

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD032818\
 Data File : VD056995.D
 Acq On : 28 Mar 2018 10:49
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Mar 29 05:48:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D031518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 13:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.15	168	457768	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	7.28	114	837582	50.00	ug/l	-0.05
63) Chlorobenzene-d5	11.47	117	654027	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	13.83	152	272728	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.56	65	291969	57.17	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	114.34%	
35) Dibromofluoromethane	6.05	113	323432	54.38	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	108.76%	
50) Toluene-d8	9.46	98	925819	50.60	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.76	95	353727	44.21	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	88.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.38	85	265183	47.93	ug/l	97
3) Chloromethane	1.53	50	143028	43.57	ug/l	96
4) Vinyl Chloride	1.63	62	160284	51.06	ug/l	94
5) Bromomethane	1.91	94	88794	49.97	ug/l	99
6) Chloroethane	2.01	64	75801	50.88	ug/l	98
7) Trichlorofluoromethane	2.25	101	276644	50.64	ug/l	95
8) Diethyl Ether	2.53	74	50371	54.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.78	101	137581	51.20	ug/l	92
10) Methyl Iodide	2.94	142	156045	47.04	ug/l	93
11) Tert butyl alcohol	3.57	59	82208	242.20	ug/l	# 93
12) 1,1-Dichloroethene	2.77	96	108692	49.85	ug/l	95
13) Acrolein	2.68	56	21337	170.84	ug/l	90
14) Allyl chloride	3.20	41	244062	52.56	ug/l	95
15) Acrylonitrile	3.70	53	307096	268.17	ug/l	98
16) Acetone	2.84	43	217195	278.01	ug/l	97
17) Carbon Disulfide	3.02	76	368331	47.83	ug/l	98
18) Methyl Acetate	3.21	43	83154	58.45	ug/l	96
19) Methyl tert-butyl Ether	3.76	73	523311	47.61	ug/l	98
20) Methylene Chloride	3.37	84	116781	54.15	ug/l	95
21) trans-1,2-Dichloroethene	3.75	96	274177	47.36	ug/l	98
22) Diisopropyl ether	4.50	45	1070668	52.08	ug/l	97
23) Vinyl Acetate	4.45	43	2717023	280.19	ug/l	100
24) 1,1-Dichloroethane	4.41	63	578200	50.41	ug/l	98
25) 2-Butanone	5.29	43	490679	271.71	ug/l	97
26) 2,2-Dichloropropane	5.26	77	465644	48.12	ug/l	99
27) cis-1,2-Dichloroethene	5.27	96	326836	51.42	ug/l	95
28) Bromochloromethane	5.63	49	236706	55.86	ug/l	95
29) Tetrahydrofuran	5.67	42	256087	252.44	ug/l	97
30) Chloroform	5.82	83	556552	49.28	ug/l	99
31) Cyclohexane	6.11	56	539549	52.05	ug/l	96
32) 1,1,1-Trichloroethane	6.02	97	427790	46.78	ug/l	97
36) 1,1-Dichloropropene	6.27	75	466789	50.94	ug/l	98
37) Ethyl Acetate	5.39	43	204647	48.69	ug/l	98
38) Carbon Tetrachloride	6.25	117	384215	48.84	ug/l	95

