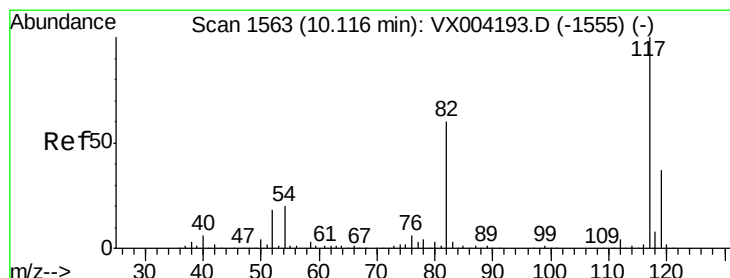
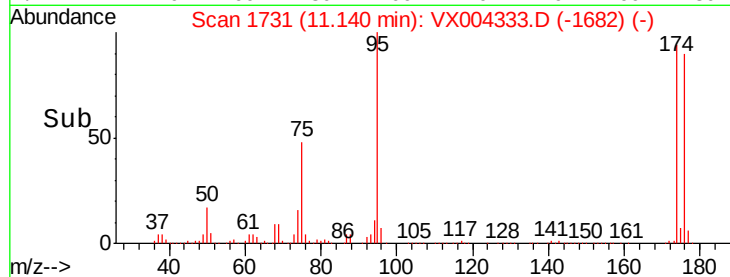
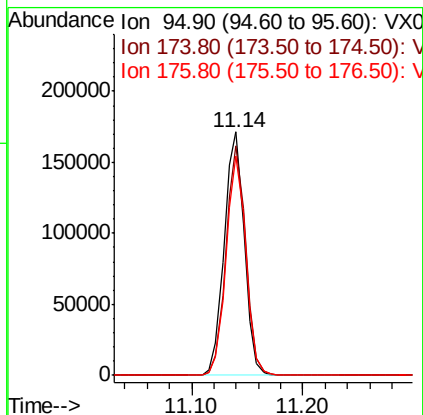
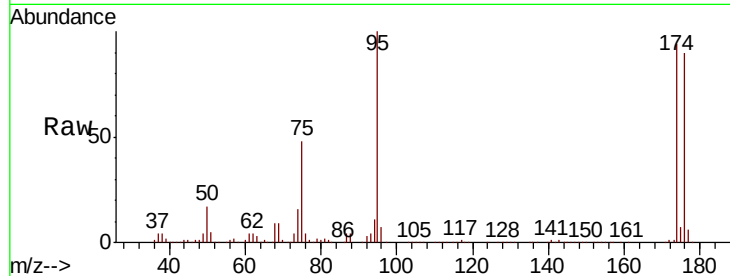




#62
4-Bromofluorobenzene
Concen: 47.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004333.D
Acq: 31 Aug 2018 18:20

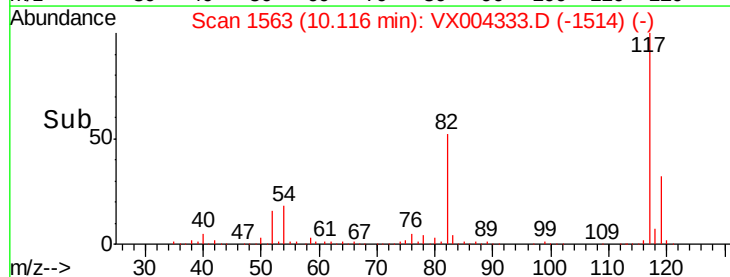
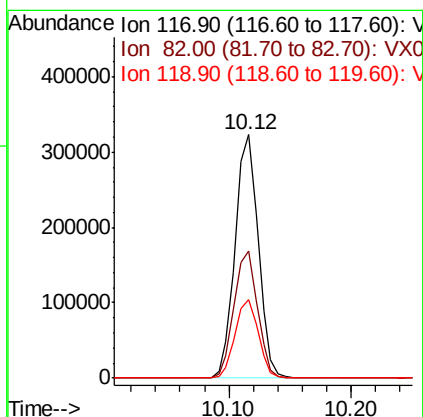
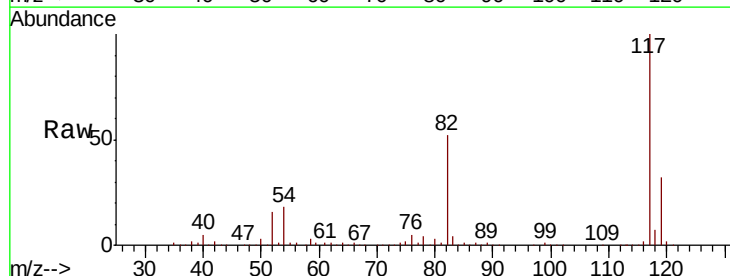
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID42(4)

