

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004306.D
 Acq On : 29 Aug 2018 22:04
 Operator : JC/MD
 Sample : J4677-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

Quant Time: Aug 30 02:13:13 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	253181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201638	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	179497	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	5.50	113	159075	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
50) Toluene-d8	8.72	98	585316	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.14	95	199988	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	

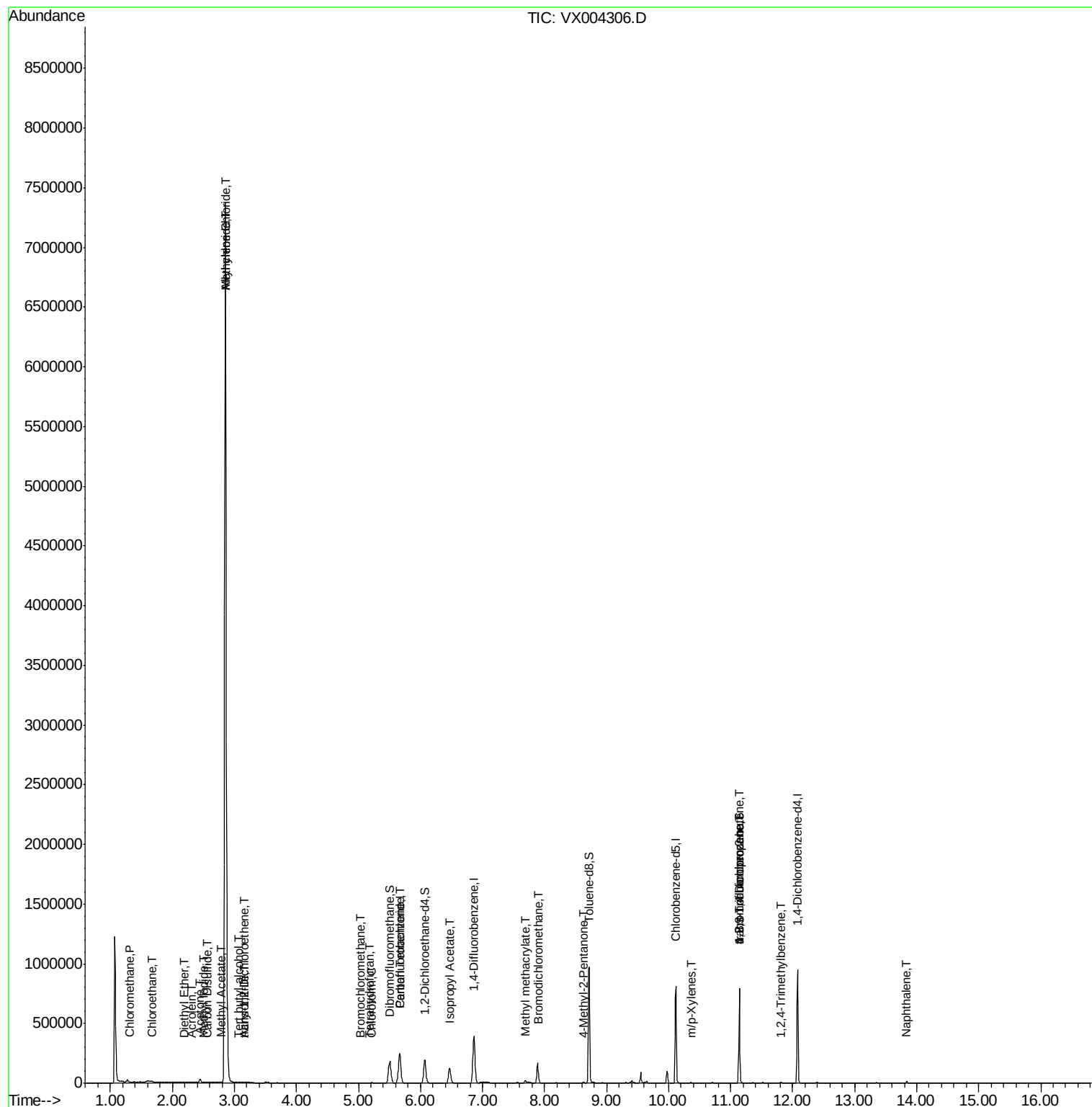
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1161	0.65	ug/l	96
5) Bromomethane	1.64	94	1597	Below Cal		93
6) Chloroethane	1.68	64	379	1.11	ug/l #	48
8) Diethyl Ether	2.19	74	819	0.42	ug/l	94
10) Methyl Iodide	2.51	142	1820	4.78	ug/l	96
11) Tert butyl alcohol	3.07	59	585	0.83	ug/l	99
13) Acrolein	2.31	56	292	1.72	ug/l	85
14) Allyl chloride	2.85	41	138330	28.07	ug/l #	28
15) Acrylonitrile	3.15	53	700	0.40	ug/l #	81
16) Acetone	2.45	43	28953	13.87	ug/l	99
17) Carbon Disulfide	2.57	76	2830	1.17	ug/l	98
18) Methyl Acetate	2.78	43	6402	1.31	ug/l	99
20) Methylene Chloride	2.85	84	3457373	1088.40	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	680	0.23	ug/l #	79
25) 2-Butanone	4.71	43	3369	Below Cal		91
28) Bromochloromethane	5.02	49	1828	0.77	ug/l #	94
29) Tetrahydrofuran	5.17	42	1090	0.77	ug/l #	80
30) Chloroform	5.21	83	4771	0.89	ug/l	94
38) Carbon Tetrachloride	5.67	117	22405	5.20	ug/l #	17
43) Isopropyl Acetate	6.47	43	161774	23.36	ug/l	99
47) Bromodichloromethane	7.90	83	1099	0.26	ug/l #	85
48) Methyl methacrylate	7.69	41	7836	2.11	ug/l #	19
51) 4-Methyl-2-Pentanone	8.62	43	4262	0.85	ug/l #	34
68) m/p-Xylenes	10.36	106	1314	0.22	ug/l	92
76) 1,2,3-Trichloropropane	11.14	75	94174	22.96	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	94174	74.51	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	2355	0.21	ug/l	98
95) Naphthalene	13.83	128	8133	0.62	ug/l	97

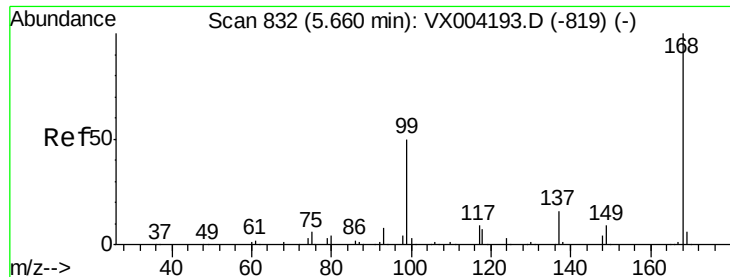
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082918\
Data File : VX004306.D
Acq On : 29 Aug 2018 22:04
Operator : JC/MD
Sample : J4677-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(1)

Quant Time: Aug 30 02:13:13 2018
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: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

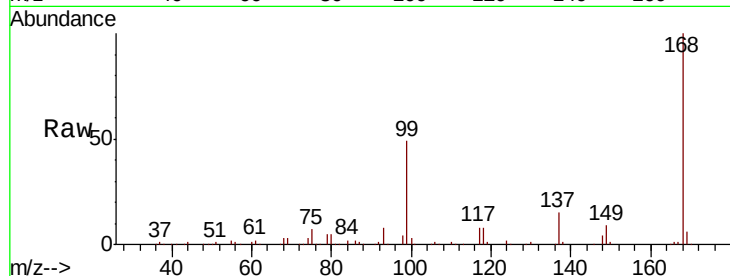
CB-0818-S-TCLP-GRID-42(1)

Tot Ion:168 Resp: 253181

Ion Ratio Lower Upper

168 100

99 49.5 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

100000

80000

60000

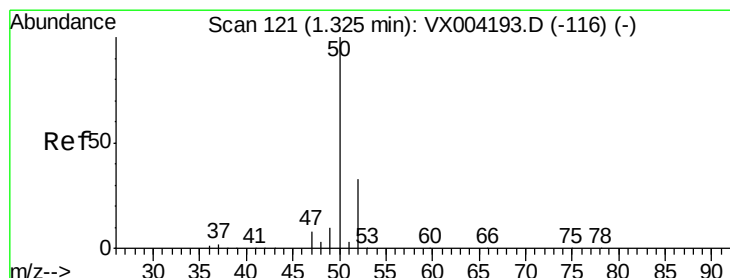
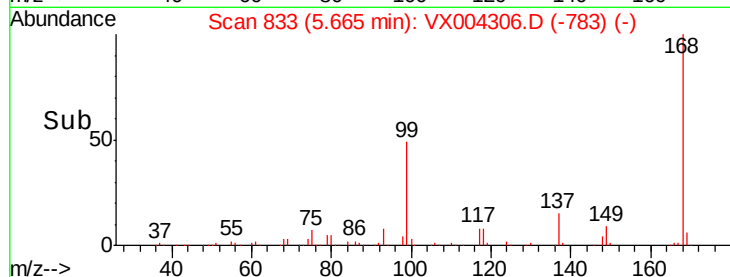
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004306.D

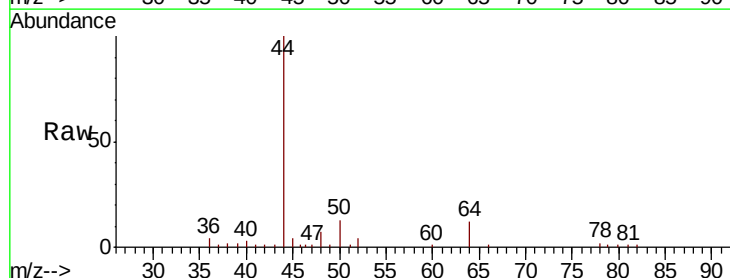
Acq: 29 Aug 2018 22:04

Tgt Ion: 50 Resp: 1161

Ion Ratio Lower Upper

50 100

52 30.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

600

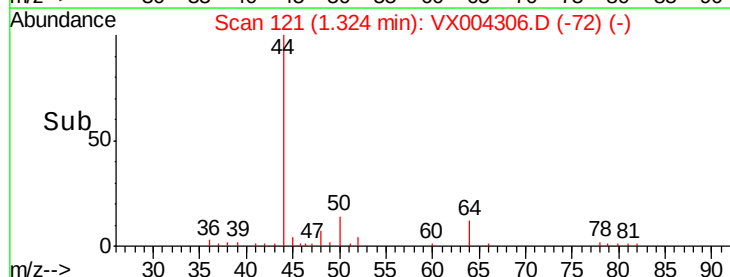
400

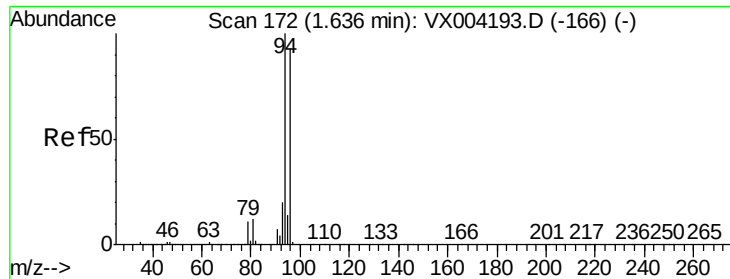
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

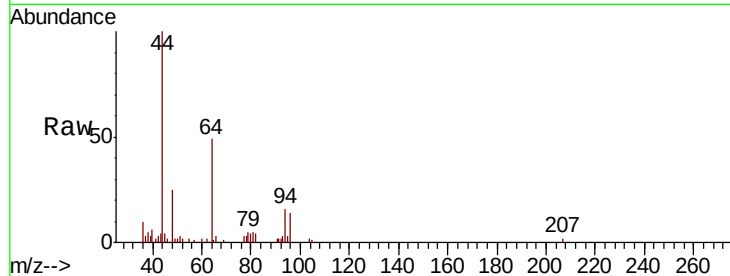
CB-0818-S-TCLP-GRID-42(1)