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD032818\
 Data File : VD056995.D
 Acq On : 28 Mar 2018 10:49
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Mar 29 05:48:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D031518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 13:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.93	83	468240	44.68	ug/l	93
40) Benzene	6.57	78	1155814	50.53	ug/l	99
41) Methacrylonitrile	5.60	41	133474	54.48	ug/l	93
42) 1,2-Dichloroethane	6.67	62	370674	55.02	ug/l	97
43) Isopropyl Acetate	8.26	43	344320	53.23	ug/l #	99
44) Trichloroethene	7.59	130	297699	46.51	ug/l	90
45) 1,2-Dichloropropane	8.00	63	349626	51.18	ug/l	98
46) Dibromomethane	8.11	93	168798	49.32	ug/l	93
47) Bromodichloromethane	8.41	83	433387	49.00	ug/l	97
48) Methyl methacrylate	7.93	41	273739	47.89	ug/l	93
49) 1,4-Dioxane	8.13	88	30486	1018.26	ug/l	93
51) 4-Methyl-2-Pentanone	9.33	43	1142517	262.86	ug/l	99
52) Toluene	9.57	92	677805	45.99	ug/l	99
53) t-1,3-Dichloropropene	9.98	75	415059	47.65	ug/l	100
54) cis-1,3-Dichloropropene	9.09	75	515423	48.72	ug/l	96
55) 1,1,2-Trichloroethane	10.27	97	199771	44.62	ug/l	97
56) Ethyl methacrylate	10.11	69	283738	46.28	ug/l	90
57) 1,3-Dichloropropane	10.48	76	395347	47.68	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.88	63	931982	289.93	ug/l	94
59) 2-Hexanone	10.58	43	889651	264.60	ug/l	97
60) Dibromochloromethane	10.77	129	246113	42.94	ug/l	98
61) 1,2-Dibromoethane	10.90	107	205566	43.13	ug/l	99
64) Tetrachloroethene	10.34	164	214259	51.04	ug/l	97
65) Chlorobenzene	11.50	112	724625	49.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.62	131	242556	49.42	ug/l	98
67) Ethyl Benzene	11.62	91	1305017	49.58	ug/l	99
68) m/p-Xylenes	11.78	106	956762	101.15	ug/l	95
69) o-Xylene	12.20	106	446483	48.85	ug/l	97
70) Styrene	12.22	104	731241	49.25	ug/l	98
71) Bromoform	12.41	173	117990	44.05	ug/l	95
73) Isopropylbenzene	12.58	105	1249321	49.17	ug/l	97
74) N-amyl acetate	12.41	43	422795	53.72	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.90	83	230609	49.43	ug/l	98
76) 1,2,3-Trichloropropane	12.95	75	259988	50.42	ug/l	99
77) Bromobenzene	12.89	156	260916	50.24	ug/l	95
78) n-propylbenzene	12.99	91	1560691	49.57	ug/l	96
79) 2-Chlorotoluene	13.06	91	873449	51.11	ug/l	90
80) 1,3,5-Trimethylbenzene	13.16	105	981877	50.04	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.65	75	67000	44.88	ug/l #	82
82) 4-Chlorotoluene	13.18	91	1006416	47.03	ug/l	98
83) tert-Butylbenzene	13.45	119	1070424	49.26	ug/l	96
84) 1,2,4-Trimethylbenzene	13.51	105	966541	48.99	ug/l	94
85) sec-Butylbenzene	13.66	105	1273755	49.34	ug/l	100
86) p-Isopropyltoluene	13.79	119	1034858	48.62	ug/l	98
87) 1,3-Dichlorobenzene	13.76	146	473870	47.69	ug/l	98
88) 1,4-Dichlorobenzene	13.85	146	484991	48.61	ug/l	98
89) n-Butylbenzene	14.14	91	1071111	50.09	ug/l	98
90) Hexachloroethane	14.40	117	203863	41.88	ug/l	91
91) 1,2-Dichlorobenzene	14.16	146	416599	49.32	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.81	75	27396	45.62	ug/l	86

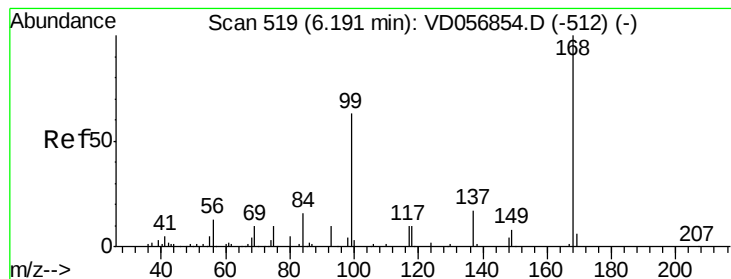
Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD032818\
Data File : VD056995.D
Acq On : 28 Mar 2018 10:49
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Mar 29 05:48:52 2018
Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D031518S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 13:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.46	180	257528	48.32	ug/l	94
94) Hexachlorobutadiene	15.57	225	147879	48.57	ug/l	98
95) Naphthalene	15.70	128	448306	46.62	ug/l	99
96) 1,2,3-Trichlorobenzene	15.88	180	208313	47.64	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.15 min Scan# 515

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampled :

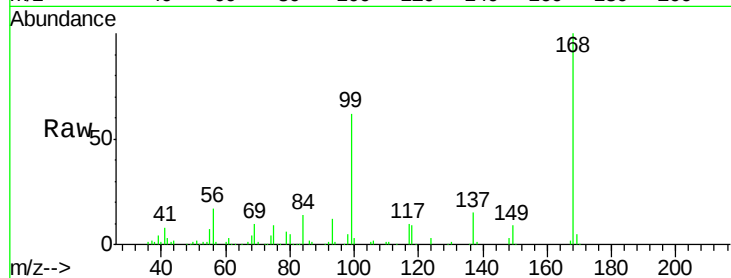
BFB

Tgt Ion: 168 Resp: 457768

Ion Ratio Lower Upper

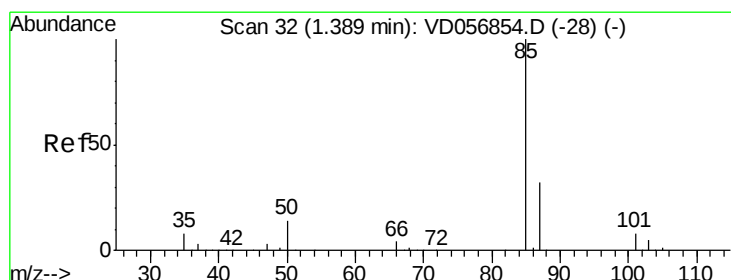
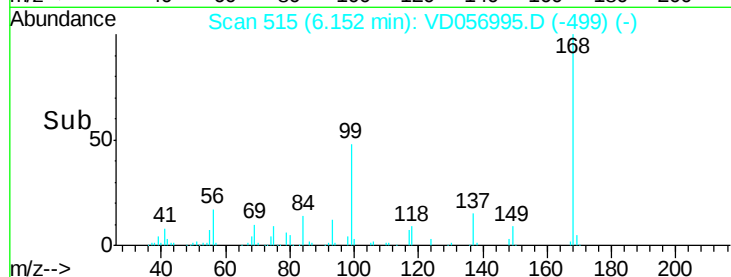
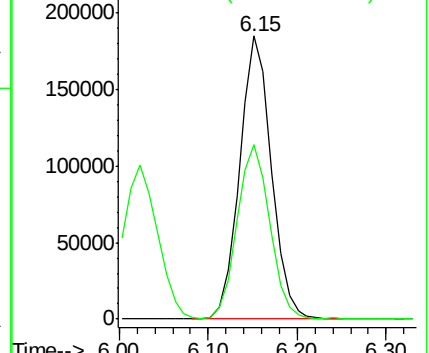
168 100

99 61.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 47.93 ug/l

RT: 1.38 min Scan# 31

Delta R.T. -0.01 min

Lab File: VD056995.D

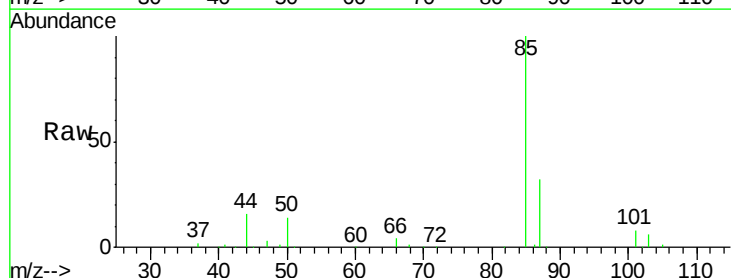
Acq: 28 Mar 2018 10:49

Tgt Ion: 85 Resp: 265183

Ion Ratio Lower Upper

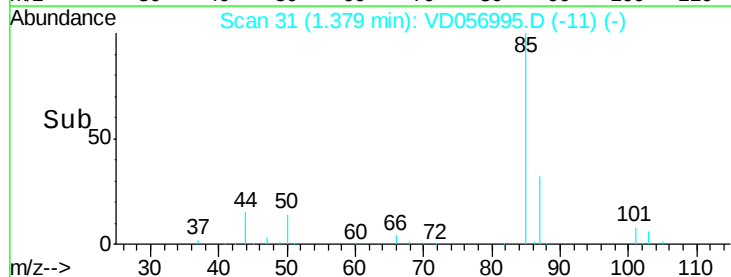
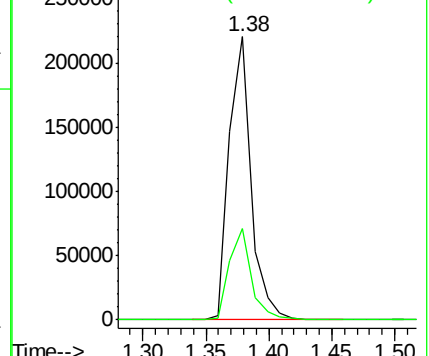
85 100

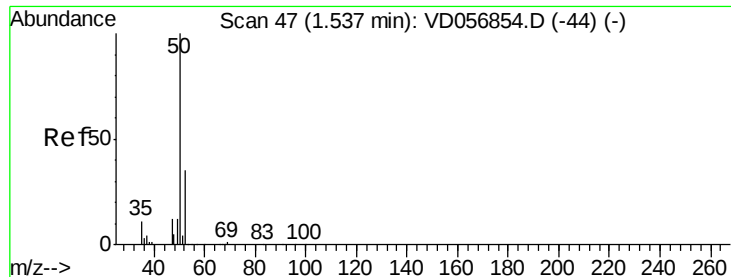
87 32.2 15.2 45.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.57 ug/l

