

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

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

Quant Time: Oct 04 08:51:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	286329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222270	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	199143	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
35) Dibromofluoromethane	5.51	113	176730	47.62	ug/l	0.01
Spiked Amount			Recovery	=	95.24%	
50) Toluene-d8	8.72	98	620935	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.14	95	220078	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

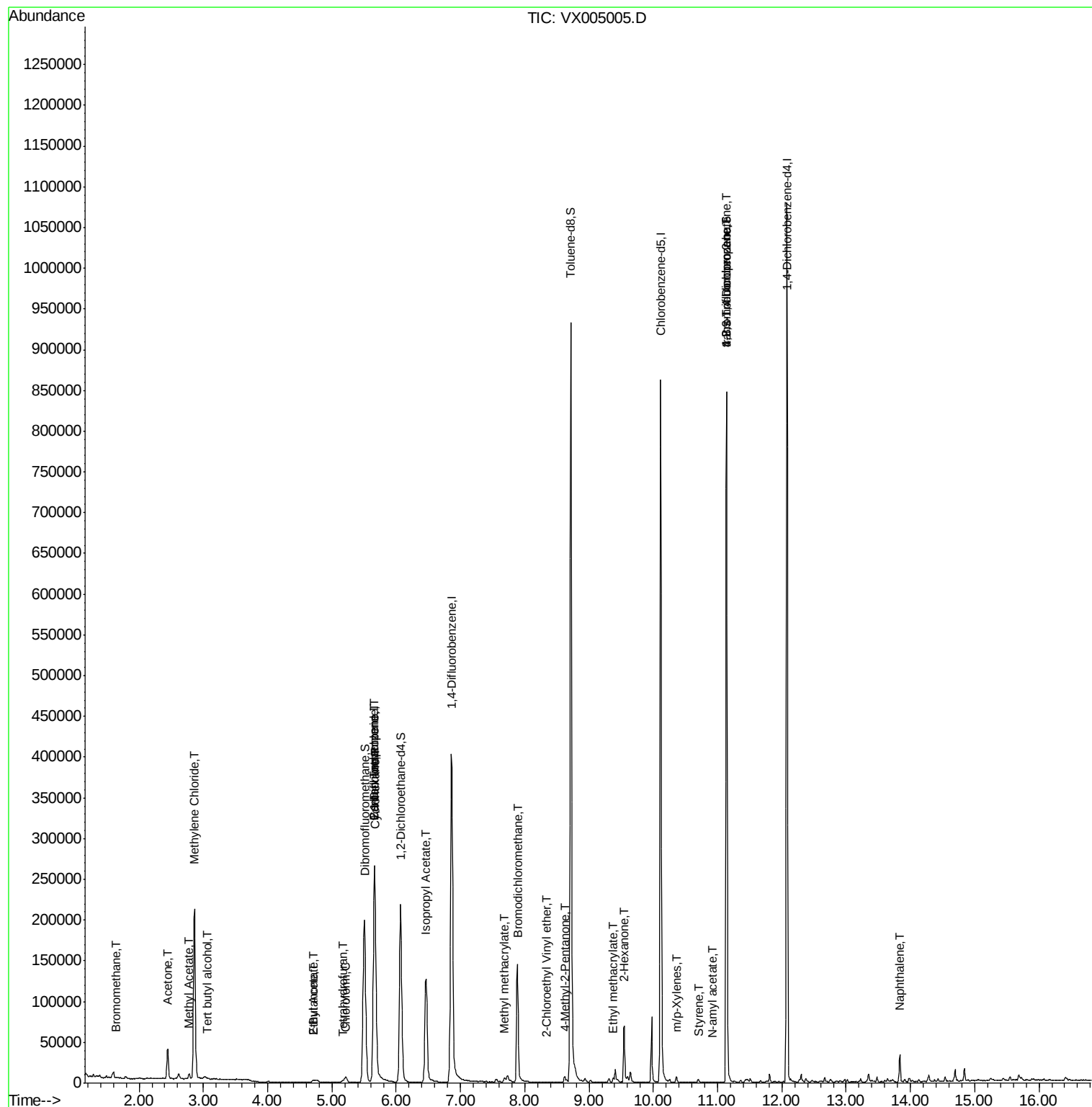
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	596	0.226	ug/l #	62
6) Chloroethane	1.71	64	182	Below Cal	#	45
11) Tert butyl alcohol	3.06	59	1076	0.941	ug/l #	72
16) Acetone	2.44	43	40260	16.860	ug/l	99
18) Methyl Acetate	2.78	43	8055	1.331	ug/l	96
20) Methylene Chloride	2.86	84	96050	27.283	ug/l	90
25) 2-Butanone	4.71	43	4766	1.354	ug/l	91
29) Tetrahydrofuran	5.17	42	1787	0.817	ug/l #	81
30) Chloroform	5.21	83	7427	1.156	ug/l	99
31) Cyclohexane	5.67	56	5120	0.984	ug/l #	16
36) 1,1-Dichloropropene	5.67	75	19215	3.795	ug/l #	46
37) Ethyl Acetate	4.71	43	4937	0.735	ug/l #	70
38) Carbon Tetrachloride	5.67	117	25507	4.793	ug/l #	18
43) Isopropyl Acetate	6.46	43	182769	18.841	ug/l	94
47) Bromodichloromethane	7.90	83	1506	0.329	ug/l #	75
48) Methyl methacrylate	7.68	41	6423	1.459	ug/l #	25
51) 4-Methyl-2-Pentanone	8.62	43	2373	0.389	ug/l #	37
56) Ethyl methacrylate	9.37	69	191	2.891	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.33	63	21	14.248	ug/l #	49
59) 2-Hexanone	9.54	43	8304	1.632	ug/l #	56
68) m/p-Xylenes	10.36	106	1505	0.225	ug/l	93
70) Styrene	10.72	104	204	2.157	ug/l #	24
74) N-ethyl acetate	10.91	43	124	1.763	ug/l #	42
76) 1,2,3-Trichloropropane	11.14	75	106338	21.345	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1703	Below Cal		96
81) trans-1,4-Dichloro-2-buten	11.14	75	106338	57.889	ug/l #	10
95) Naphthalene	13.83	128	20691	1.823	ug/l	99

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

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Misc : 5.0mL/MSVOA X/WATER
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CB-1018-S-TCLP-GRID50-1

Quant Time: Oct 04 08:51:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

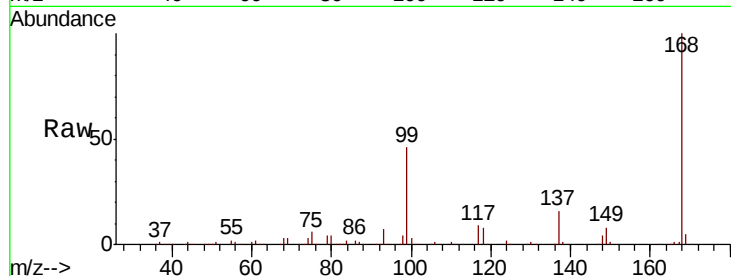
CB-1018-S-TCLP-GRID50-1

Tot Ion:168 Resp: 286329

Ion Ratio Lower Upper

168 100

99 45.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

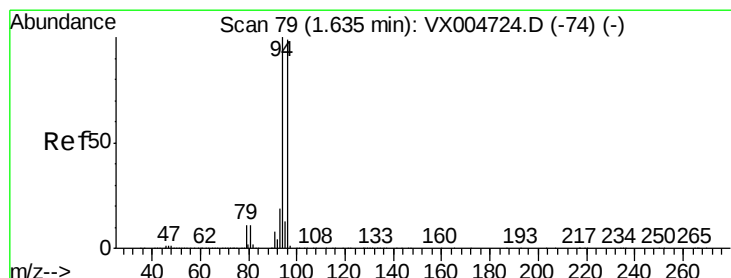
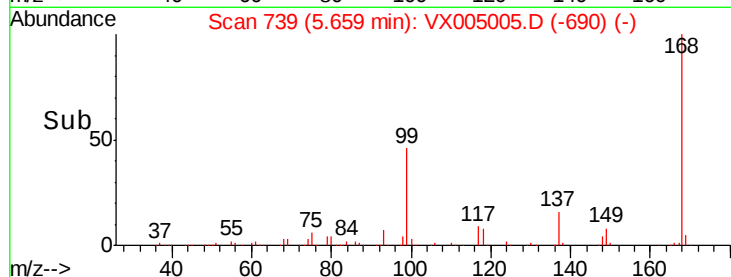
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.226 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX005005.D

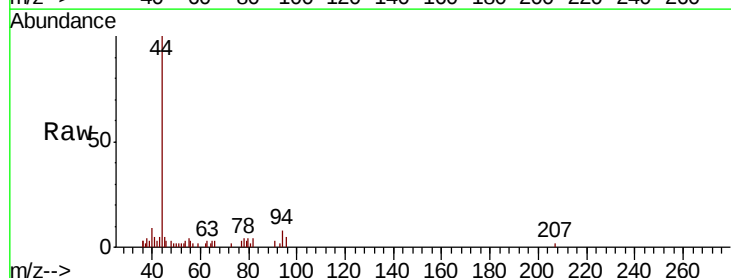
Acq: 04 Oct 2018 08:14

Tgt Ion: 94 Resp: 596

Ion Ratio Lower Upper

94 100

96 61.6 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

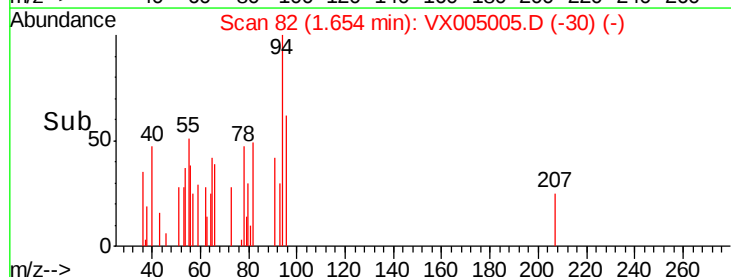
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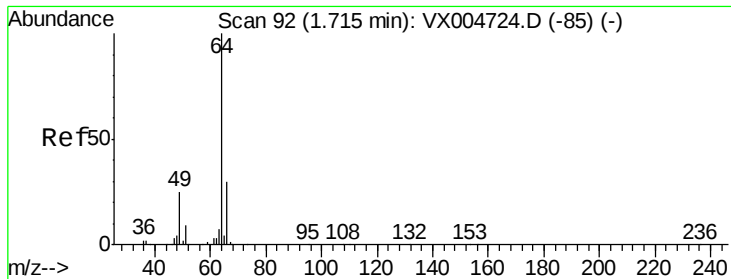
100

