

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049939.D
 Acq On : 20 Jul 2018 1:56
 Operator : MD\SY
 Sample : J3620-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-TCLP-11-3-0718

Quant Time: Jul 20 03:11:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	543955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	928410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	764661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	280181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	393092	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
35) Dibromofluoromethane	7.59	113	346300	44.43	ug/l	0.00
Spiked Amount			Recovery	=	88.86%	
50) Toluene-d8	10.09	98	1229074	43.28	ug/l	0.00
Spiked Amount			Recovery	=	86.56%	
62) 4-Bromofluorobenzene	12.40	95	331238	33.87	ug/l	0.00
Spiked Amount			Recovery	=	67.74%	

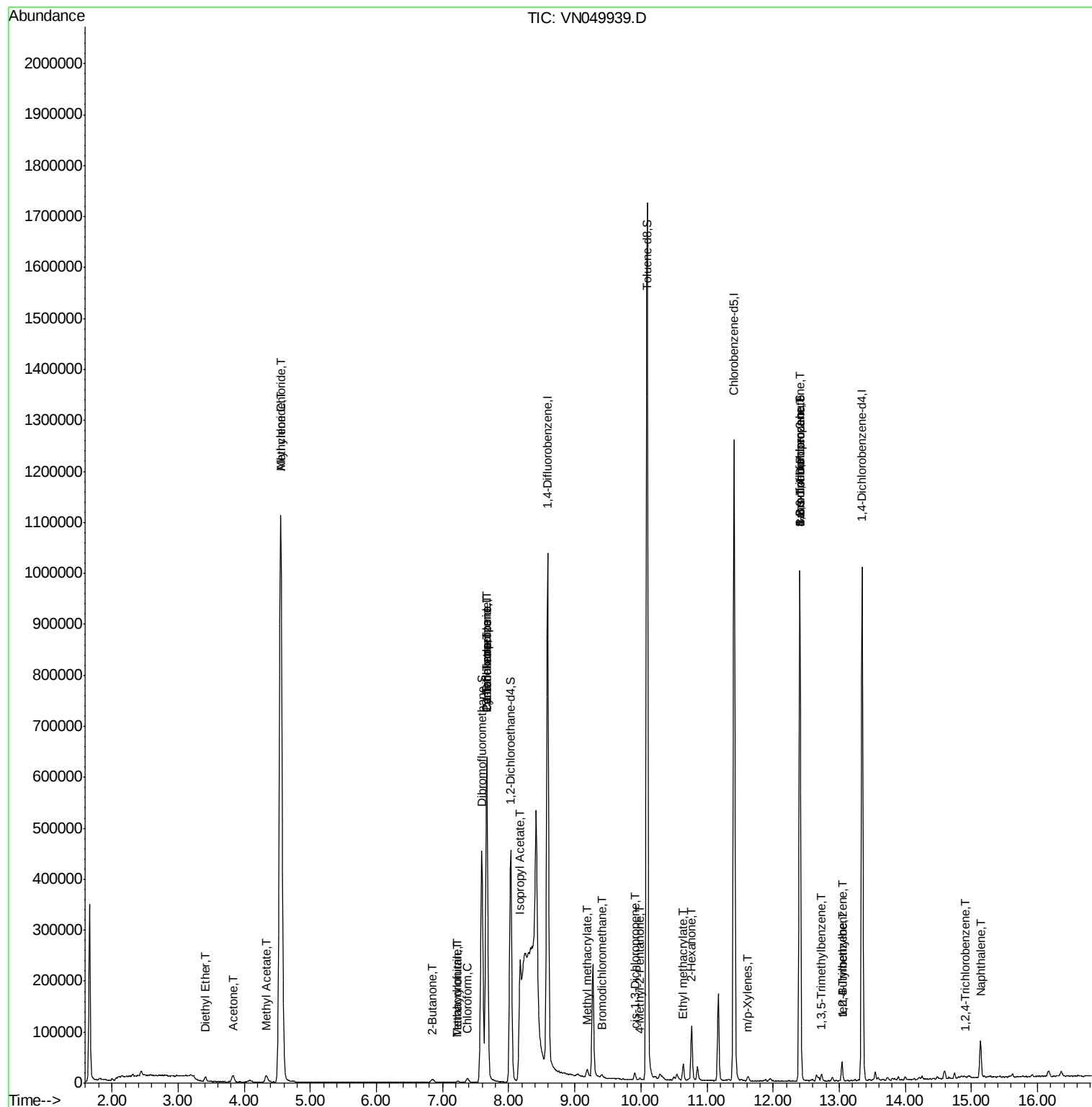
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	843	Below Cal		92
8) Diethyl Ether	3.41	74	4339	1.14	ug/l	98
14) Allyl chloride	4.55	41	28837	3.10	ug/l #	25
16) Acetone	3.82	43	21776	11.25	ug/l	100
18) Methyl Acetate	4.33	43	24996	3.34	ug/l	97
20) Methylene Chloride	4.55	84	861280	117.00	ug/l	98
25) 2-Butanone	6.85	43	3471	1.25	ug/l	94
29) Tetrahydrofuran	7.22	42	1469	0.84	ug/l #	64
30) Chloroform	7.37	83	7558	0.60	ug/l	93
31) Cyclohexane	7.67	56	10046	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38448	3.72	ug/l #	48
38) Carbon Tetrachloride	7.67	117	49039	4.43	ug/l #	16
41) Methacrylonitrile	7.22	41	1070	0.30	ug/l #	33
43) Isopropyl Acetate	8.17	43	294891	23.81	ug/l #	90
47) Bromodichloromethane	9.40	83	2923	0.27	ug/l #	84
48) Methyl methacrylate	9.18	41	7523	1.21	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	2414	0.35	ug/l	98
54) cis-1,3-Dichloropropene	9.91	75	2393	0.20	ug/l #	69
56) Ethyl methacrylate	10.64	69	535	2.21	ug/l #	1
59) 2-Hexanone	10.77	43	16427	3.53	ug/l #	54
68) m/p-Xylenes	11.62	106	2838	0.24	ug/l	94
71) Bromoform	12.41	173	2619	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	165944	31.57	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6145	0.36	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	165944	98.73	ug/l #	13
83) tert-Butylbenzene	13.04	119	3165	0.21	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.04	105	20183	1.17	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	350	3.53	ug/l #	58
95) Naphthalene	15.14	128	61547	8.71	ug/l	99

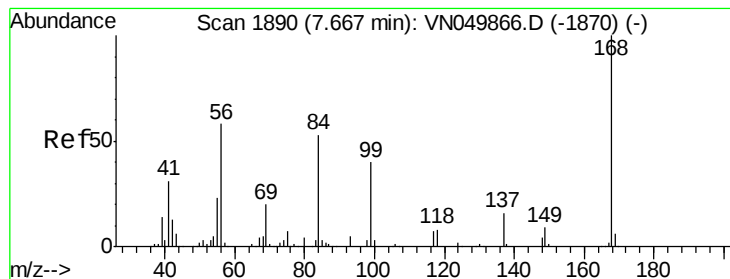
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

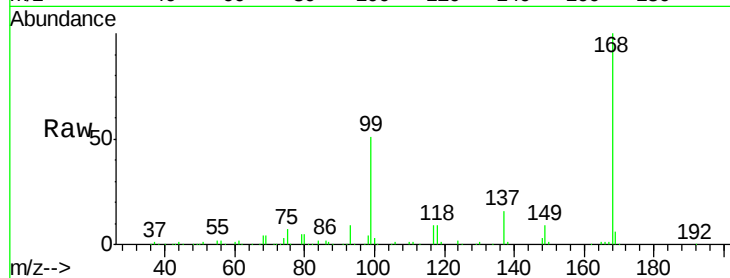
CB-TCLP-11-3-0718

Tot Ion:168 Resp: 543955

Ion Ratio Lower Upper

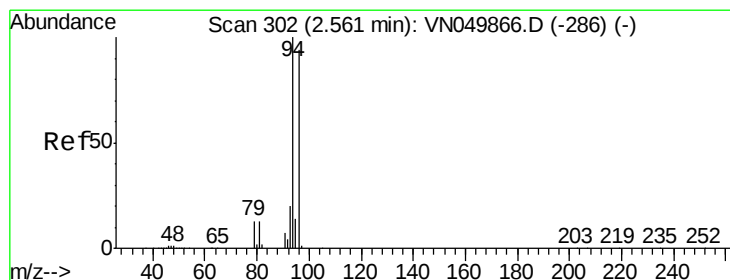
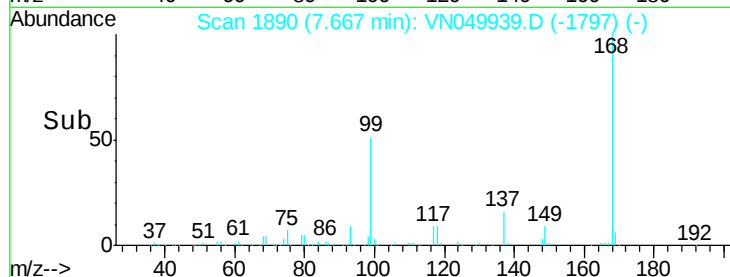
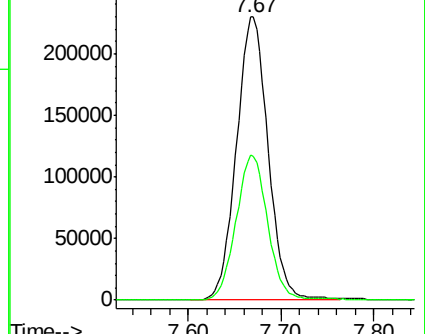
168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 307

Delta R.T. 0.02 min

Lab File: VN049939.D

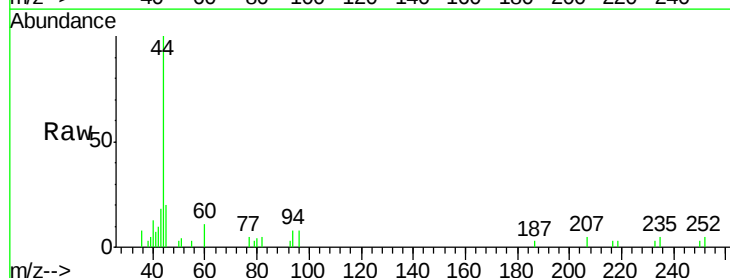
Acq: 20 Jul 2018 1:56

Tgt Ion: 94 Resp: 843

Ion Ratio Lower Upper

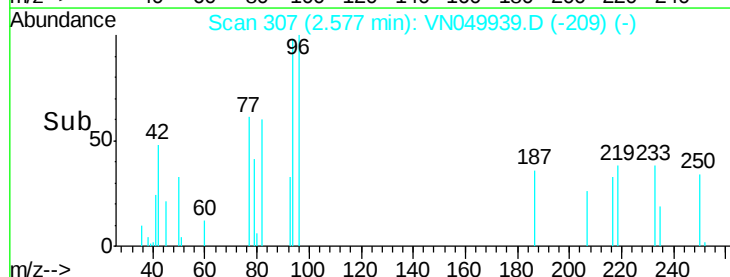
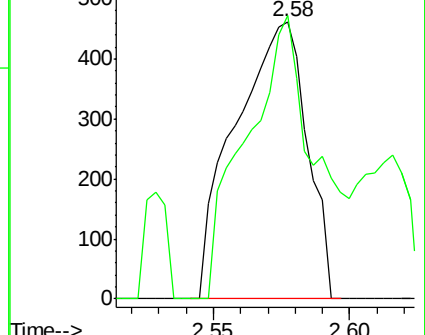
94 100

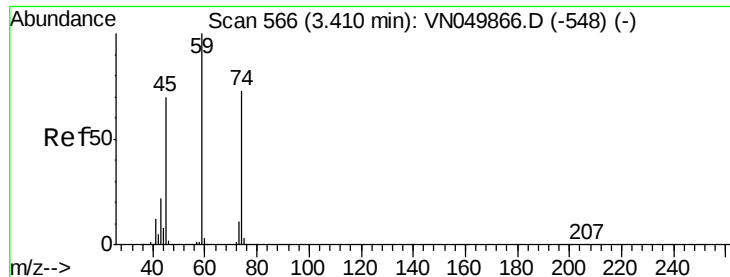
96 102.2 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#8

