

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004307.D
 Acq On : 29 Aug 2018 22:31
 Operator : JC/MD
 Sample : J4677-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

Quant Time: Aug 30 02:13:36 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	262128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	419227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210240	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188633	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	5.50	113	166787	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
50) Toluene-d8	8.71	98	602028	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.14	95	210248	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds				Qvalue		
3) Chloromethane	1.32	50	1182	0.64	ug/l	91
5) Bromomethane	1.64	94	1030	Below	Cal	88
6) Chloroethane	1.58	64	5459	2.94	ug/l #	62
9) 1,1,2-Trichlorotrifluoroet	2.38	101	678	0.23	ug/l	96
10) Methyl Iodide	2.51	142	1142	4.58	ug/l #	95
11) Tert butyl alcohol	3.09	59	679	0.93	ug/l #	72
13) Acrolein	2.28	56	99	0.56	ug/l #	1
15) Acrylonitrile	3.14	53	708	0.39	ug/l #	86
16) Acetone	2.45	43	23811	9.30	ug/l	98
17) Carbon Disulfide	2.57	76	2245	1.08	ug/l	97
18) Methyl Acetate	2.78	43	6776	1.34	ug/l	95
20) Methylene Chloride	2.86	84	26404	8.03	ug/l	98
25) 2-Butanone	4.71	43	3343	Below	Cal #	81
29) Tetrahydrofuran	5.17	42	1179	0.80	ug/l #	65
30) Chloroform	5.21	83	3882	0.70	ug/l	91
38) Carbon Tetrachloride	5.67	117	23112	5.21	ug/l #	16
39) Methylcyclohexane	7.46	83	1809	0.34	ug/l #	82
40) Benzene	6.15	78	9576	0.68	ug/l	96
43) Isopropyl Acetate	6.46	43	78104	10.97	ug/l	99
48) Methyl methacrylate	7.69	41	3302	0.87	ug/l #	20
51) 4-Methyl-2-Pentanone	8.66	43	3123	0.60	ug/l #	78
52) Toluene	8.79	92	4720	0.54	ug/l	100
64) Tetrachloroethene	9.34	164	1027	0.27	ug/l	92
67) Ethyl Benzene	10.25	91	6853	0.44	ug/l #	88
68) m/p-Xylenes	10.36	106	6852	1.13	ug/l	87
69) o-Xylene	10.70	106	2491	0.43	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	100495	23.50	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	3358	0.29	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.14	75	100495	76.26	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	6824	0.58	ug/l	94
89) n-Butylbenzene	12.39	91	2276	0.23	ug/l #	82
95) Naphthalene	13.83	128	28867	2.10	ug/l	99

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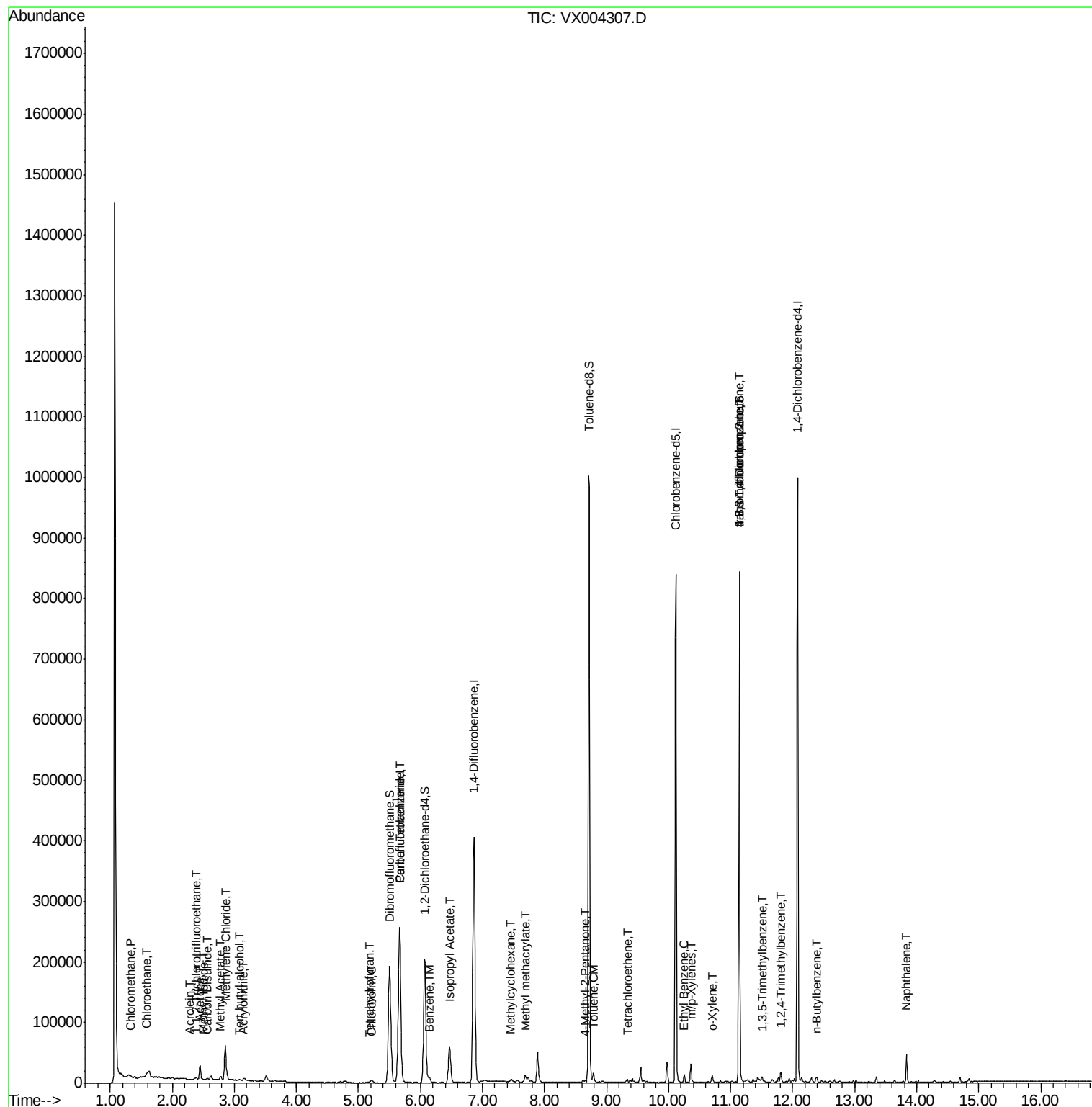
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

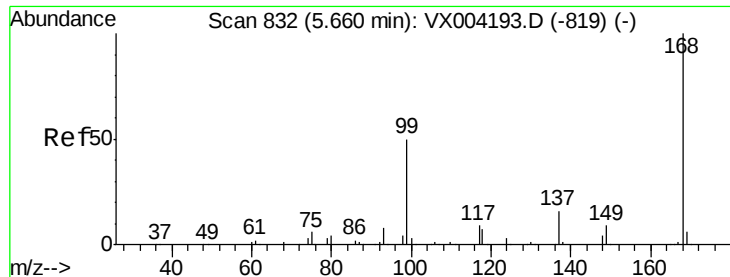
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

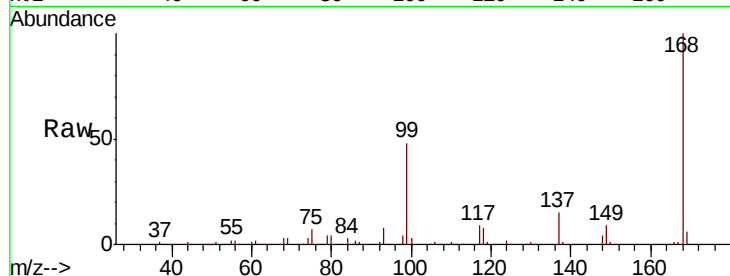
CB-0818-S-TCLP-GRID-42(2)

Tot Ion:168 Resp: 262128

Ion Ratio Lower Upper

168 100

99 48.3 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

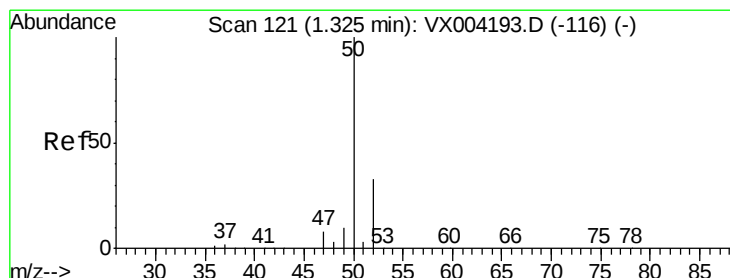
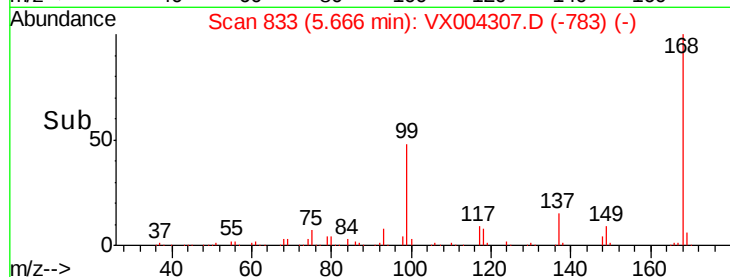
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.64 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004307.D

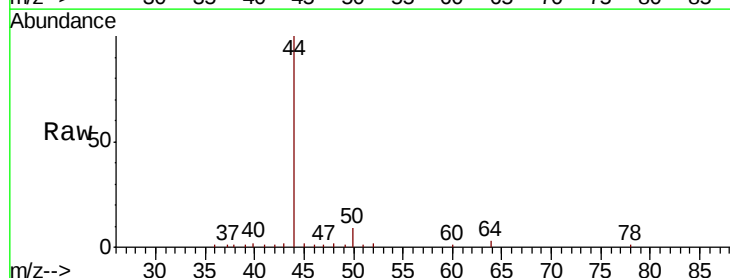
Acq: 29 Aug 2018 22:31

Tgt Ion: 50 Resp: 1182

Ion Ratio Lower Upper

50 100

52 27.6 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

800

600

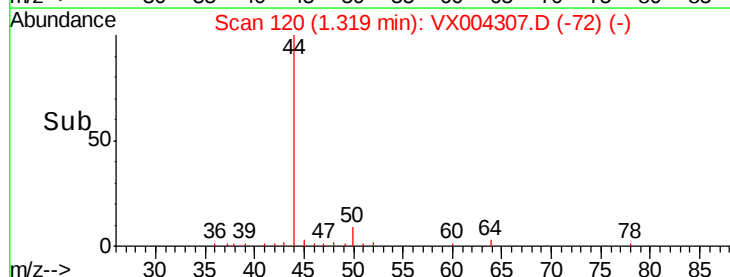
400

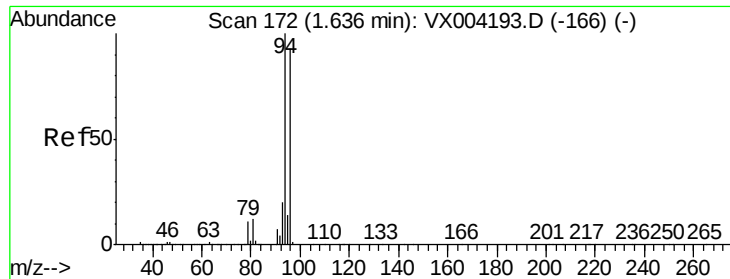
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

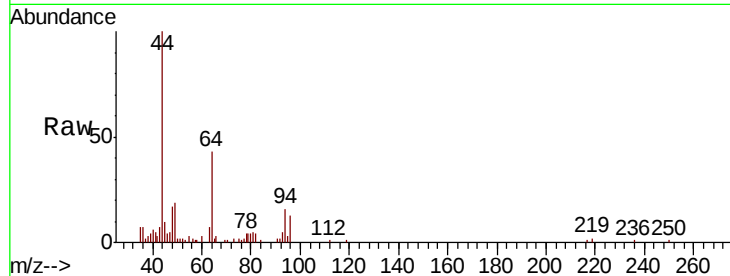
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 94 Resp: 1030

Ion Ratio Lower Upper

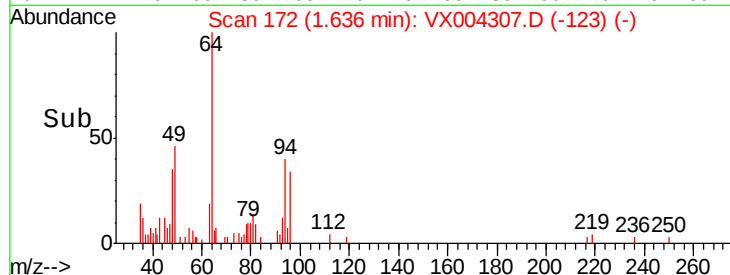
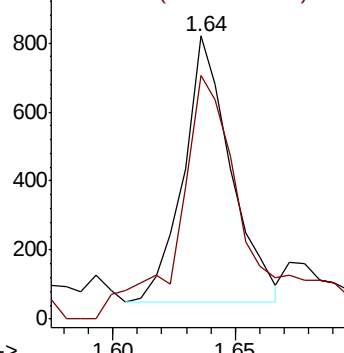
94 100