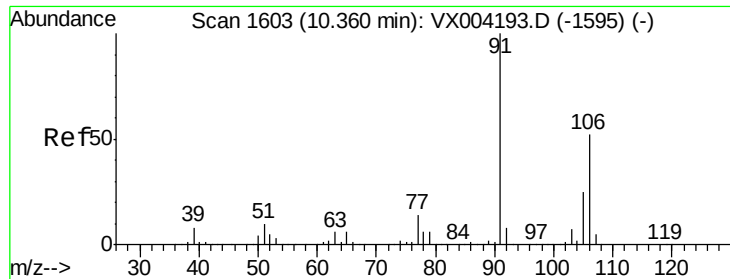
Tot Ion	95	Resp	213405
Ion Ratio	Lower	Upper	
95	100		
174	93.2	0.0	185.2
176	88.7	0.0	178.6



#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

Tgt Ion	117	Resp	419869
Ion Ratio	Lower	Upper	
117	100		
82	52.2	47.8	71.6
119	32.2	29.3	43.9





#68

m/p-Xvlenes

Concen: 0.20 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

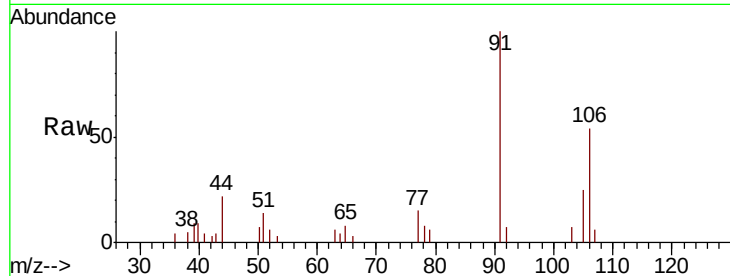
CB-0818-S-TCLP-GRID42(4)

Tot Ion:106 Resp: 1340

Ion Ratio Lower Upper

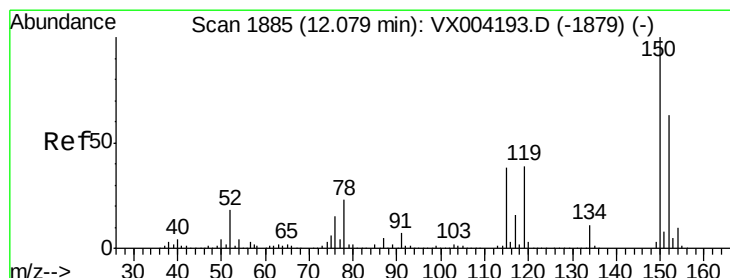
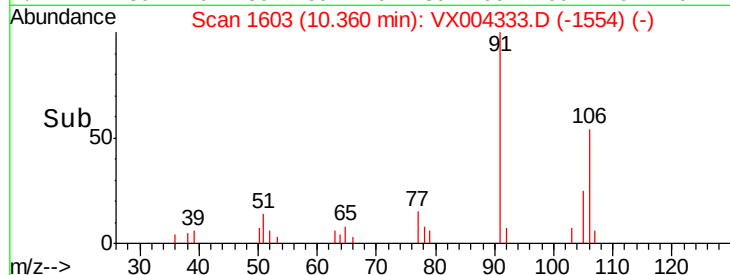
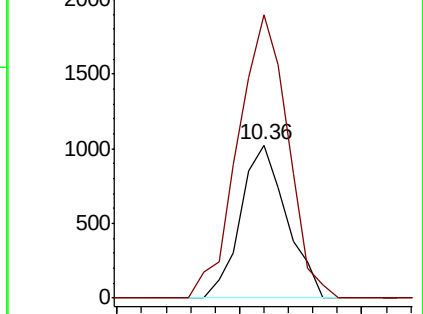
106 100