Tot Ion: 94 Resp: 1597

Ion Ratio Lower Upper

94 100

96 86.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

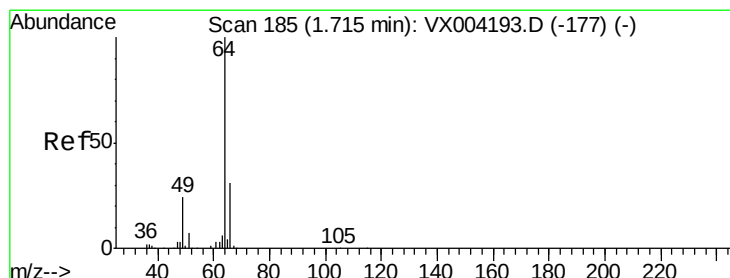
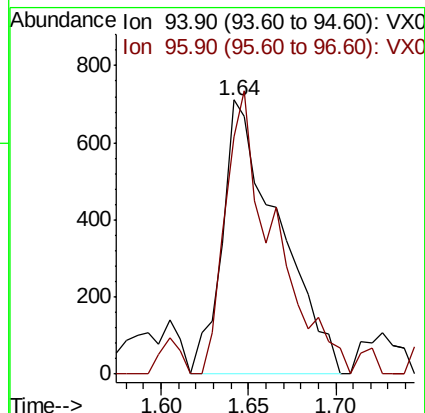
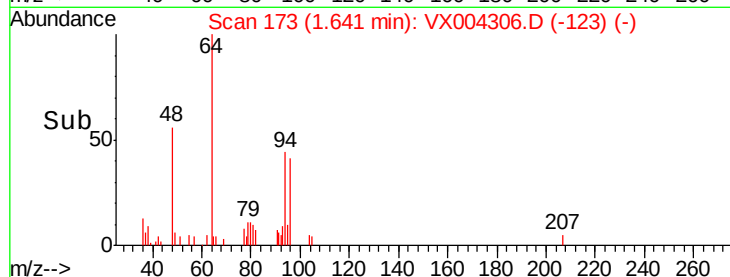
Ion 95.90 (95.60 to 96.60): VX0

1.64

1.65

1.70

Time-->



#6

Chloroethane

Concen: 1.11 ug/l

RT: 1.68 min Scan# 180

Delta R.T. -0.03 min

Lab File: VX004306.D

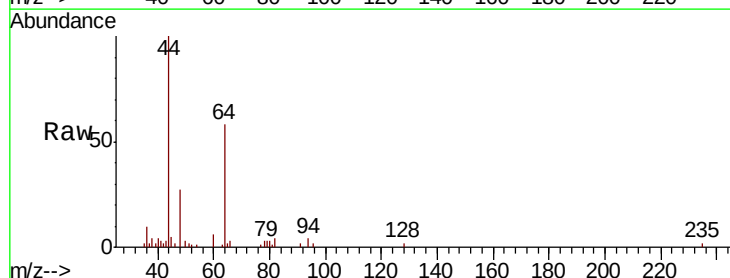
Acq: 29 Aug 2018 22:04

Tgt Ion: 64 Resp: 379

Ion Ratio Lower Upper

64 100

66 2.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

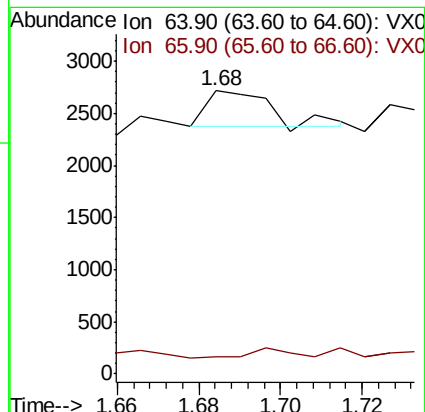
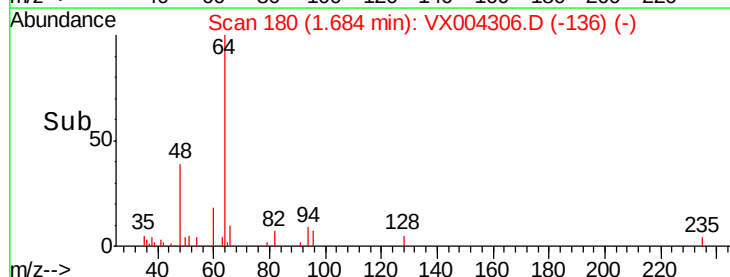
Ion 65.90 (65.60 to 66.60): VX0

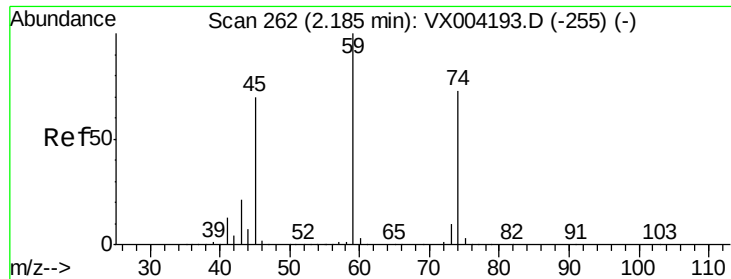
1.68

1.70

1.72

Time-->

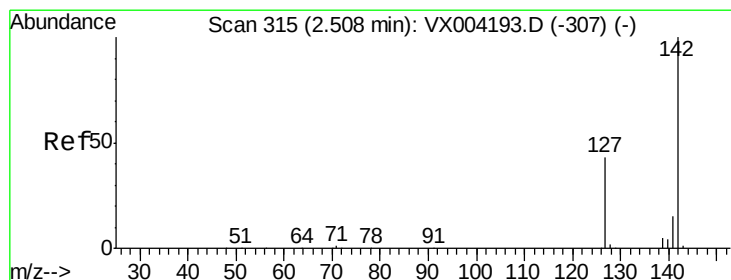
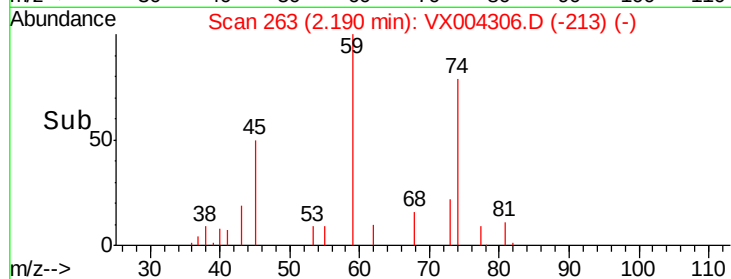
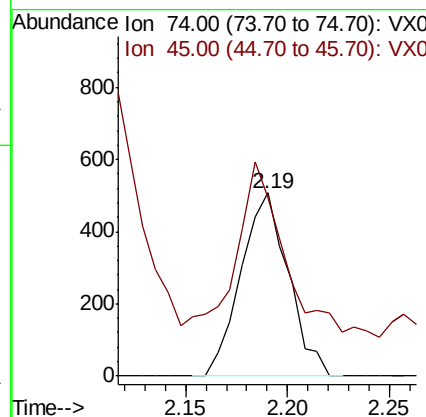
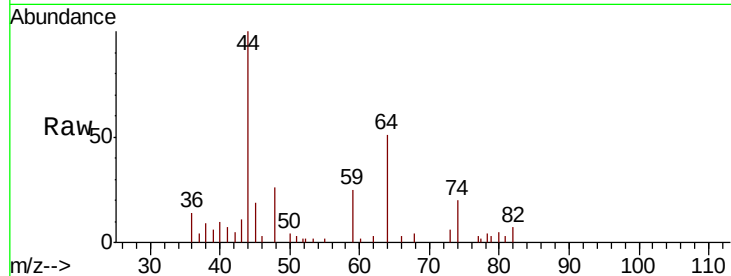




#8
 Diethyl Ether
 Concen: 0.42 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.01 min
 Lab File: VX004306.D
 Acq: 29 Aug 2018 22:04

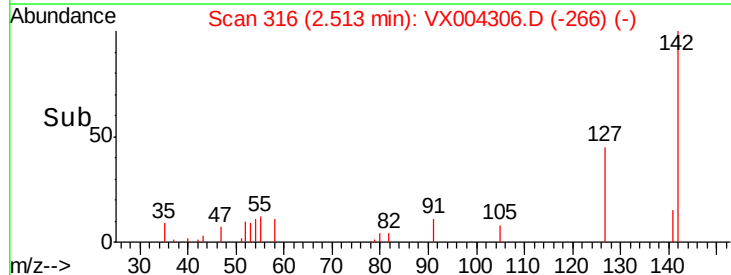
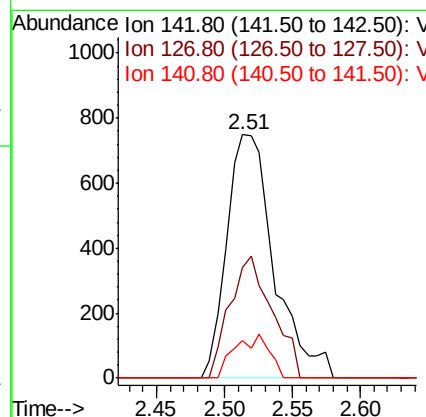
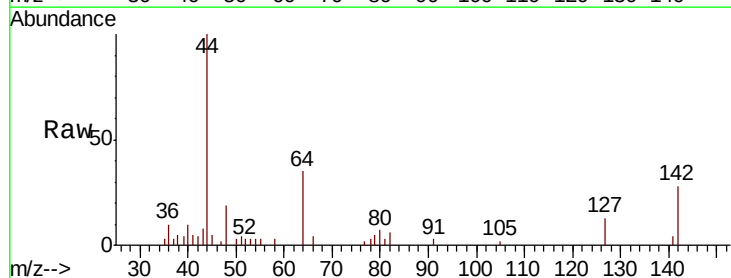
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

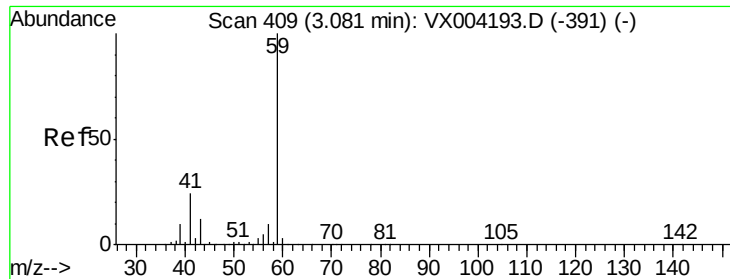
Tot Ion: 74 Resp: 819
 Ion Ratio Lower Upper
 74 100
 45 102.6 48.3 144.8



#10
 Methyl Iodide
 Concen: 4.78 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX004306.D
 Acq: 29 Aug 2018 22:04

Tgt Ion: 142 Resp: 1820
 Ion Ratio Lower Upper
 142 100
 127 44.8 33.8 50.6
 141 13.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 0.83 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

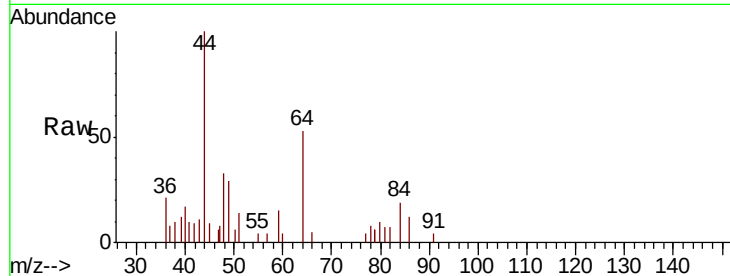
CB-0818-S-TCLP-GRID-42(1)

Tot Ion: 59 Resp: 585

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

200

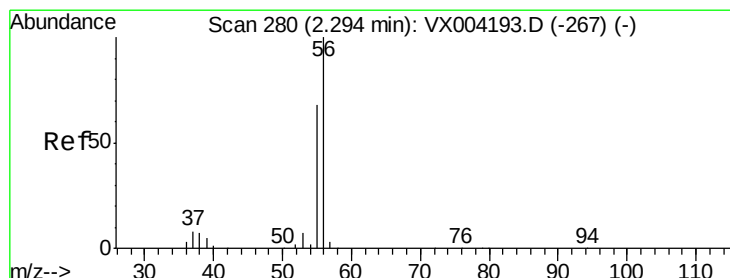
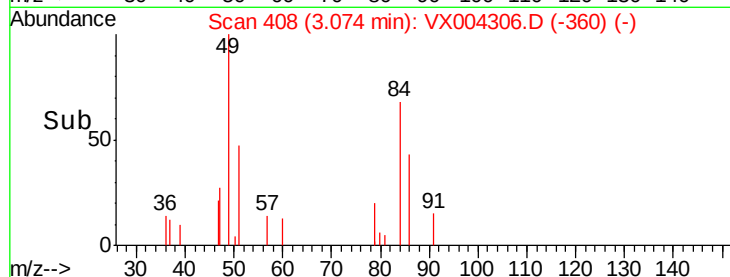
150