Diethyl Ether

Concen: 1.14 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

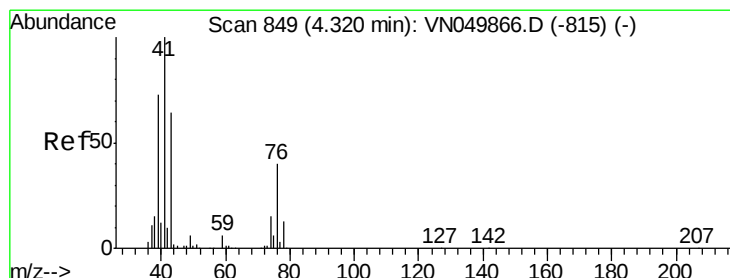
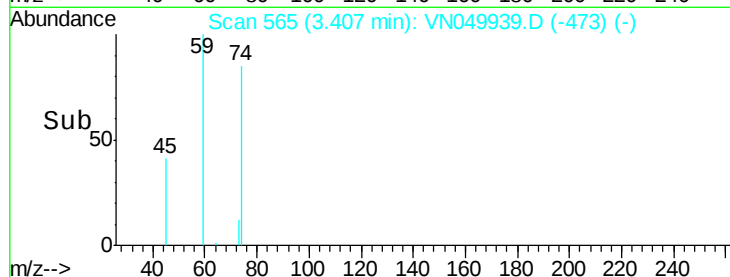
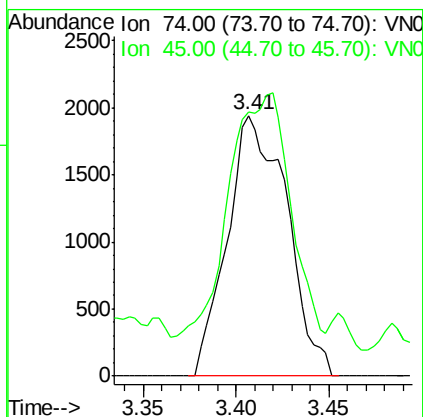
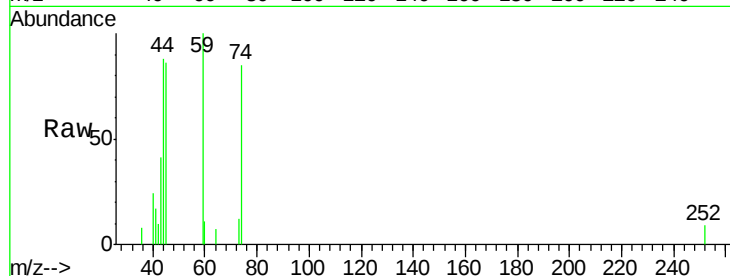
CB-TCLP-11-3-0718

Tot Ion: 74 Resp: 4339

Ion Ratio Lower Upper

74 100

45 94.7 48.4 145.2



#14

Allyl chloride

Concen: 3.10 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

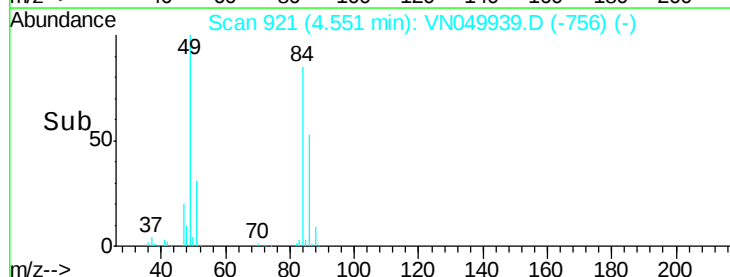
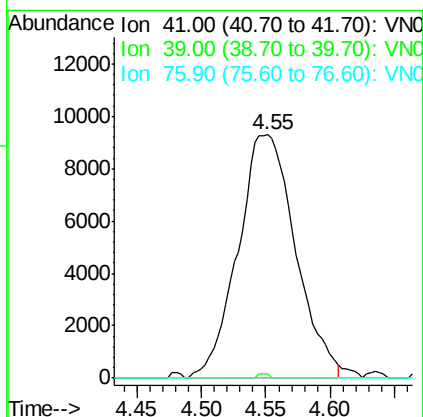
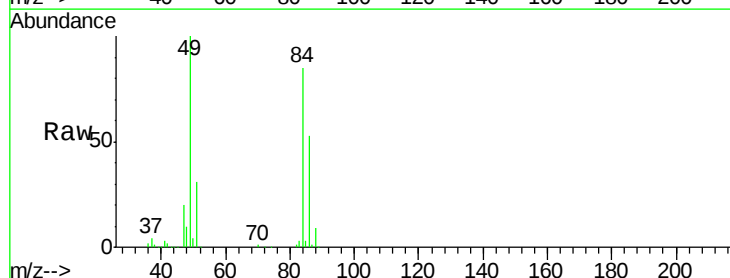
Tgt Ion: 41 Resp: 28837

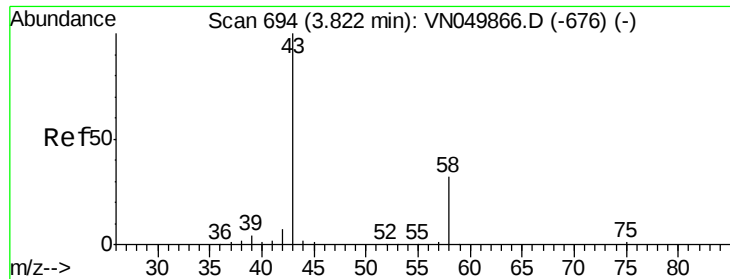
Ion Ratio Lower Upper

41 100

39 0.3 53.2 79.8#

76 0.0 29.0 43.6#





#16

Acetone

Concen: 11.25 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

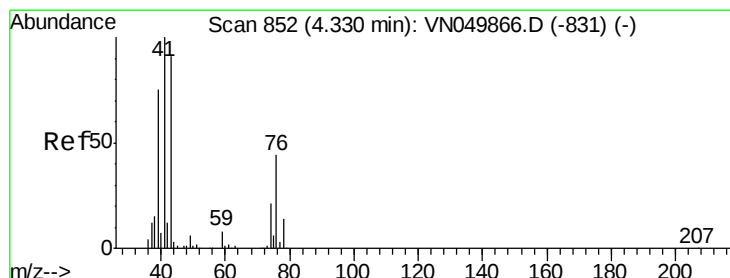
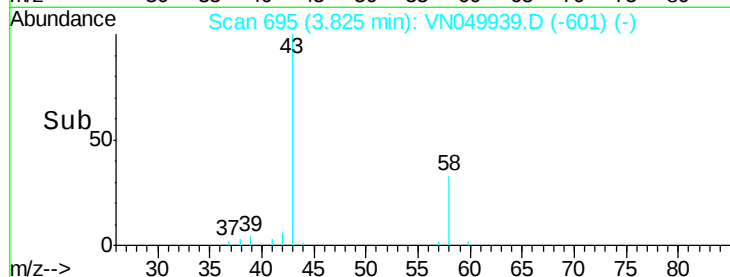
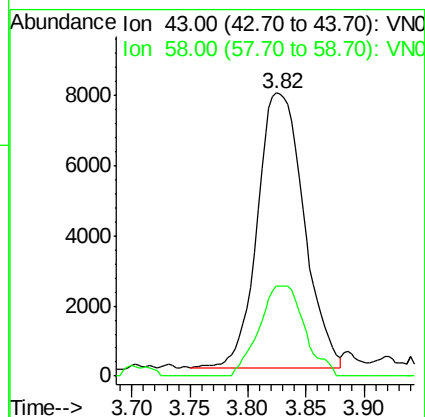
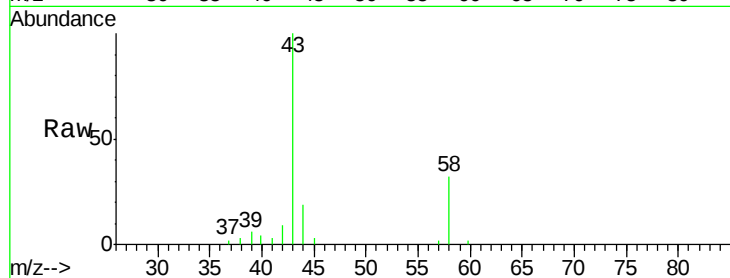
CB-TCLP-11-3-0718

Tot Ion: 43 Resp: 21776

Ion Ratio Lower Upper

43 100

58 32.7 25.9 38.9



#18

Methyl Acetate

Concen: 3.34 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049939.D

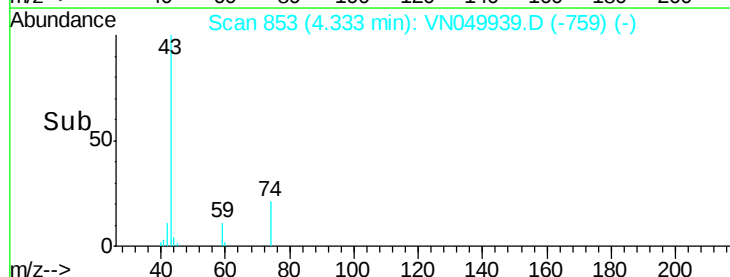
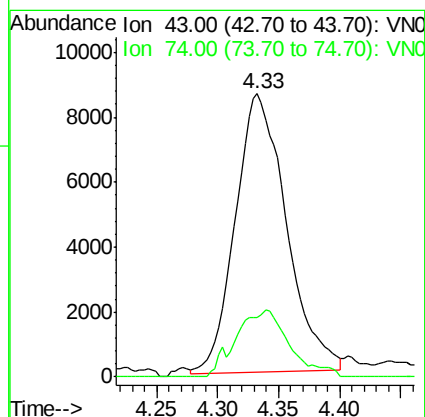
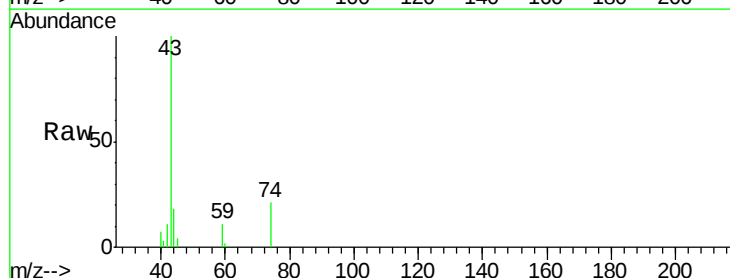
Acq: 20 Jul 2018 1:56

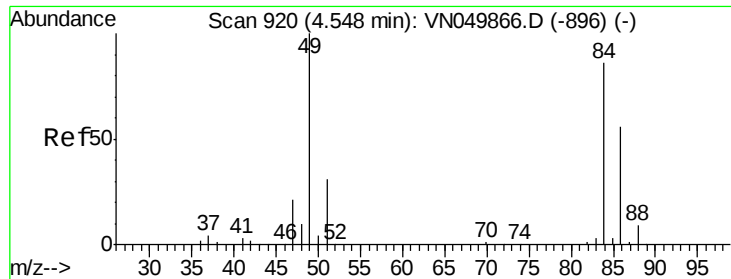
Tgt Ion: 43 Resp: 24996

Ion Ratio Lower Upper

43 100

74 23.1 19.8 29.8

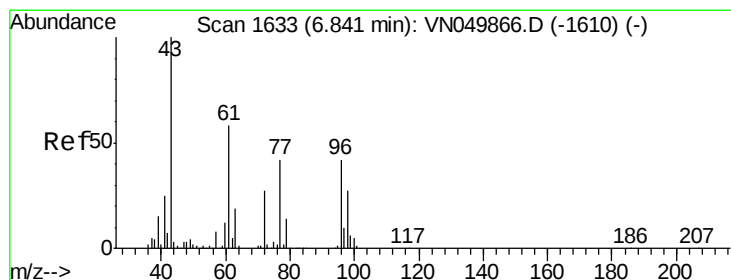
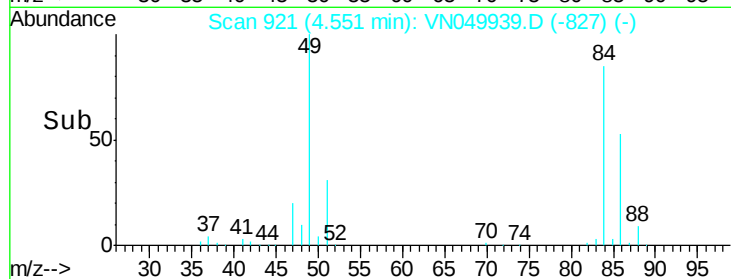
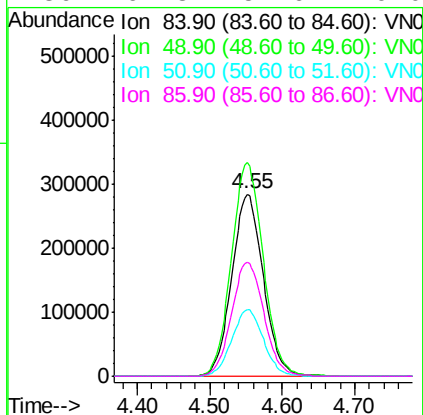
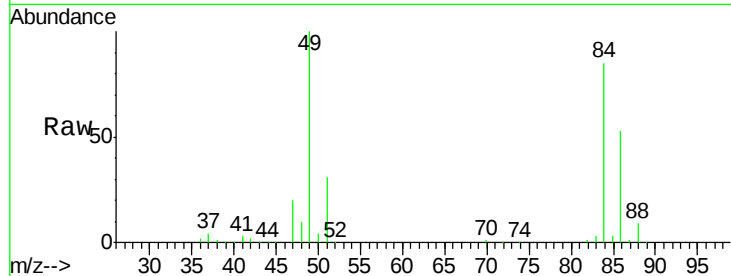




#20
Methvlene Chloride
Concen: 117.00 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