96 81.3 74.5 111.7

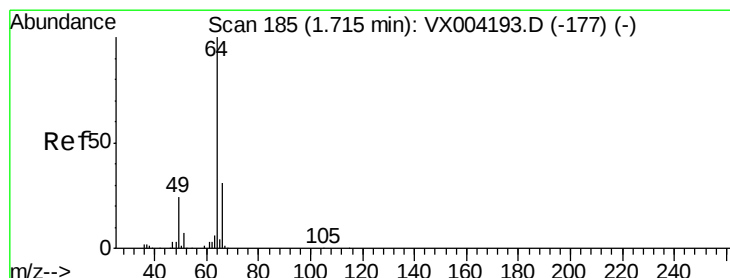


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 2.94 ug/l

RT: 1.58 min Scan# 163

Delta R.T. -0.13 min

Lab File: VX004307.D

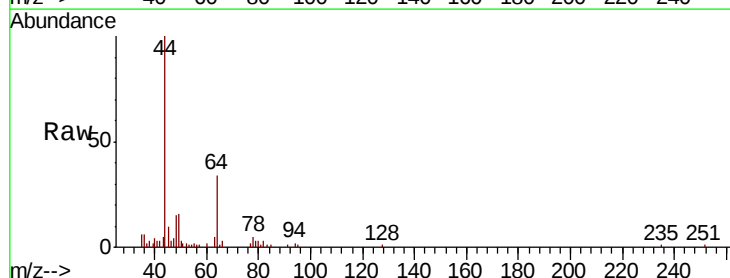
Acq: 29 Aug 2018 22:31

Tgt Ion: 64 Resp: 5459

Ion Ratio Lower Upper

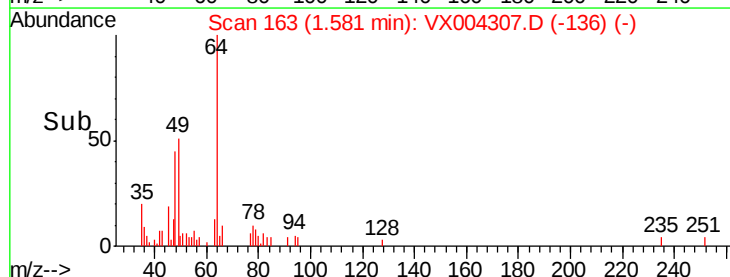
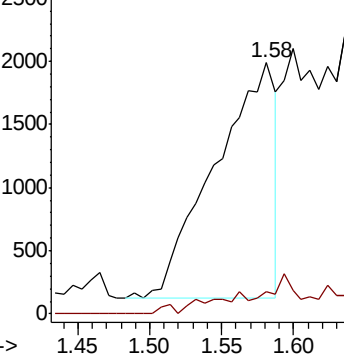
64 100

66 9.7 24.6 36.8#

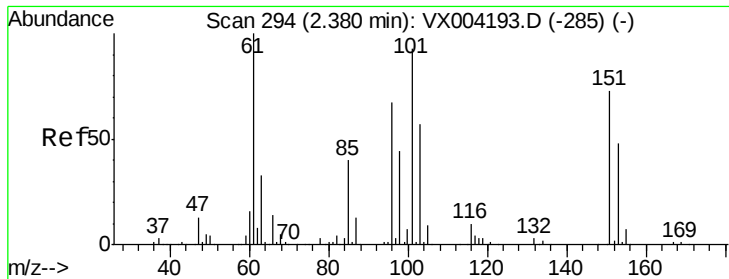


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.23 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

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ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

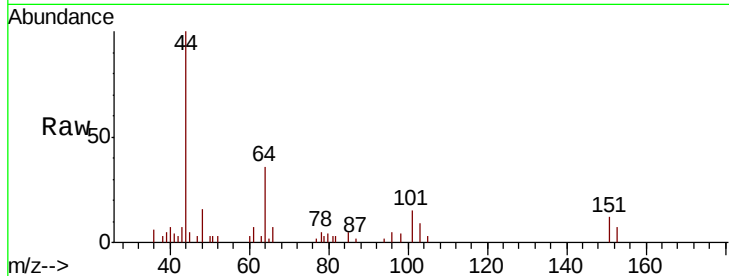
Tot Ion:101 Resp: 678

Ion Ratio Lower Upper

101 100

85 41.6 34.2 51.4

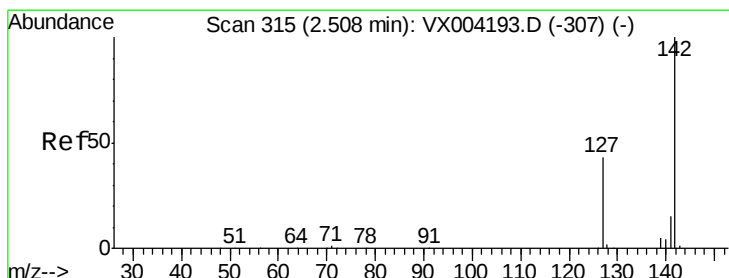
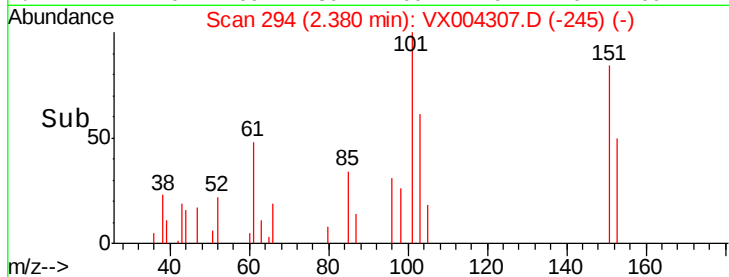
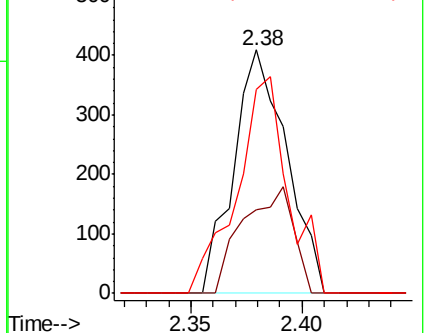
151 86.3 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.58 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

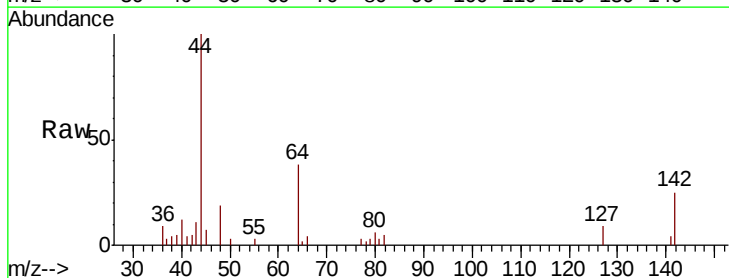
Tgt Ion:142 Resp: 1142

Ion Ratio Lower Upper

142 100

127 39.2 33.8 50.6

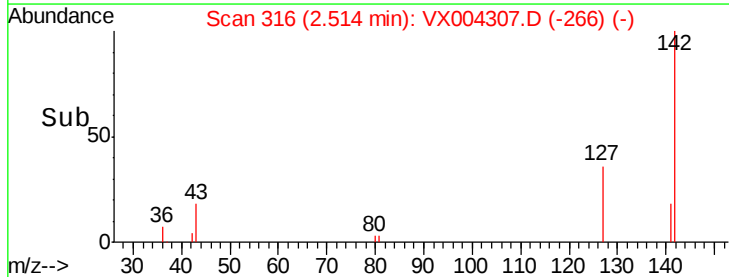
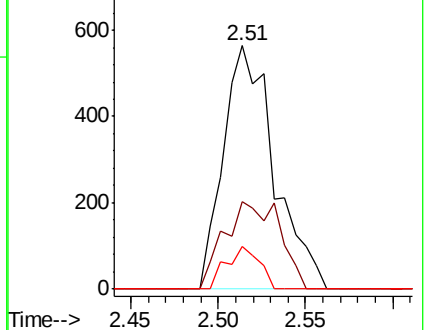
141 11.3 11.4 17.0#

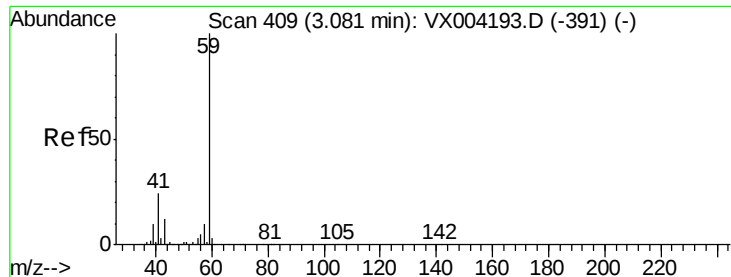


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

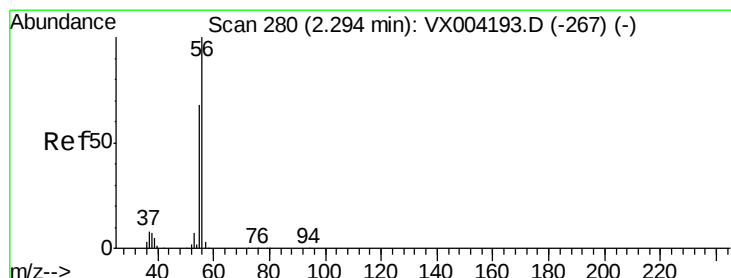
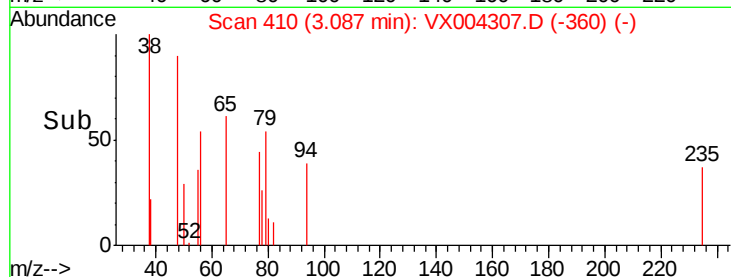
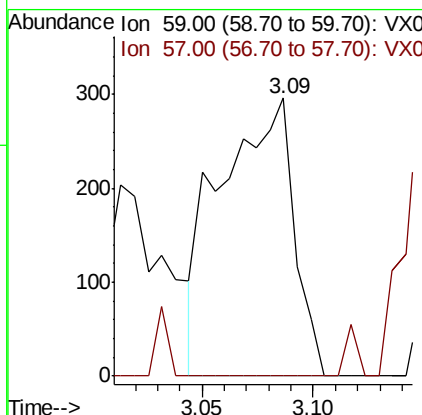
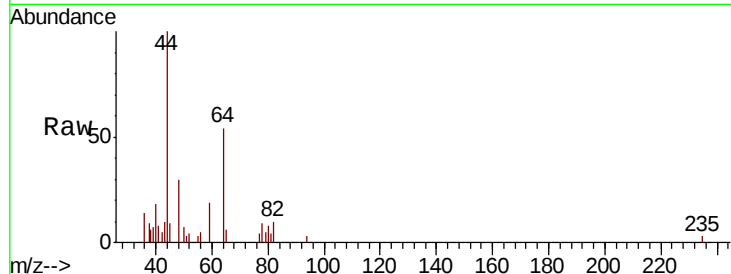




#11
Tert butvl alcohol
Concen: 0.93 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

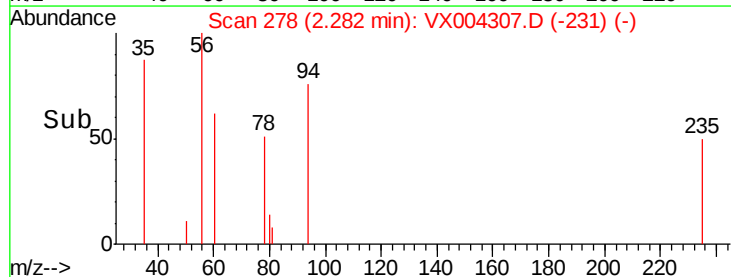
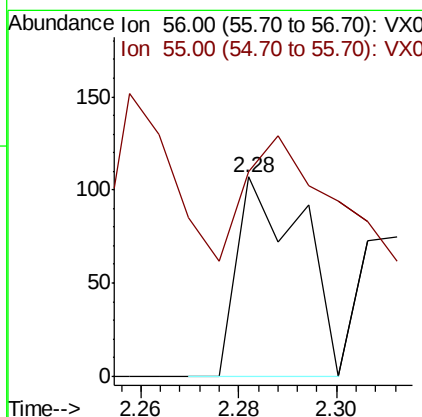
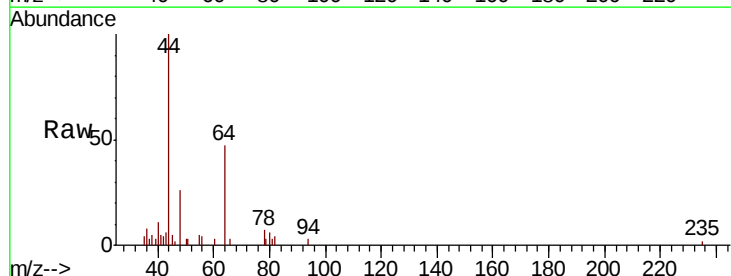
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

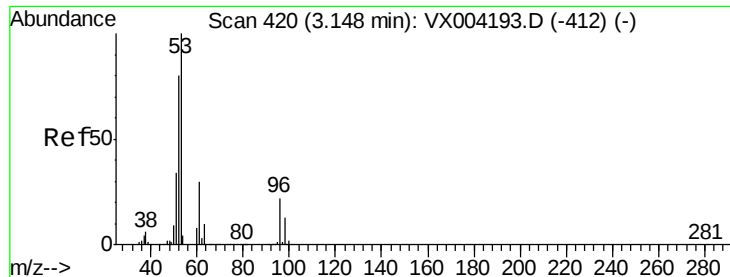
Tot Ion: 59 Resp: 679
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.56 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 214.1 54.7 82.1#