100

50

0

Time-->



#13

Acrolein

Concen: 1.72 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX004306.D

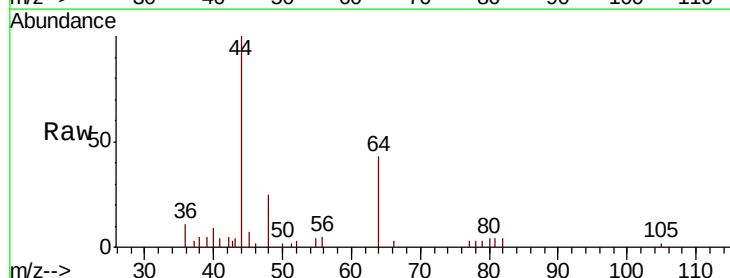
Acq: 29 Aug 2018 22:04

Tgt Ion: 56 Resp: 292

Ion Ratio Lower Upper

56 100

55 56.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

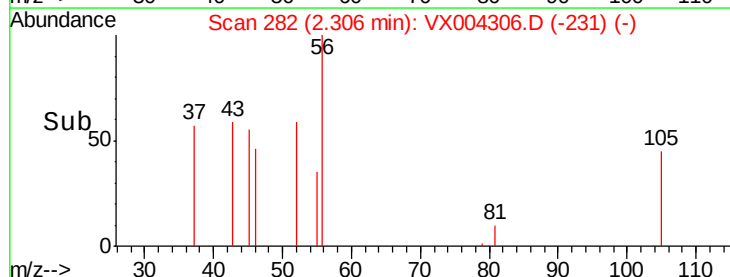
150

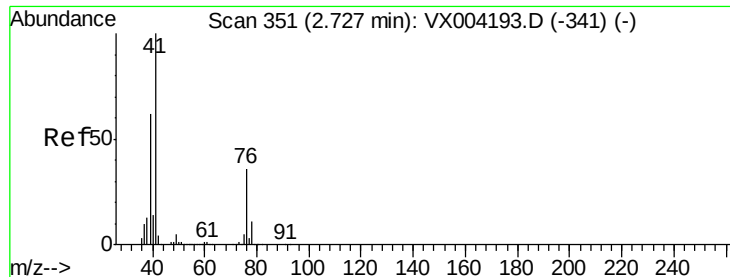
100

50

0

Time-->

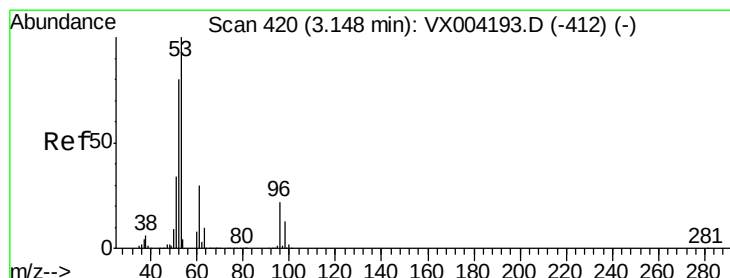
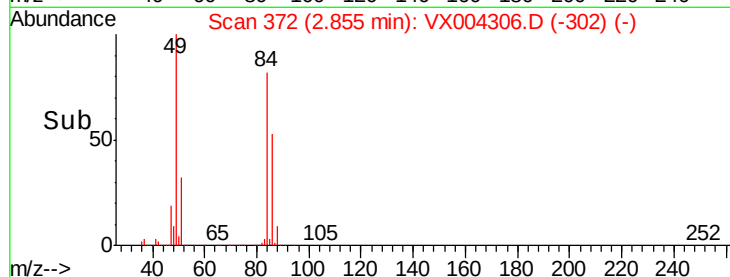
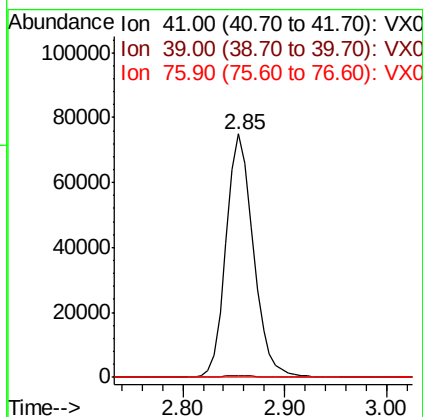
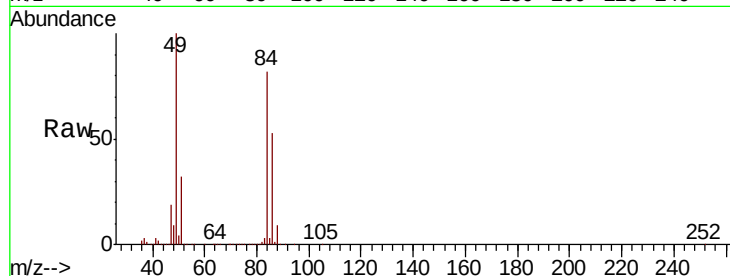




#14
 Allvl chloride
 Concen: 28.07 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. 0.13 min
 Lab File: VX004306.D
 Acq: 29 Aug 2018 22:04

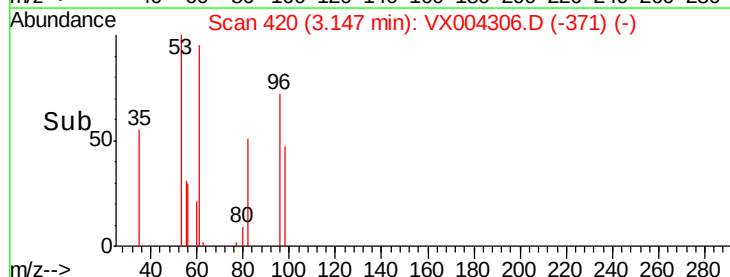
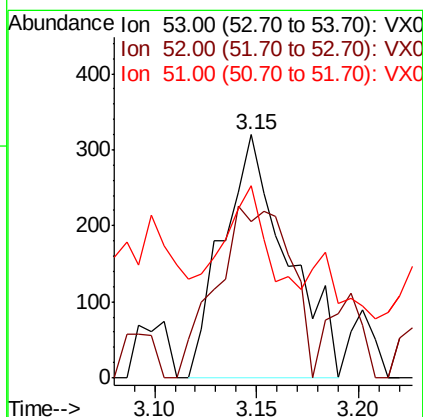
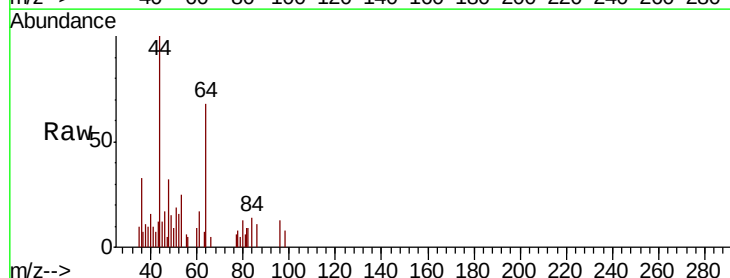
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

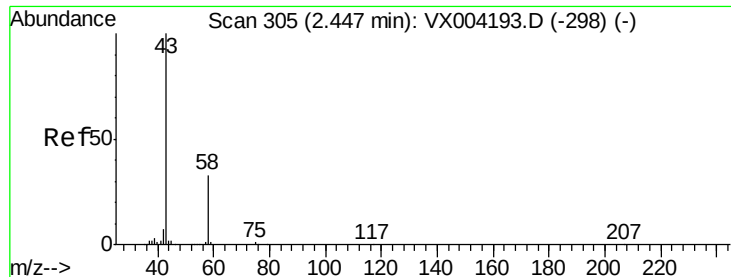
Tot Ion: 41 Resp: 138330
 Ion Ratio Lower Upper
 41 100
 39 0.7 48.9 73.3#
 76 0.0 26.7 40.1#



#15
 Acrylonitrile
 Concen: 0.40 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: VX004306.D
 Acq: 29 Aug 2018 22:04

Tgt Ion: 53 Resp: 700
 Ion Ratio Lower Upper
 53 100
 52 80.6 65.2 97.8
 51 0.0 28.2 42.2#





#16

Acetone

Concen: 13.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

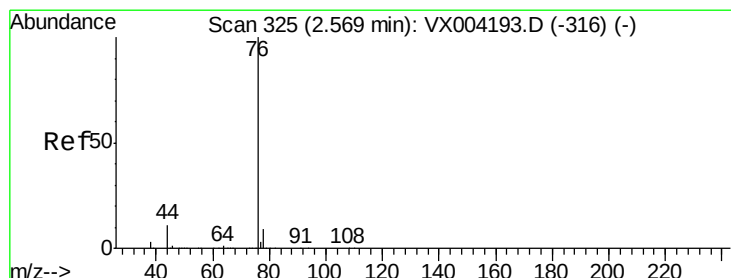
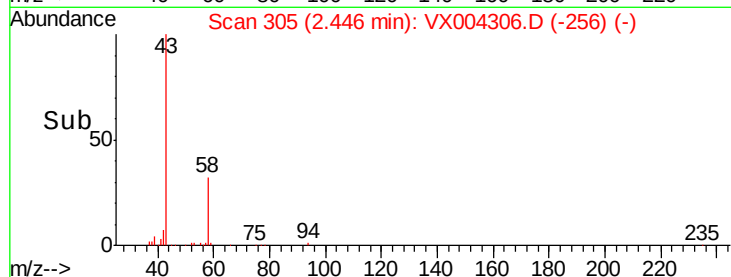
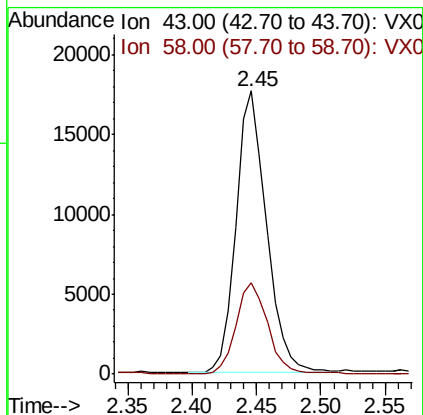
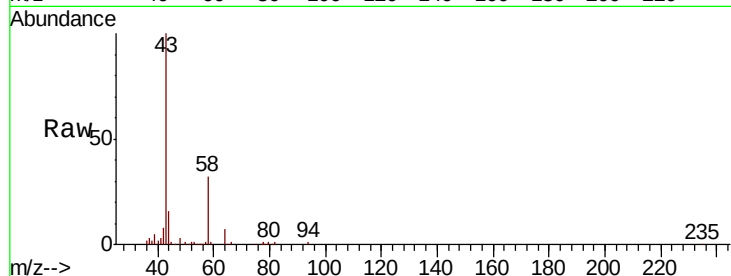
CB-0818-S-TCLP-GRID-42(1)

Tot Ion: 43 Resp: 28953

Ion Ratio Lower Upper

43 100

58 32.4 26.2 39.4



#17

Carbon Disulfide

Concen: 1.17 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004306.D

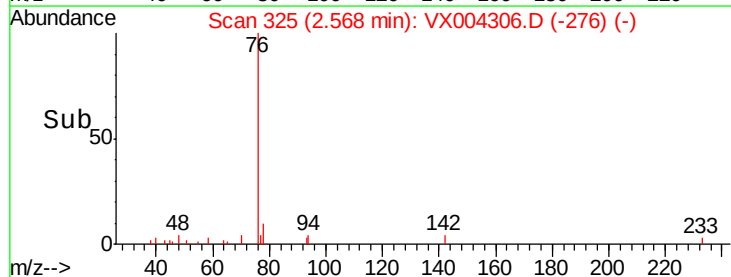
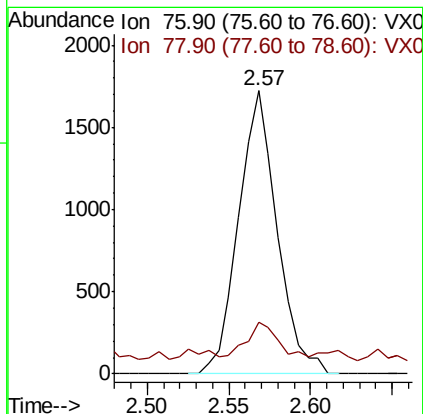
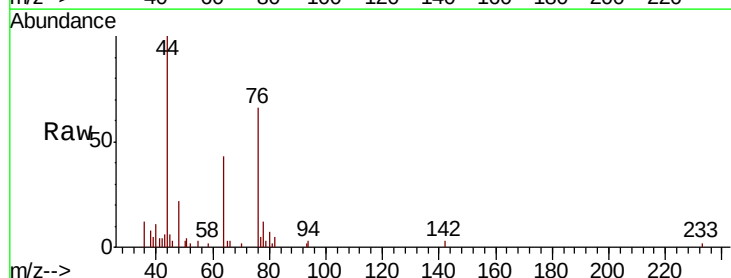
Acq: 29 Aug 2018 22:04