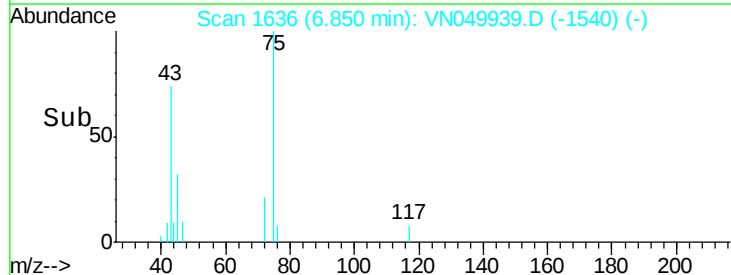
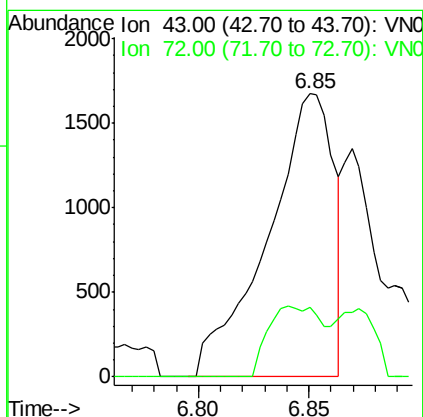
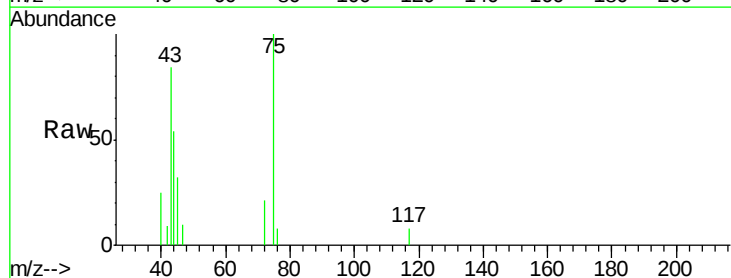
Instrument :
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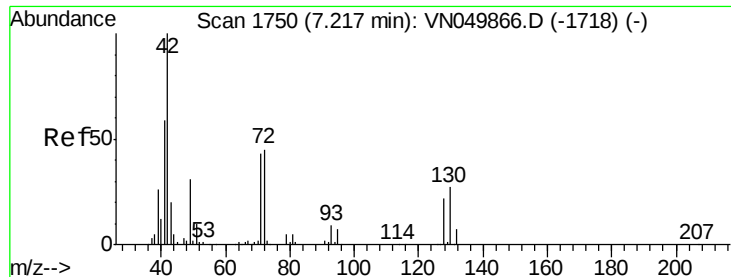
Tot Ion: 84 Resp: 861280
Ion Ratio Lower Upper
84 100
49 117.4 95.4 143.2
51 36.7 28.4 42.6
86 62.8 52.6 79.0



#25
2-Butanone
Concen: 1.25 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Tgt Ion: 43 Resp: 3471
Ion Ratio Lower Upper
43 100
72 24.7 22.1 33.1

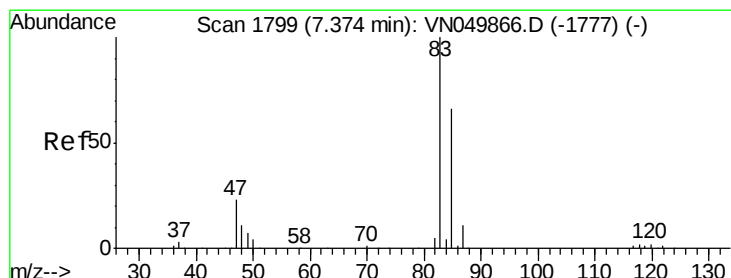
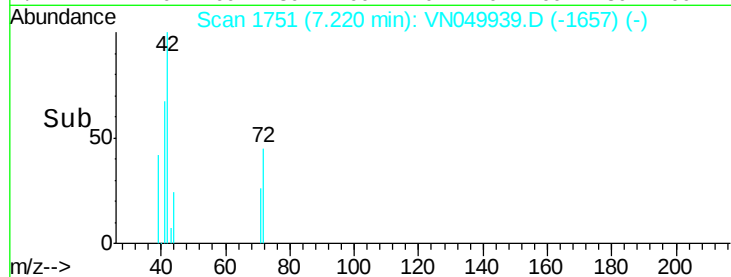
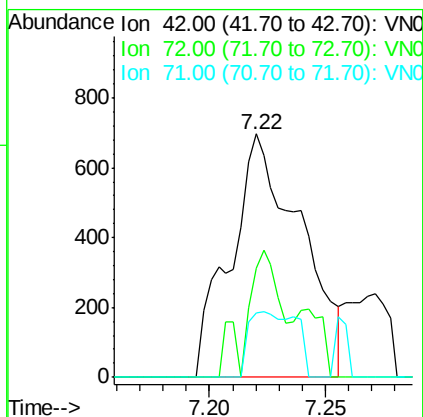
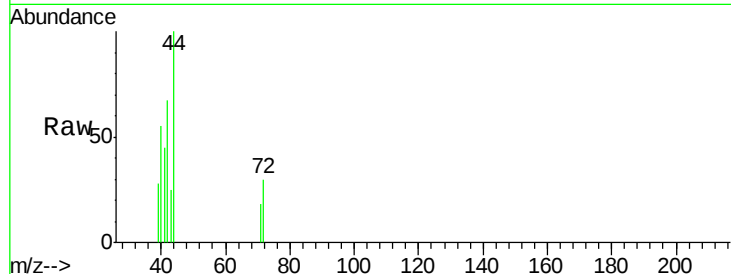




#29
Tetrahydrofuran
Concen: 0.84 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

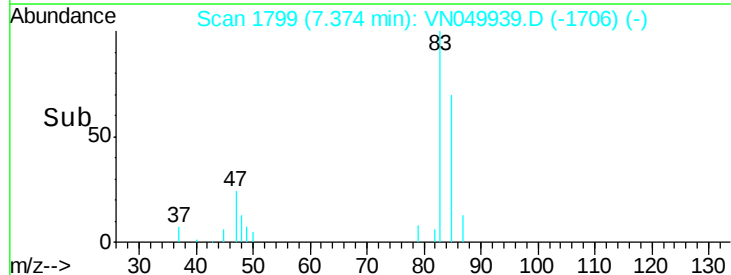
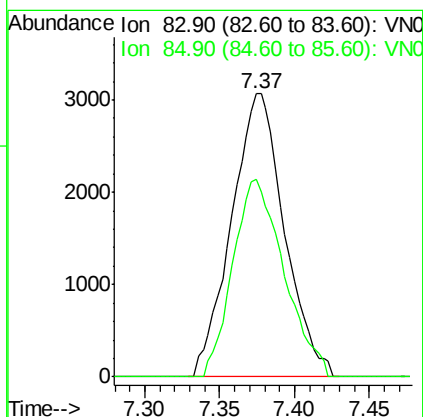
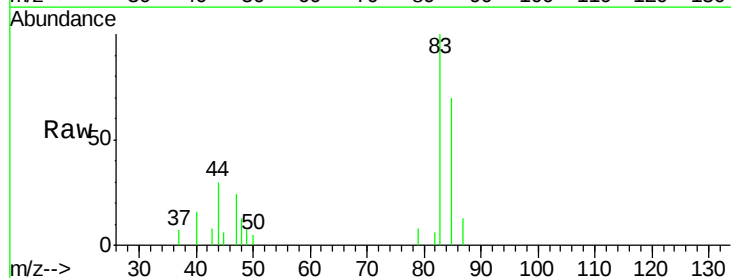
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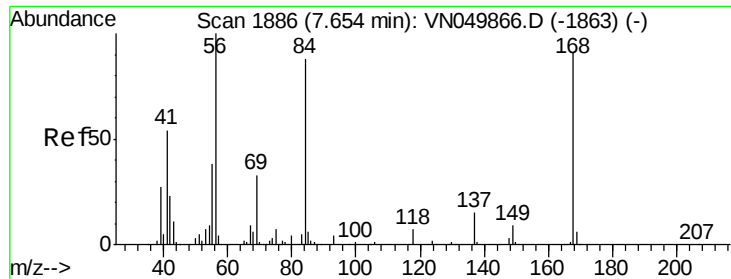
Tot Ion: 42 Resp: 1469
Ion Ratio Lower Upper
42 100
72 22.8 35.6 53.4#
71 18.1 34.0 51.0#



#30
Chloroform
Concen: 0.60 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Tgt Ion: 83 Resp: 7558
Ion Ratio Lower Upper
83 100
85 69.7 51.4 77.2

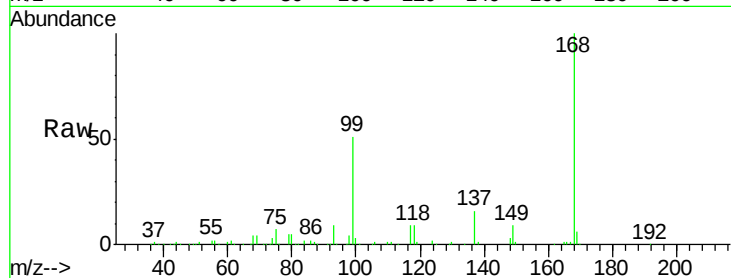




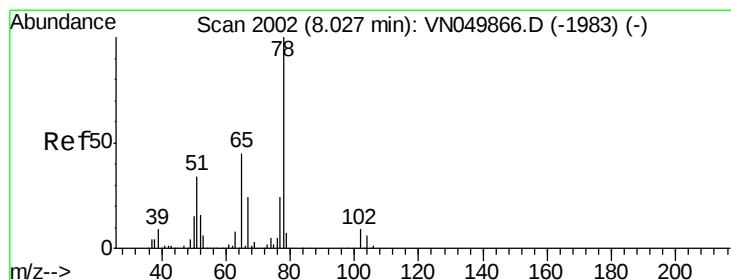
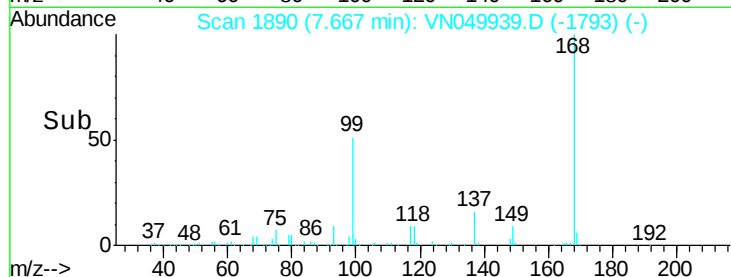
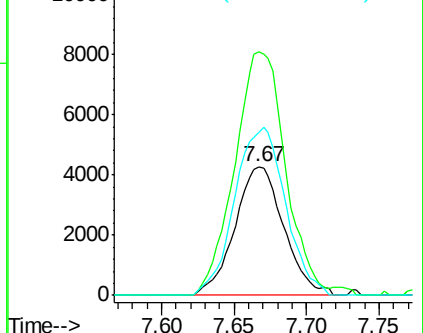
#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Instrument :
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CB-TCLP-11-3-0718

Tot Ion: 56 Resp: 10046
Ion Ratio Lower Upper
56 100
69 189.3 26.6 40.0#
84 126.8 69.0 103.6#

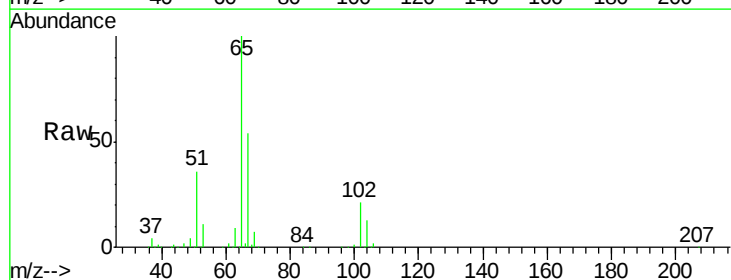


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

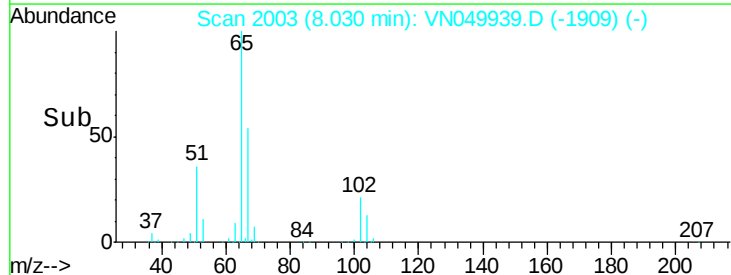
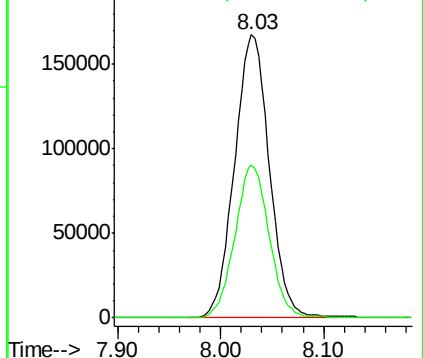


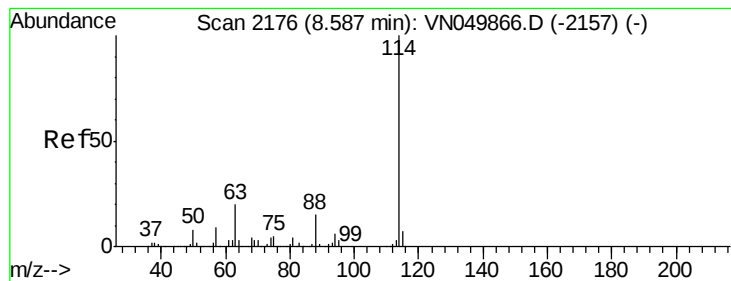
#33
1,2-Dichloroethane-d4
Concen: 52.58 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Tgt Ion: 65 Resp: 393092
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