#15

Acrylonitrile

Concen: 0.39 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

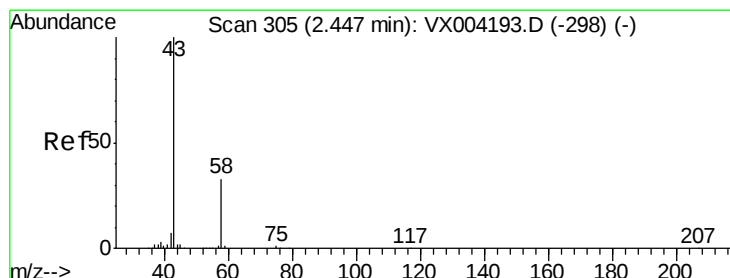
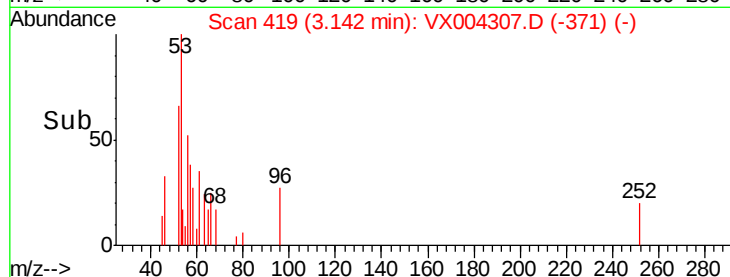
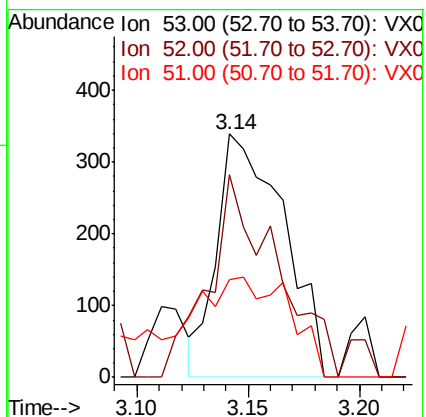
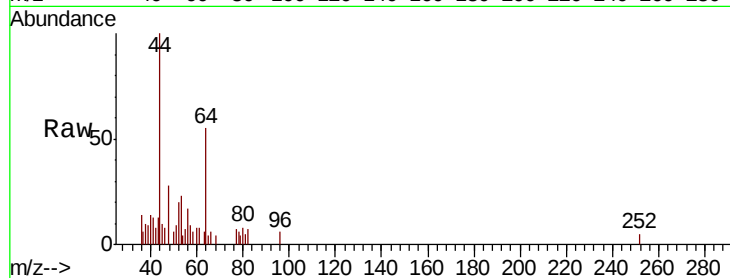
Tot Ion: 53 Resp: 708

Ion Ratio Lower Upper

53 100

52 84.9 65.2 97.8

51 58.1 28.2 42.2#



#16

Acetone

Concen: 9.30 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004307.D

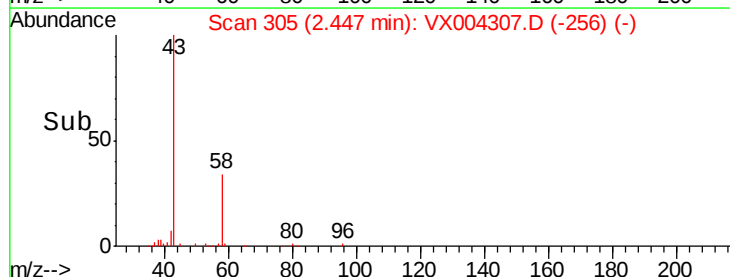
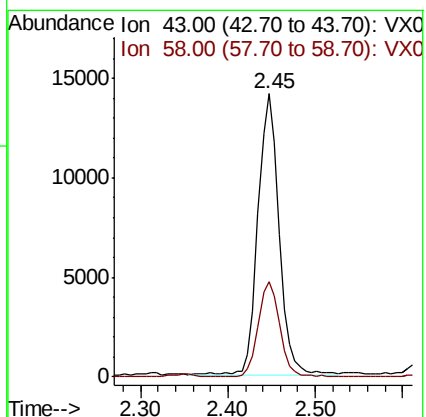
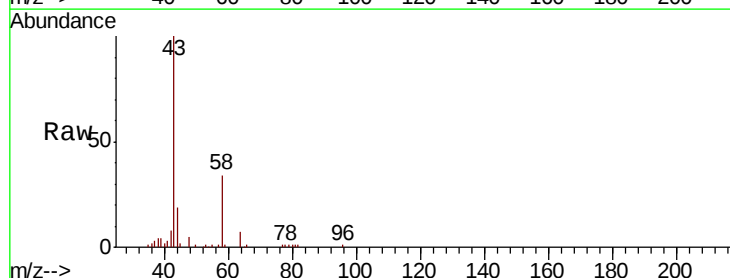
Acq: 29 Aug 2018 22:31

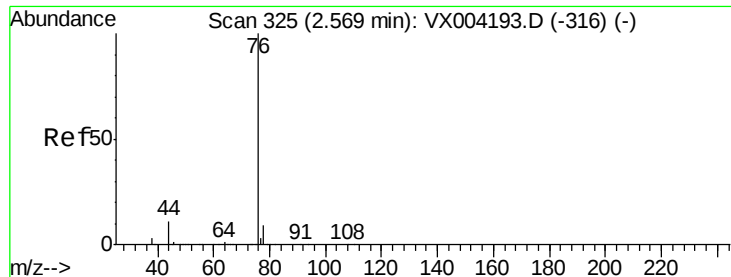
Tgt Ion: 43 Resp: 23811

Ion Ratio Lower Upper

43 100

58 34.1 26.2 39.4





#17

Carbon Disulfide

Concen: 1.08 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

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ClientSampleId :

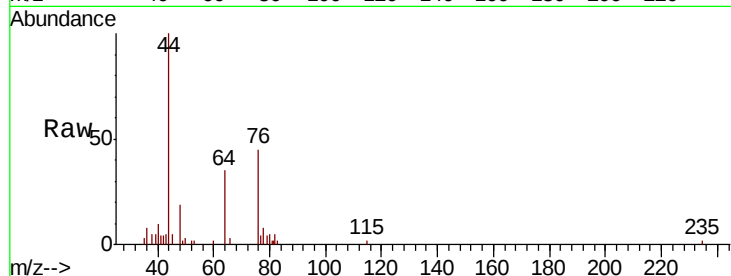
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 76 Resp: 2245

Ion Ratio Lower Upper

76 100

78 7.5 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

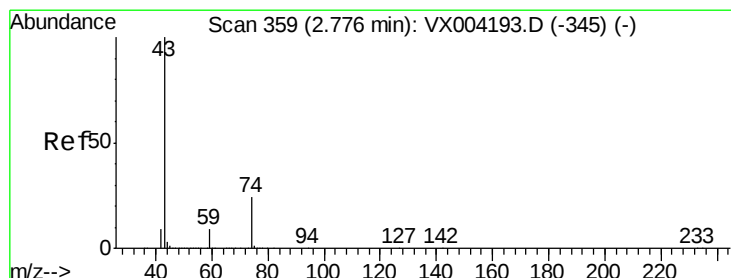
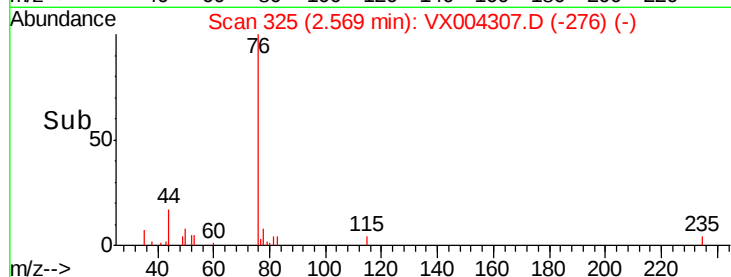
1000

500

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 1.34 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004307.D

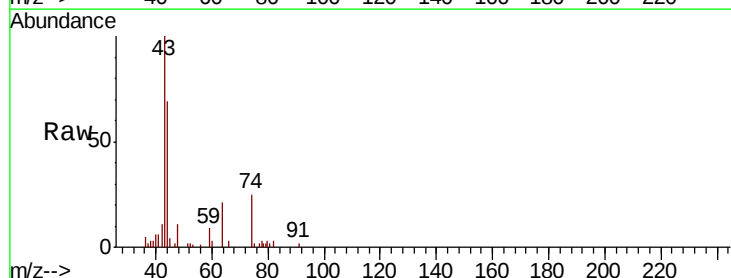
Acq: 29 Aug 2018 22:31

Tgt Ion: 43 Resp: 6776

Ion Ratio Lower Upper

43 100

74 26.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

4000

3000

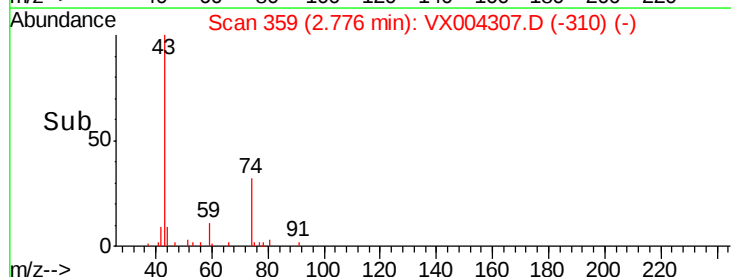
2000

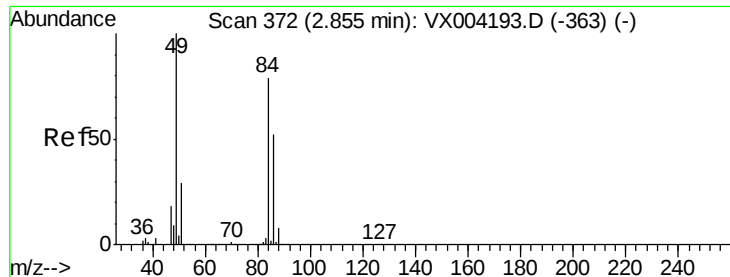
1000

0

Time-->

2.70 2.75 2.80

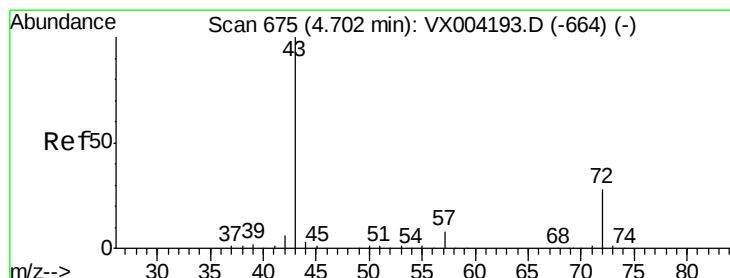
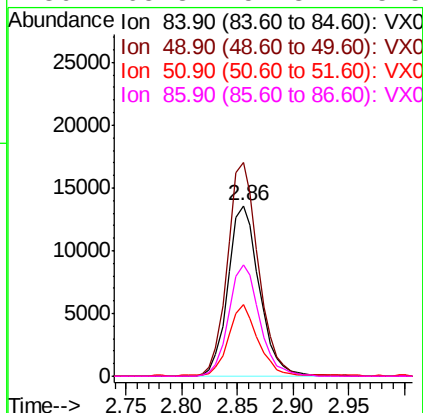
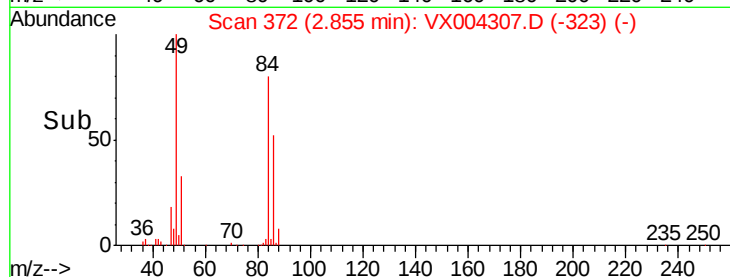
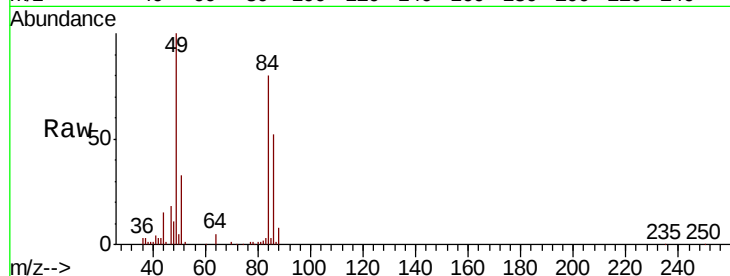




#20
Methvlene Chloride
Concen: 8.03 ua/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

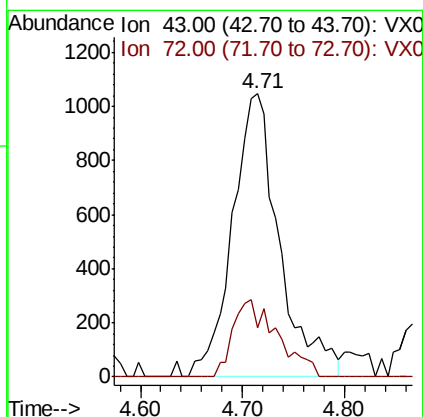
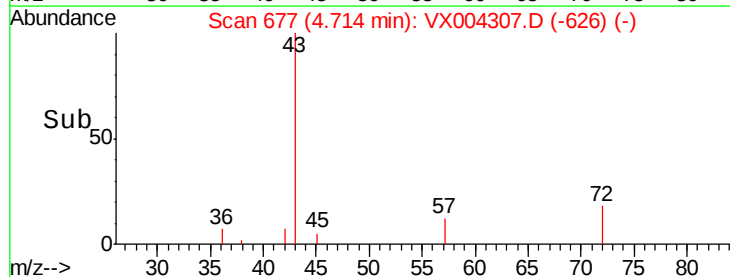
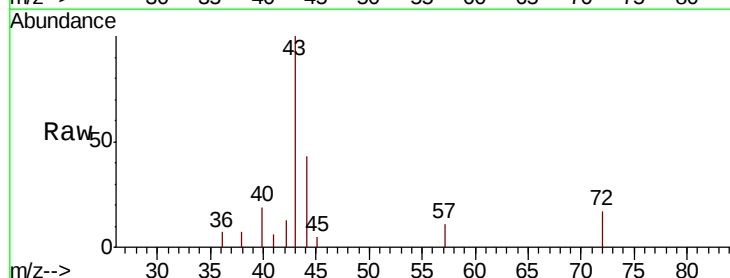
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