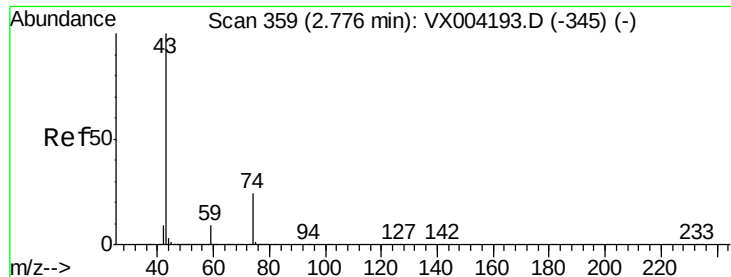
Tgt Ion: 76 Resp: 2830

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6

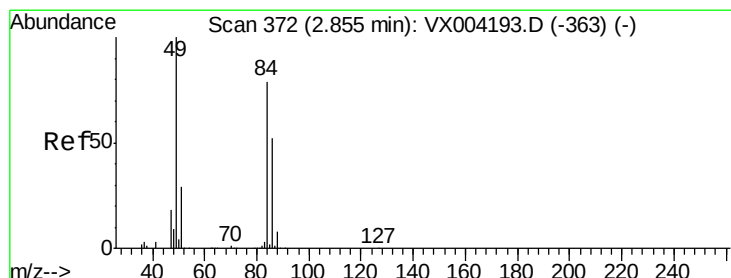
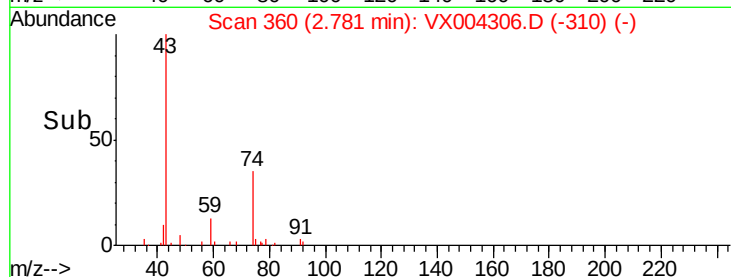
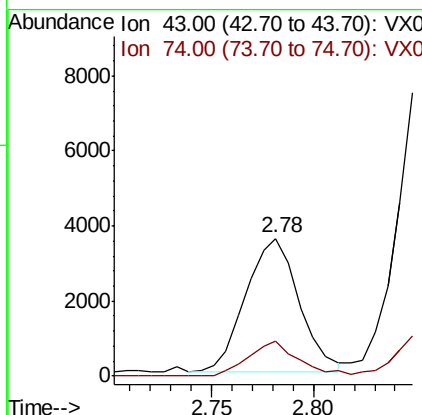
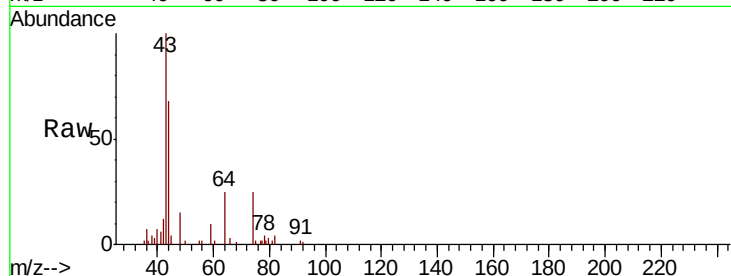




#18
Methvl Acetate
Concen: 1.31 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004306.D
Acq: 29 Aug 2018 22:04

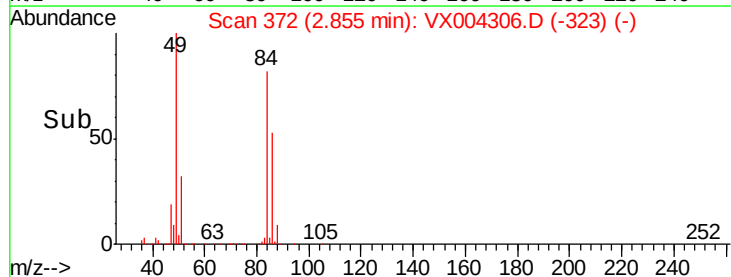
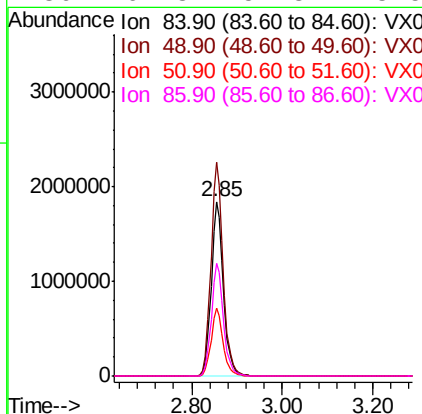
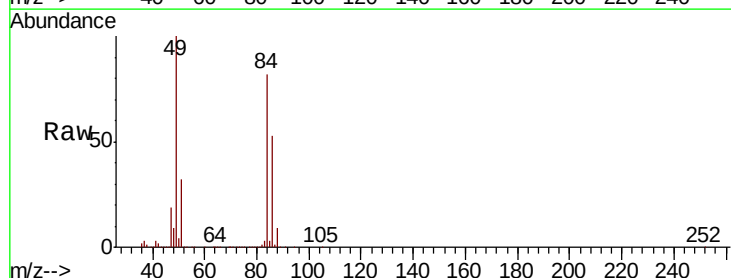
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(1)

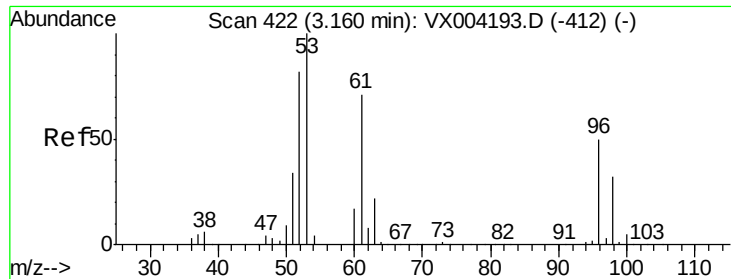
Tot Ion: 43 Resp: 6402
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2



#20
Methylene Chloride
Concen: 1088.40 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004306.D
Acq: 29 Aug 2018 22:04

Tgt Ion: 84 Resp: 3457373
Ion Ratio Lower Upper
84 100
49 122.4 101.2 151.8
51 39.1 29.5 44.3
86 64.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 0.23 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

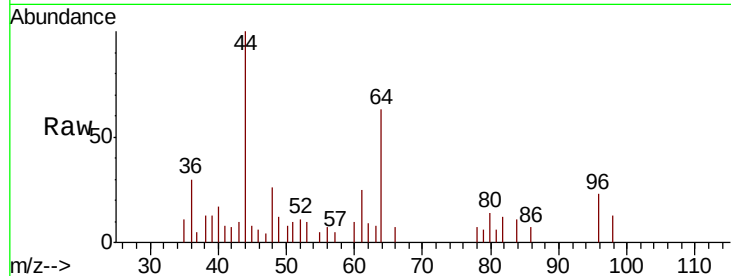
Tot Ion: 96 Resp: 680

Ion Ratio Lower Upper

96 100

61 109.0 113.8 170.6#

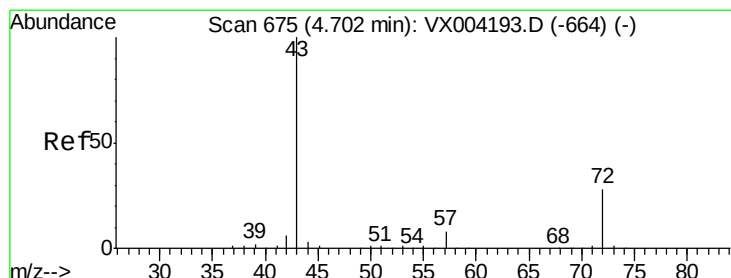
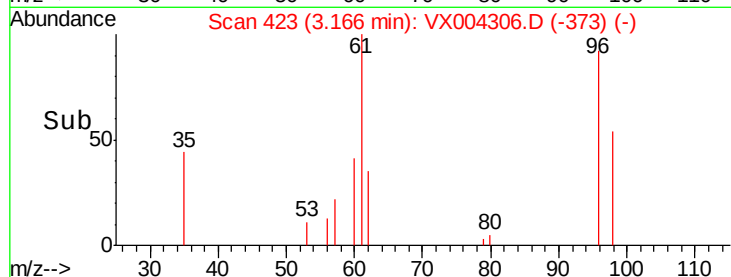
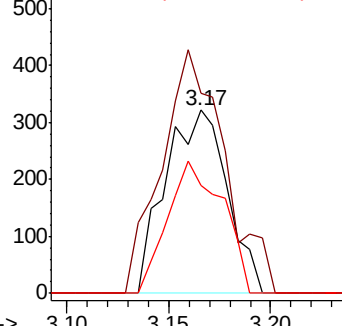
98 59.0 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: Below Cal

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX004306.D

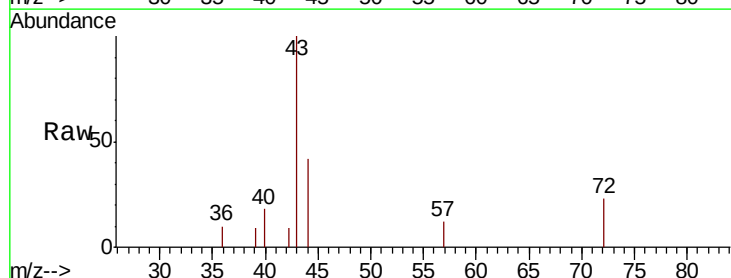
Acq: 29 Aug 2018 22:04

Tgt Ion: 43 Resp: 3369

Ion Ratio Lower Upper

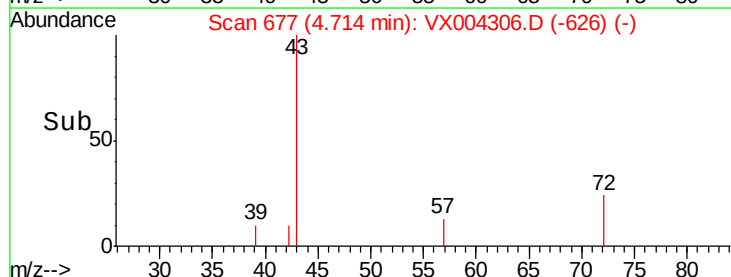
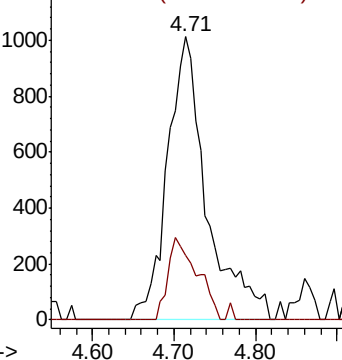
43 100

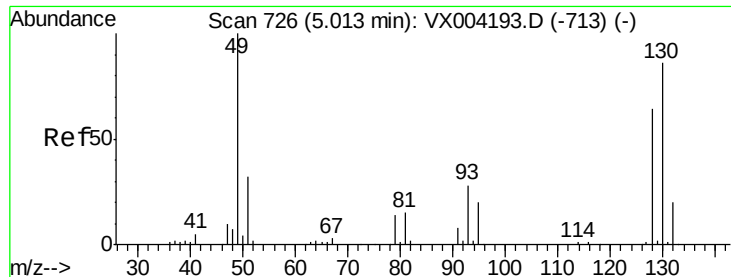
72 22.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.77 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