CB-TCLP-11-3-0718

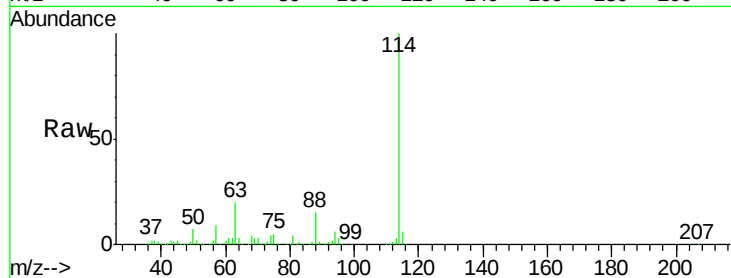
Tot Ion:114 Resp: 928410

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

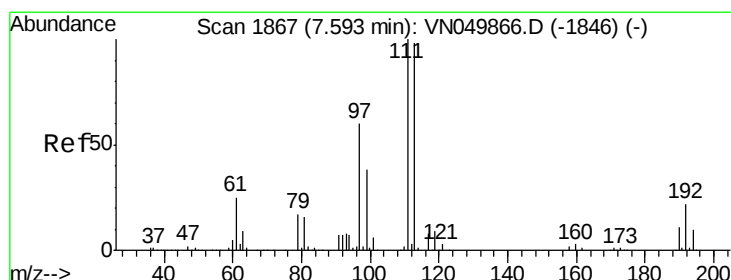
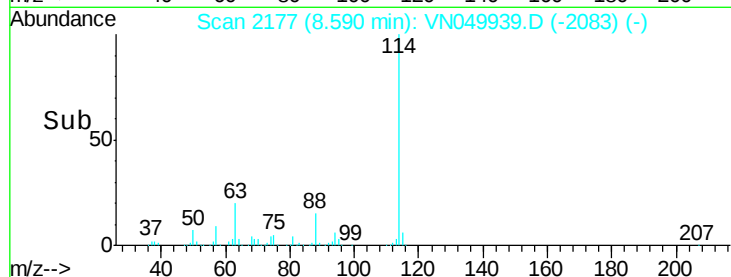
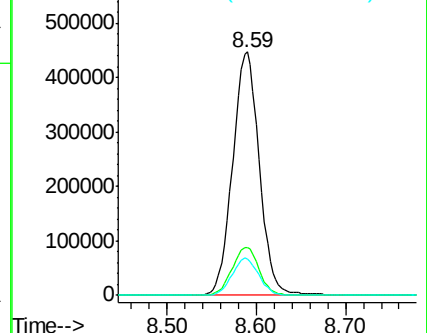
88 15.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 44.43 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

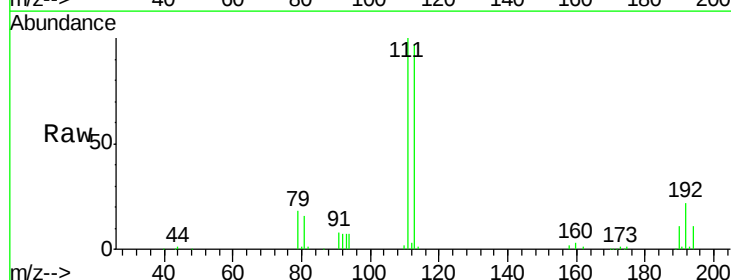
Tgt Ion:113 Resp: 346300

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

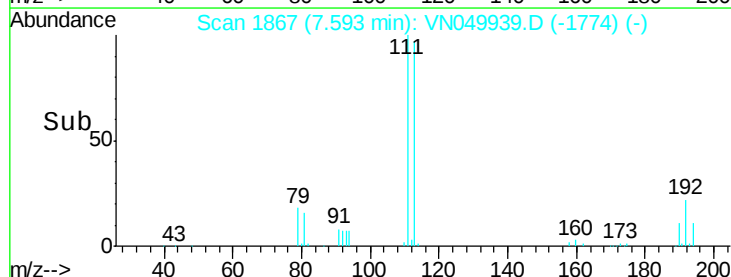
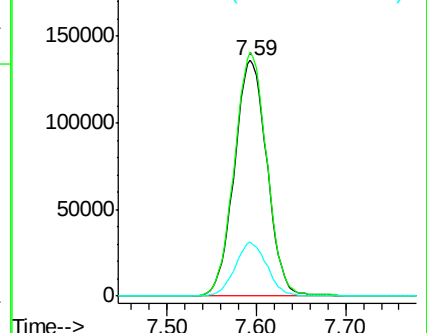
192 22.2 17.8 26.6

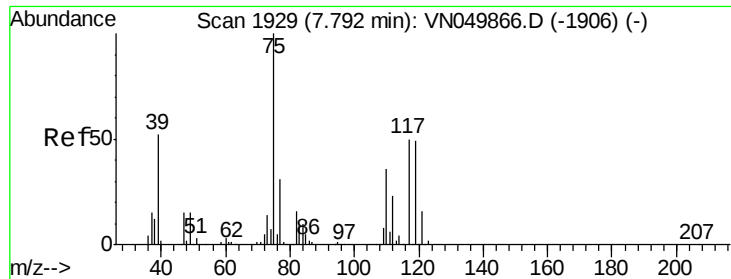


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

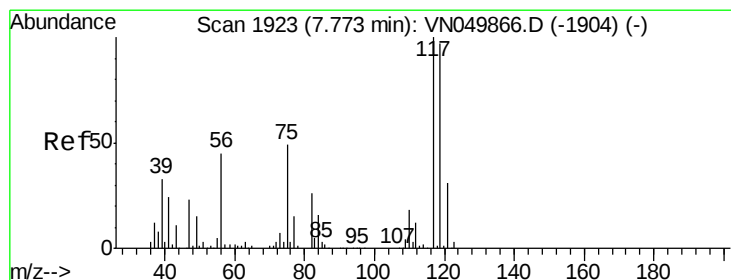
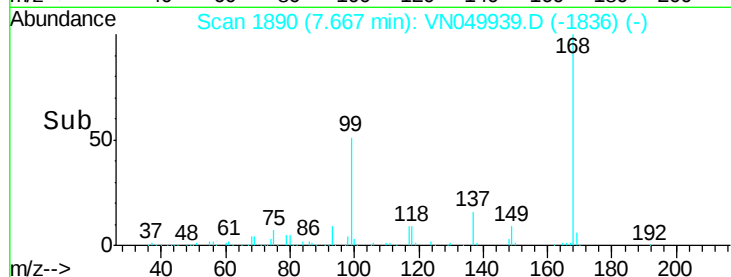
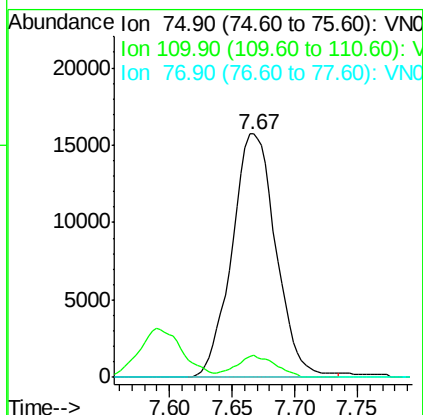
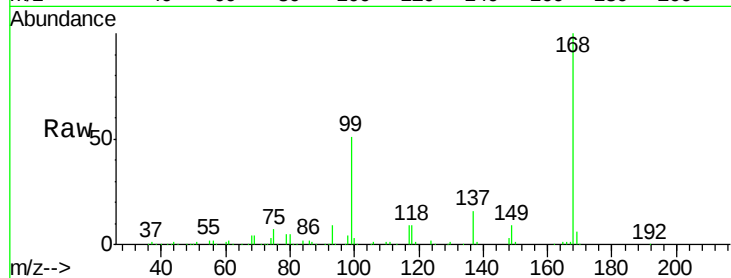




#36
 1,1-Dichloropropene
 Concen: 3.72 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049939.D
 Acq: 20 Jul 2018 1:56

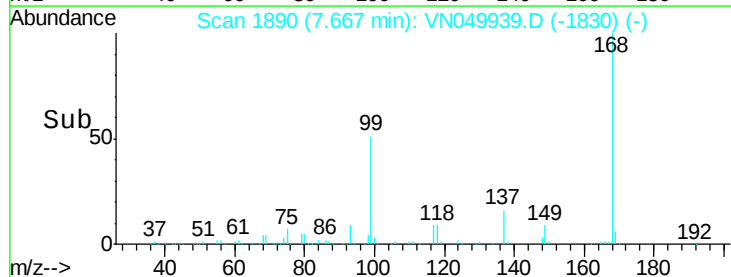
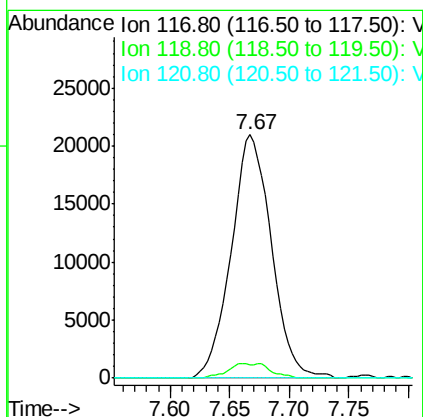
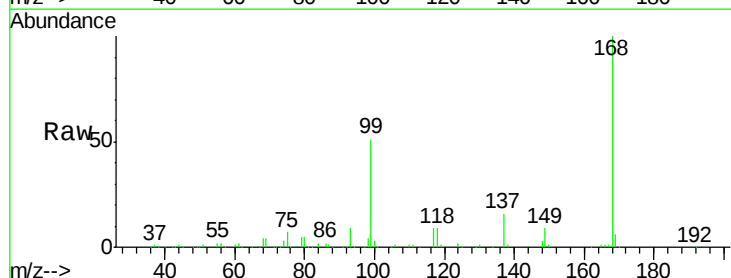
Instrument :
 MSVOA_N
 ClientSampleId :
 CB-TCLP-11-3-0718

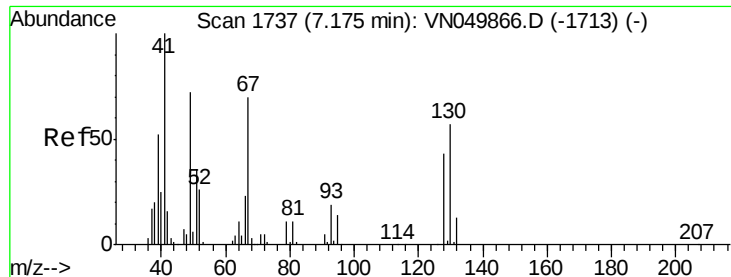
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.4#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.43 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049939.D
 Acq: 20 Jul 2018 1:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.2	115.8#
121	0.0	25.0	37.6#

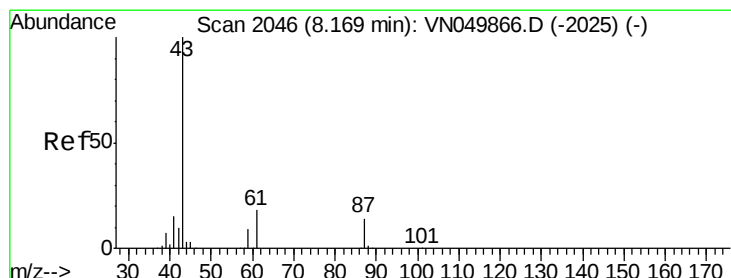
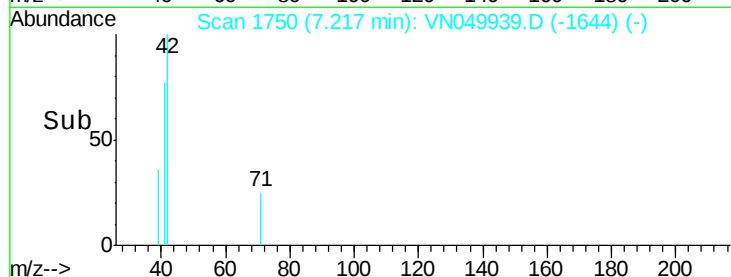
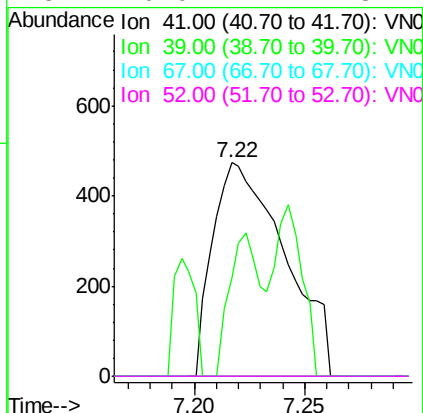
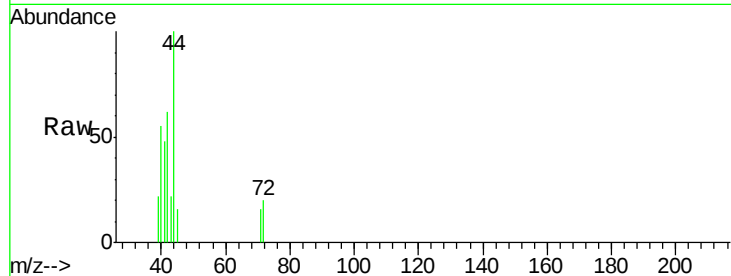