91 201.2 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#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

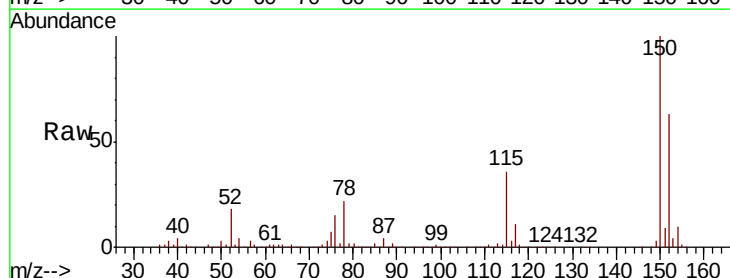
Tgt Ion:152 Resp: 225230

Ion Ratio Lower Upper

152 100

115 55.1 39.0 117.0

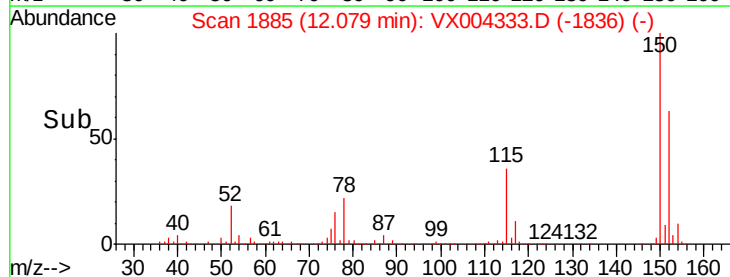
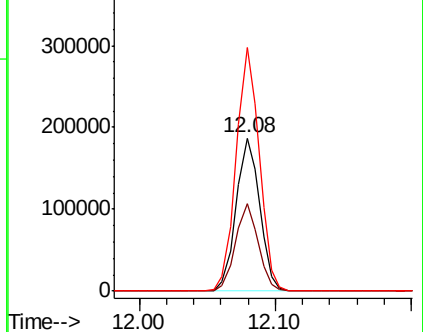
150 156.9 0.0 351.0