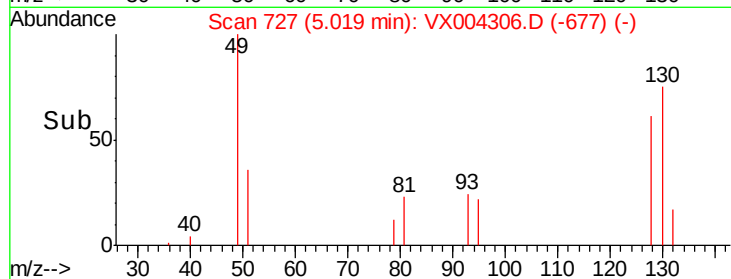
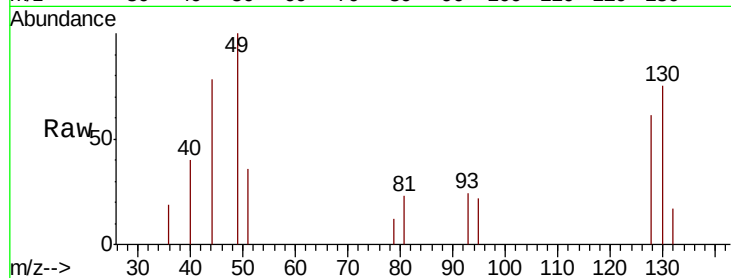
Tot Ion: 49 Resp: 1828

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

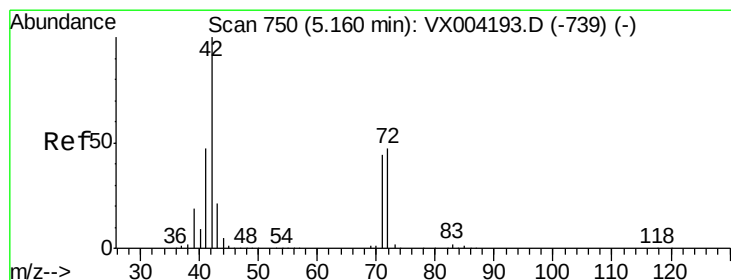
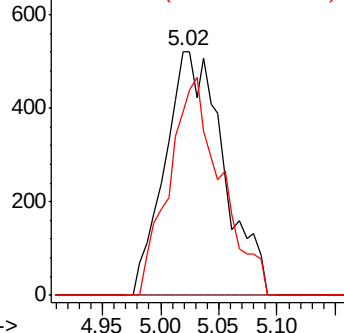
130 79.3 67.5 101.3



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: 0.77 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

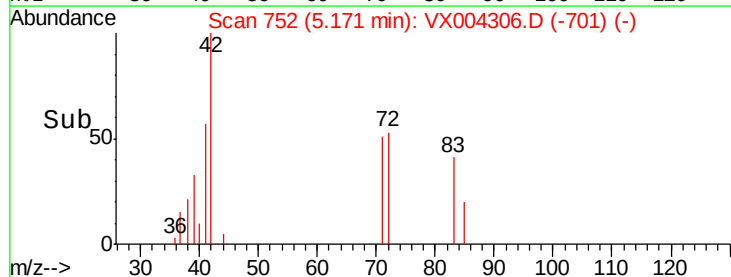
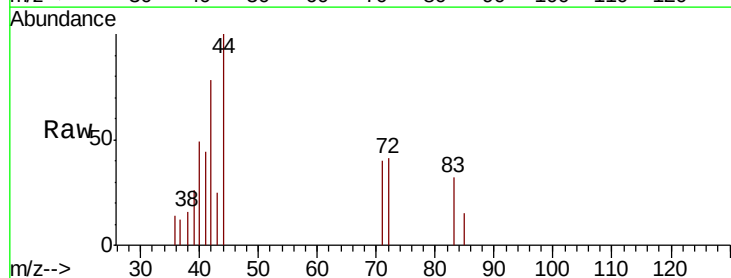
Tgt Ion: 42 Resp: 1090

Ion Ratio Lower Upper

42 100

72 25.8 37.4 56.0#

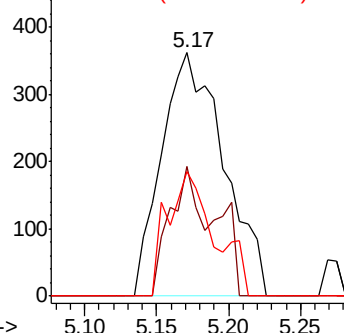
71 38.6 34.5 51.7

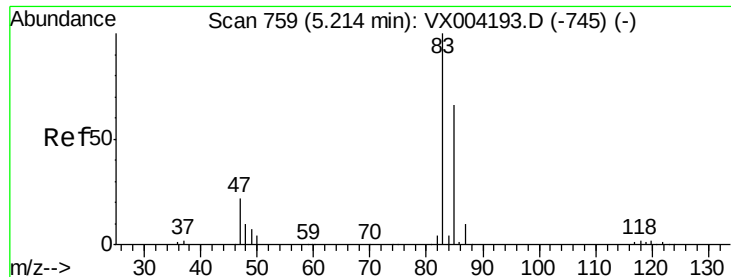


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

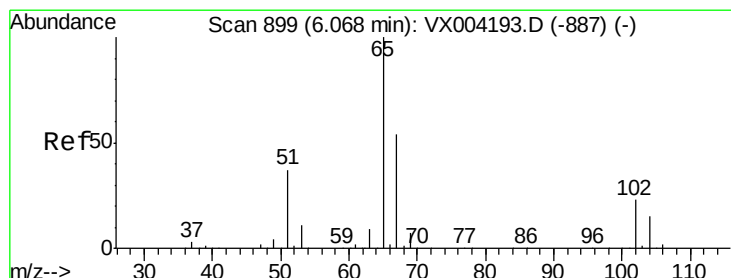
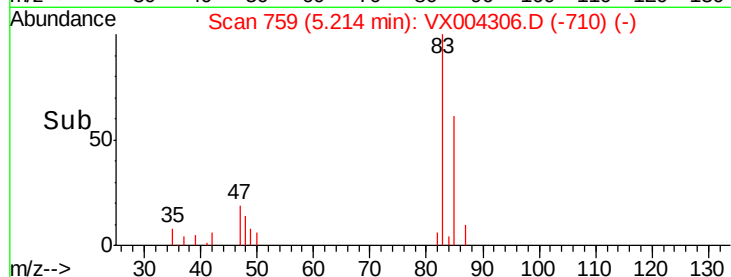
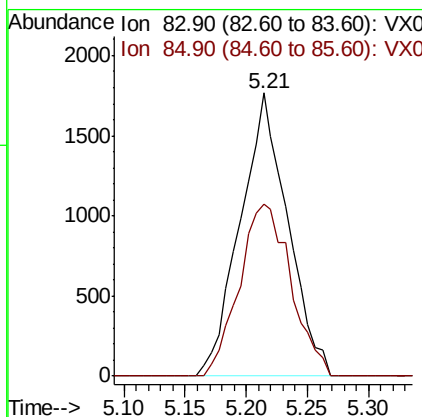
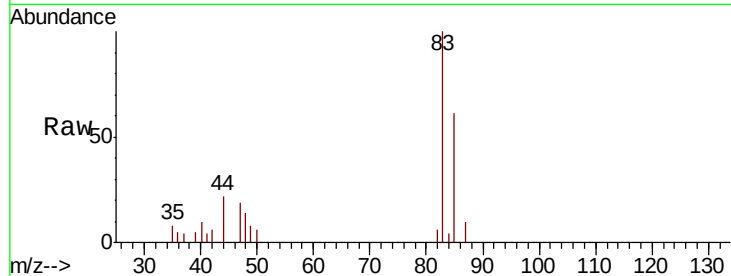




#30
Chloroform
Concen: 0.89 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004306.D
Acq: 29 Aug 2018 22:04

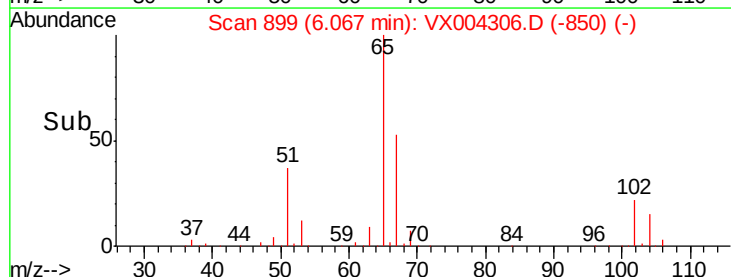
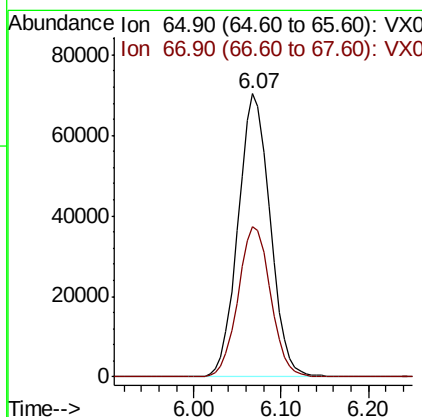
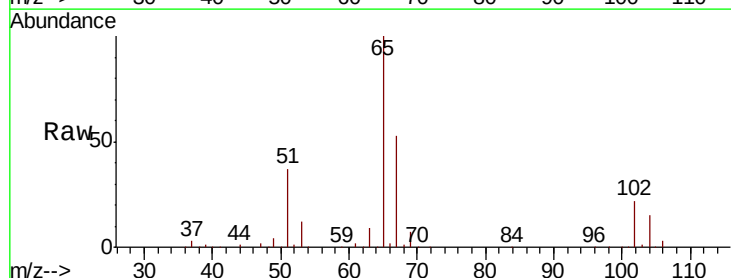
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(1)

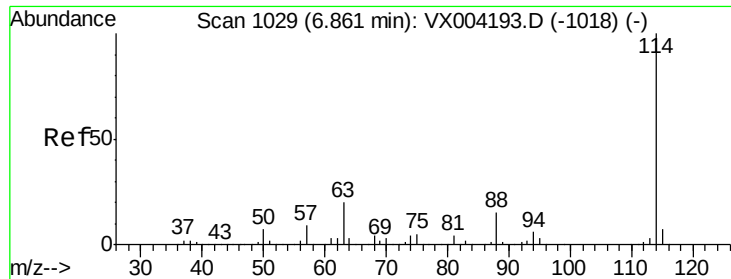
Tot Ion: 83 Resp: 4771
Ion Ratio Lower Upper
83 100
85 60.6 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 54.39 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004306.D
Acq: 29 Aug 2018 22:04

Tgt Ion: 65 Resp: 179497
Ion Ratio Lower Upper
65 100
67 53.9 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: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

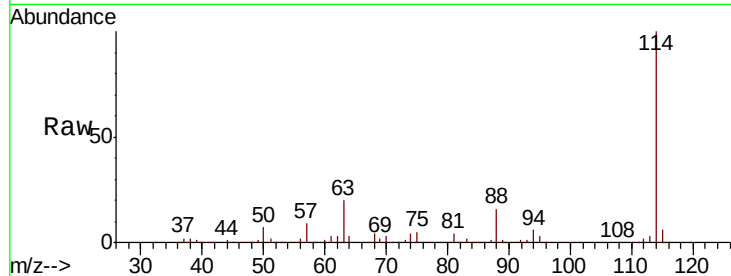
Tot Ion:114 Resp: 407644

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

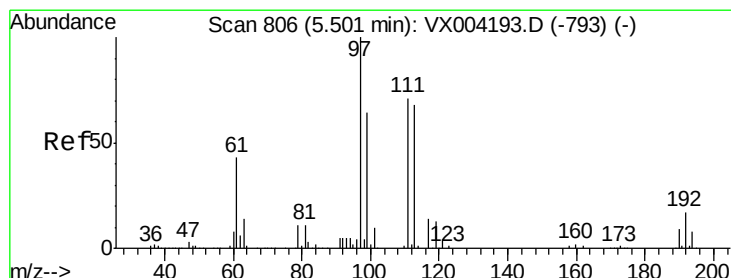
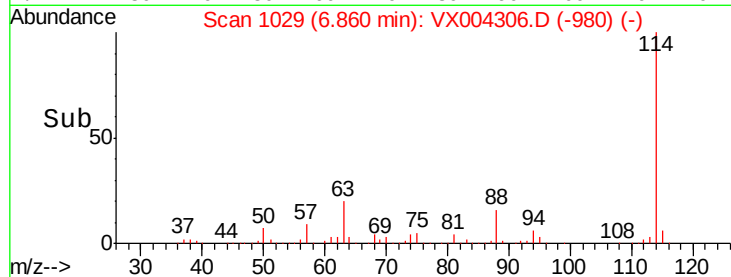
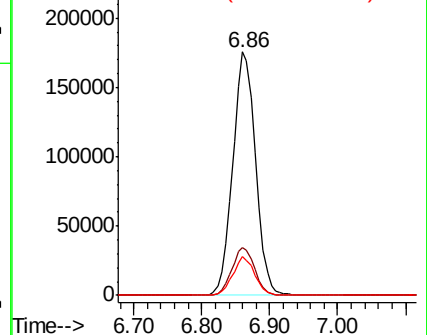
88 15.8 0.0 30.4