50

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

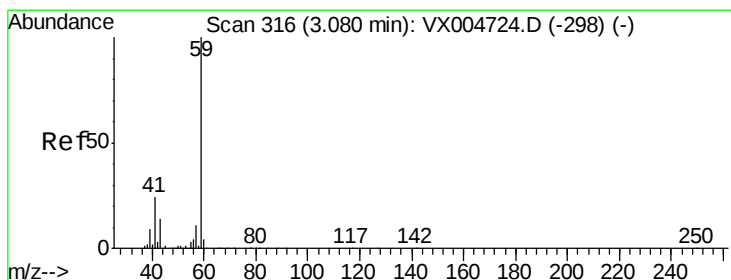
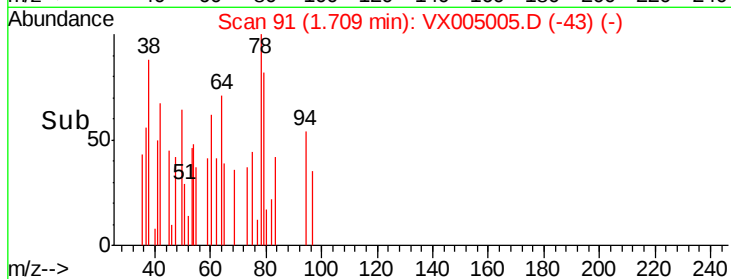
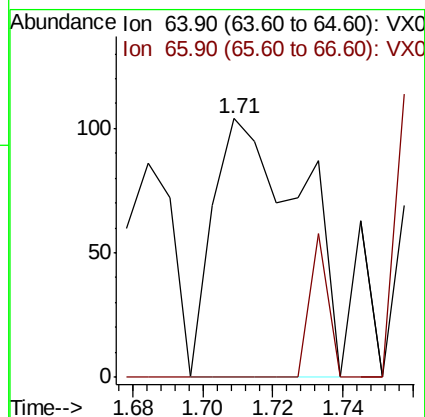
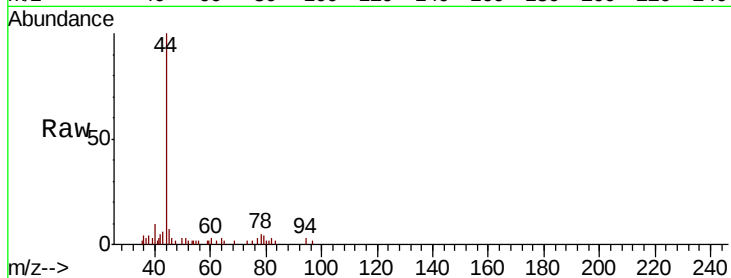
CB-1018-S-TCLP-GRID50-1

Tot Ion: 64 Resp: 182

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



#11

Tert butyl alcohol

Concen: 0.941 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX005005.D

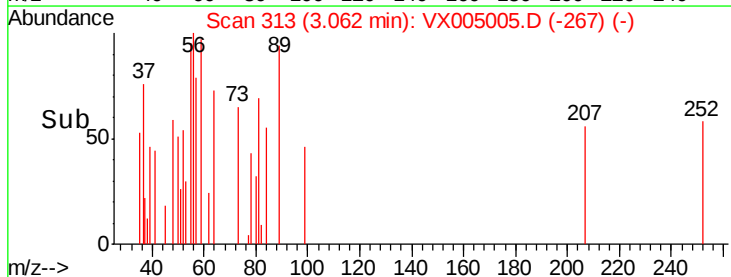
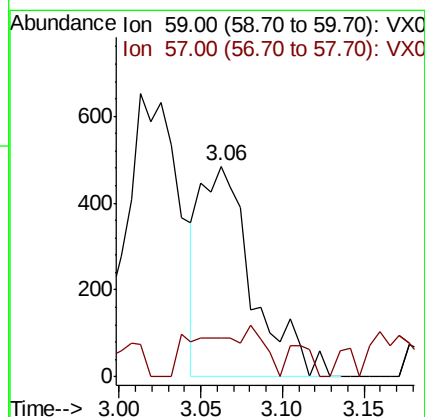
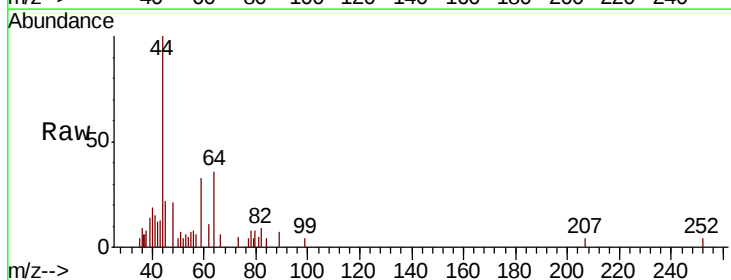
Acq: 04 Oct 2018 08:14

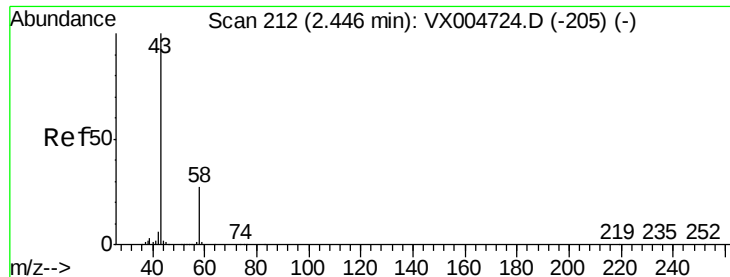
Tgt Ion: 59 Resp: 1076

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#





#16

Acetone

Concen: 16.860 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

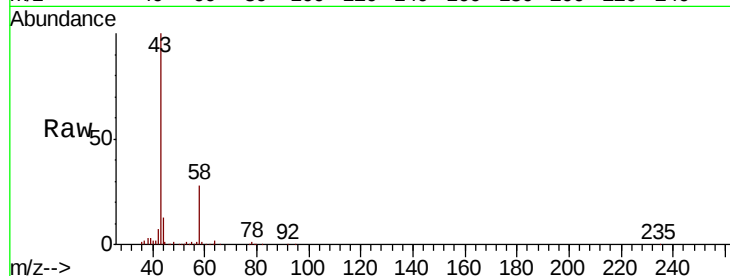
CB-1018-S-TCLP-GRID50-1

Tot Ion: 43 Resp: 40260

Ion Ratio Lower Upper

43 100

58 27.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

25000

20000

15000

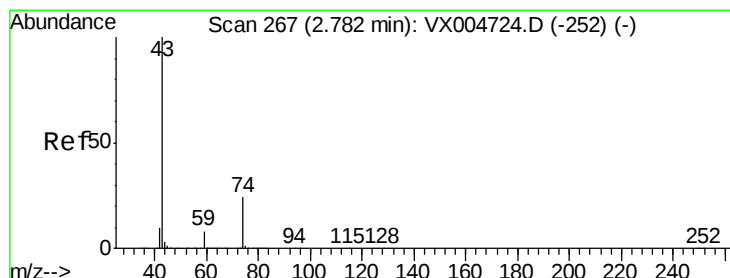
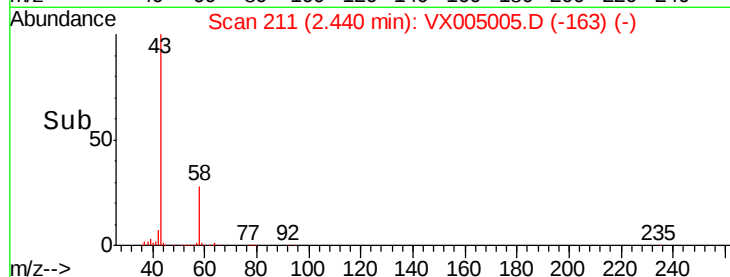
10000

5000

0

Time-->

2.35 2.40 2.45 2.50



#18

Methyl Acetate

Concen: 1.331 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005005.D

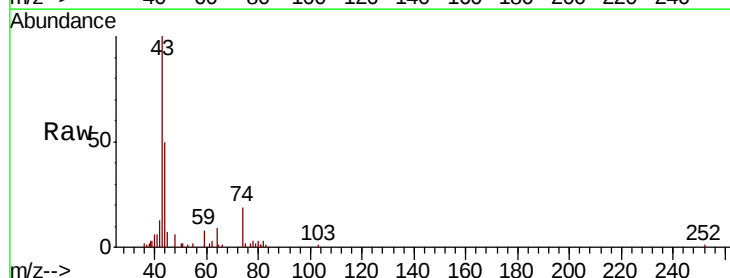
Acq: 04 Oct 2018 08:14

Tgt Ion: 43 Resp: 8055

Ion Ratio Lower Upper

43 100

74 20.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

5000

4000

3000

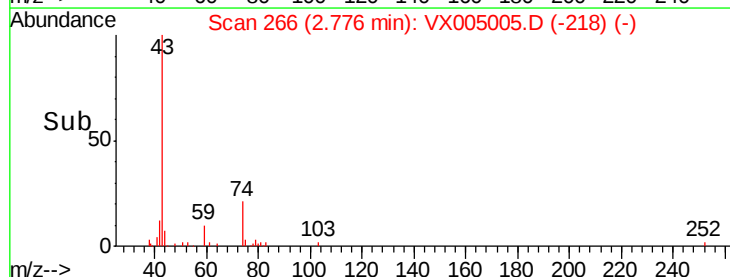
2000

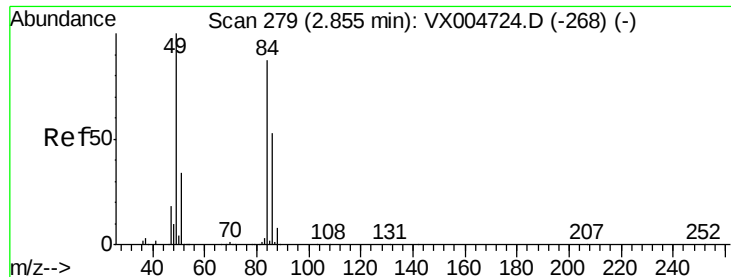
1000

0

Time-->

2.70 2.75 2.80 2.85

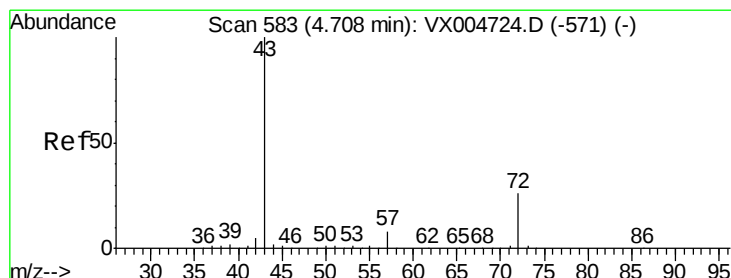
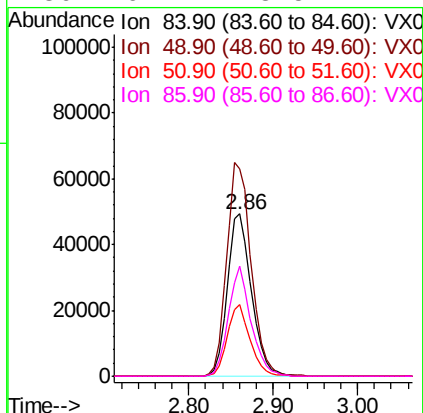
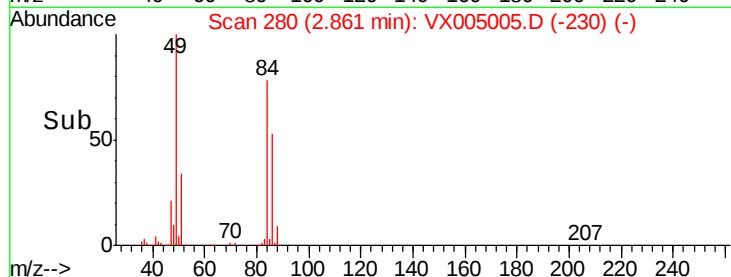
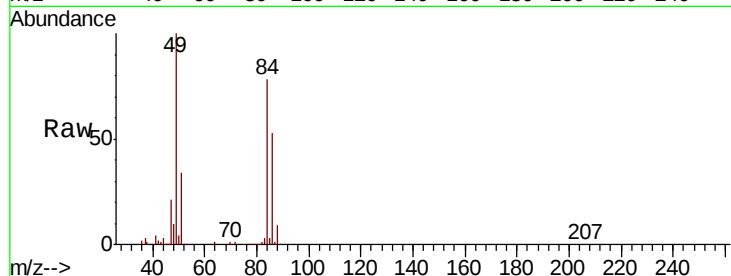




#20
Methylene Chloride
Concen: 27.283 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