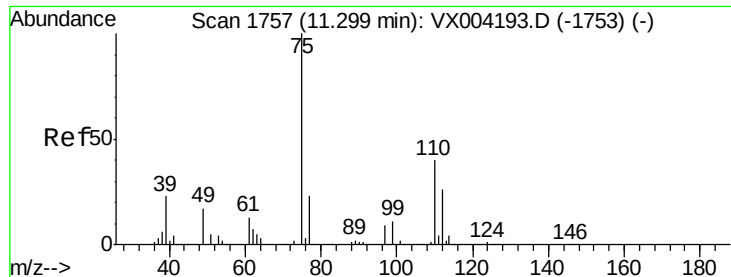


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

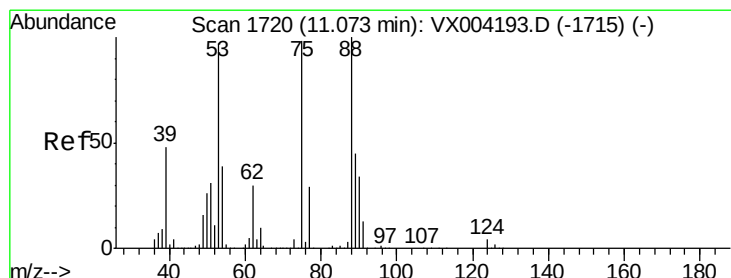
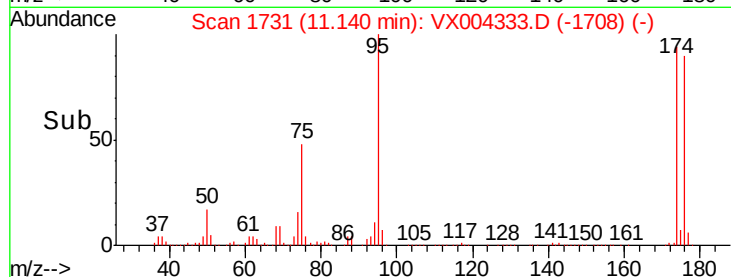
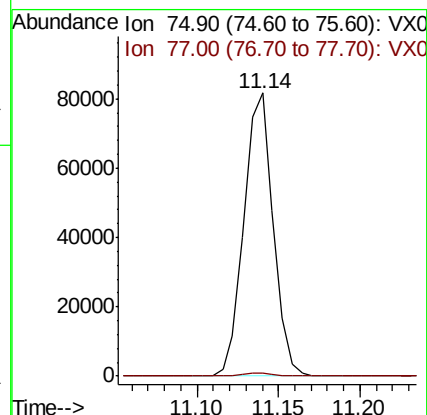
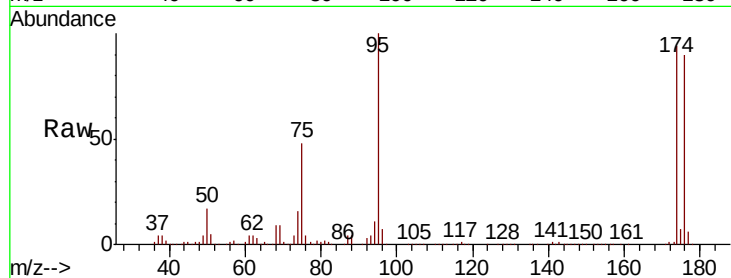
CB-0818-S-TCLP-GRID42(4)

Tot Ion: 75 Resp: 102370

Ion Ratio Lower Upper

75 100

77 1.3 20.2 60.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.07 min

Lab File: VX004333.D

Acq: 31 Aug 2018 18:20

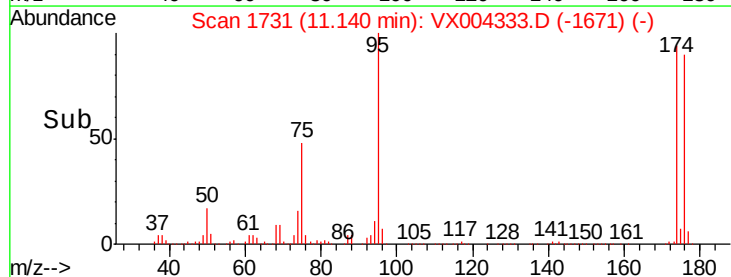
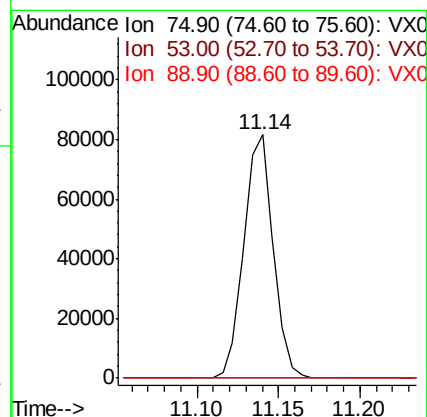
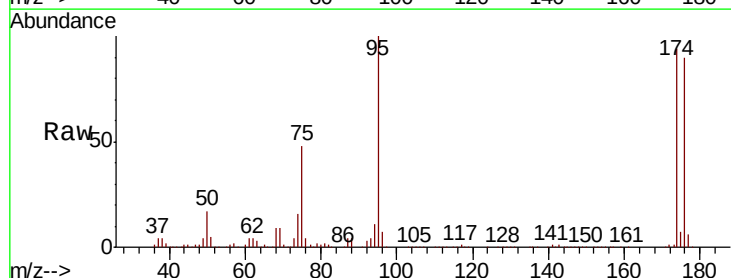
Tgt Ion: 75 Resp: 102370