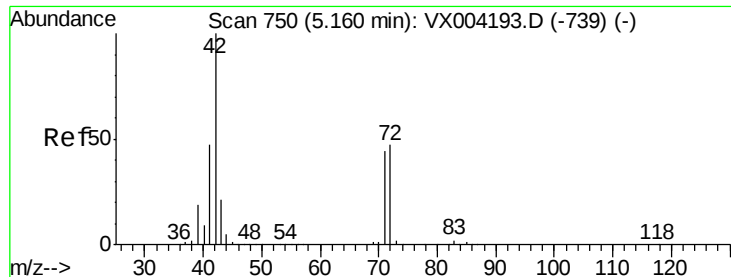
Tot Ion: 84 Resp: 26404
Ion Ratio Lower Upper
84 100
49 125.3 101.2 151.8
51 41.2 29.5 44.3
86 65.3 52.3 78.5



#25
2-Butanone
Concen: Below Cal
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
72 17.4 22.0 33.0#

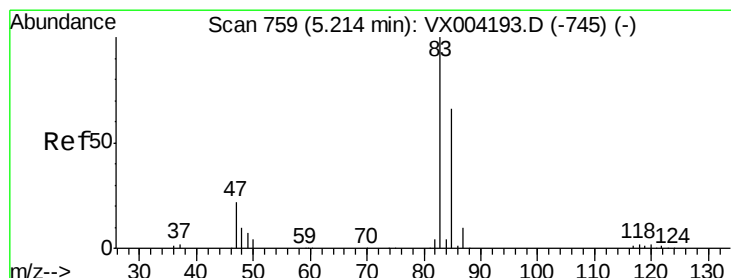
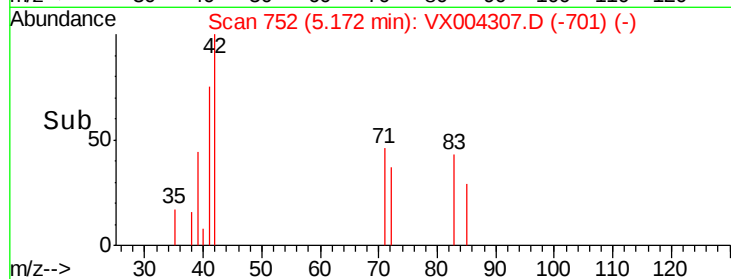
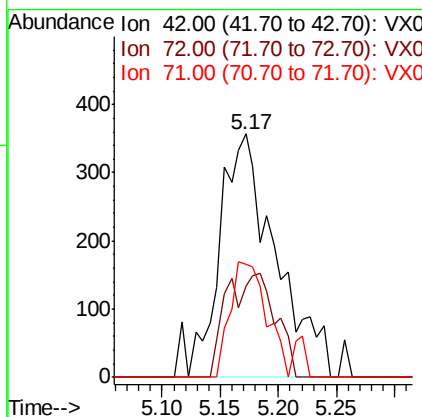
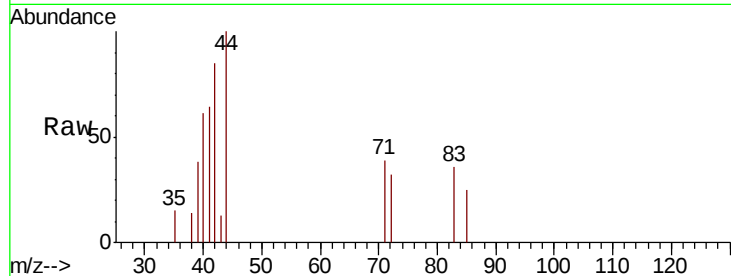




#29
Tetrahydrofuran
Concen: 0.80 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

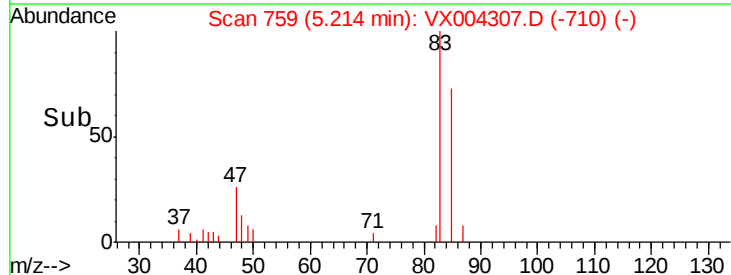
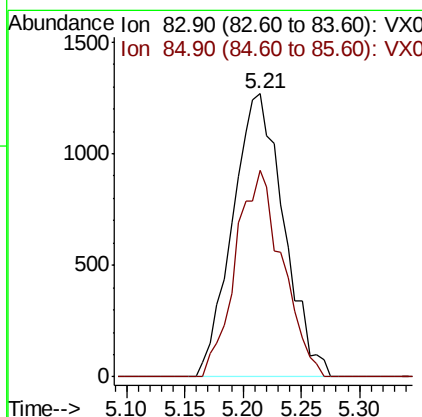
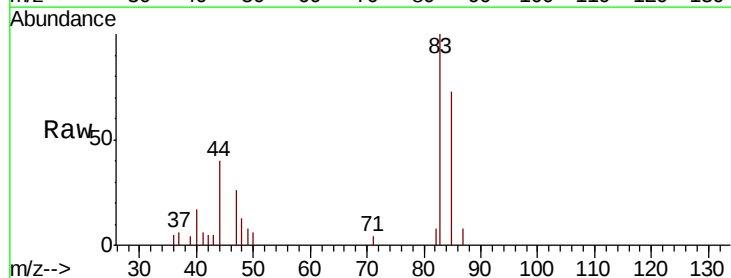
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

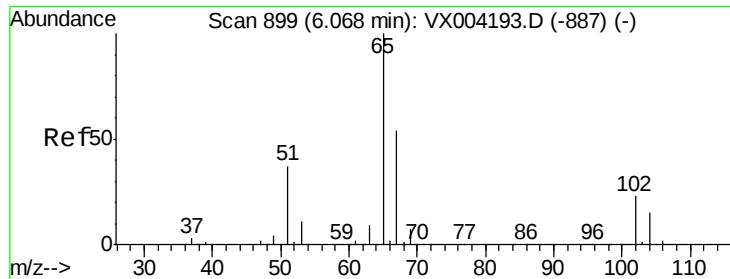
Tot Ion: 42 Resp: 1179
Ion Ratio Lower Upper
42 100
72 13.1 37.4 56.0#
71 31.2 34.5 51.7#



#30
Chloroform
Concen: 0.70 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion: 83 Resp: 3882
Ion Ratio Lower Upper
83 100
85 72.8 52.6 79.0

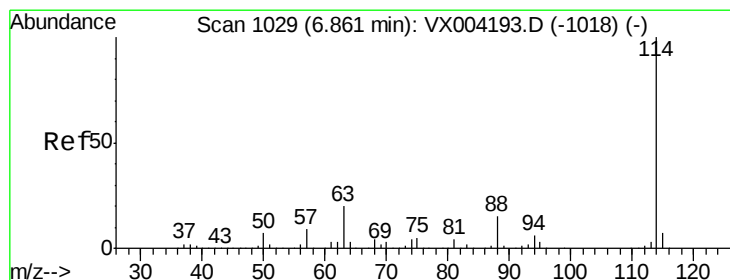
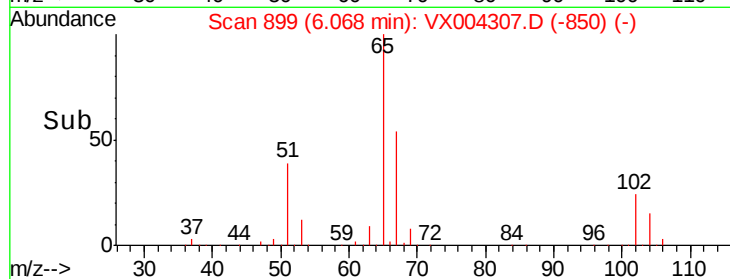
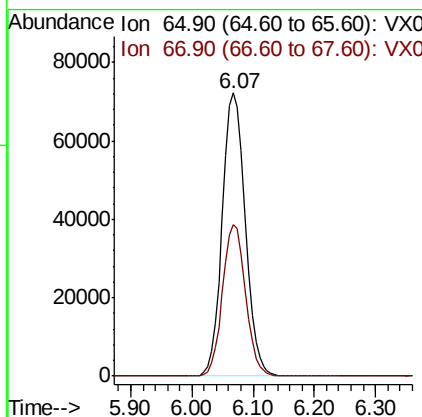
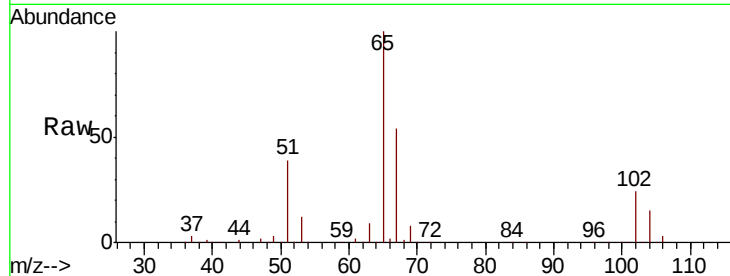




#33
 1,2-Dichloroethane-d4
 Concen: 55.21 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004307.D
 Acq: 29 Aug 2018 22:31

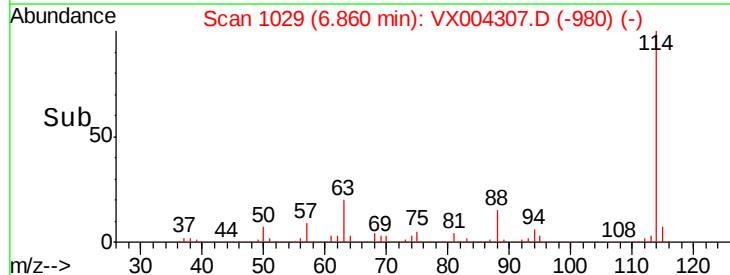
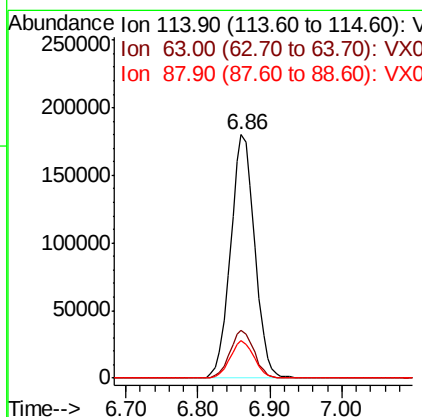
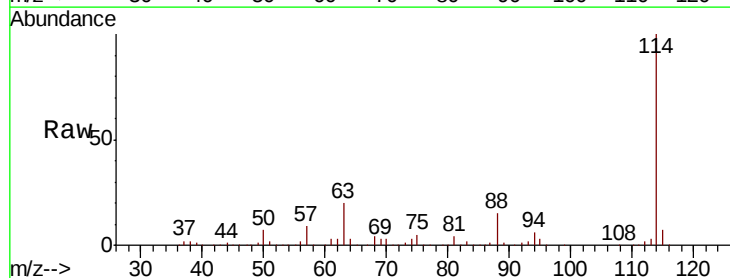
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

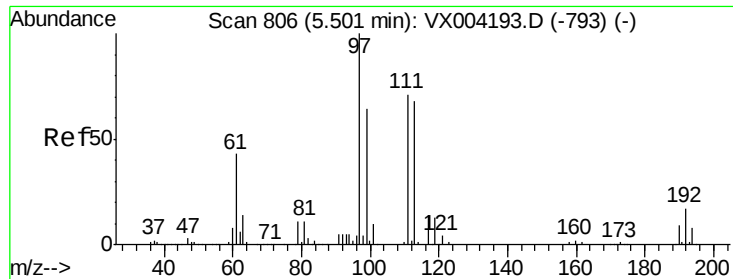
Tot Ion: 65 Resp: 188633
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004307.D
 Acq: 29 Aug 2018 22:31

Tgt Ion: 114 Resp: 419227
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.4 0.0 30.4

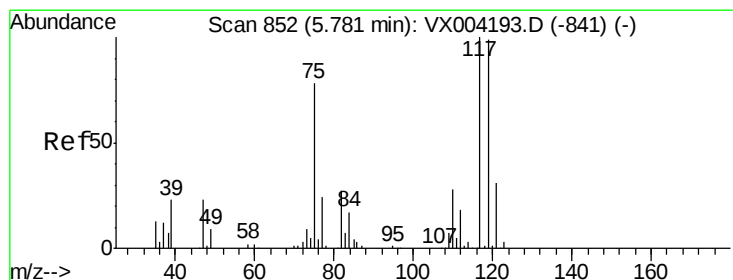
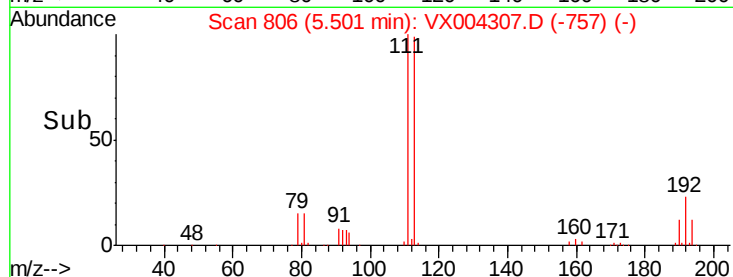
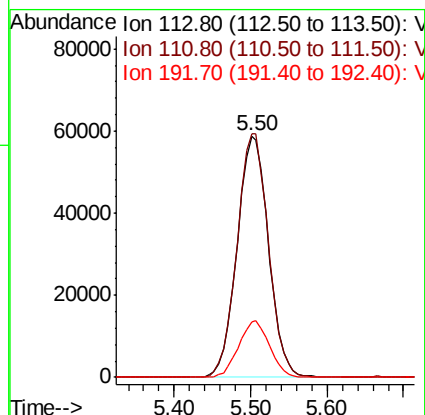
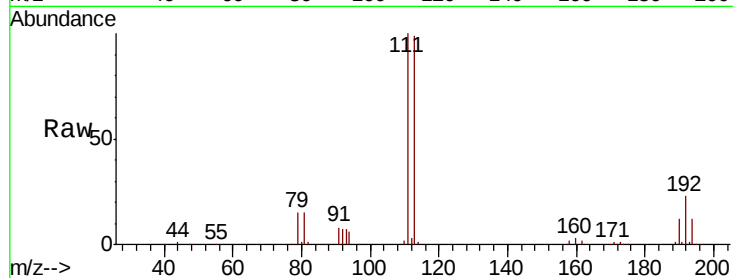