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: 52.45 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

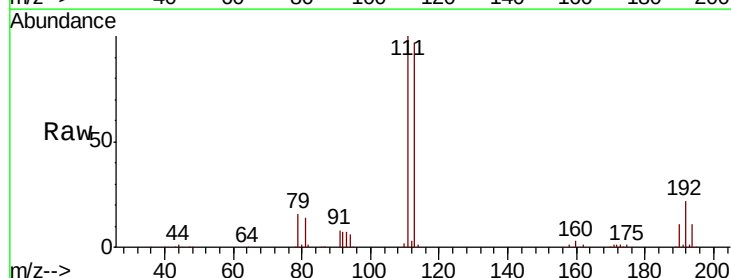
Tgt Ion:113 Resp: 159075

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

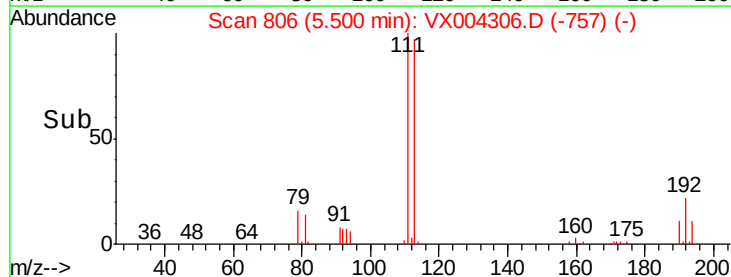
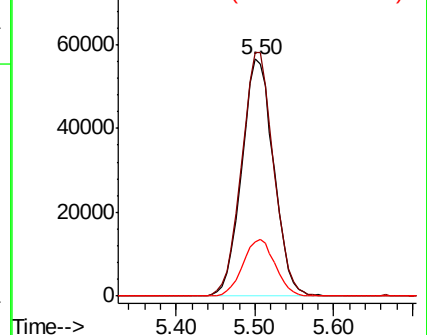
192 24.1 19.4 29.2

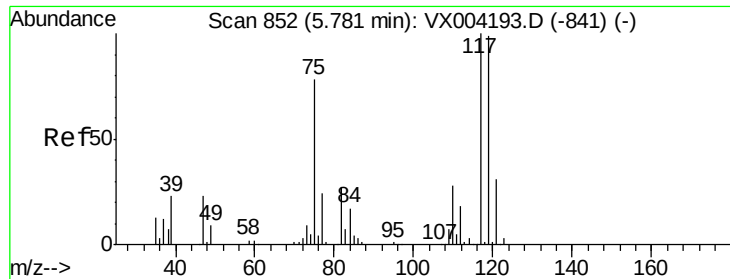


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

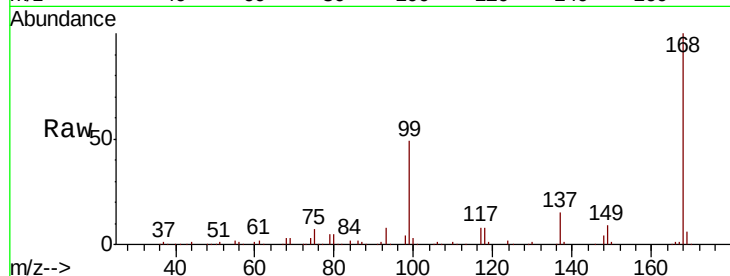




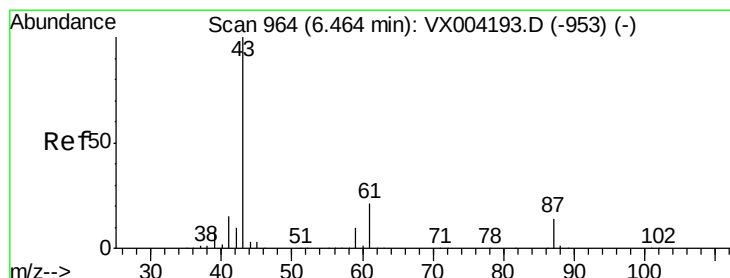
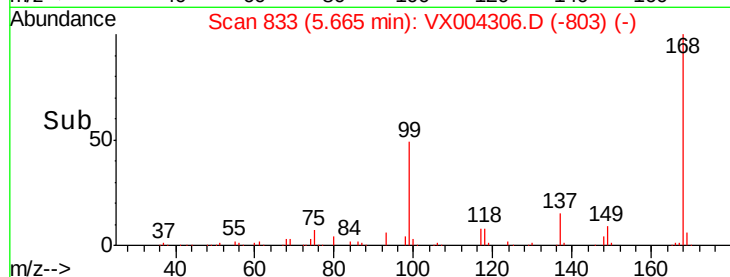
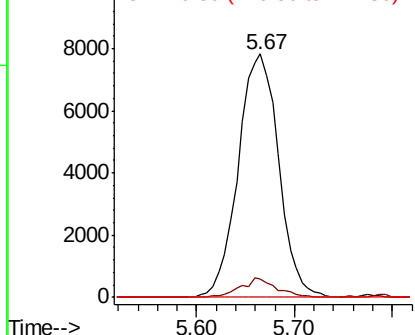
#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004306.D
Acq: 29 Aug 2018 22:04

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(1)

Tot Ion:117 Resp: 22405
Ion Ratio Lower Upper
117 100
119 7.4 78.8 118.2#
121 0.0 24.9 37.3#

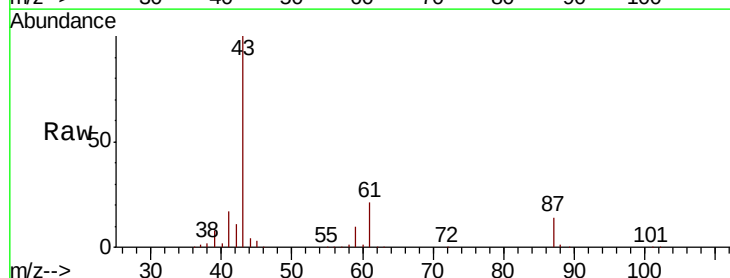


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

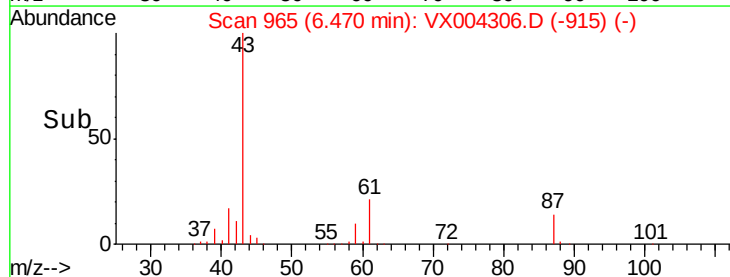
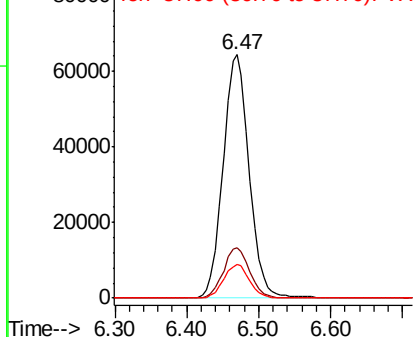


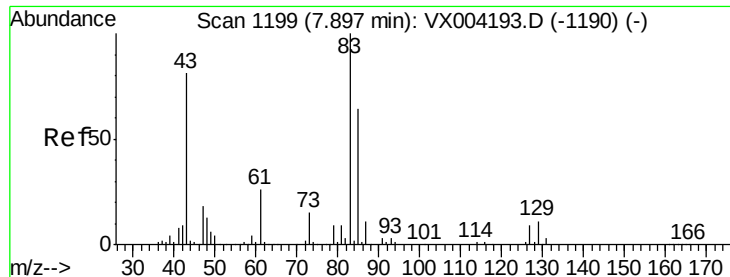
#43
Isopropyl Acetate
Concen: 23.36 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.01 min
Lab File: VX004306.D
Acq: 29 Aug 2018 22:04

Tgt Ion: 43 Resp: 161774
Ion Ratio Lower Upper
43 100
61 20.9 17.0 25.4
87 13.8 11.4 17.2



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





#47

Bromodichloromethane

Concen: 0.26 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

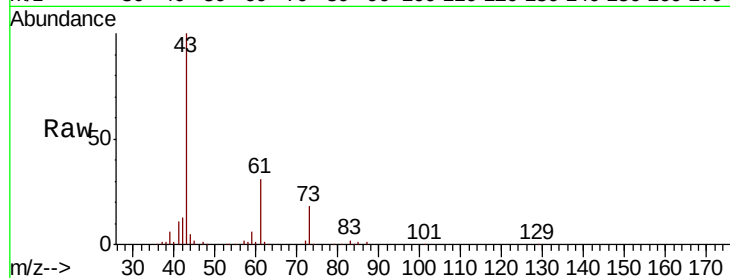
Tot Ion: 83 Resp: 1099

Ion Ratio Lower Upper

83 100

85 53.3 50.9 76.3

127 0.0 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): VX0

7.90

600

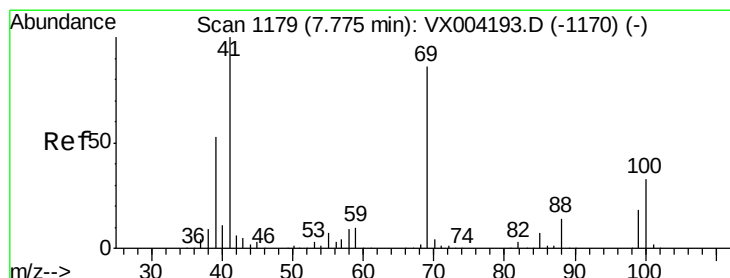
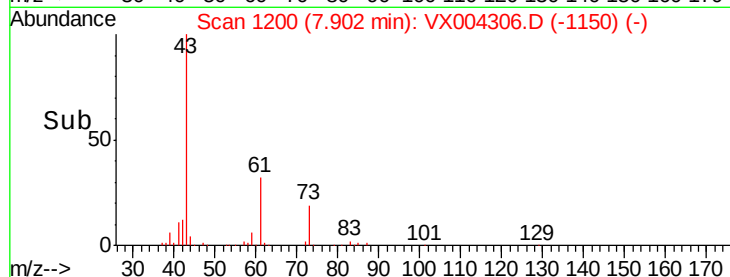
400

200

0

7.85 7.90 7.95

Time-->



#48

Methyl methacrylate

Concen: 2.11 ug/l

RT: 7.69 min Scan# 1165

Delta R.T. -0.09 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

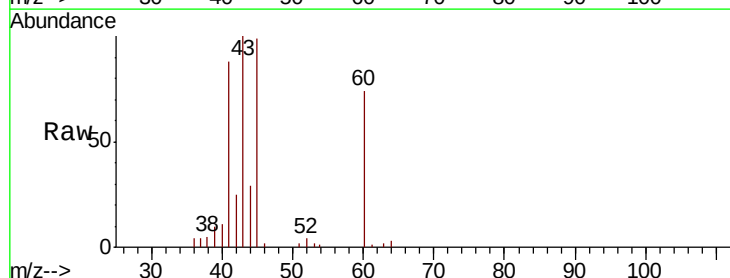
Tgt Ion: 41 Resp: 7836

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

39 12.3 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

7.69

5000

4000

3000

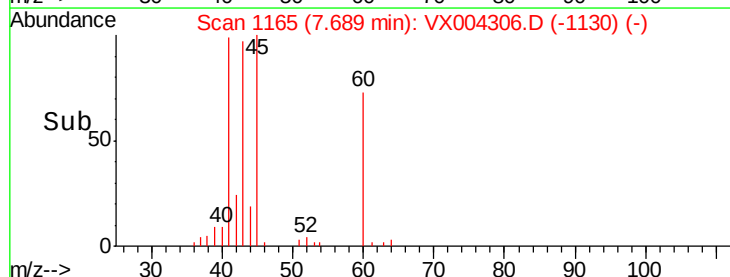
2000

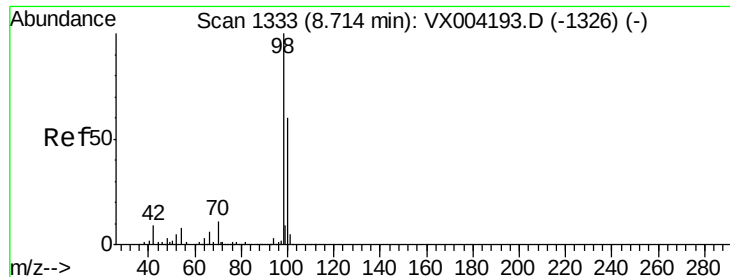
1000

0

7.60 7.65 7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 51.13 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