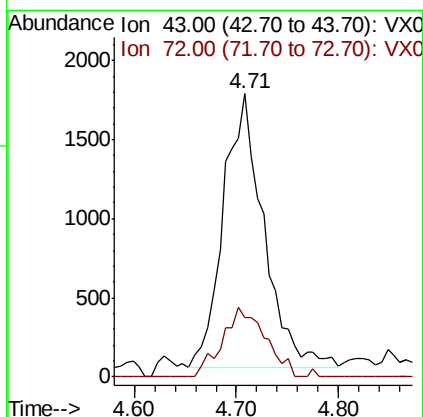
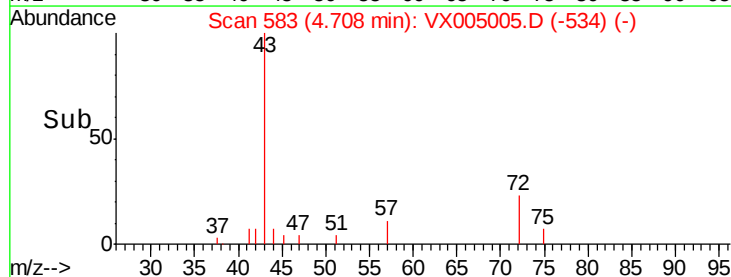
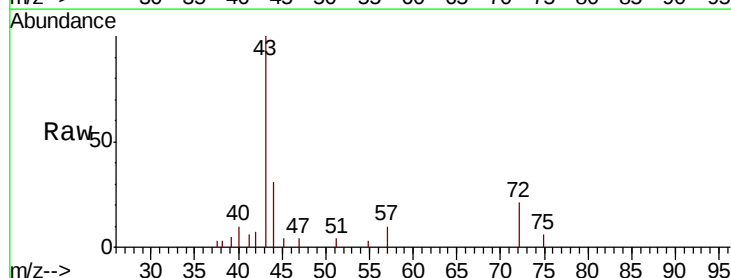
Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

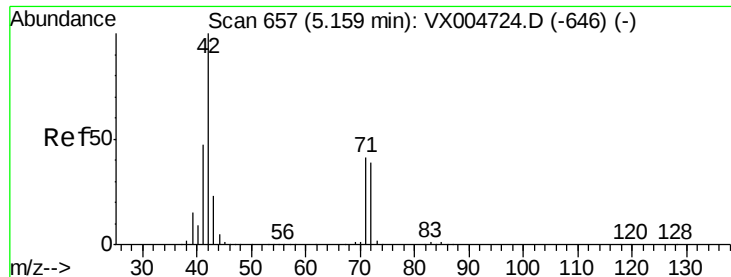
Tot Ion:	84	Resp:	96050
Ion	Ratio	Lower	Upper
84	100		
49	127.5	92.3	138.5
51	43.8	31.8	47.6
86	67.7	48.5	72.7



#25
2-Butanone
Concen: 1.354 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

Tgt Ion:	43	Resp:	4766
Ion	Ratio	Lower	Upper
43	100		
72	21.6	20.8	31.2





#29

Tetrahydrofuran

Concen: 0.817 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

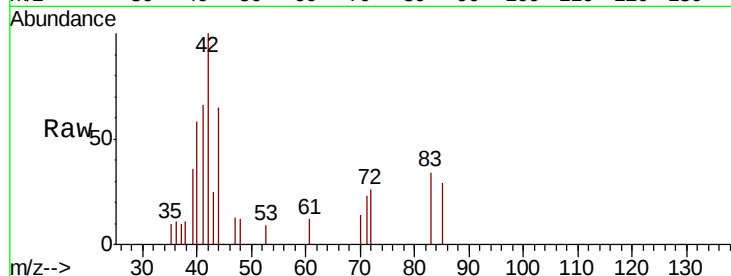
Tot Ion: 42 Resp: 1787

Ion Ratio Lower Upper

42 100

72 24.4 33.7 50.5#

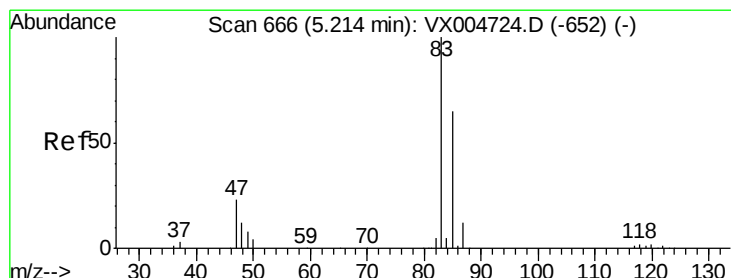
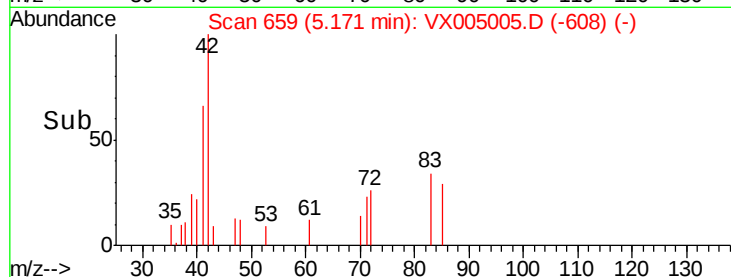
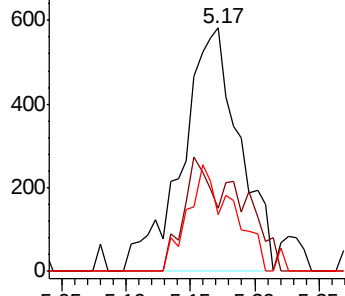
71 34.4 32.2 48.4



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: 1.156 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005005.D

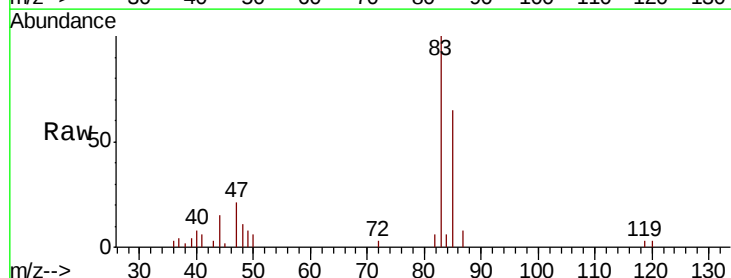
Acq: 04 Oct 2018 08:14

Tgt Ion: 83 Resp: 7427

Ion Ratio Lower Upper

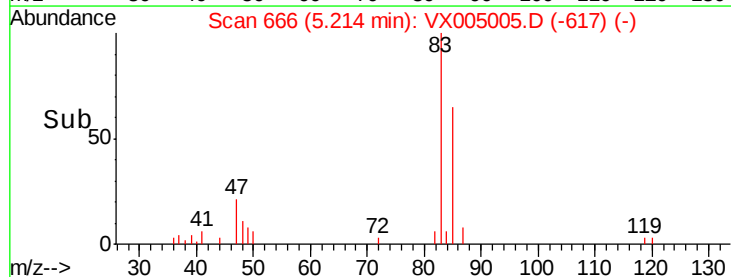
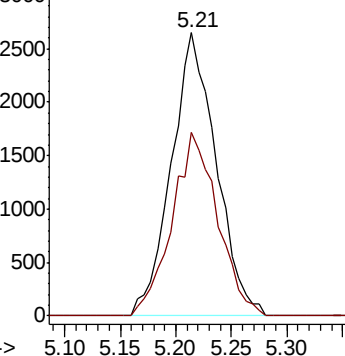
83 100

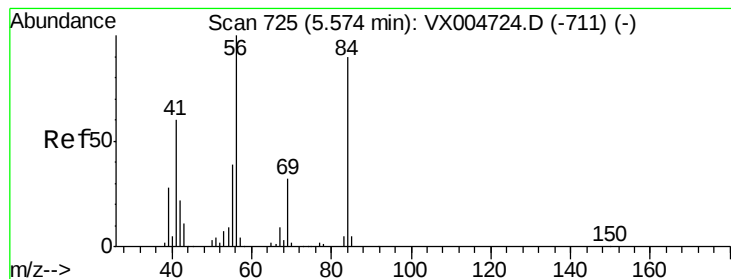
85 64.8 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.984 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.10 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

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ClientSampleId :

CB-1018-S-TCLP-GRID50-1

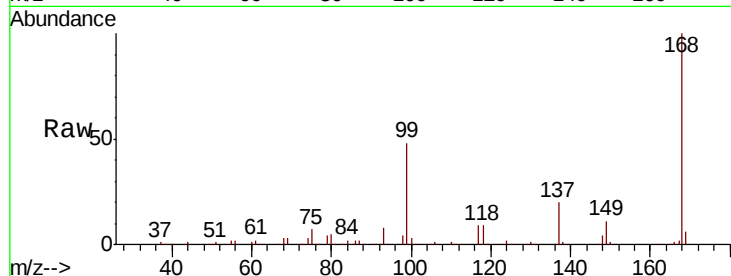
Tot Ion: 56 Resp: 5120

Ion Ratio Lower Upper

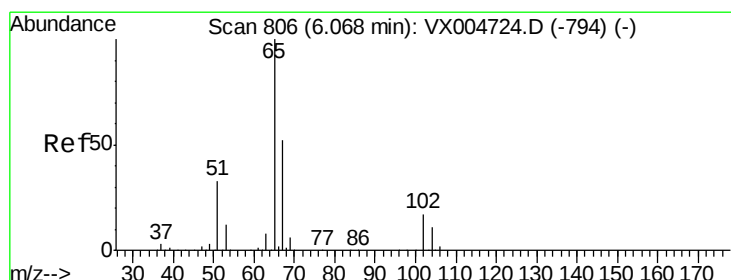
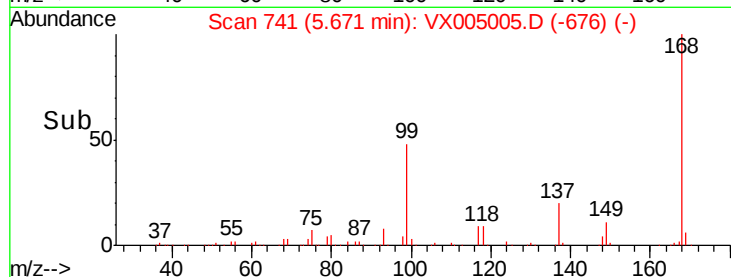
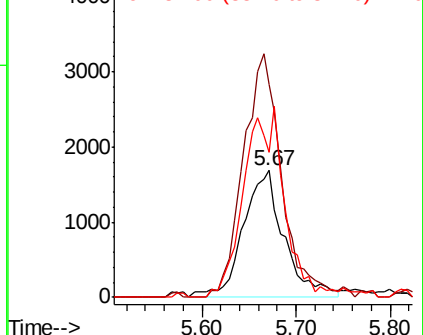
56 100

69 168.4 25.9 38.9#

84 114.8 71.9 107.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.688 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005005.D