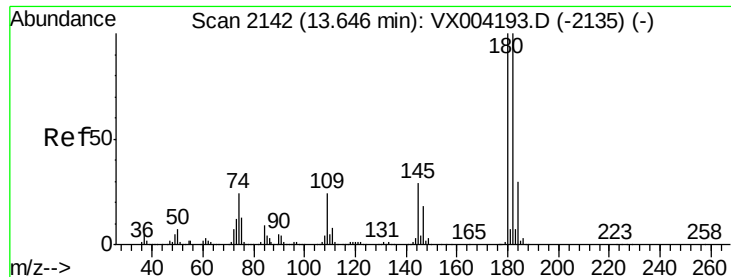
Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#

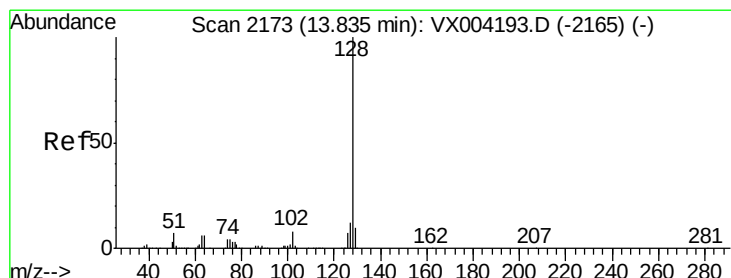
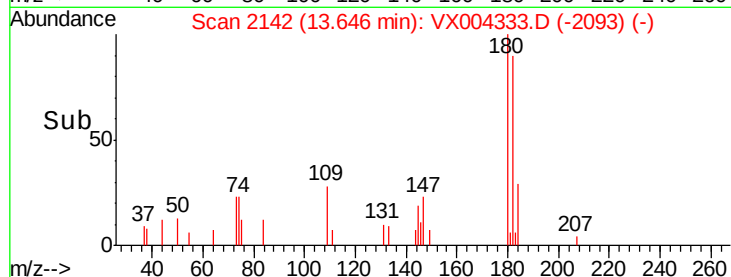
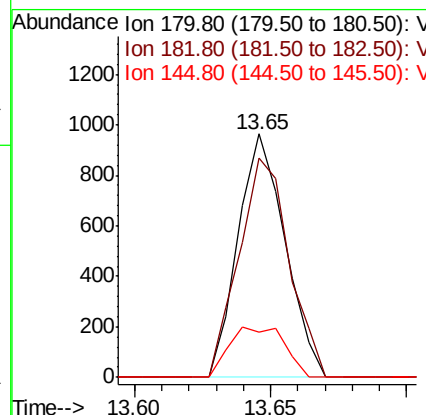
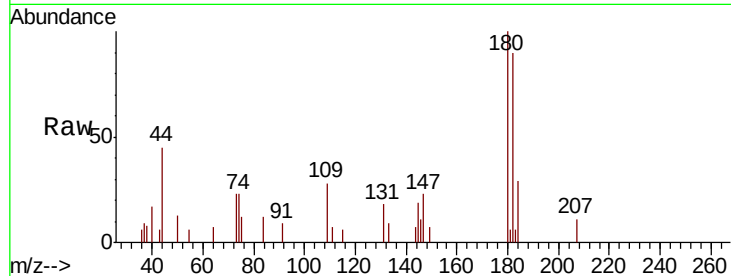




#93
 1,2,4-Trichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004333.D
 Acq: 31 Aug 2018 18:20

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.4	145.0
145	24.4	14.3	42.9



#95
 Naphthalene
 Concen: 0.35 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: VX004333.D
 Acq: 31 Aug 2018 18:20

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.6	8.6	12.8