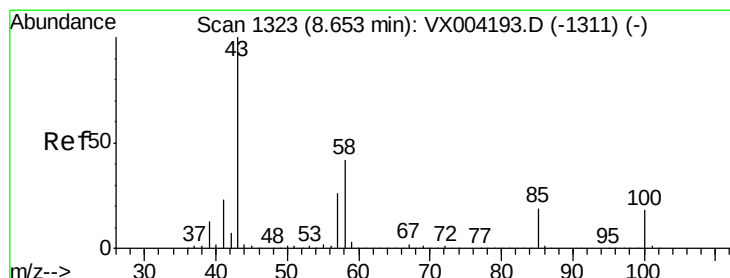
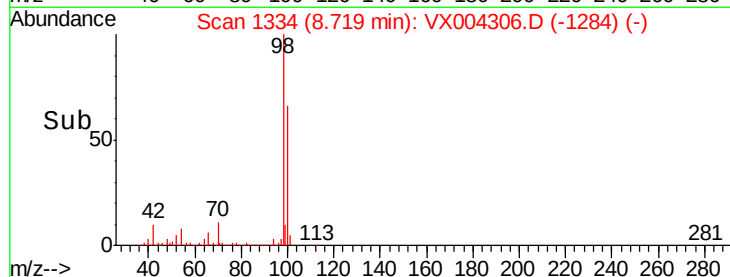
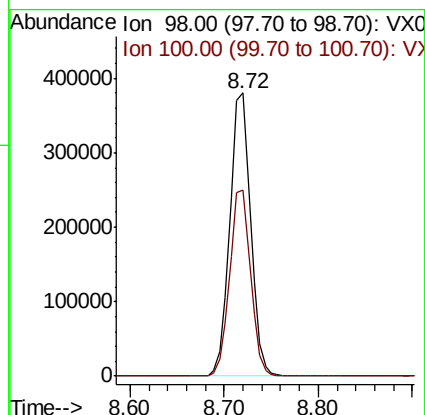
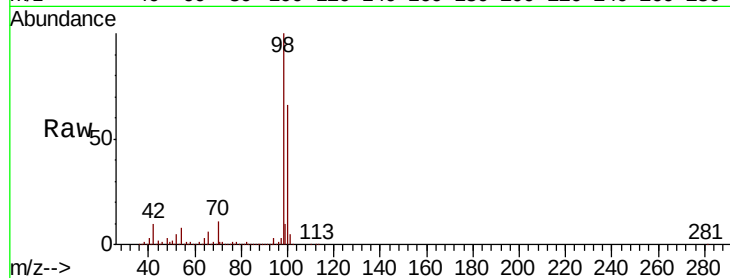
CB-0818-S-TCLP-GRID-42(1)

Tot Ion: 98 Resp: 585316

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.85 ug/l

RT: 8.62 min Scan# 1318

Delta R.T. -0.03 min

Lab File: VX004306.D

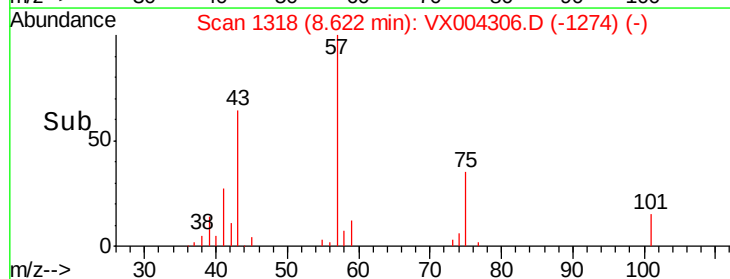
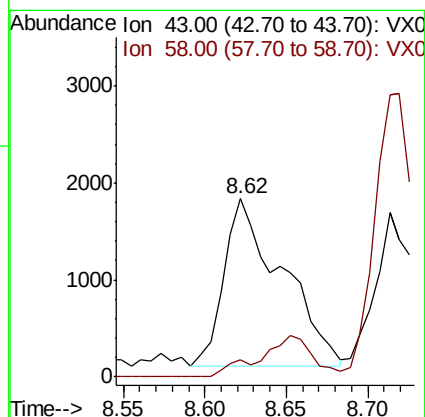
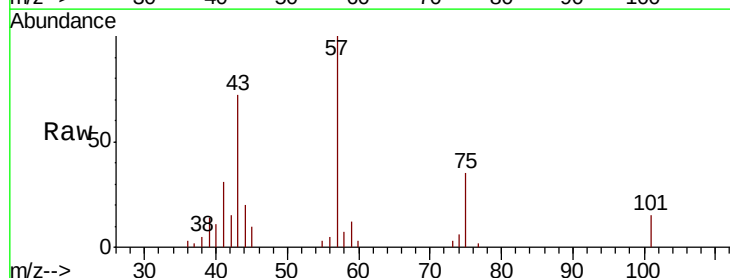
Acq: 29 Aug 2018 22:04

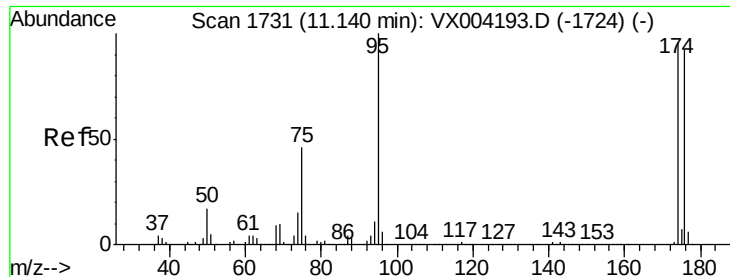
Tgt Ion: 43 Resp: 4262

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#





#62

4-Bromofluorobenzene

Concen: 46.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

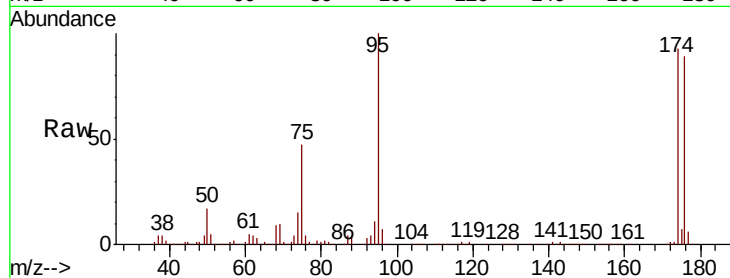
Tot Ion: 95 Resp: 199988

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

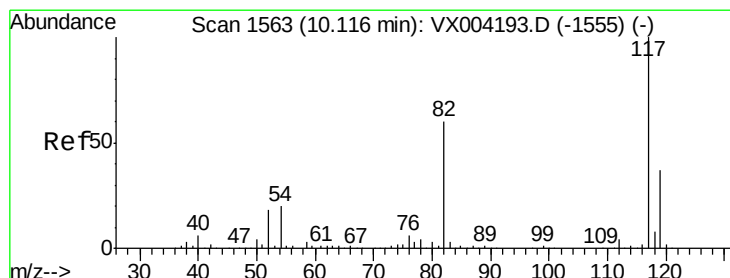
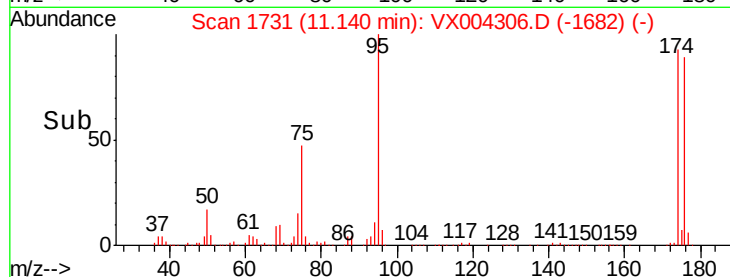
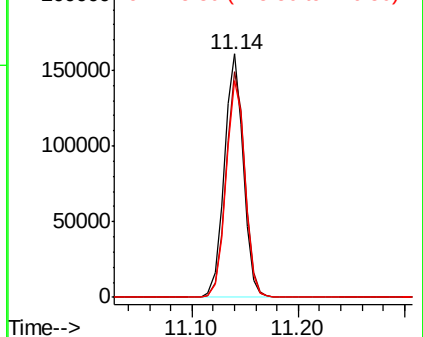
176 89.7 0.0 178.6



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

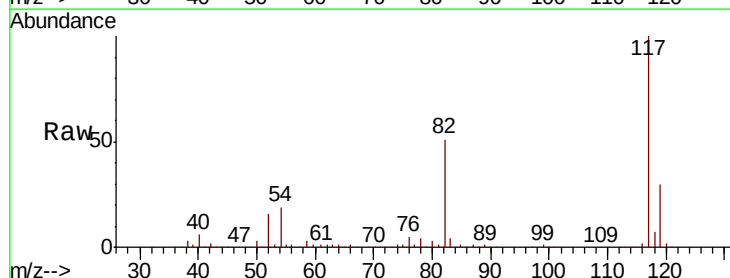
Tgt Ion: 117 Resp: 380404

Ion Ratio Lower Upper

117 100

82 51.4 47.8 71.6

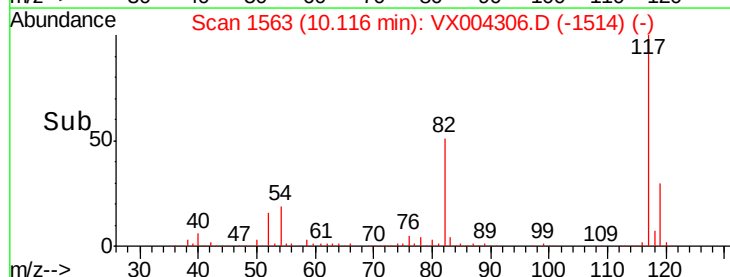
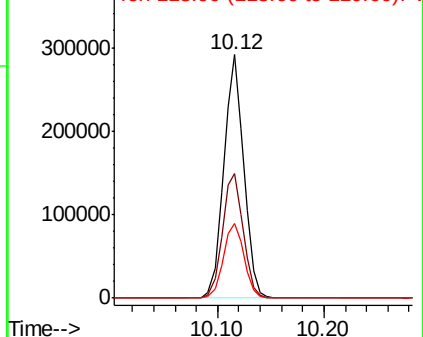
119 30.5 29.3 43.9

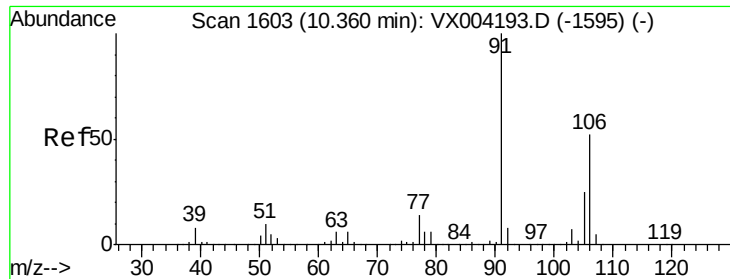


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xylenes

Concen: 0.22 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

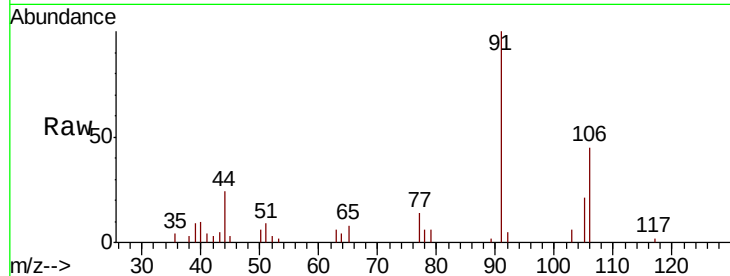
CB-0818-S-TCLP-GRID-42(1)