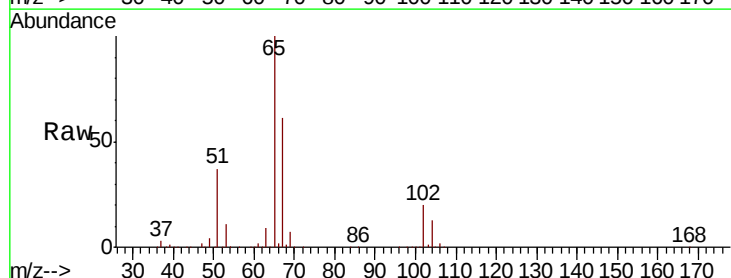
Acq: 04 Oct 2018 08:14

Tgt Ion: 65 Resp: 199143

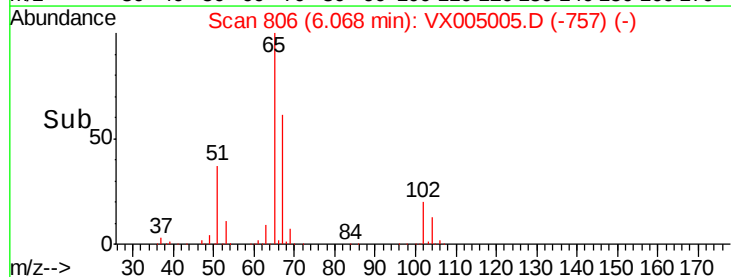
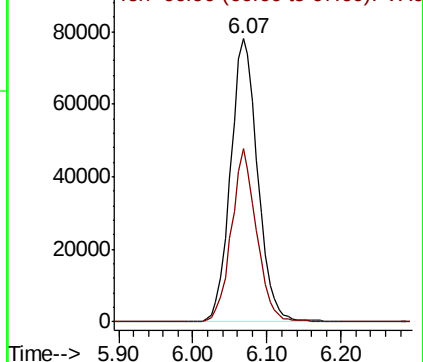
Ion Ratio Lower Upper

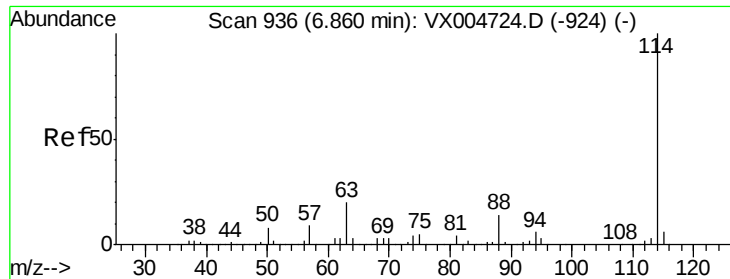
65 100

67 57.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

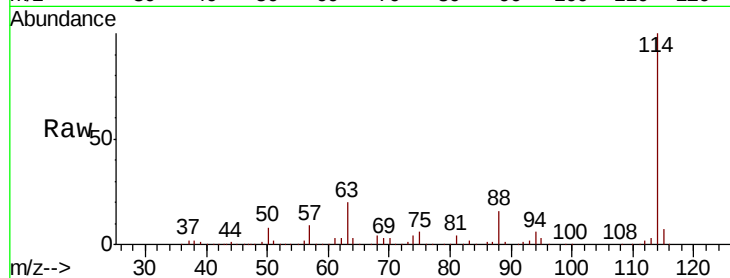




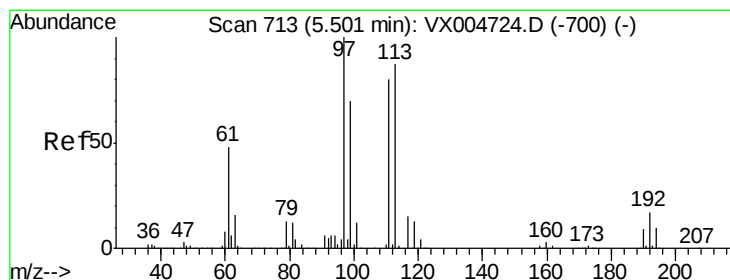
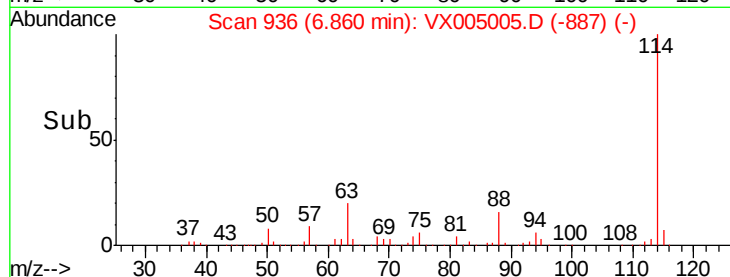
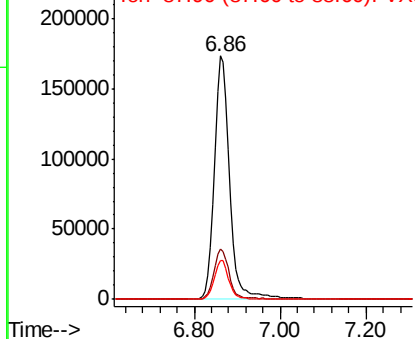
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005005.D
 Acq: 04 Oct 2018 08:14

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

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

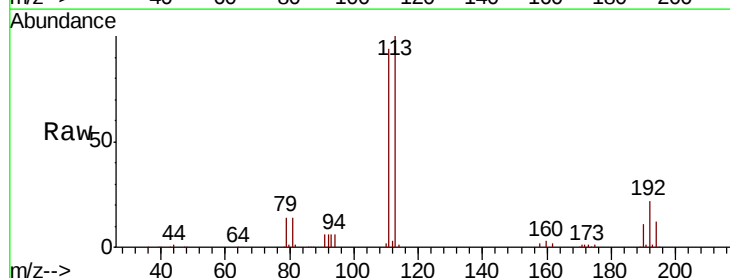


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

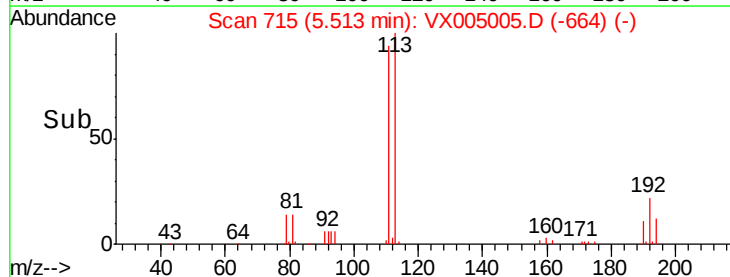
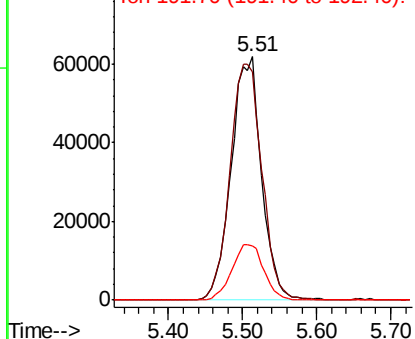


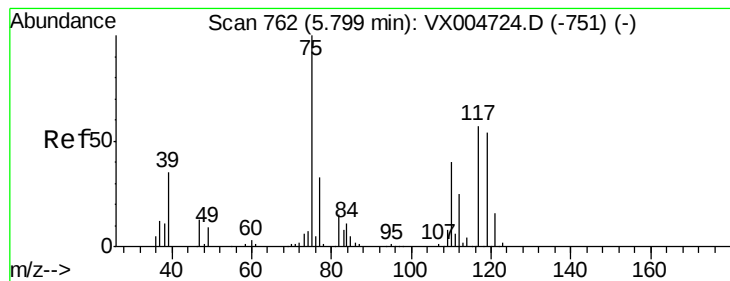
#35
 Dibromofluoromethane
 Concen: 47.624 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX005005.D
 Acq: 04 Oct 2018 08:14

Tgt Ion:113 Resp: 176730
 Ion Ratio Lower Upper
 113 100
 111 102.0 77.0 115.4
 192 24.1 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.795 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

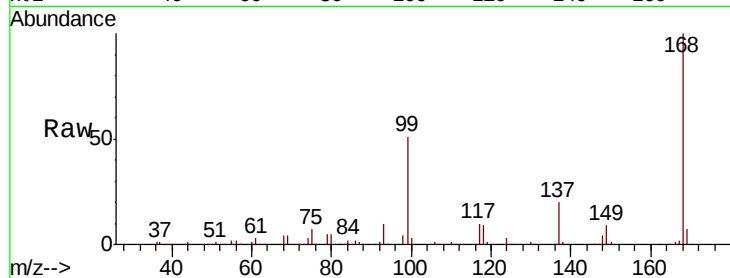
Tot Ion: 75 Resp: 19215

Ion Ratio Lower Upper

75 100

110 8.8 20.0 59.9#

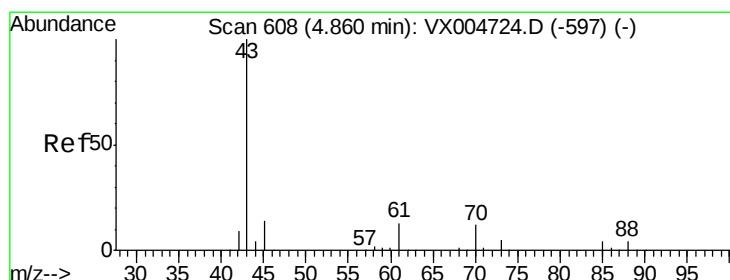
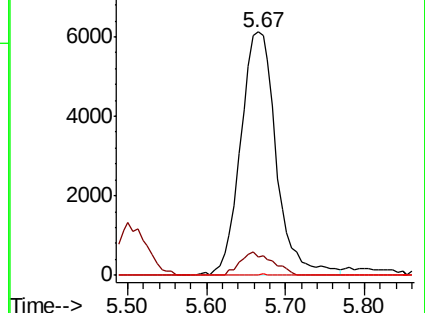
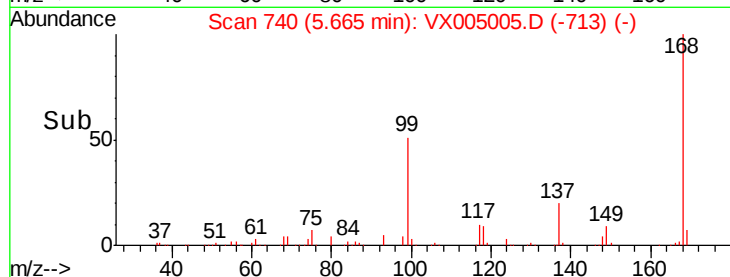
77 0.1 27.1 40.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.735 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

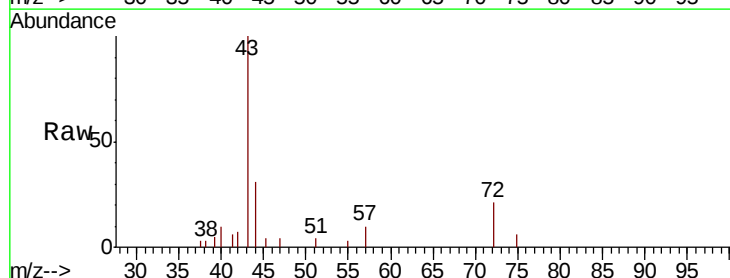
Tgt Ion: 43 Resp: 4937

Ion Ratio Lower Upper

43 100

61 1.0 10.4 15.6#

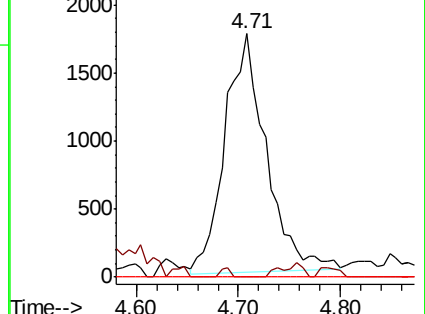
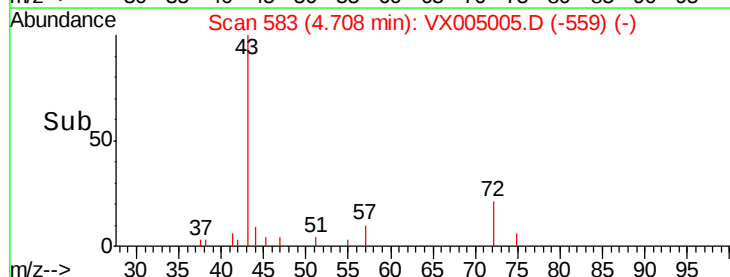
70 0.0 8.7 13.1#