#41
Methacrylonitrile
Concen: 0.30 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

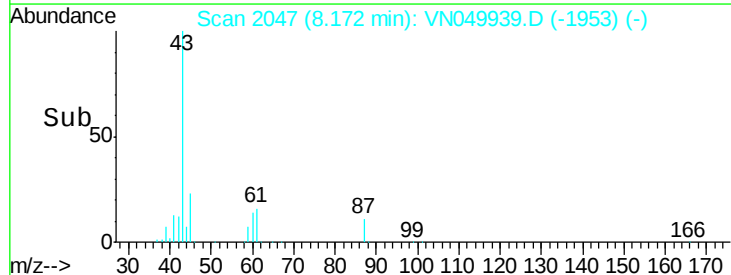
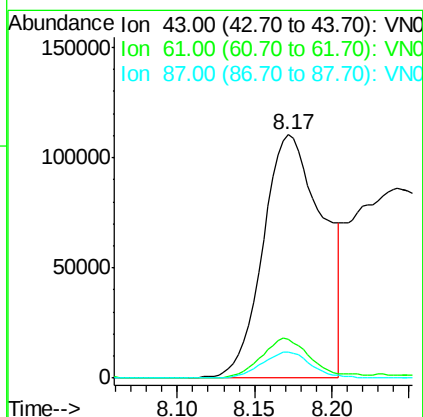
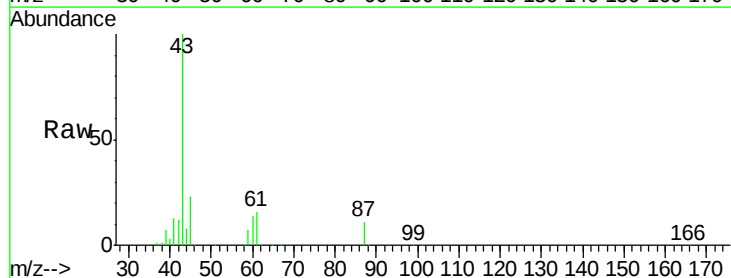
Instrument :
MSVOA_N
ClientSampleId :
CB-TCLP-11-3-0718

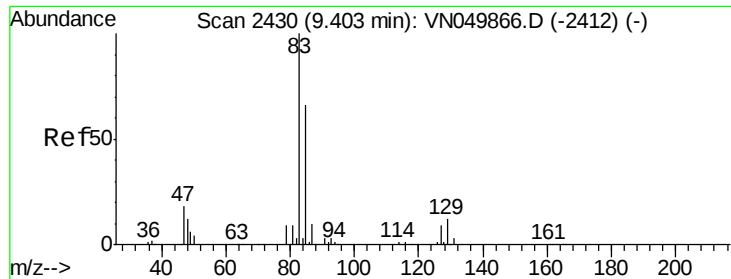
Tot Ion	Ratio	Lower	Upper
41	100		
39	29.5	45.4	68.2#
67	0.0	65.4	98.0#
52	0.0	24.7	37.1#



#43
Isopropyl Acetate
Concen: 23.81 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	14.9	22.3#
87	9.0	10.0	15.0#





#47

Bromodichloromethane

Concen: 0.27 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

CB-TCLP-11-3-0718

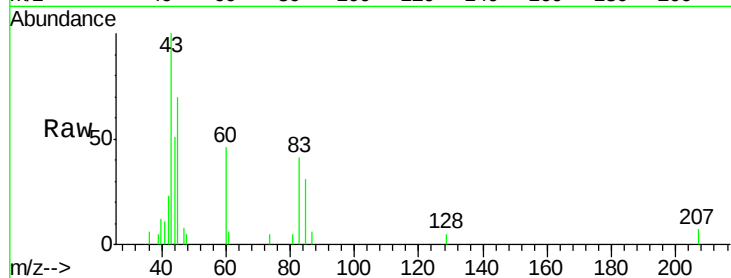
Tot Ion: 83 Resp: 2923

Ion Ratio Lower Upper

83 100

85 75.1 50.5 75.7

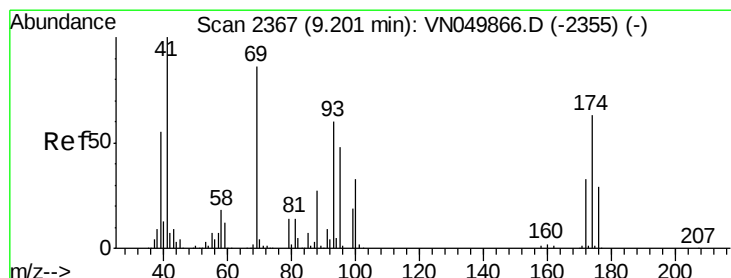
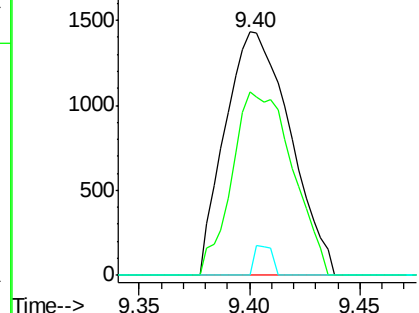
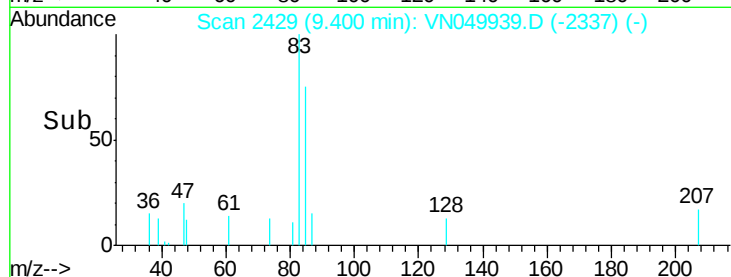
127 0.0 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN049939.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049939.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049939.D (-2337) (-)



#48

Methyl methacrylate

Concen: 1.21 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

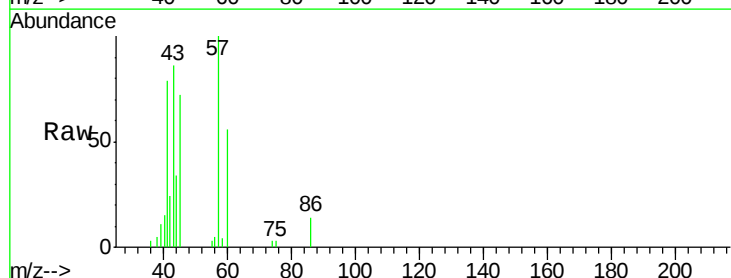
Tgt Ion: 41 Resp: 7523

Ion Ratio Lower Upper

41 100

69 0.0 71.5 107.3#

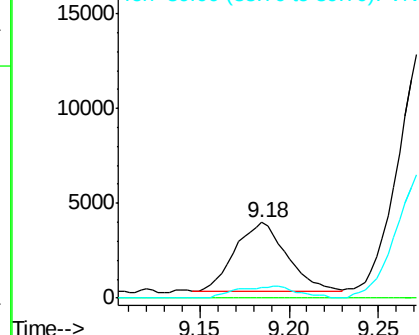
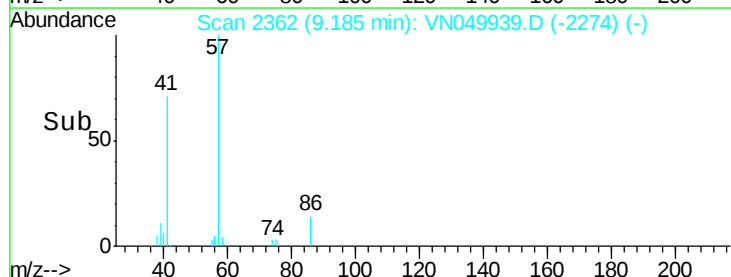
39 20.3 44.7 67.1#

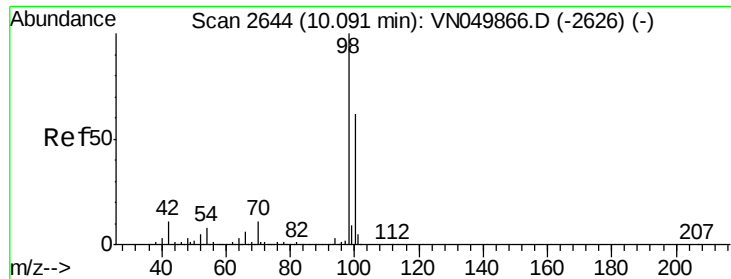


Abundance Ion 41.00 (40.70 to 41.70): VN049939.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049939.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049939.D (-2274) (-)

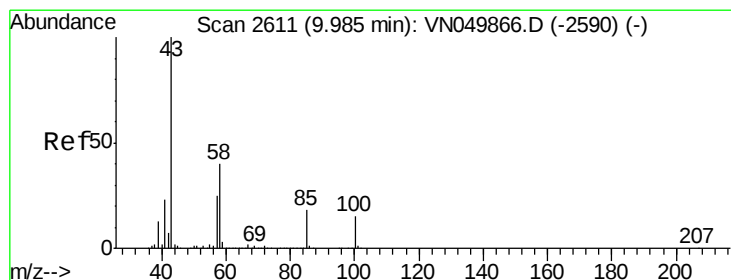
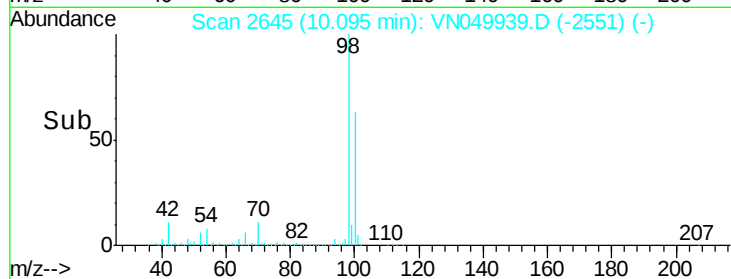
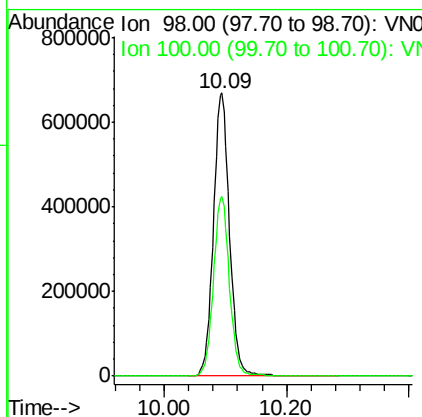
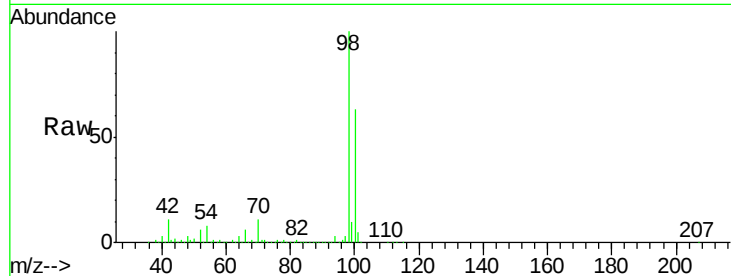




#50
Toluene-d8
Concen: 43.28 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

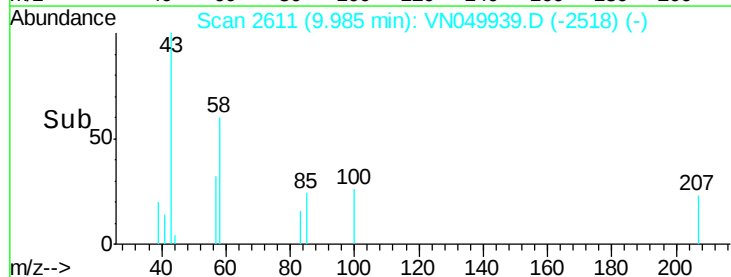
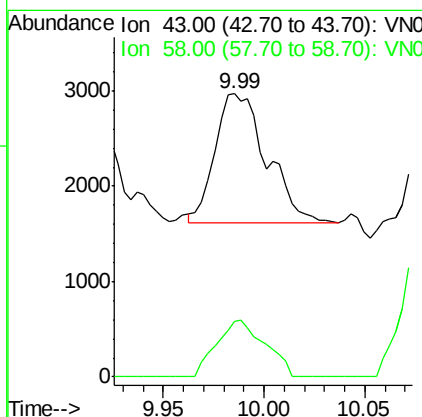
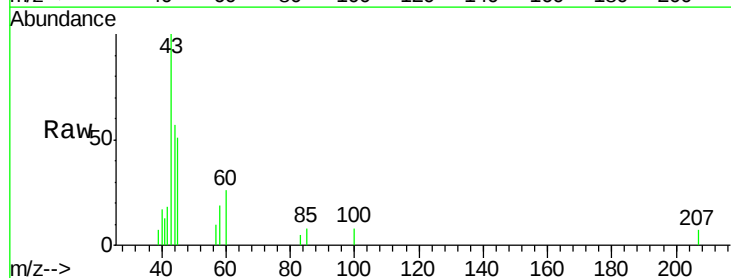
Instrument :
MSVOA_N
ClientSampleId :
CB-TCLP-11-3-0718