#35
 Dibromofluoromethane
 Concen: 53.48 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004307.D
 Acq: 29 Aug 2018 22:31

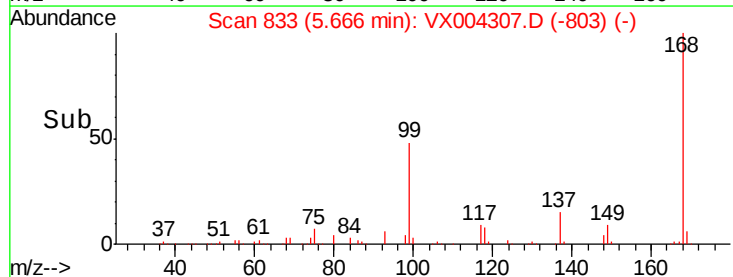
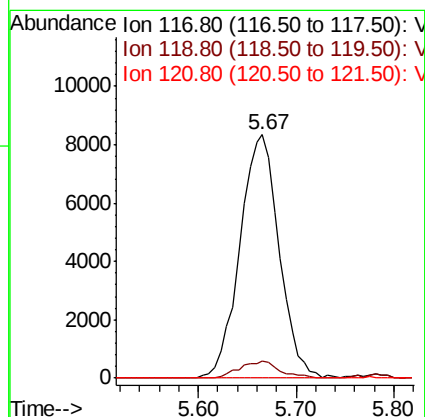
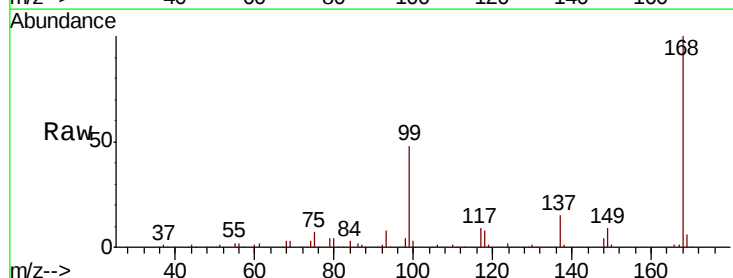
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(2)

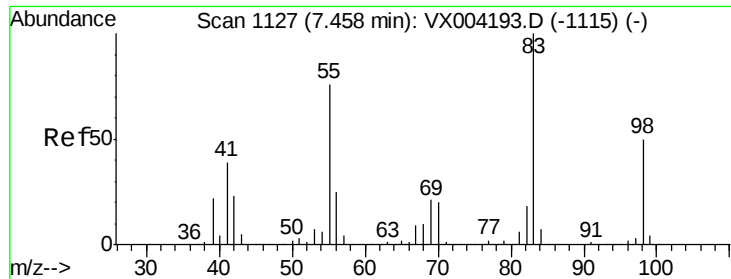
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.4	123.6
192	23.2	19.4	29.2



#38
 Carbon Tetrachloride
 Concen: 5.21 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX004307.D
 Acq: 29 Aug 2018 22:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	78.8	118.2#
121	0.0	24.9	37.3#

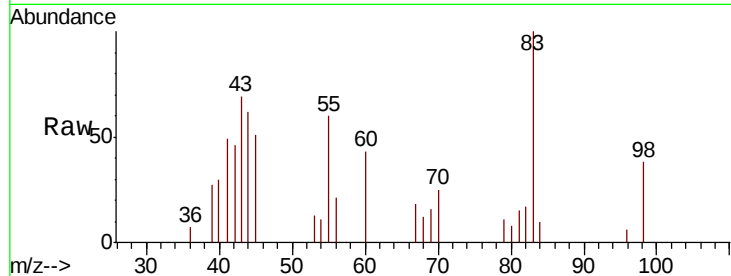




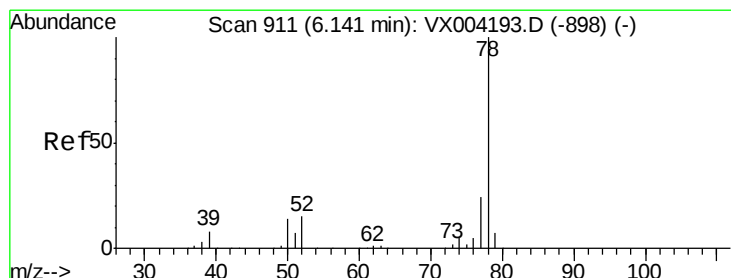
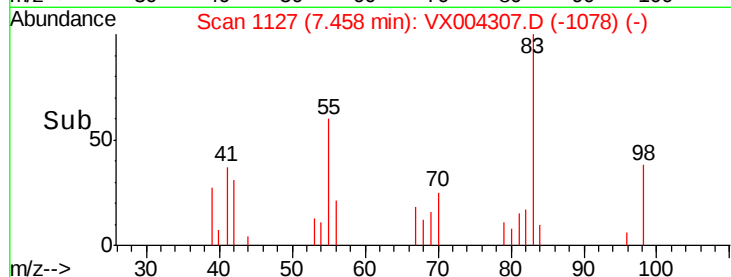
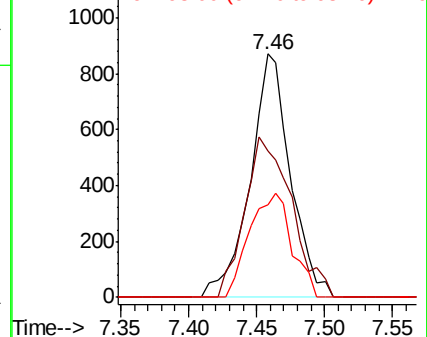
#39
Methvlcvclohexane
Concen: 0.34 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 83 Resp: 1809
Ion Ratio Lower Upper
83 100
55 60.3 61.0 91.4#
98 38.0 39.6 59.4#

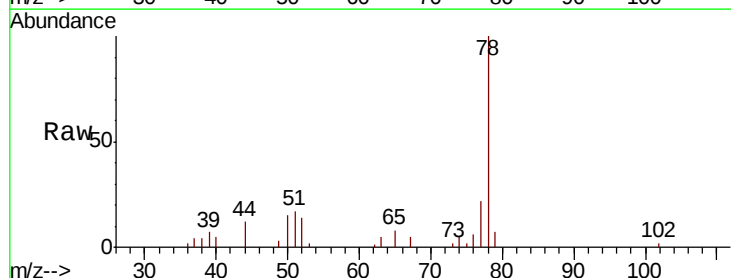


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

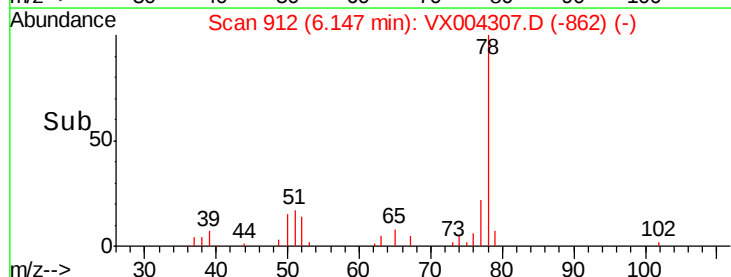
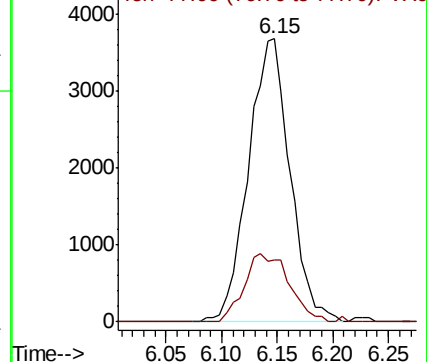


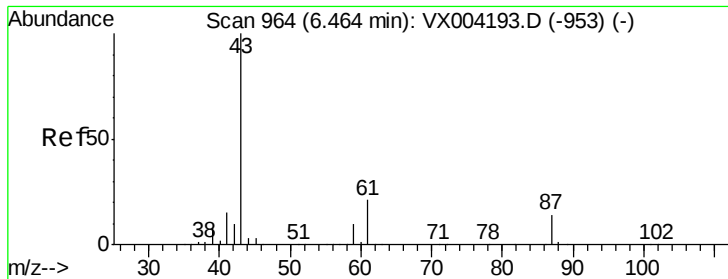
#40
Benzene
Concen: 0.68 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion: 78 Resp: 9576
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 10.97 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

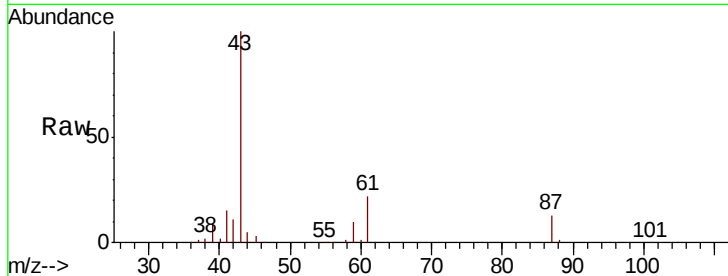
Tot Ion: 43 Resp: 78104

Ion Ratio Lower Upper

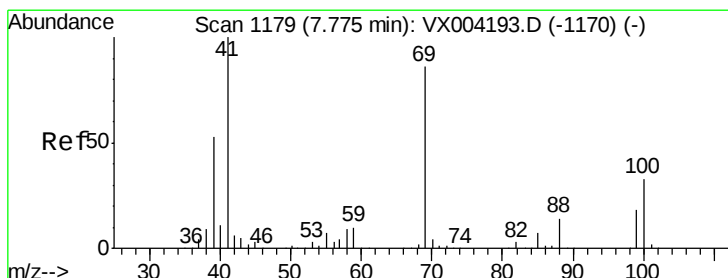
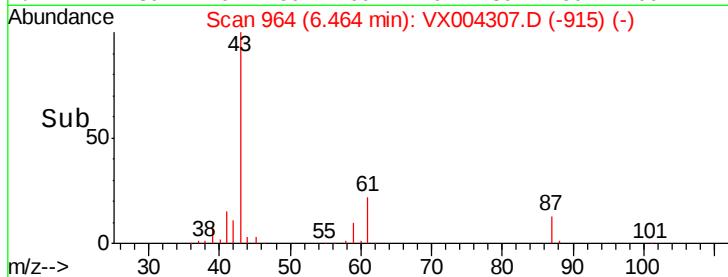
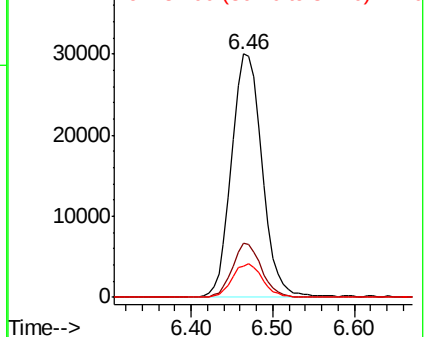
43 100

61 21.0 17.0 25.4

87 13.5 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



#48

Methyl methacrylate

Concen: 0.87 ug/l

RT: 7.69 min Scan# 1165

Delta R.T. -0.09 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

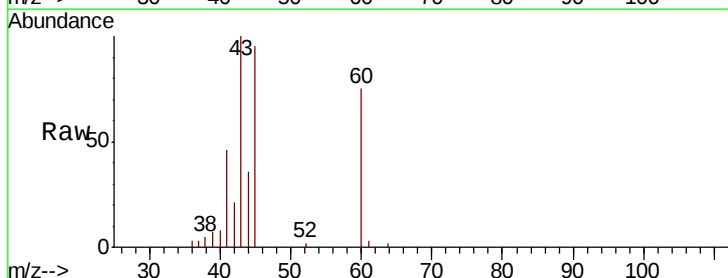
Tgt Ion: 41 Resp: 3302

Ion Ratio Lower Upper

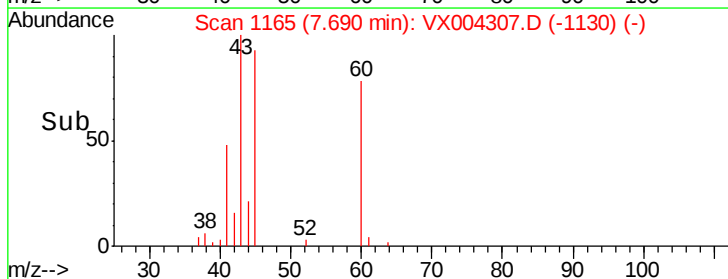
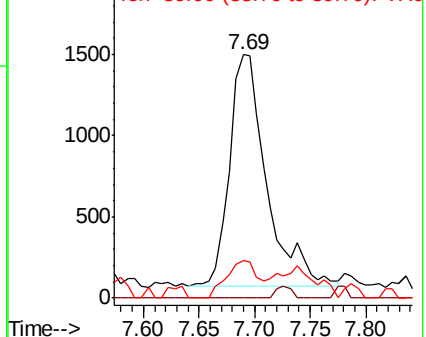
41 100