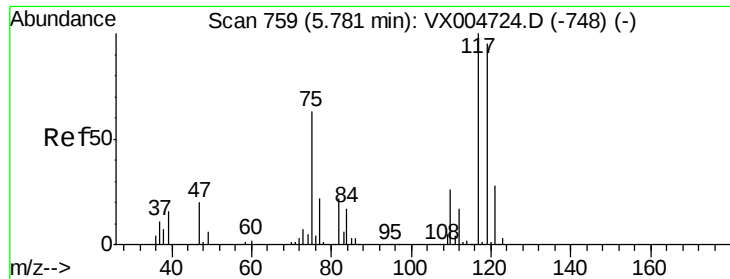


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

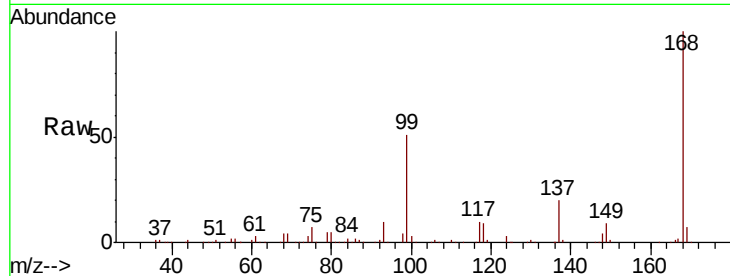




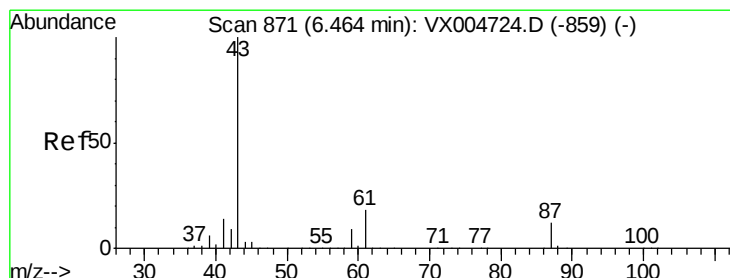
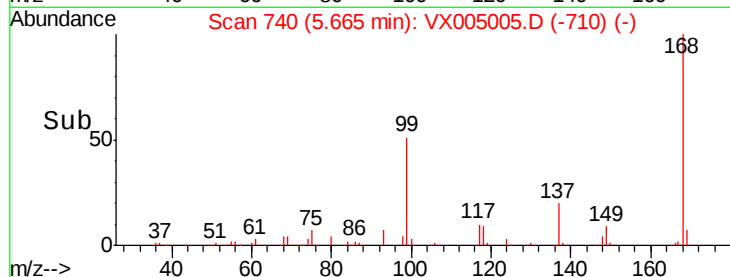
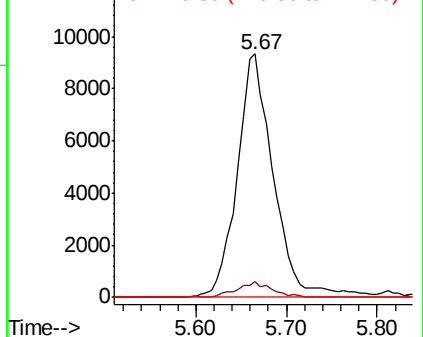
#38
Carbon Tetrachloride
Concen: 4.793 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

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

Tot Ion:117 Resp: 25507
Ion Ratio Lower Upper
117 100
119 6.5 75.2 112.8#
121 0.0 22.5 33.7#

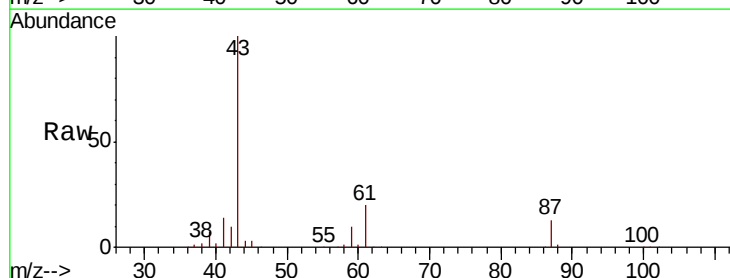


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

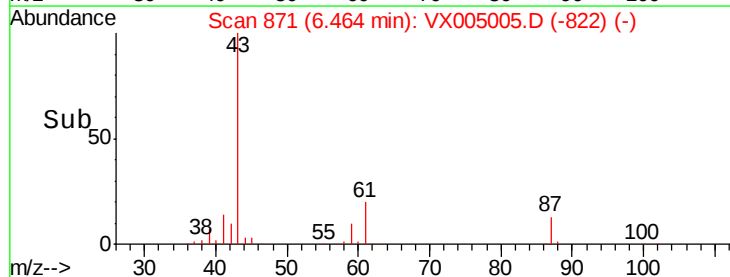
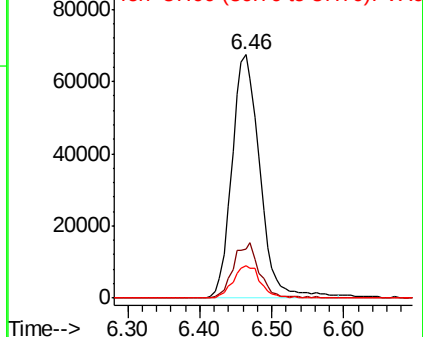


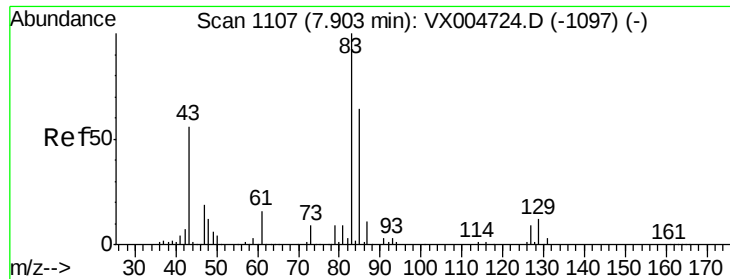
#43
Isopropyl Acetate
Concen: 18.841 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

Tgt Ion: 43 Resp: 182769
Ion Ratio Lower Upper
43 100
61 21.1 14.2 21.4
87 13.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.329 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

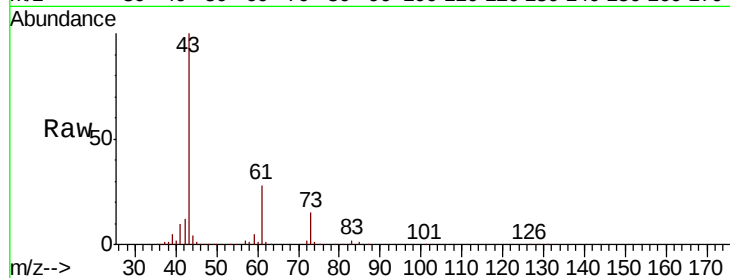
Tot Ion: 83 Resp: 1506

Ion Ratio Lower Upper

83 100

85 43.3 51.2 76.8#

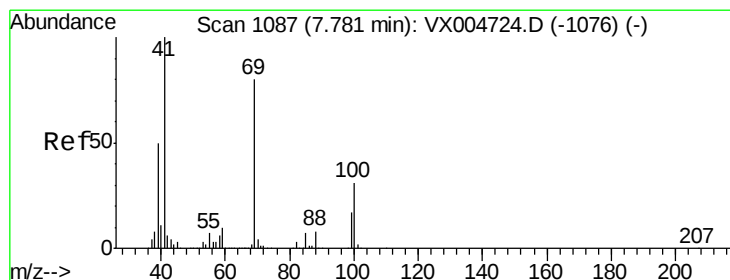
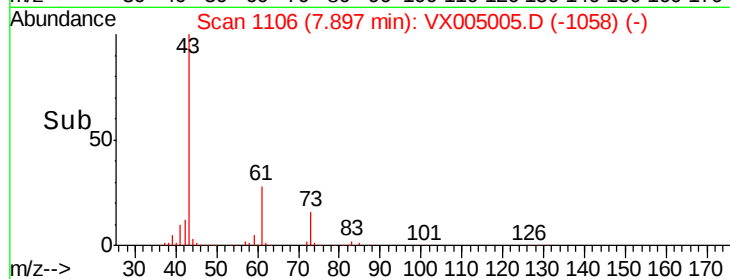
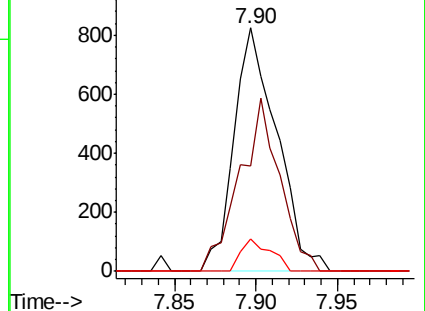
127 13.2 7.0 10.6#



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: 1.459 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.10 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

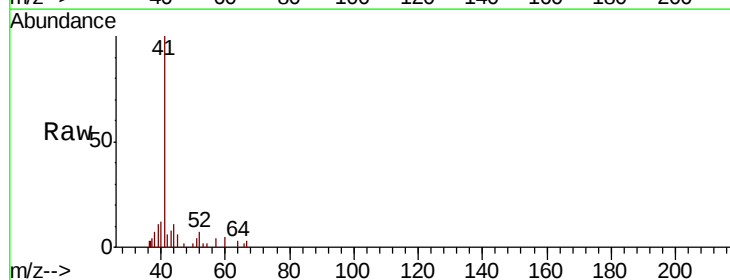
Tgt Ion: 41 Resp: 6423

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

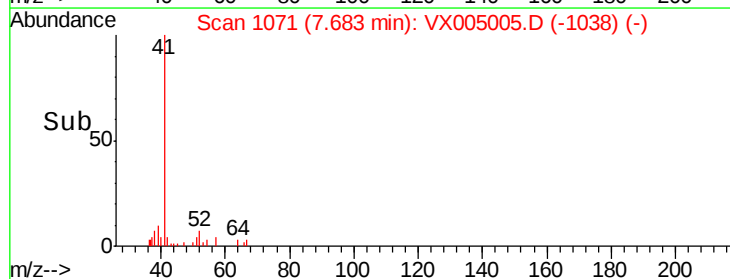
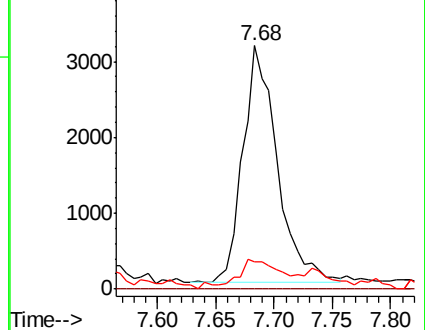
39 15.2 40.7 61.1#