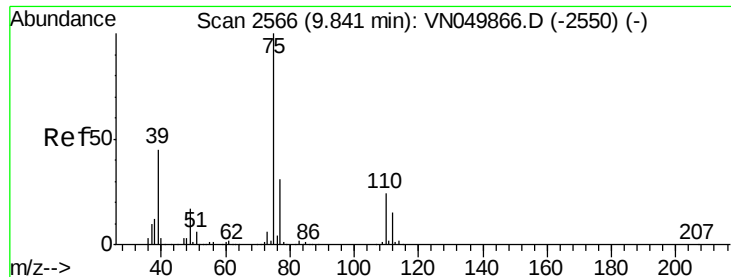
Tot Ion: 98 Resp: 1229074
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.35 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
58 41.3 31.8 47.8





#54

cis-1,3-Dichloropropene

Concen: 0.20 ug/l

RT: 9.91 min Scan# 2588

Delta R.T. 0.07 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

CB-TCLP-11-3-0718

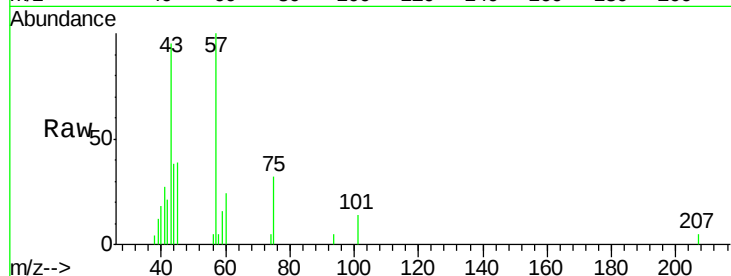
Tot Ion: 75 Resp: 2393

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

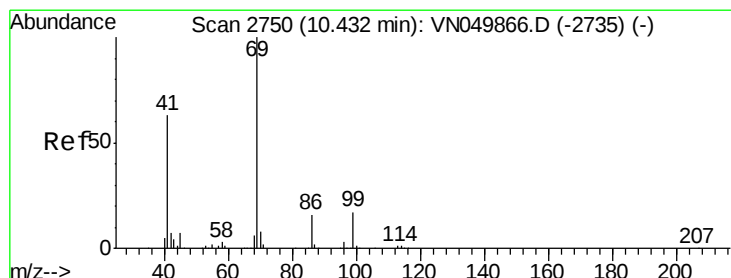
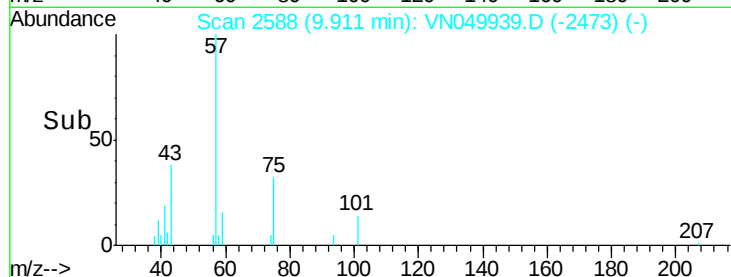
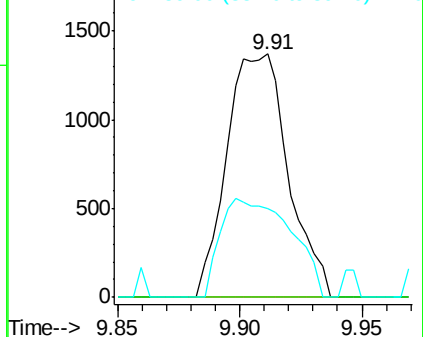
39 36.3 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.21 ug/l

RT: 10.64 min Scan# 2815

Delta R.T. 0.21 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

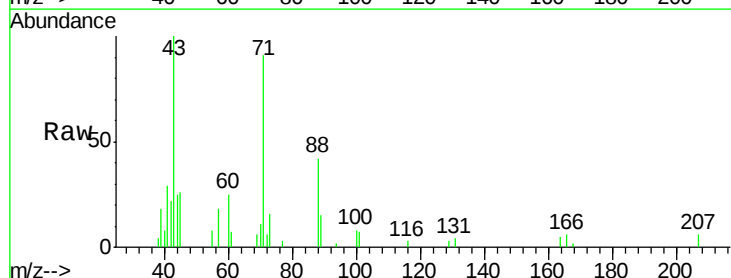
Tgt Ion: 69 Resp: 535

Ion Ratio Lower Upper

69 100

41 703.7 51.6 77.4#

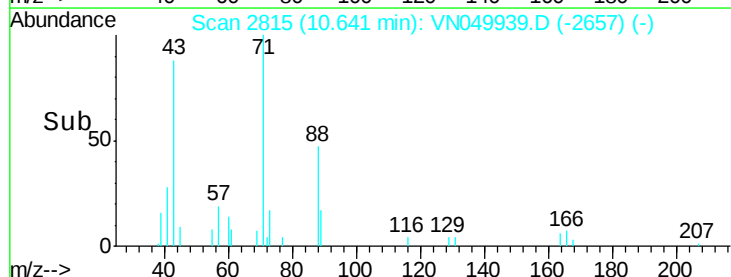
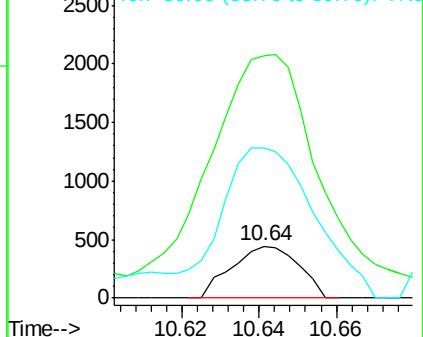
39 446.9 25.8 38.8#

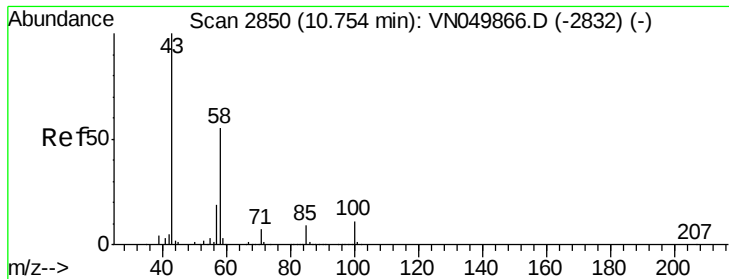


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 3.53 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

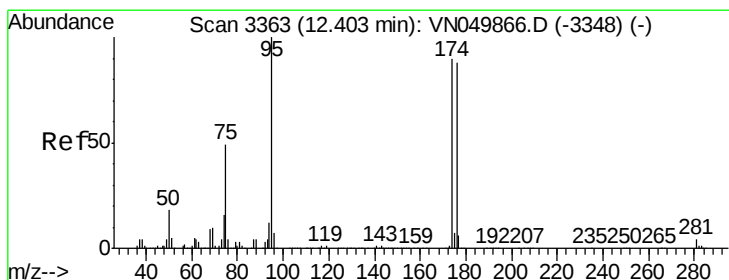
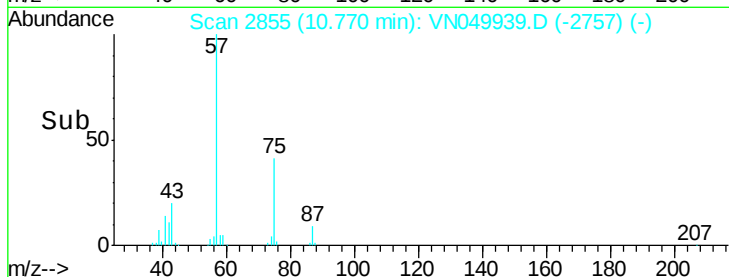
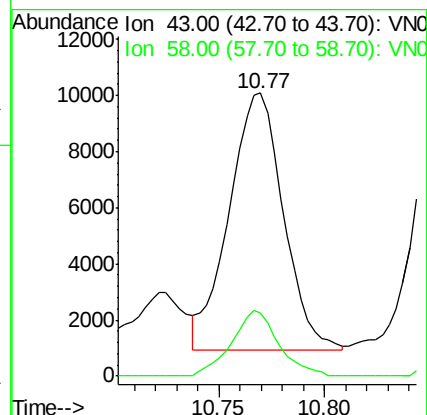
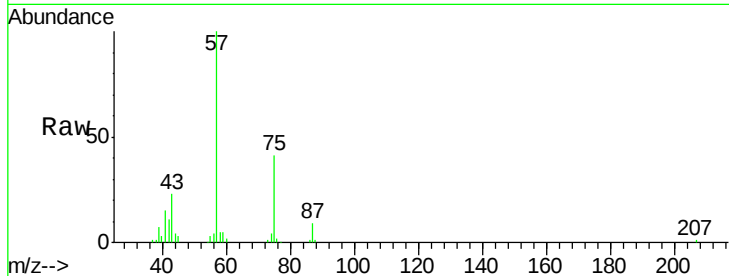
CB-TCLP-11-3-0718

Tot Ion: 43 Resp: 16427

Ion Ratio Lower Upper

43 100

58 22.2 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 33.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

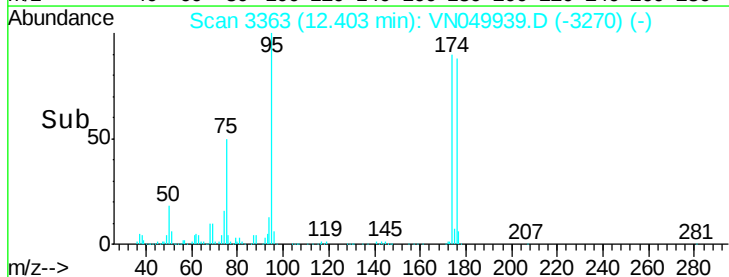
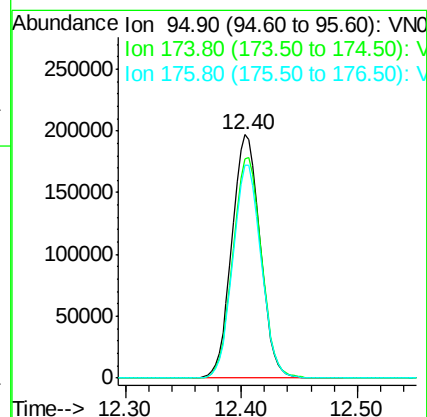
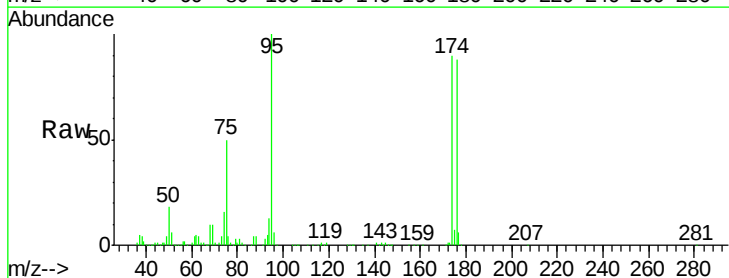
Tgt Ion: 95 Resp: 331238

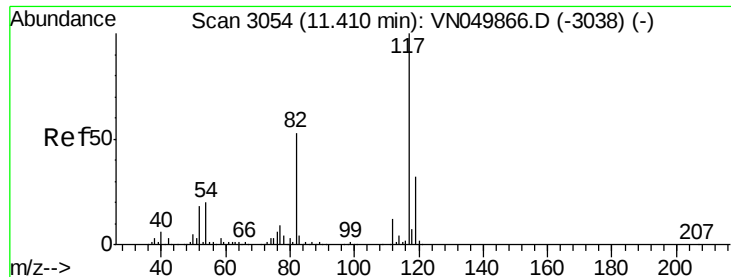
Ion Ratio Lower Upper

95 100

174 91.7 0.0 179.6

176 87.5 0.0 174.0

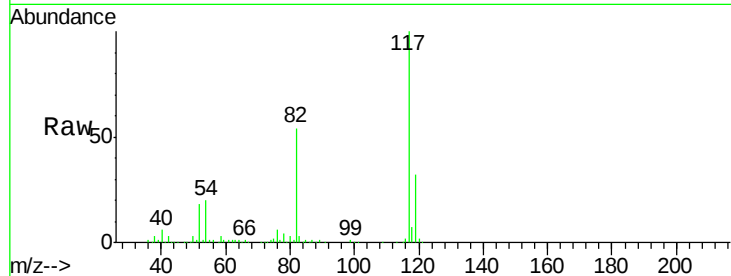




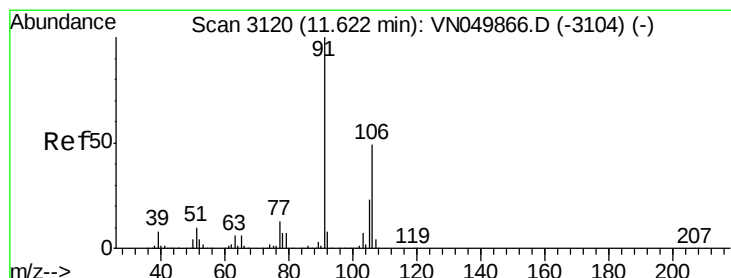
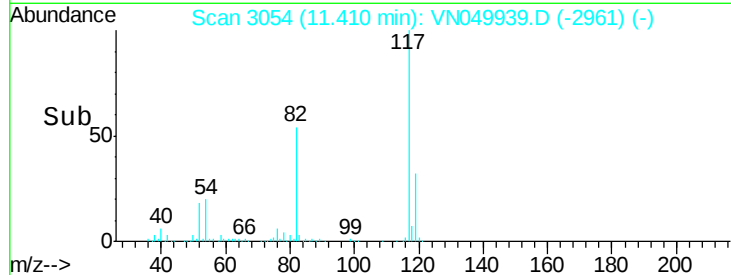
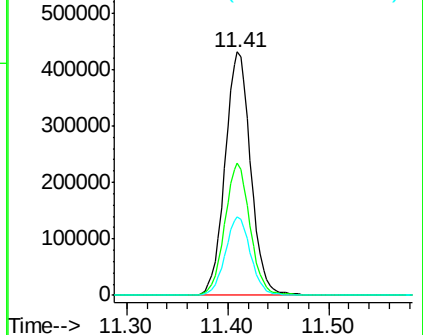
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Instrument :
MSVOA_N
ClientSampleId :
CB-TCLP-11-3-0718