Tot Ion:106 Resp: 1314

Ion Ratio Lower Upper

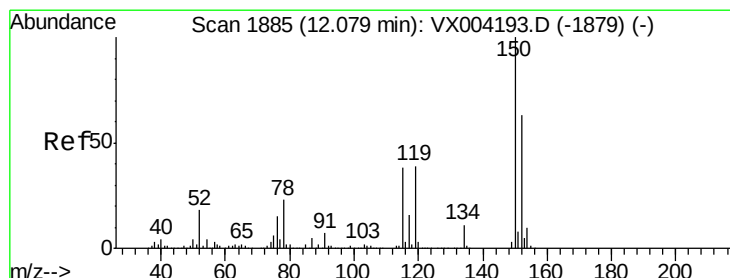
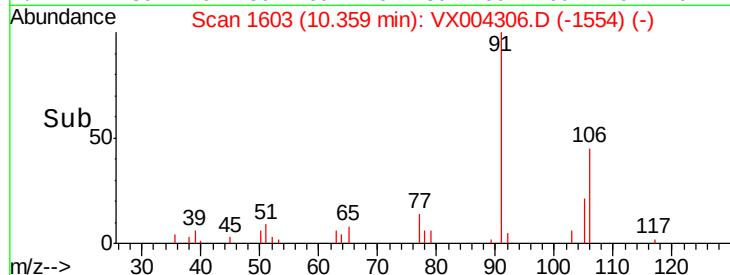
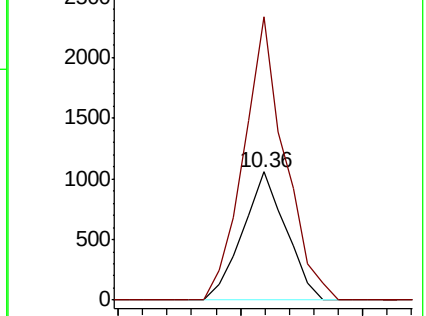
106 100

91 208.5 157.1 235.7



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: VX004306.D

Acq: 29 Aug 2018 22:04

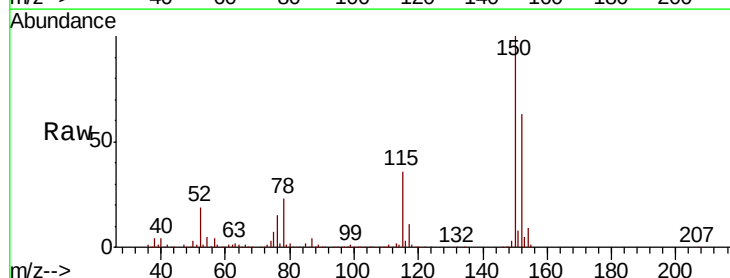
Tgt Ion:152 Resp: 201638

Ion Ratio Lower Upper

152 100

115 55.1 39.0 117.0

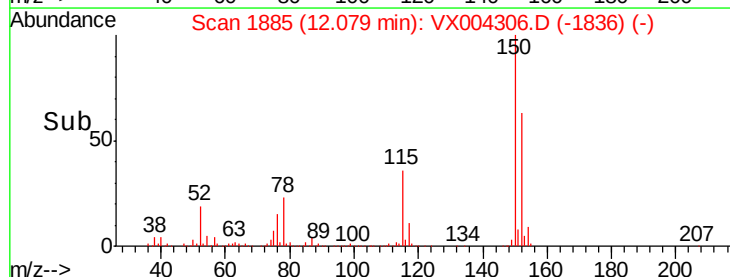
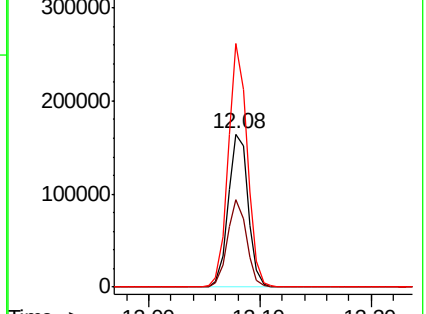
150 152.9 0.0 351.0

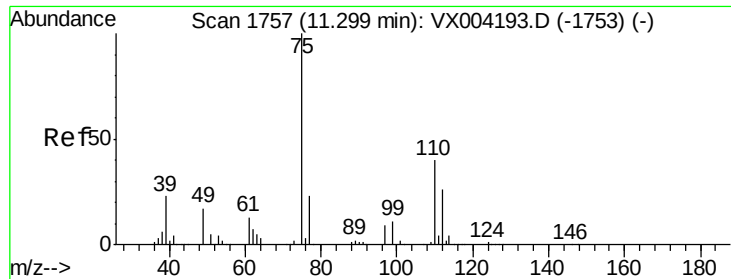


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

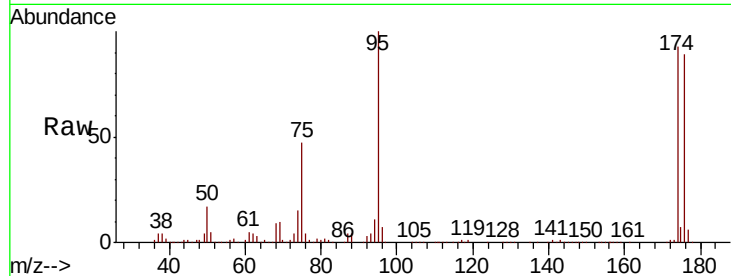
CB-0818-S-TCLP-GRID-42(1)

Tot Ion: 75 Resp: 94174

Ion Ratio Lower Upper

75 100

77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

60000

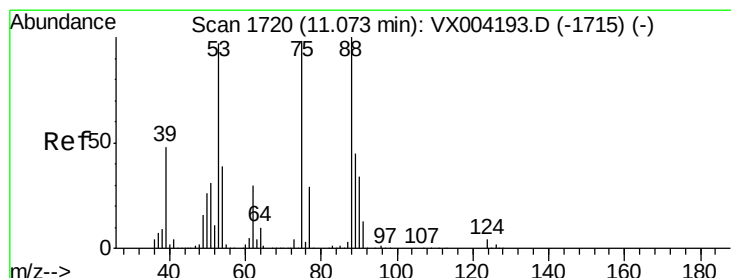
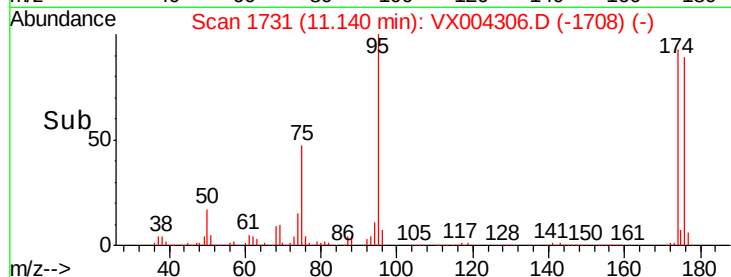
40000

20000

0

11.10 11.20

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 74.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.07 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

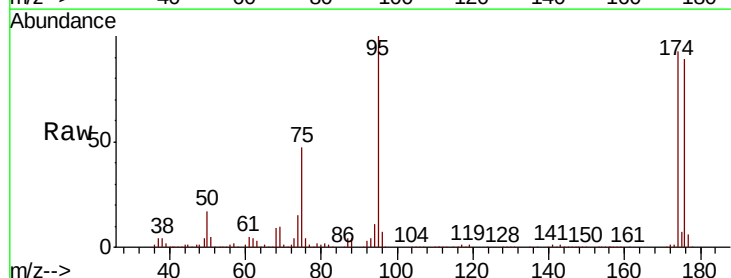
Tgt Ion: 75 Resp: 94174

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

60000

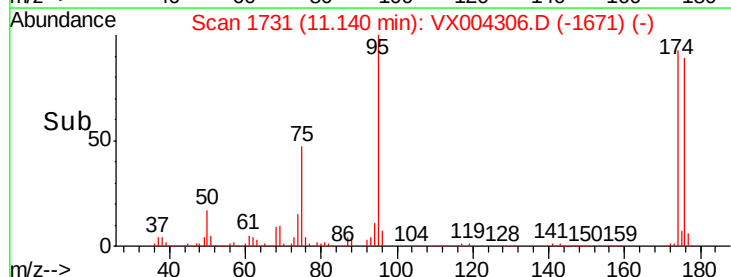
40000

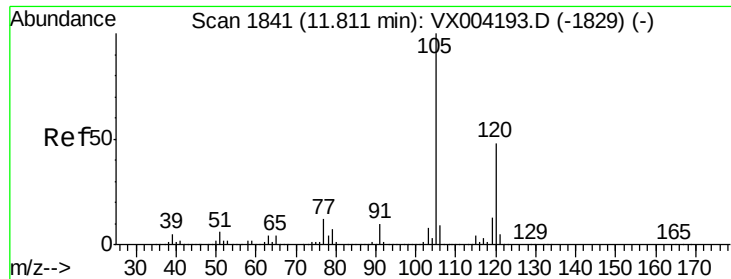
20000

0

11.10 11.20

Time-->

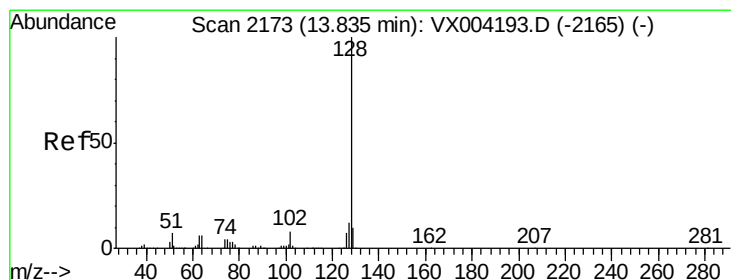
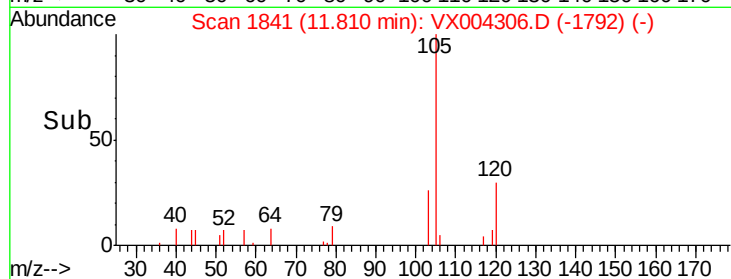
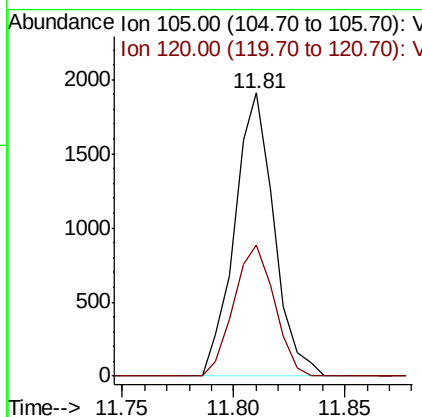
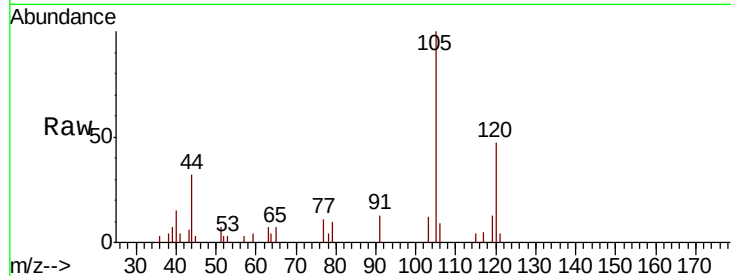




#84
 1,2,4-Trimethylbenzene
 Concen: 0.21 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004306.D
 Acq: 29 Aug 2018 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

Tot Ion:105 Resp: 2355
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.2 69.6



#95
 Naphthalene
 Concen: 0.62 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: VX004306.D
 Acq: 29 Aug 2018 22:04

Tgt Ion:128 Resp: 8133
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.2 15.2
 129 11.5 8.6 12.8