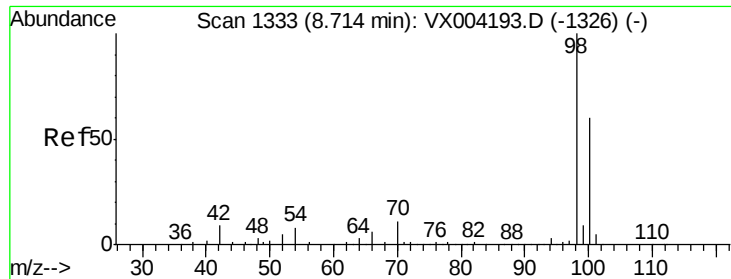
69 0.0 70.2 105.4#

39 13.5 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

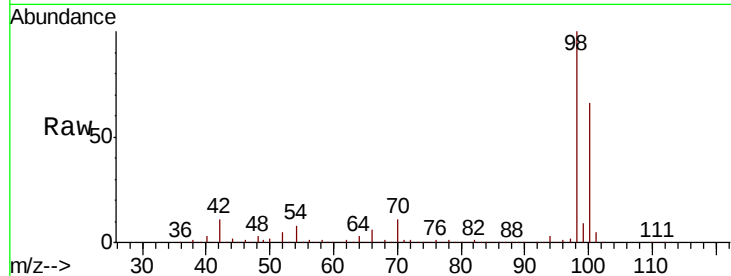




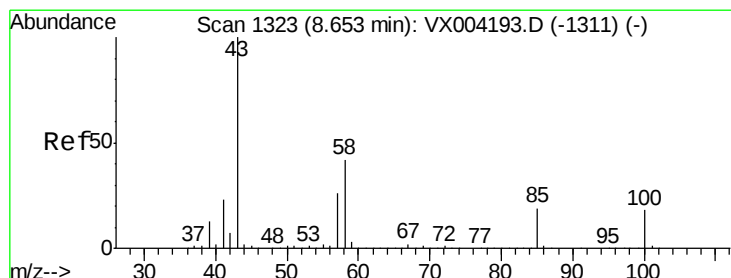
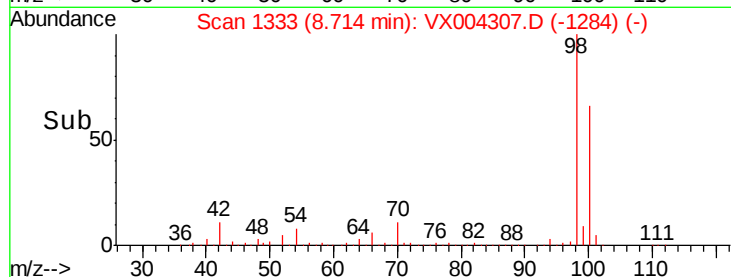
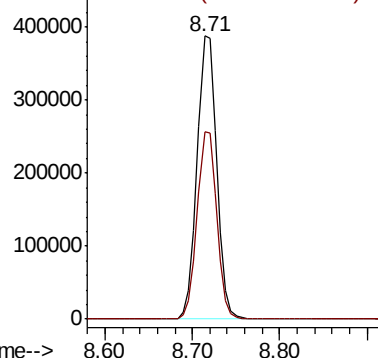
#50
Toluene-d8
Concen: 51.14 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 98 Resp: 602028
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3

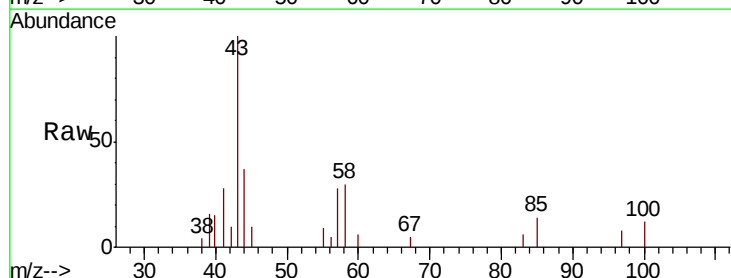


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

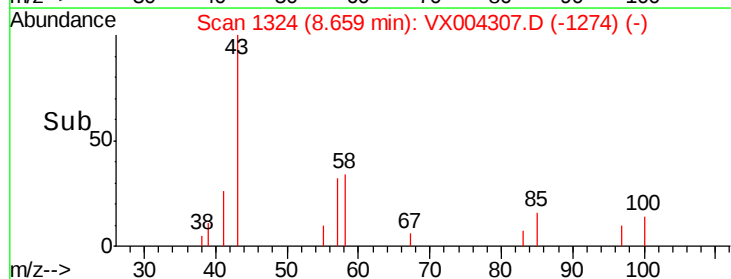
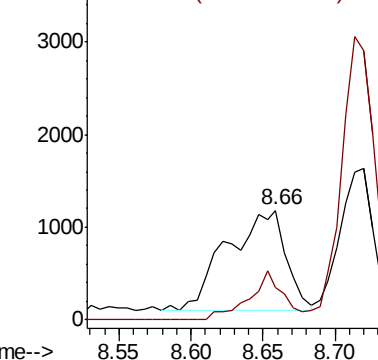


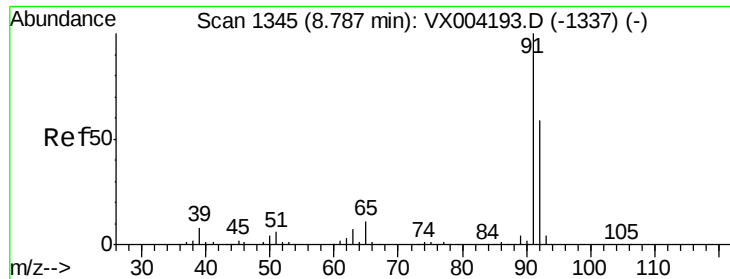
#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
58 27.6 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.54 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

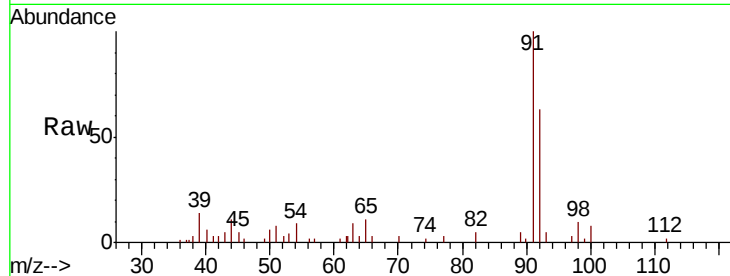
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 92 Resp: 4720

Ion Ratio Lower Upper

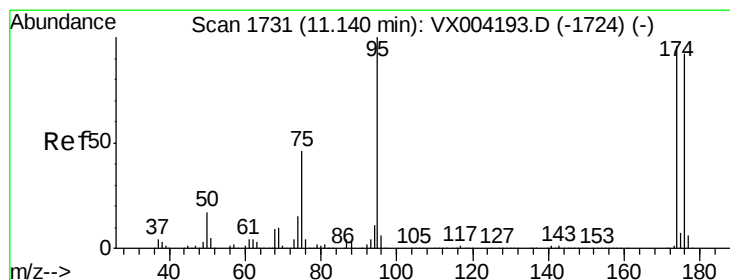
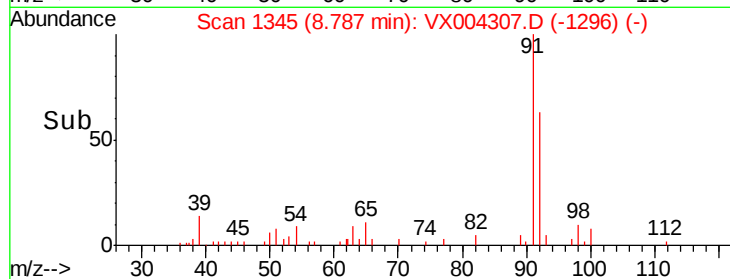
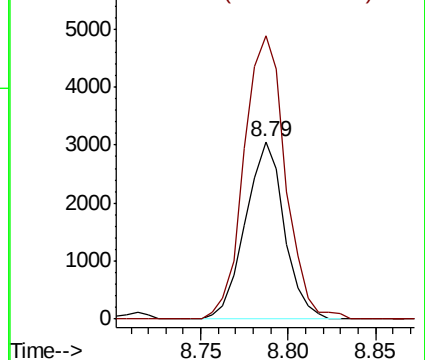
92 100

91 170.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

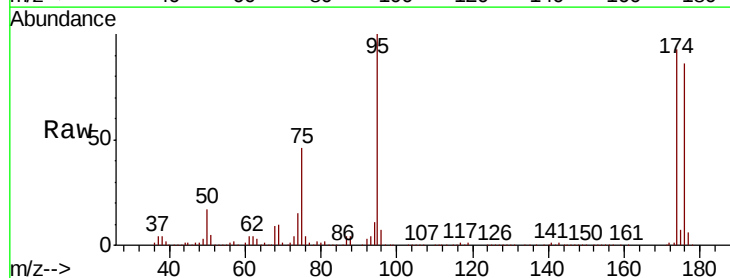
Tgt Ion: 95 Resp: 210248

Ion Ratio Lower Upper

95 100

174 91.7 0.0 185.2

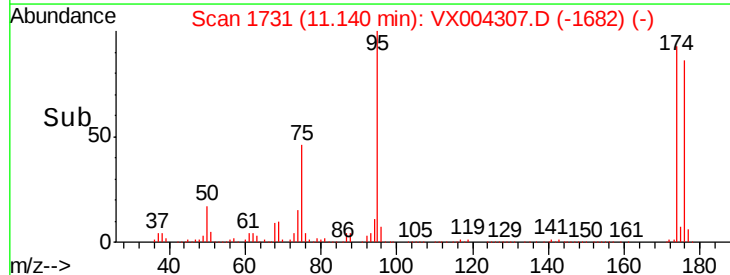
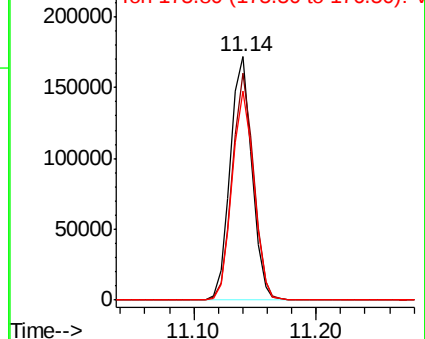
176 86.7 0.0 178.6

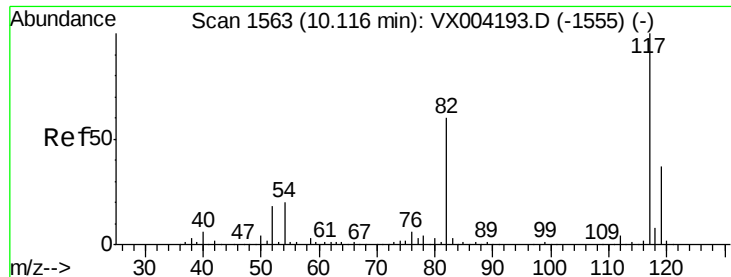


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

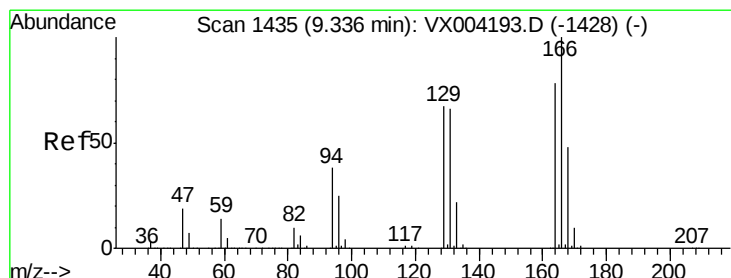
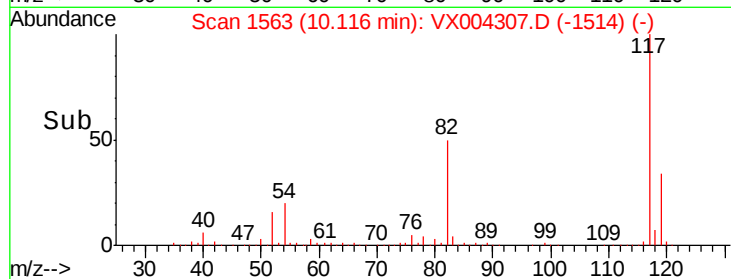
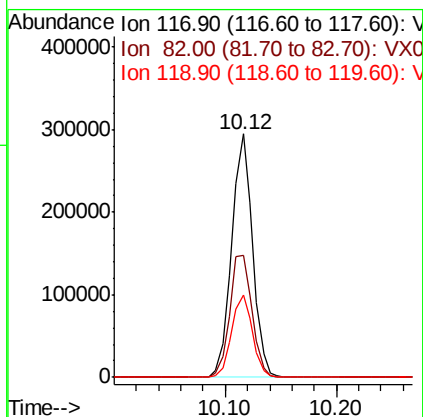
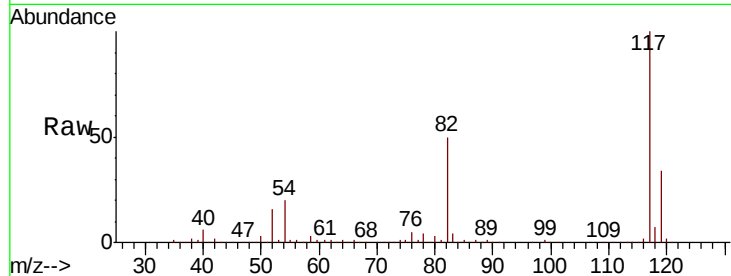