Tot Ion:117 Resp: 764661
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 32.1 25.4 38.2

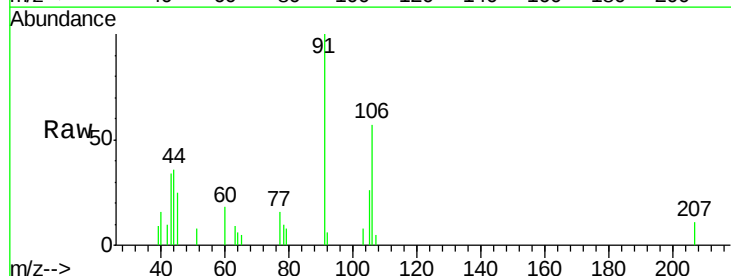


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

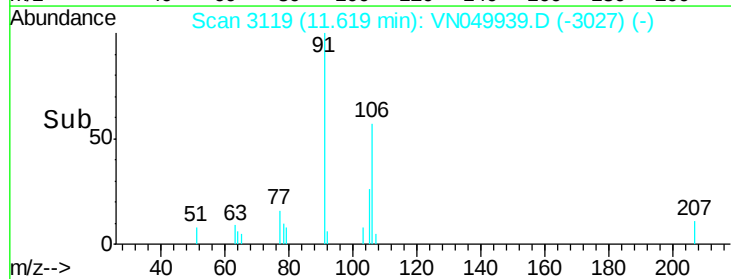
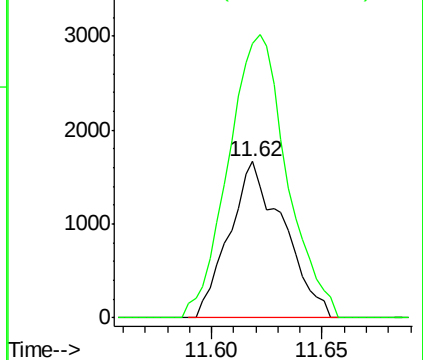


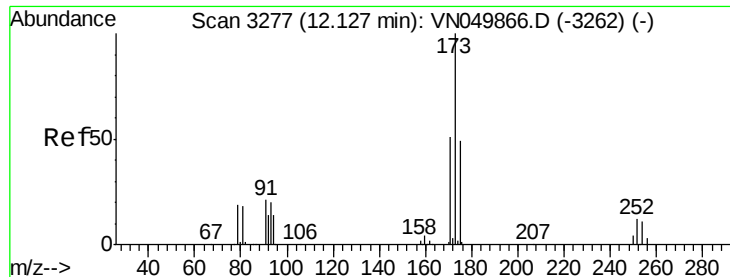
#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Tgt Ion:106 Resp: 2838
Ion Ratio Lower Upper
106 100
91 195.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

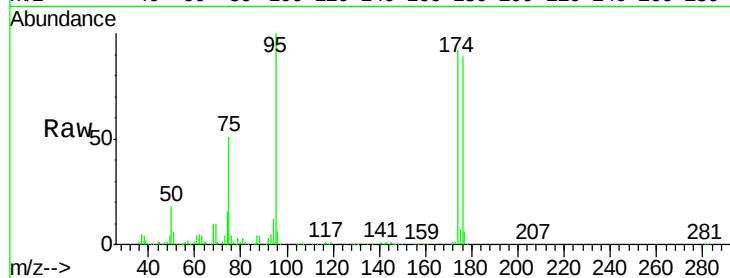




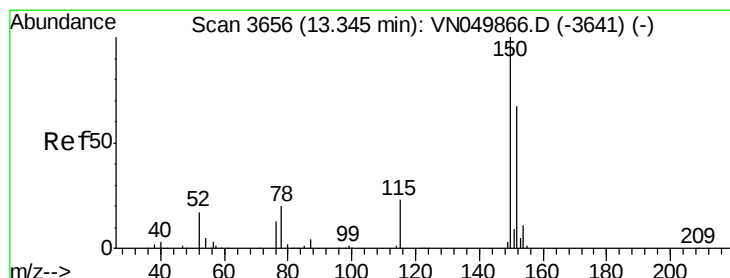
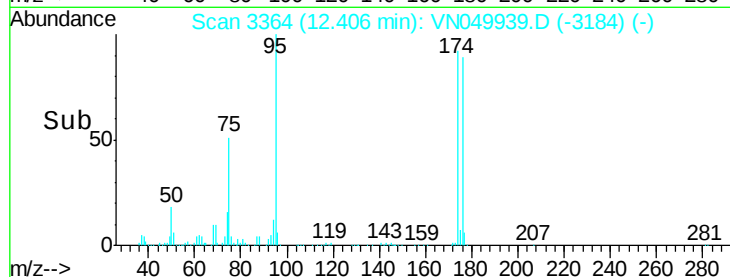
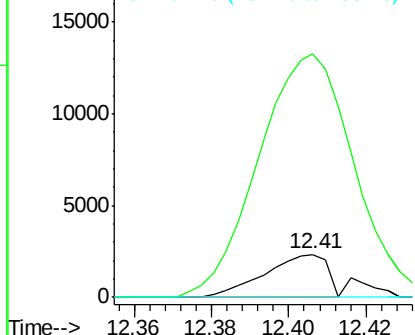
#71
Bromoform
Concen: 0.49 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Instrument :
MSVOA_N
ClientSampleId :
CB-TCLP-11-3-0718

Tot Ion:173 Resp: 2619
Ion Ratio Lower Upper
173 100
175 702.9 24.6 73.8#
254 0.0 0.2 0.2#

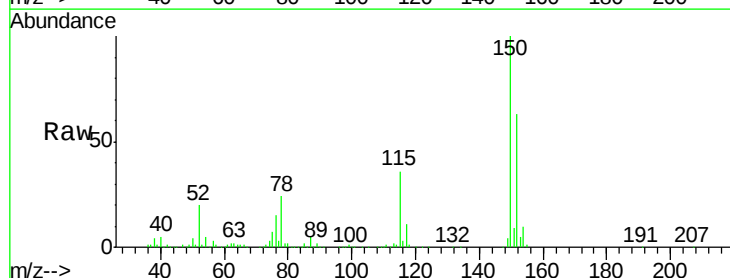


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

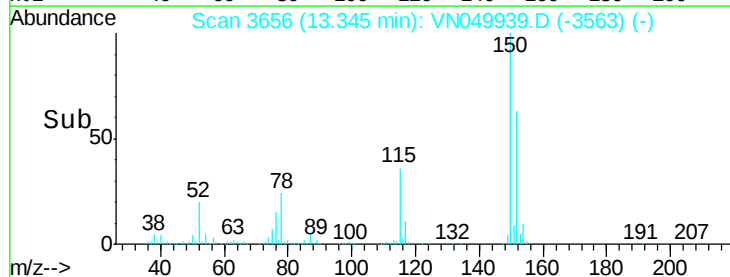
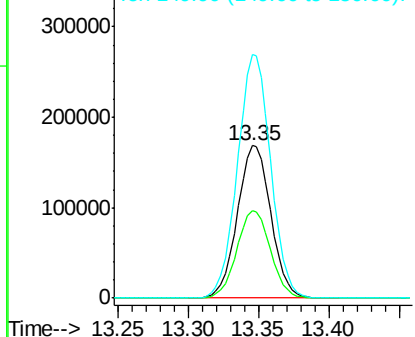


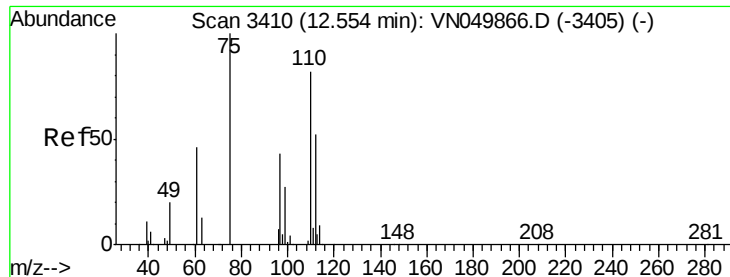
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Tgt Ion:152 Resp: 280181
Ion Ratio Lower Upper
152 100
115 57.7 28.1 84.2
150 158.8 0.0 347.6



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: 31.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

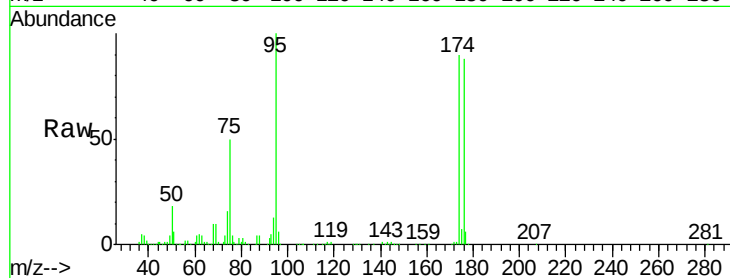
CB-TCLP-11-3-0718

Tot Ion: 75 Resp: 165944

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN049939.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049939.D (-3317) (-)

12.40

100000

80000

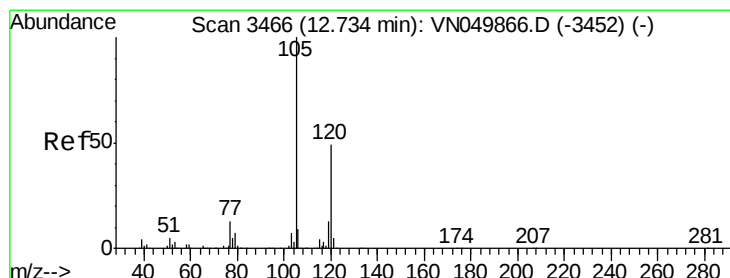
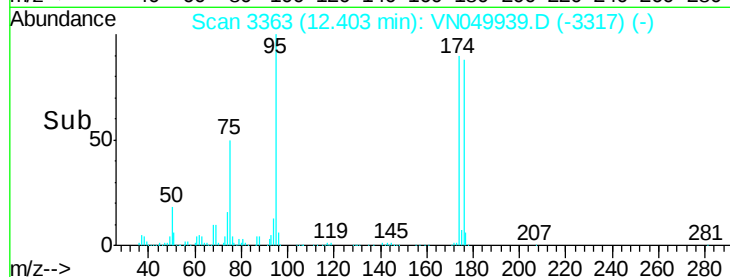
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.36 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN049939.D

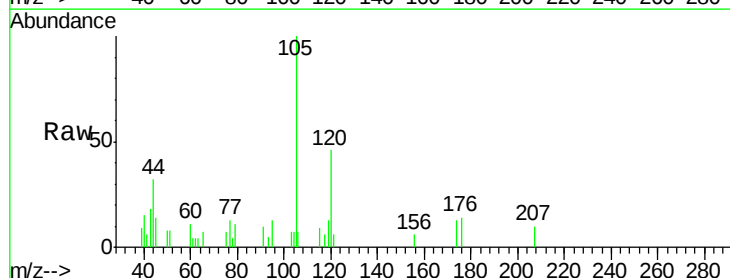
Acq: 20 Jul 2018 1:56

Tgt Ion: 105 Resp: 6145

Ion Ratio Lower Upper

105 100

120 50.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049939.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN049939.D (-3373) (-)