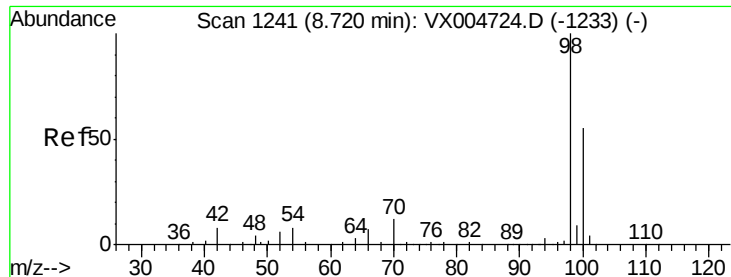


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

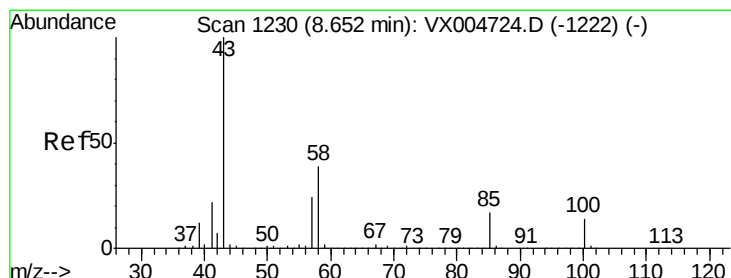
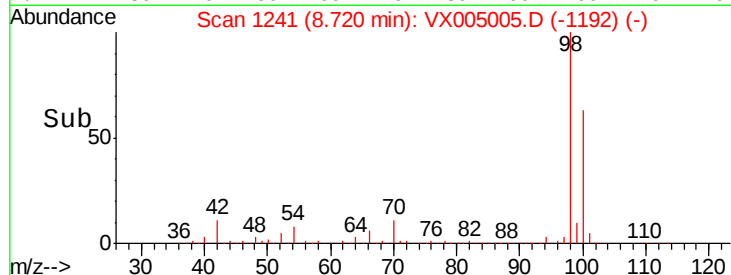
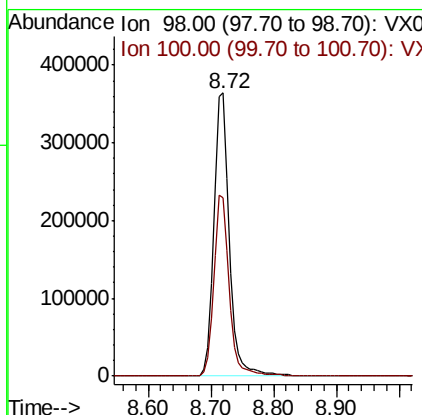
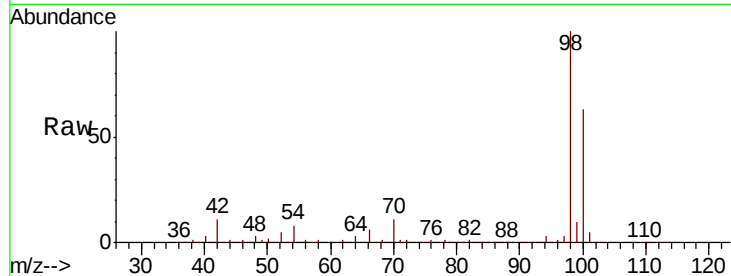




#50
Toluene-d8
Concen: 50.331 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

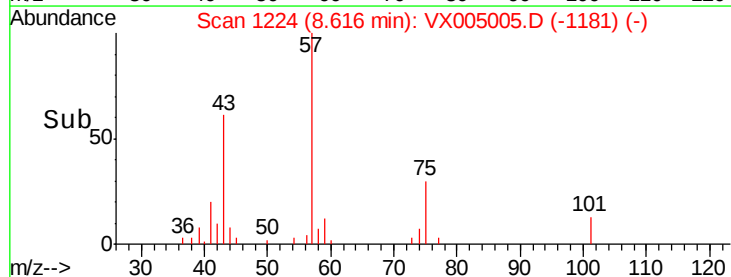
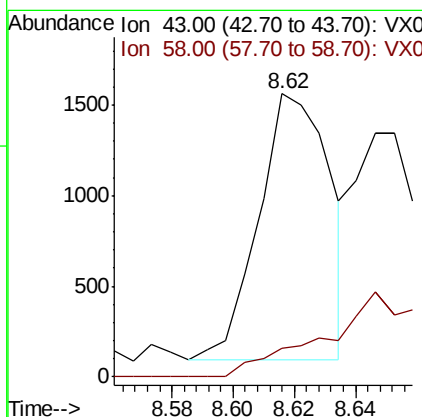
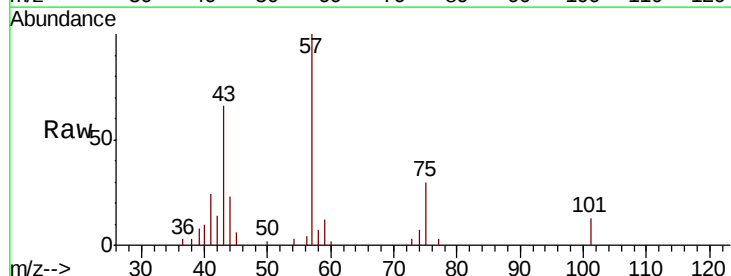
Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

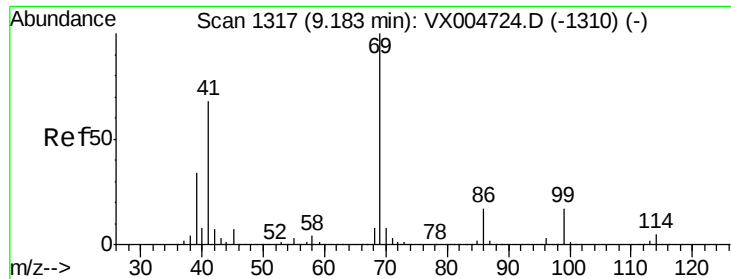
Tot Ion: 98 Resp: 620935
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.389 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.04 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
58 0.0 30.5 45.7#





#56

Ethyl methacrylate

Concen: 2.891 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.18 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

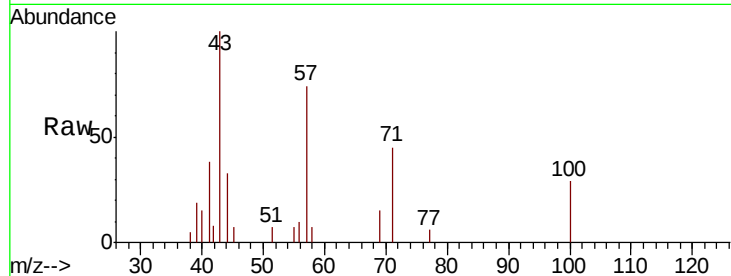
Tot Ion: 69 Resp: 191

Ion Ratio Lower Upper

69 100

41 292.1 56.9 85.3#

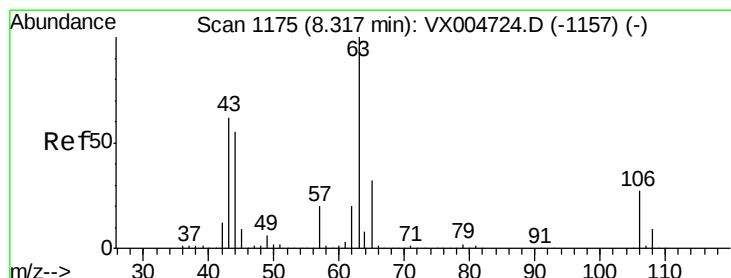
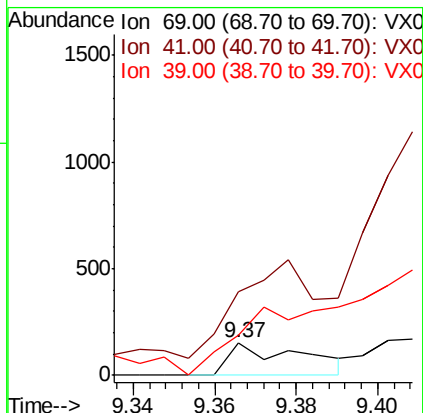
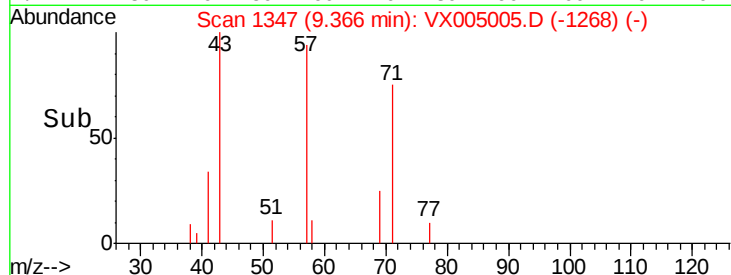
39 0.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.248 ug/l

RT: 8.33 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX005005.D

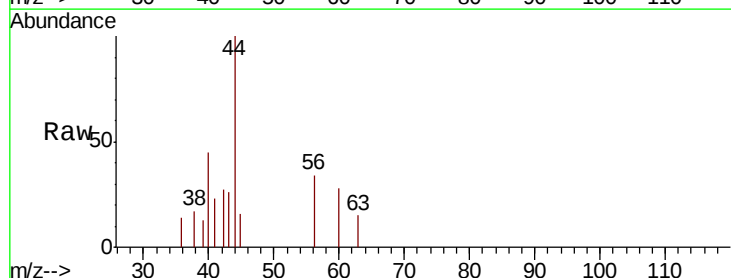
Acq: 04 Oct 2018 08:14

Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

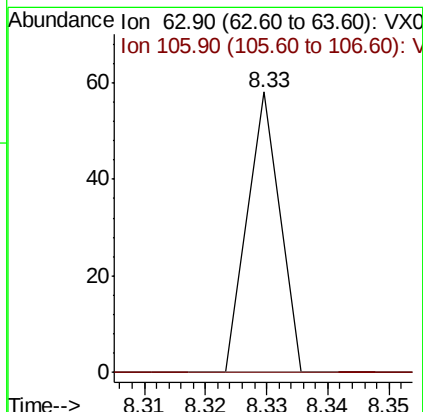
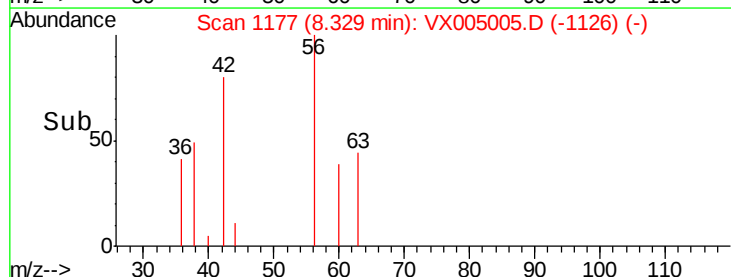
63 100

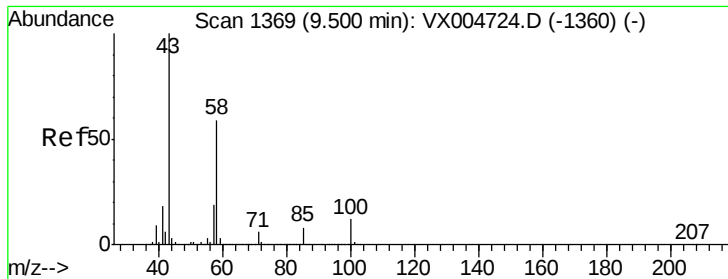
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