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

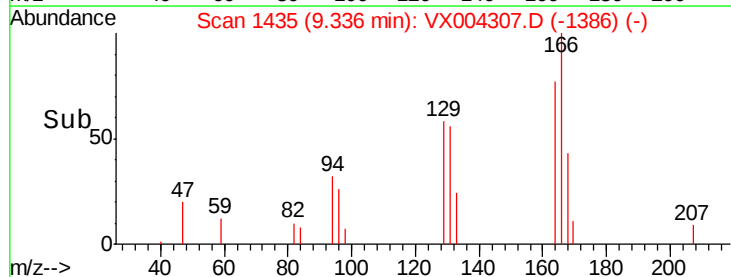
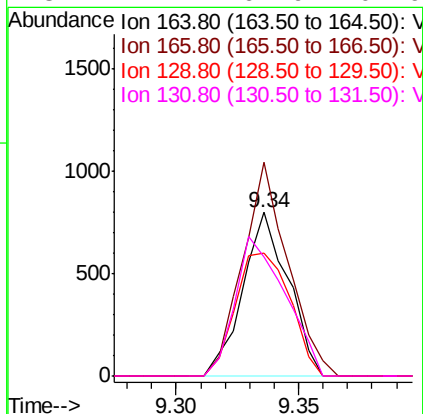
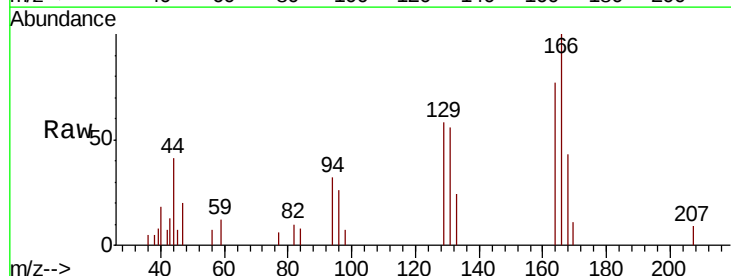
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

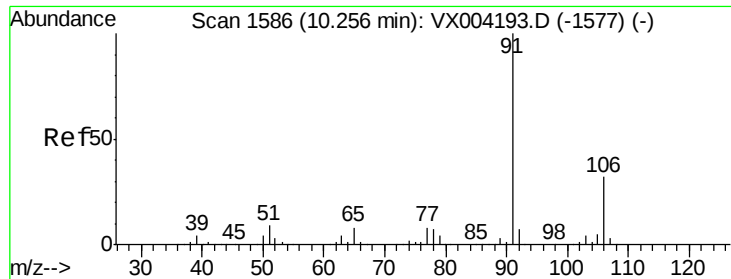
Tot Ion:117 Resp: 381625
Ion Ratio Lower Upper
117 100
82 50.2 47.8 71.6
119 33.9 29.3 43.9



#64
Tetrachloroethene
Concen: 0.27 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion:164 Resp: 1027
Ion Ratio Lower Upper
164 100
166 130.5 102.8 154.2
129 75.4 69.4 104.0
131 72.7 67.9 101.9





#67

Ethyl Benzene

Concen: 0.44 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

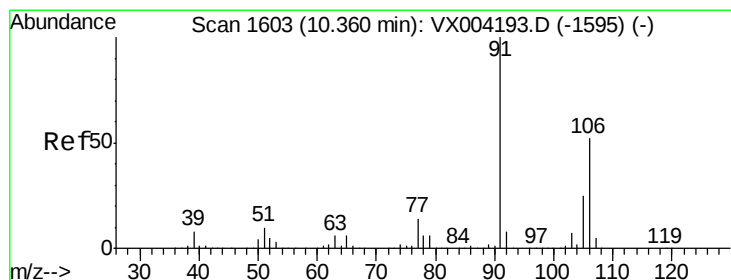
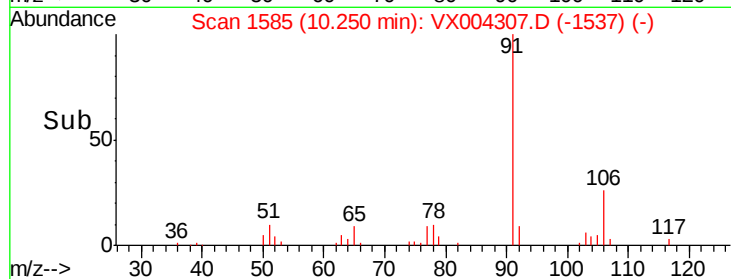
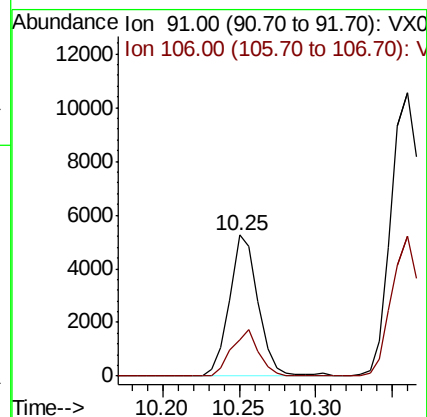
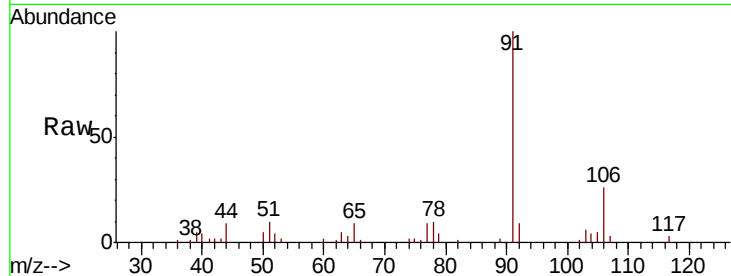
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 91 Resp: 6853

Ion Ratio Lower Upper

91 100

106 25.8 25.9 38.9#



#68

m/p-Xylenes

Concen: 1.13 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004307.D

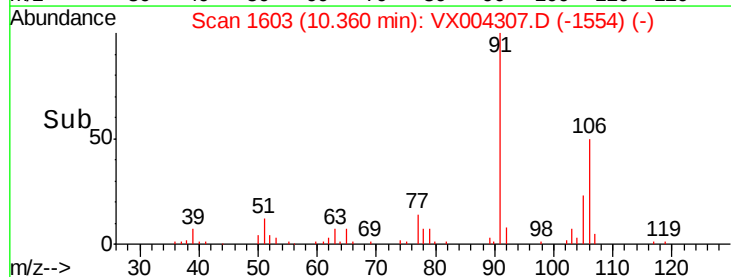
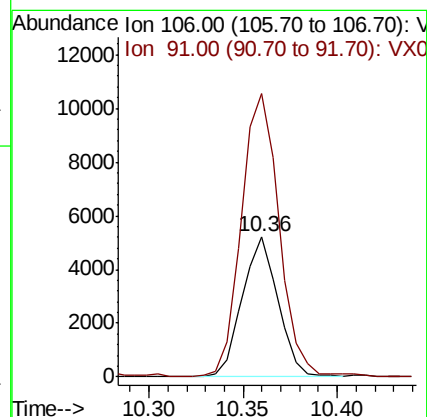
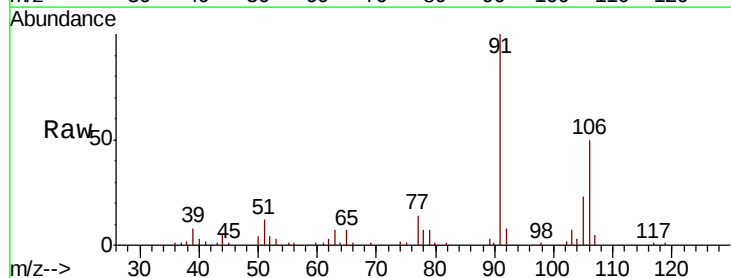
Acq: 29 Aug 2018 22:31

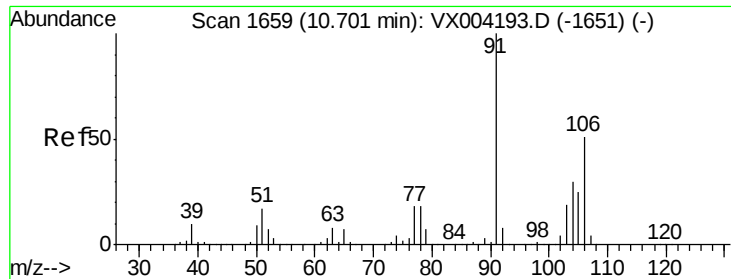
Tgt Ion: 106 Resp: 6852

Ion Ratio Lower Upper

106 100

91 215.3 157.1 235.7

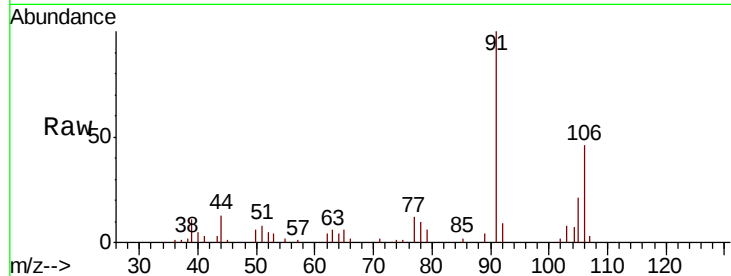




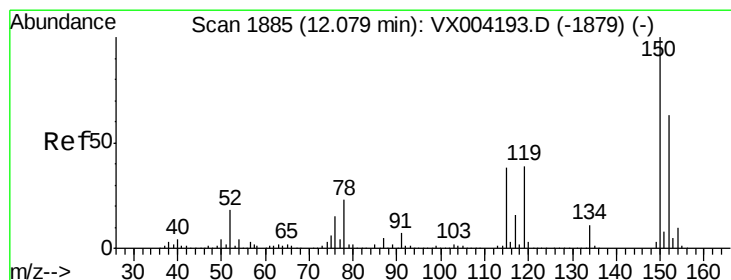
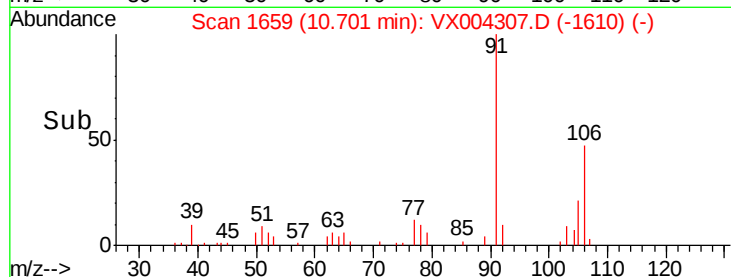
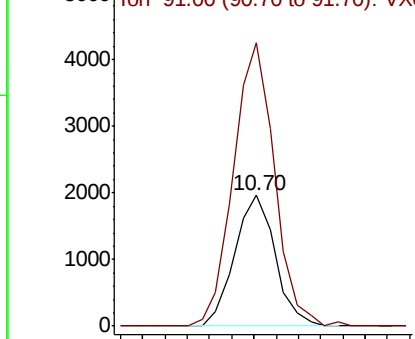
#69
o-Xylene
Concen: 0.43 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

Tot Ion:106 Resp: 2491
Ion Ratio Lower Upper
106 100
91 219.1 105.1 315.1

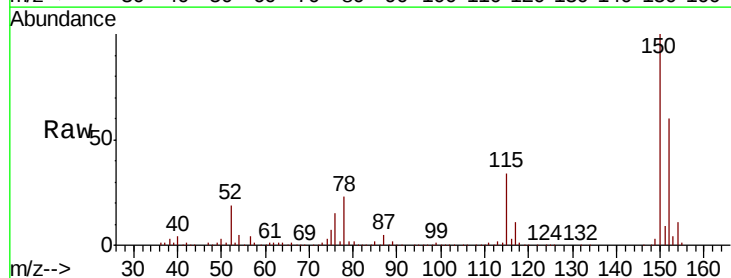


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

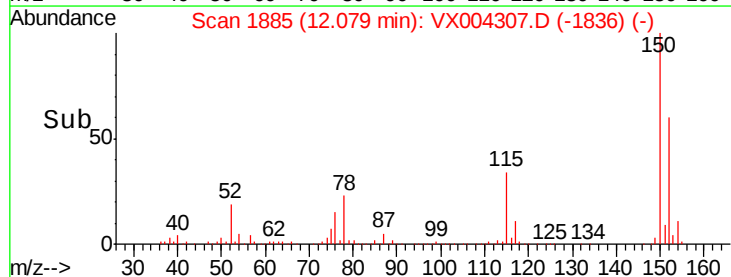
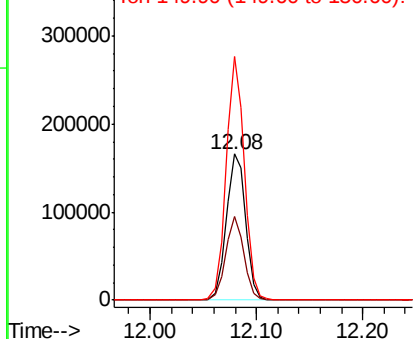


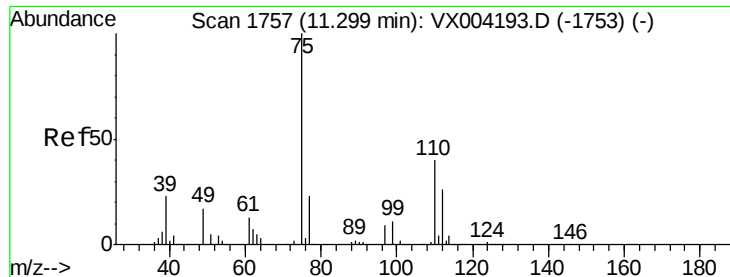
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion:152 Resp: 210240
Ion Ratio Lower Upper
152 100
115 54.0 39.0 117.0
150 157.0 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