12.73

4000

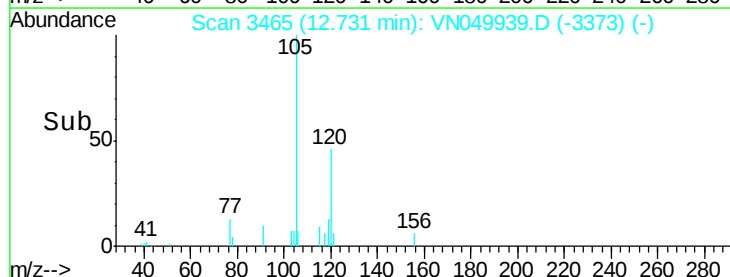
3000

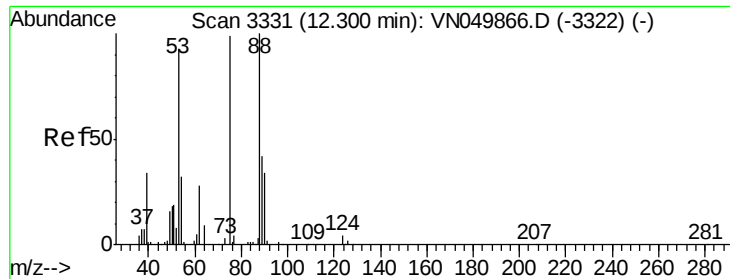
2000

1000

0

Time-->

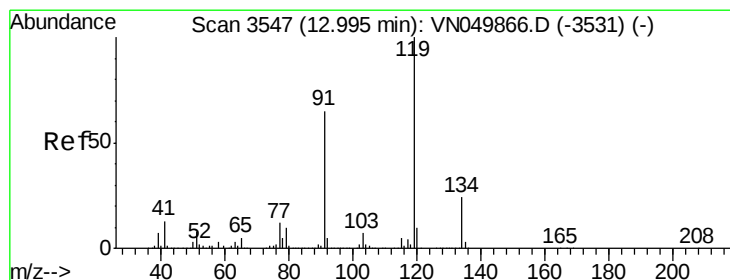
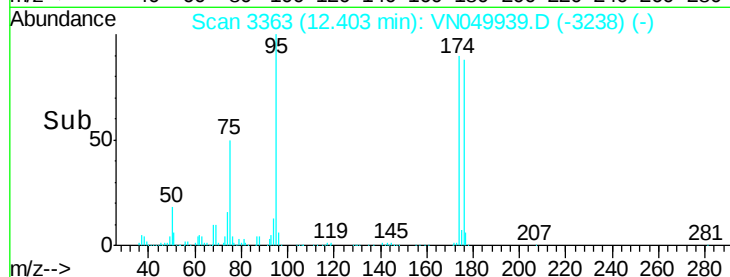
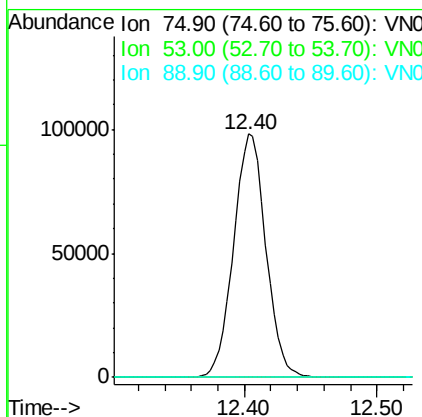
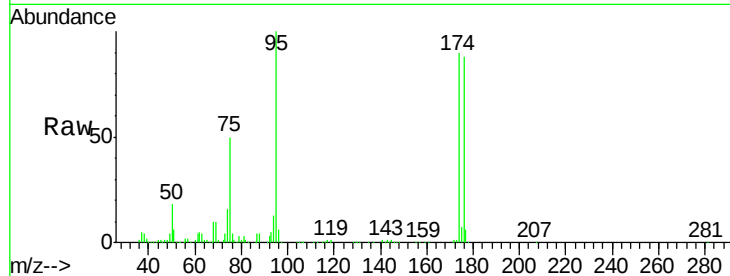




#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.73 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN049939.D
 Acq: 20 Jul 2018 1:56

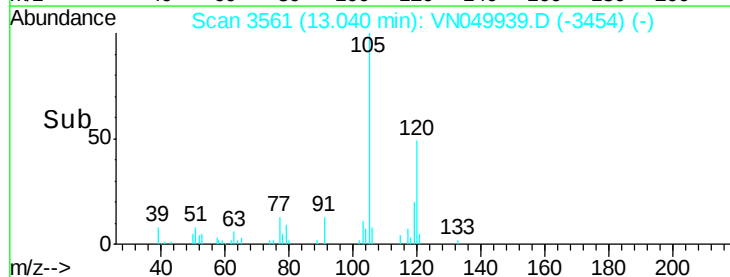
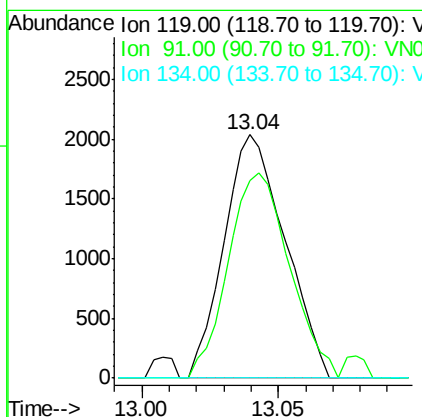
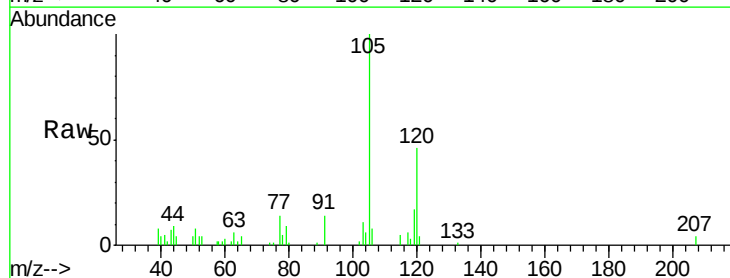
Instrument :
 MSVOA_N
 ClientSampleId :
 CB-TCLP-11-3-0718

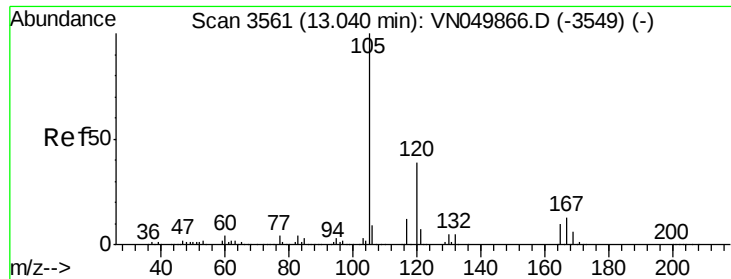
Tot Ion: 75 Resp: 165944
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.9 110.9#
 89 0.0 35.9 53.9#



#83
 tert-Butylbenzene
 Concen: 0.21 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.04 min
 Lab File: VN049939.D
 Acq: 20 Jul 2018 1:56

Tgt Ion: 119 Resp: 3165
 Ion Ratio Lower Upper
 119 100
 91 84.8 32.0 96.2
 134 0.0 12.8 38.4#





#84

1,2,4-Trimethylbenzene

Concen: 1.17 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

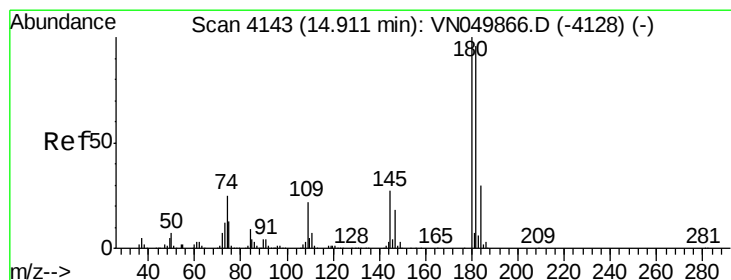
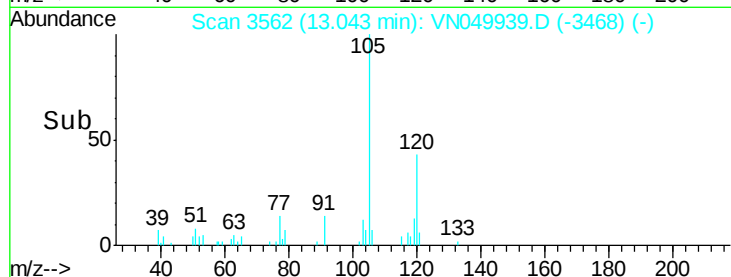
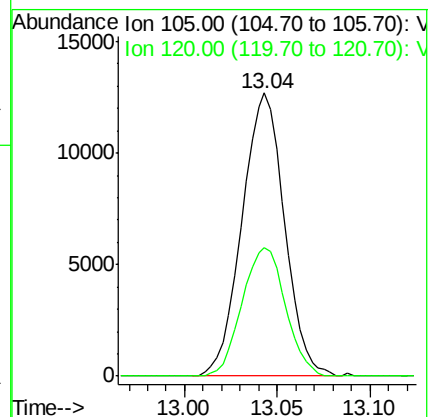
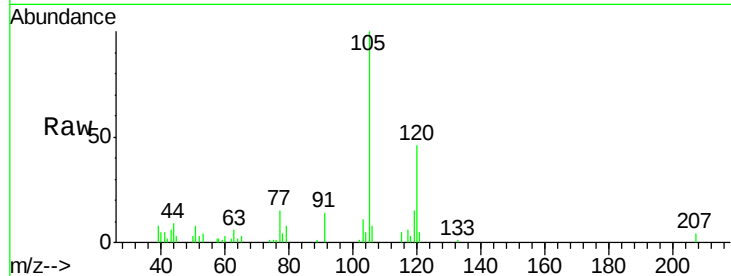
CB-TCLP-11-3-0718

Tot Ion:105 Resp: 20183

Ion Ratio Lower Upper

105 100

120 46.3 22.7 68.1



#93

1,2,4-Trichlorobenzene

Concen: 3.53 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049939.D

Acq: 20 Jul 2018 1:56

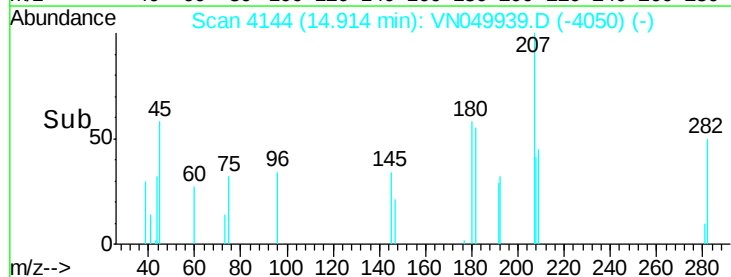
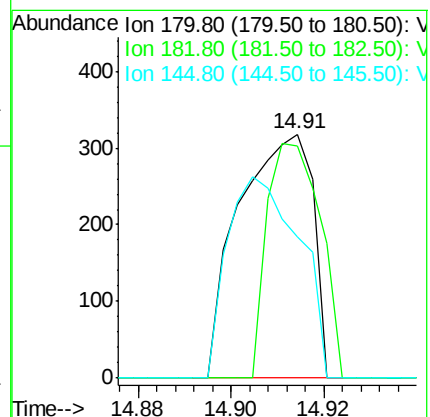
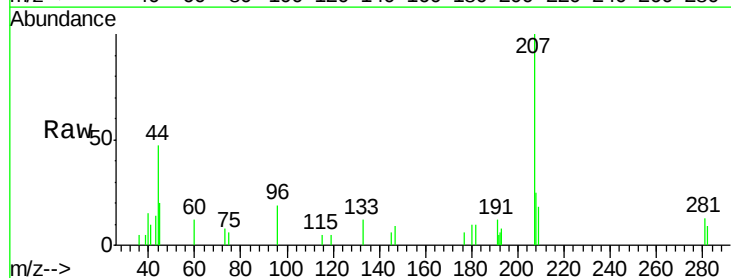
Tgt Ion:180 Resp: 350

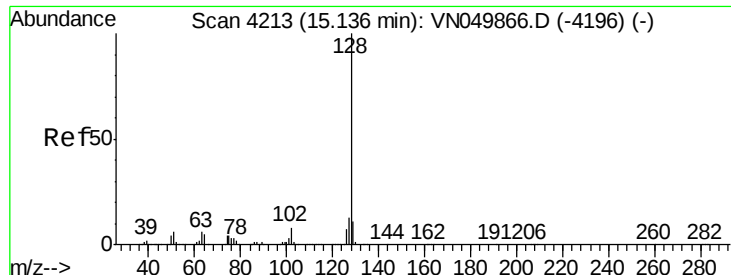
Ion Ratio Lower Upper

180 100

182 70.0 47.3 141.9

145 80.3 14.4 43.0#

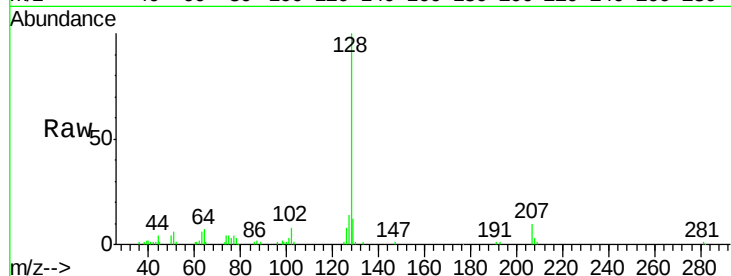




#95
Naphthalene
Concen: 8.71 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049939.D
Acq: 20 Jul 2018 1:56

Instrument :
MSVOA_N
ClientSampleId :
CB-TCLP-11-3-0718

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.2	8.6	13.0



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