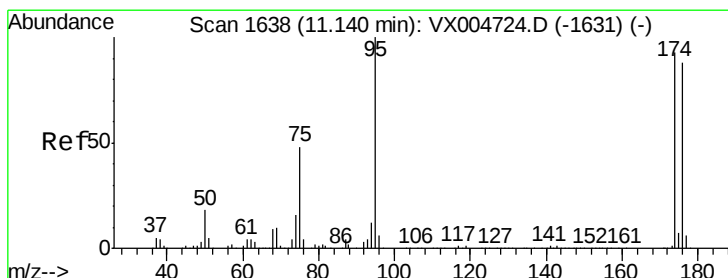
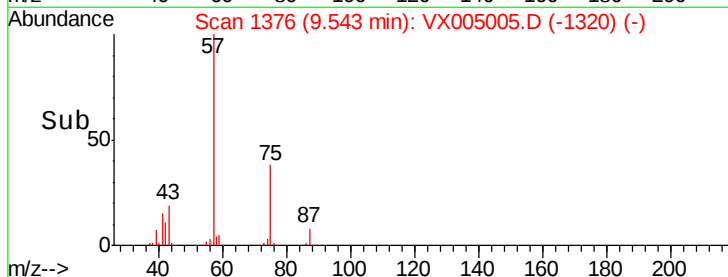
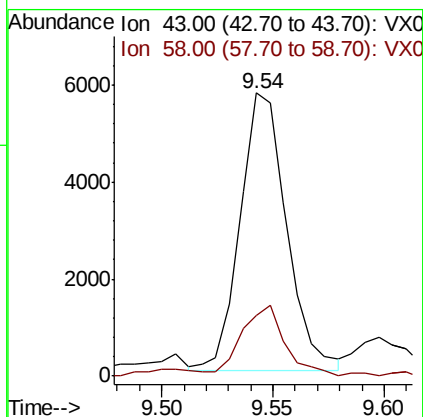
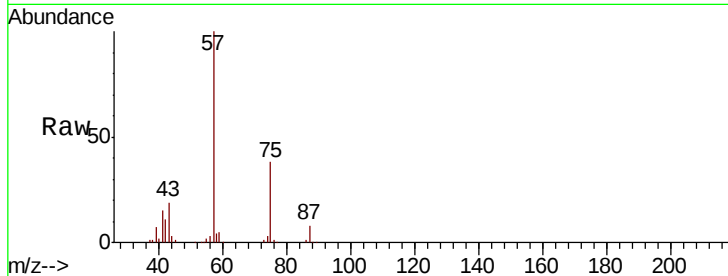




#59
2-Hexanone
Concen: 1.632 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

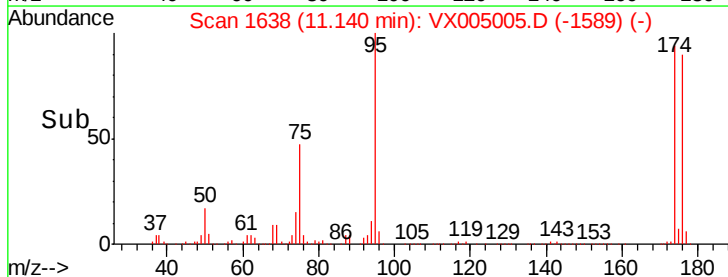
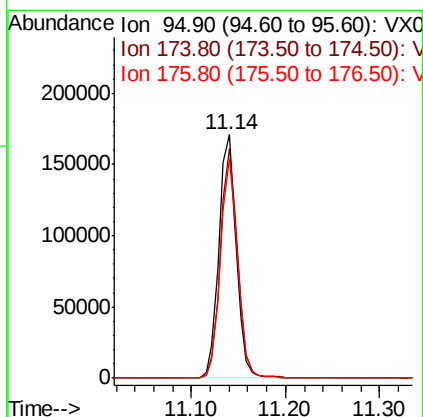
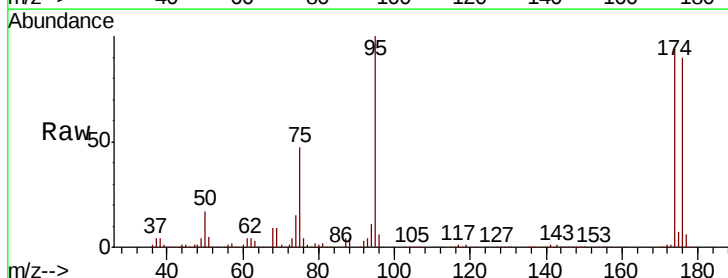
Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

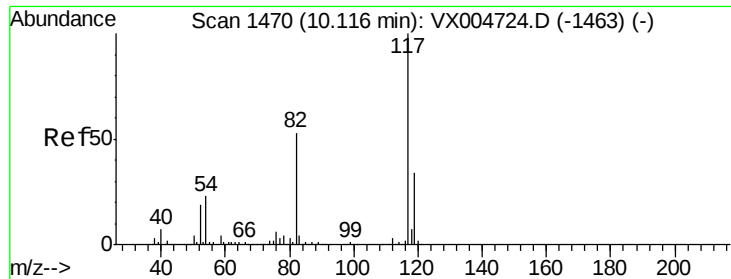
Tot Ion: 43 Resp: 8304
Ion Ratio Lower Upper
43 100
58 24.4 28.4 85.3#



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

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

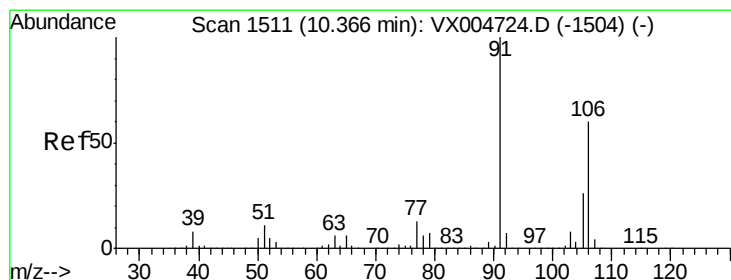
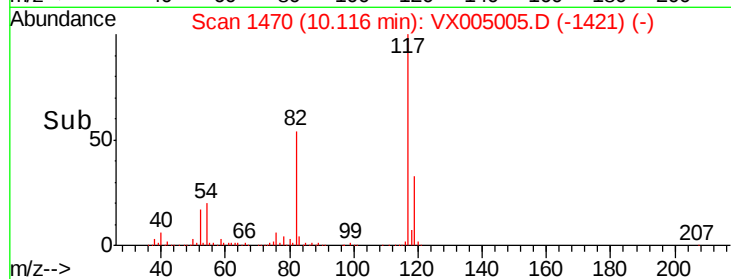
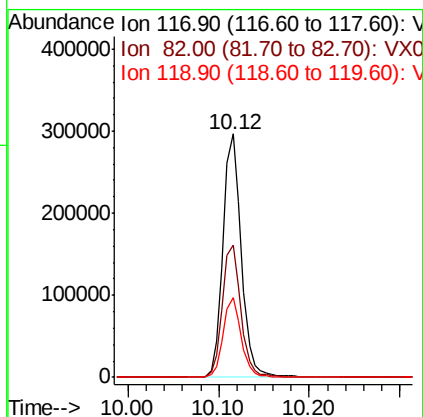
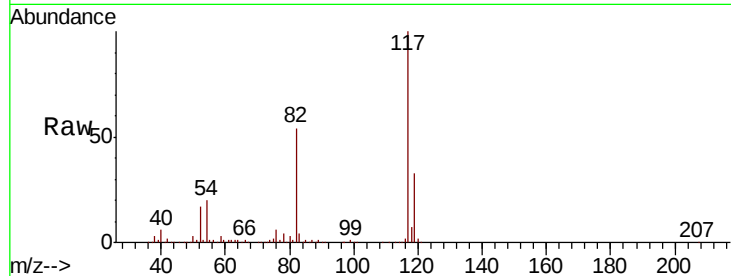




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

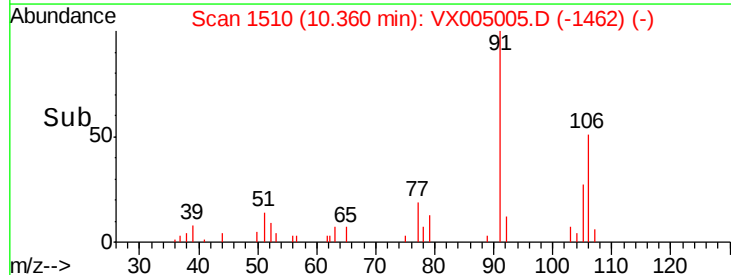
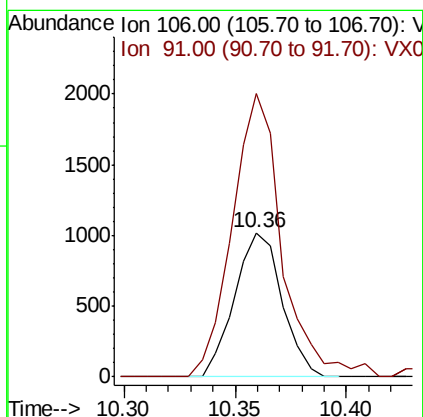
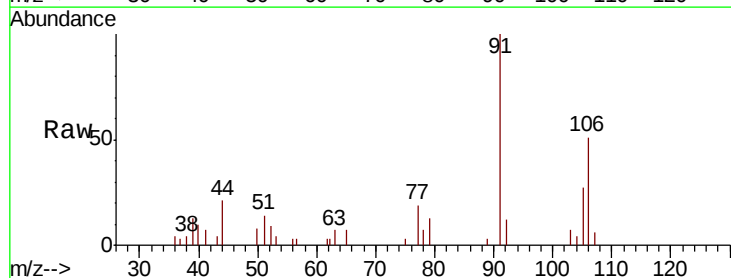
Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

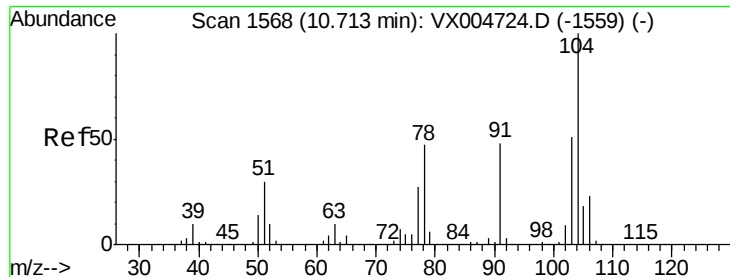
Tot Ion:117 Resp: 419602
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 32.6 27.4 41.0



#68
m/p-Xylenes
Concen: 0.225 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

Tgt Ion:106 Resp: 1505
Ion Ratio Lower Upper
106 100
91 207.2 157.5 236.3

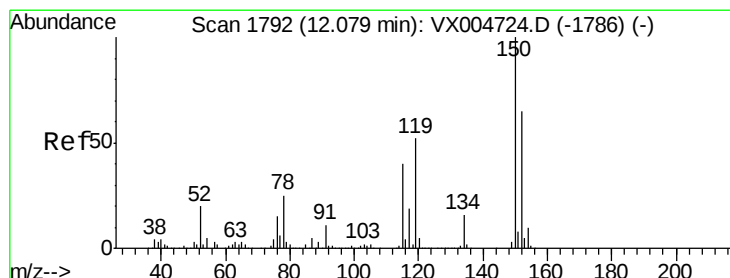
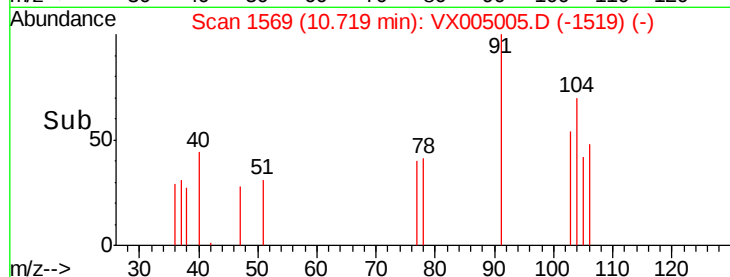
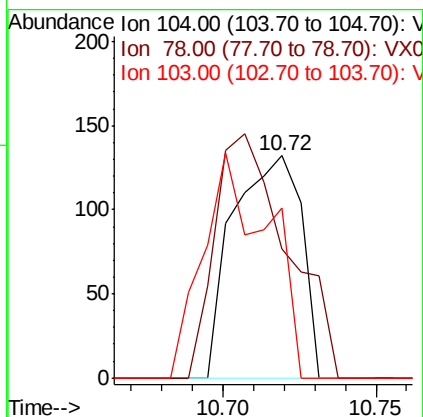
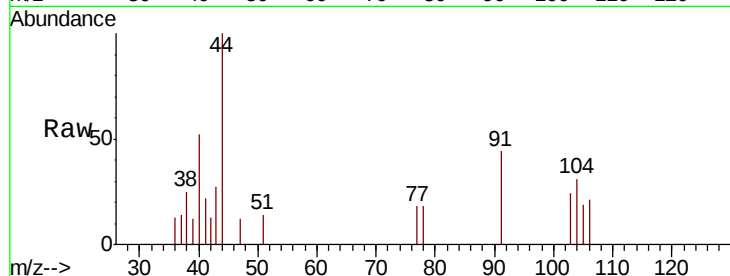