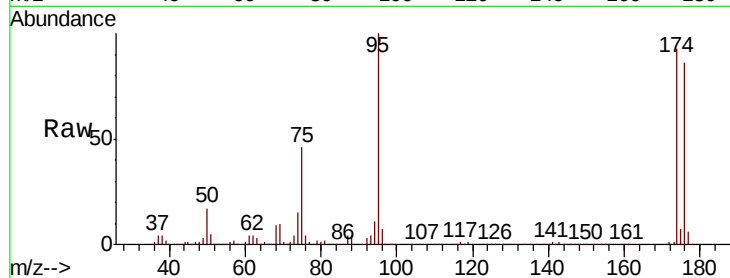
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 75 Resp: 100495

Ion Ratio Lower Upper

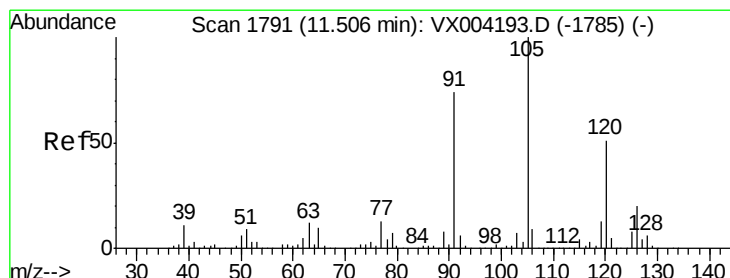
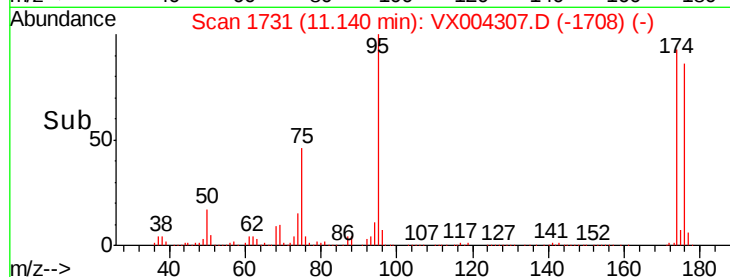
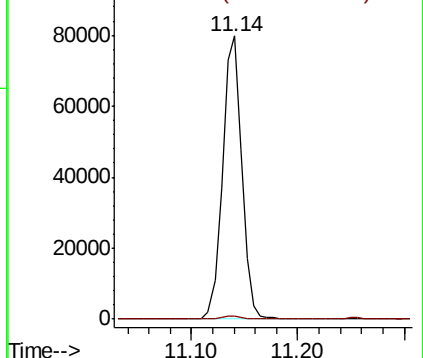
75 100

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



#80

1,3,5-Trimethylbenzene

Concen: 0.29 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004307.D

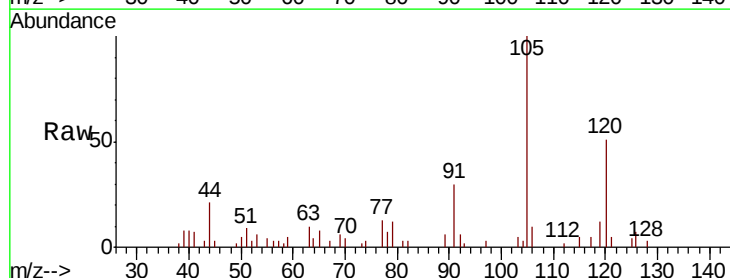
Acq: 29 Aug 2018 22:31

Tgt Ion:105 Resp: 3358

Ion Ratio Lower Upper

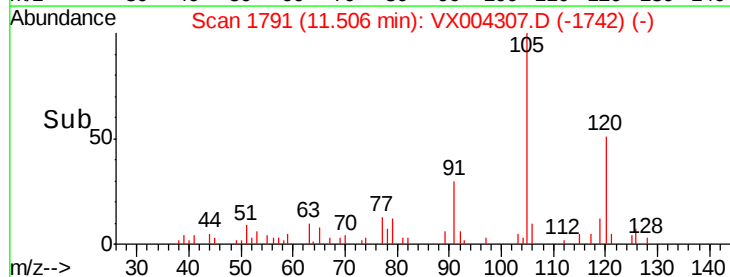
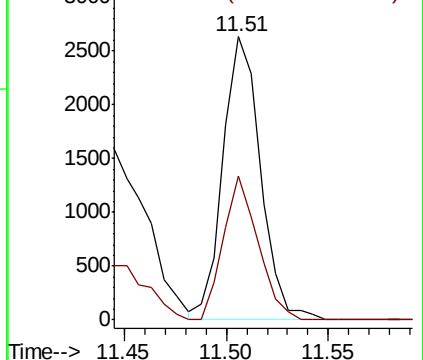
105 100

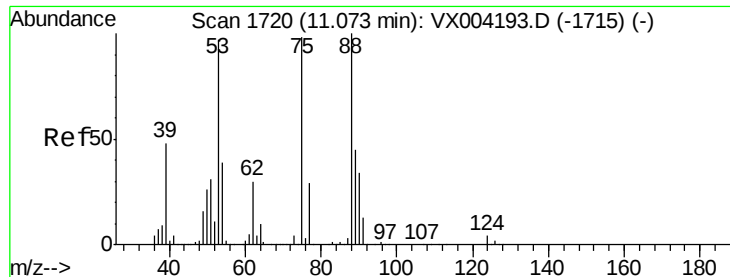
120 46.9 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 76.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.07 min

Lab File: VX004307.D

Acq: 29 Aug 2018 22:31

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(2)

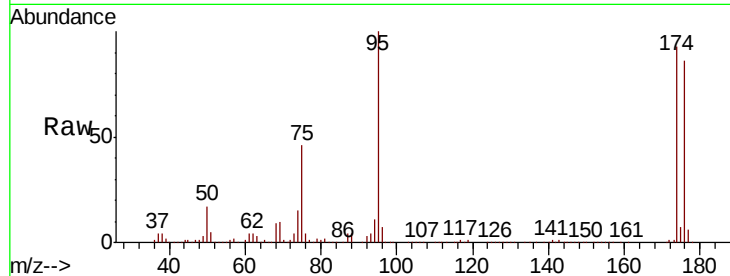
Tot Ion: 75 Resp: 100495

Ion Ratio Lower Upper

75 100

53 0.3 80.1 120.1#

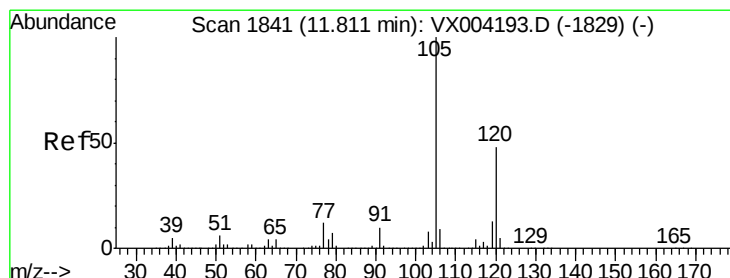
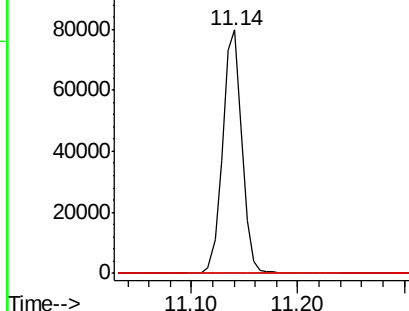
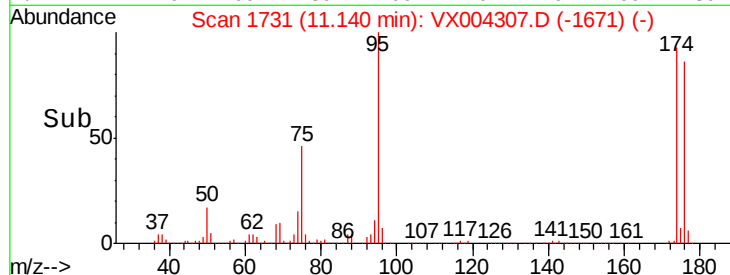
89 0.0 37.2 55.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.58 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004307.D

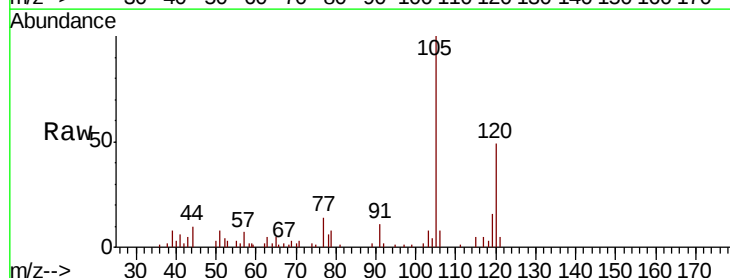
Acq: 29 Aug 2018 22:31

Tgt Ion: 105 Resp: 6824

Ion Ratio Lower Upper

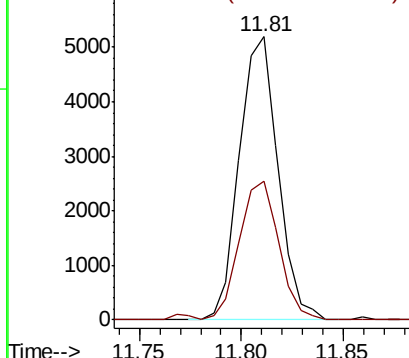
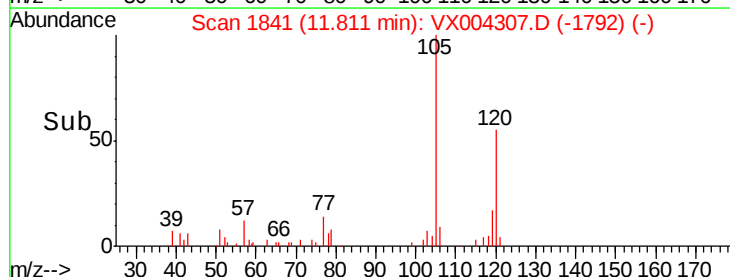
105 100

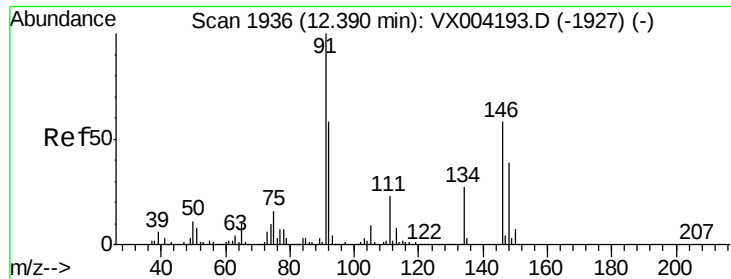
120 50.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

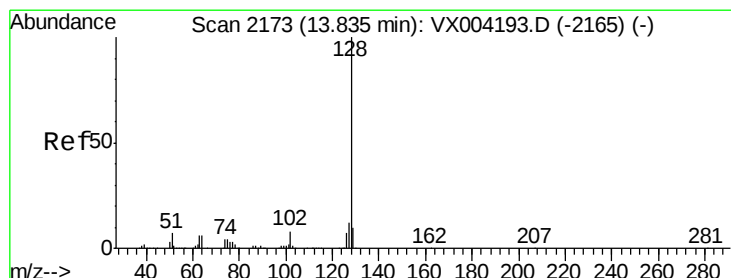
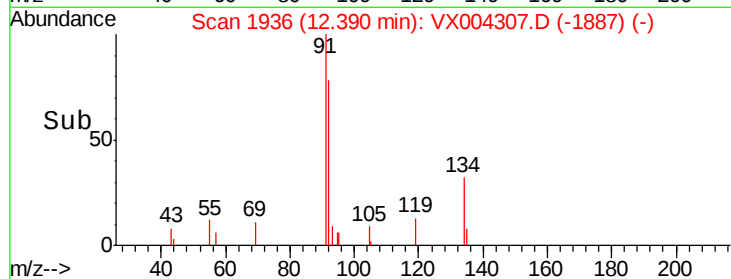
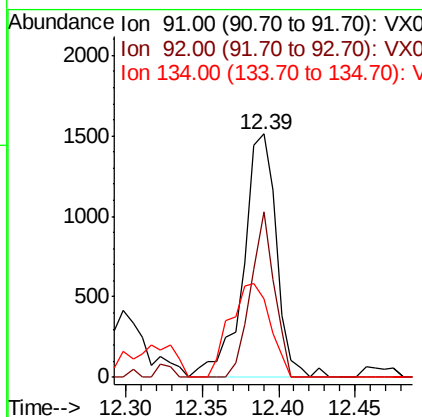
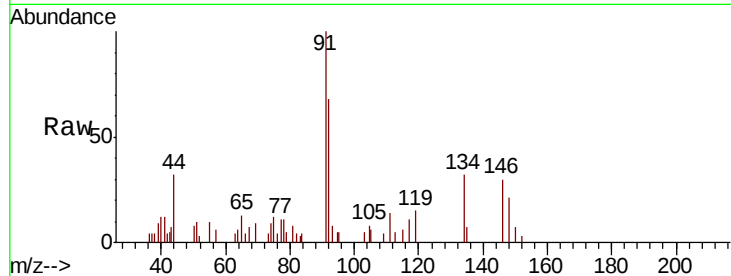




#89
n-Butylbenzene
Concen: 0.23 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(2)

Tot Ion: 91 Resp: 2276
Ion Ratio Lower Upper
91 100
92 48.5 27.3 81.9
134 46.7 13.6 40.7#



#95
Naphthalene
Concen: 2.10 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004307.D
Acq: 29 Aug 2018 22:31

Tgt Ion: 128 Resp: 28867
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.6 12.8