#70
Stvrene
Concen: 2.157 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

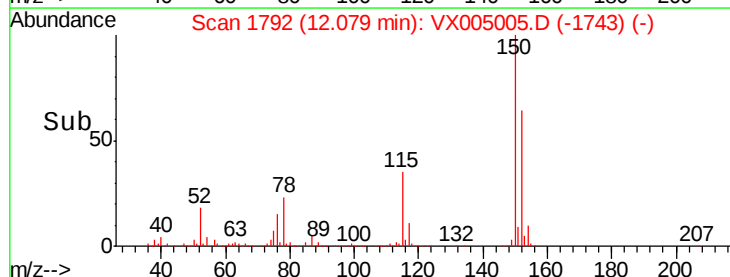
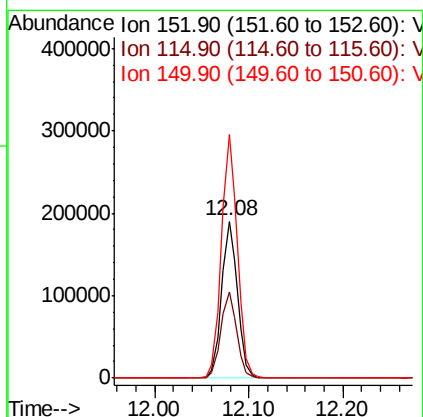
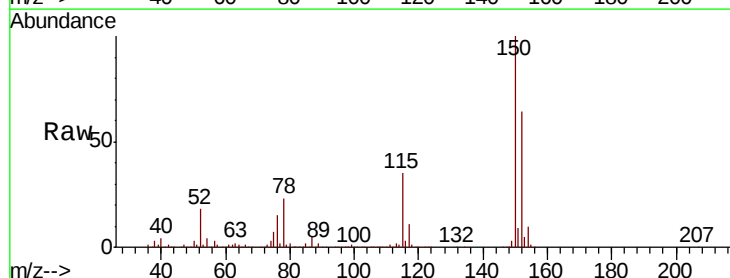
Instrument :
MSVOA_X
ClientSampleId :
CB-1018-S-TCLP-GRID50-1

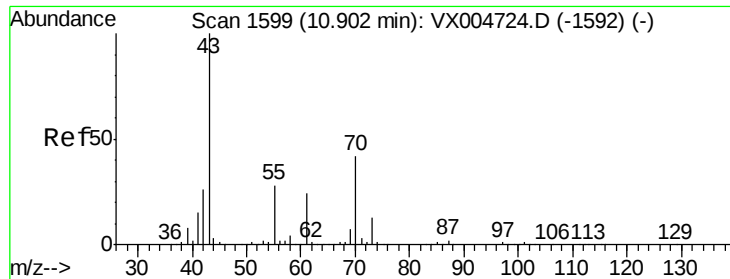
Tot Ion:104 Resp: 204
Ion Ratio Lower Upper
104 100
78 117.2 40.0 60.0#
103 96.6 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005005.D
Acq: 04 Oct 2018 08:14

Tgt Ion:152 Resp: 222270
Ion Ratio Lower Upper
152 100
115 54.9 40.2 120.6
150 156.0 0.0 351.0





#74

N-amvl acetate

Concen: 1.763 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

Tot Ion: 43 Resp: 124

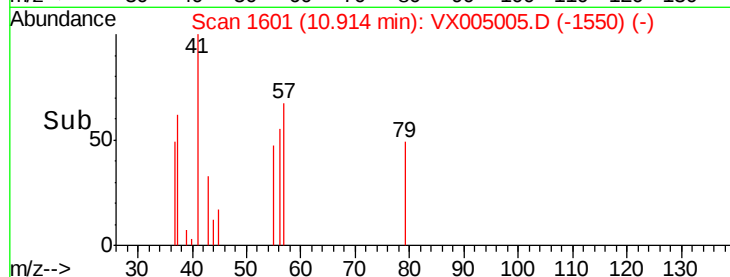
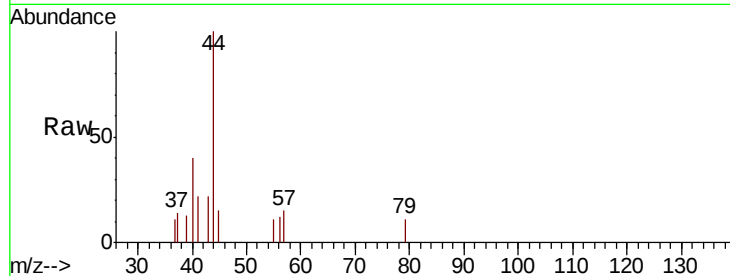
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 56.5 21.6 32.4#

61 0.0 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

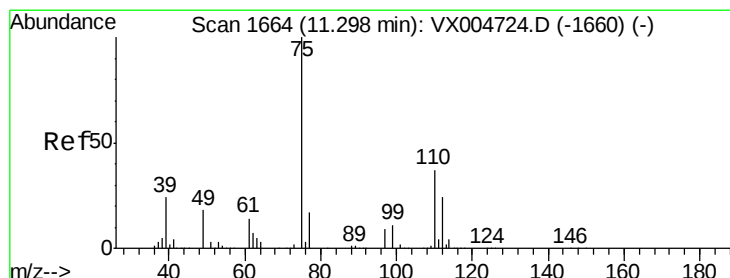
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Time-->

10.90 10.91 10.92



#76

1,2,3-Trichloropropane

Concen: 21.345 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005005.D

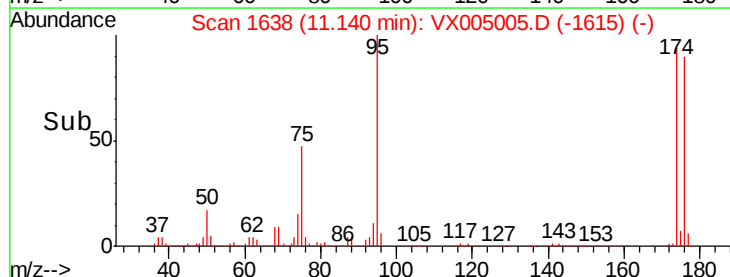
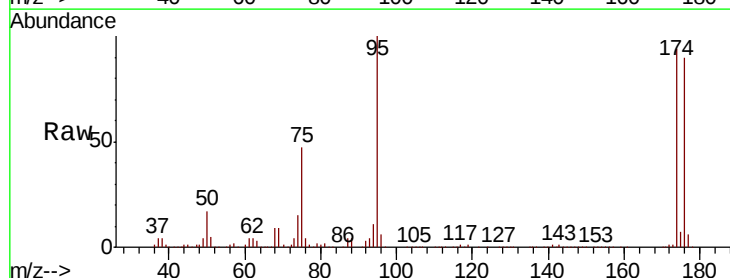
Acq: 04 Oct 2018 08:14

Tgt Ion: 75 Resp: 106338

Ion Ratio Lower Upper

75 100

77 1.4 21.4 64.3#

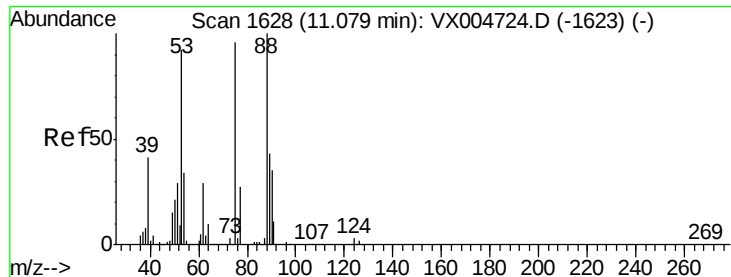


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->

11.10 11.14 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 57.889 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

Instrument :

MSVOA_X

ClientSampleId :

CB-1018-S-TCLP-GRID50-1

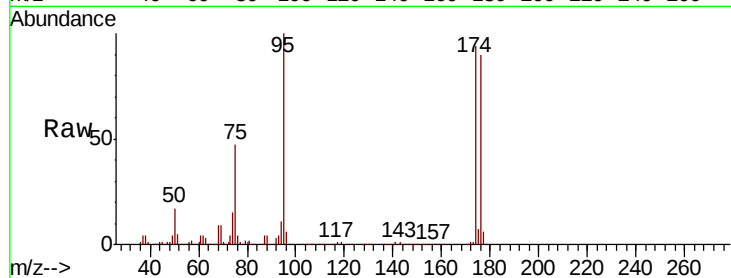
Tot Ion: 75 Resp: 106338

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.4#

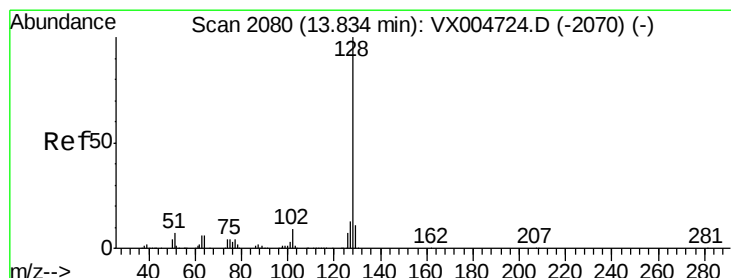
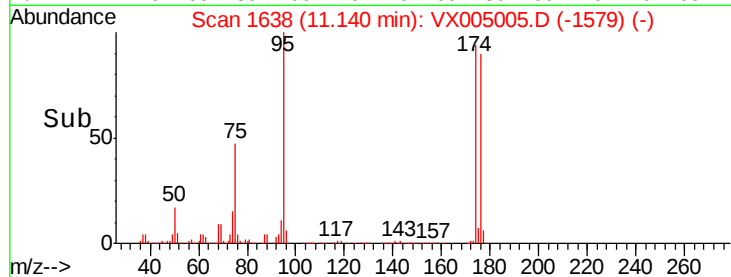
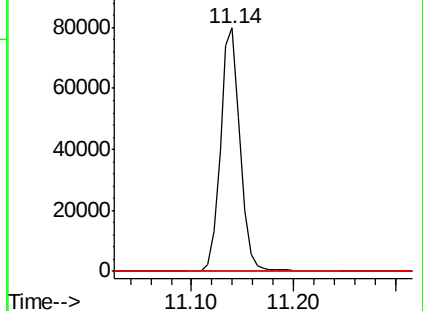
89 0.0 37.1 55.7#



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



#95

Naphthalene

Concen: 1.823 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005005.D

Acq: 04 Oct 2018 08:14

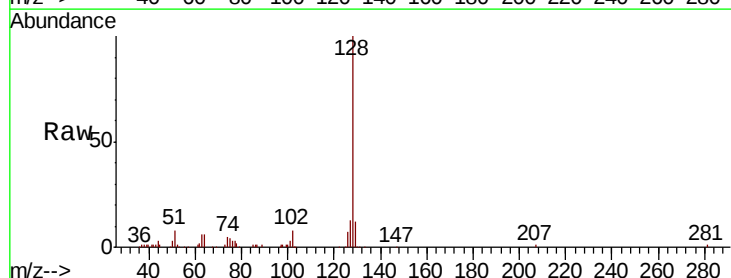
Tgt Ion:128 Resp: 20691

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