RT: 1.53 min Scan# 46

Delta R.T. -0.02 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

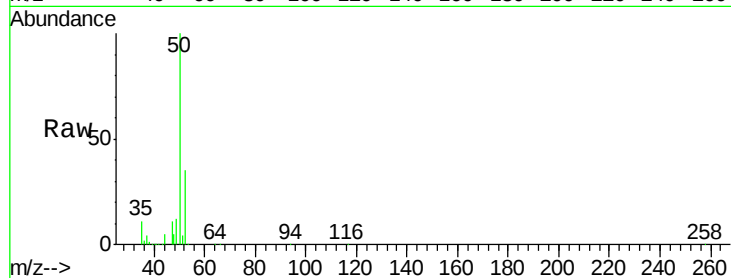
BFB

Tgt Ion: 50 Resp: 143028

Ion Ratio Lower Upper

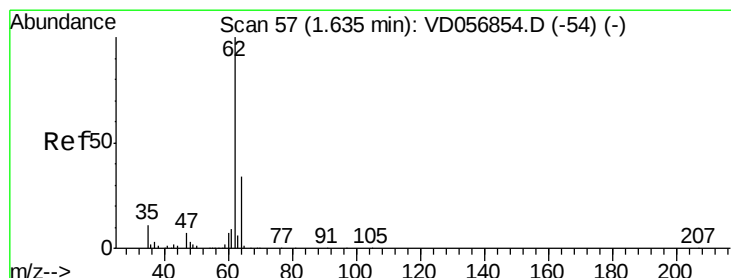
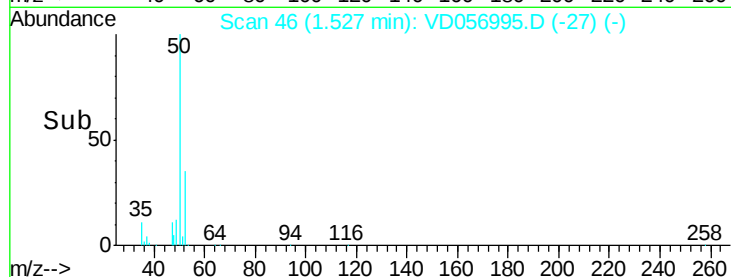
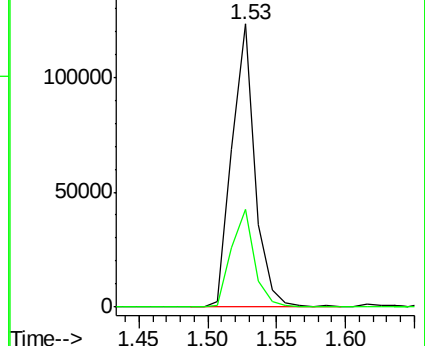
50 100

52 34.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.06 ug/l

RT: 1.63 min Scan# 56

Delta R.T. -0.02 min

Lab File: VD056995.D

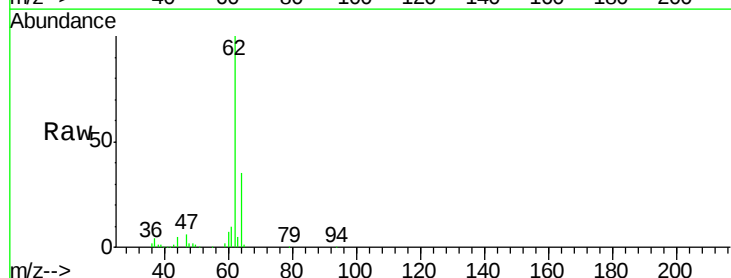
Acq: 28 Mar 2018 10:49

Tgt Ion: 62 Resp: 160284

Ion Ratio Lower Upper

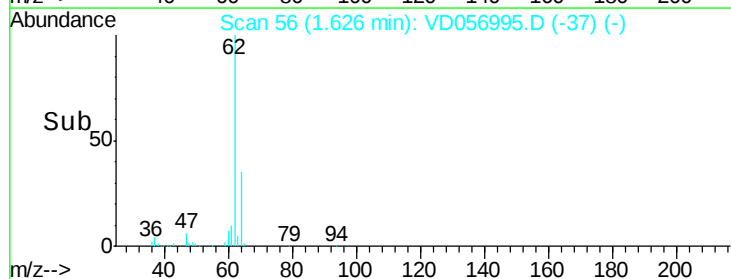
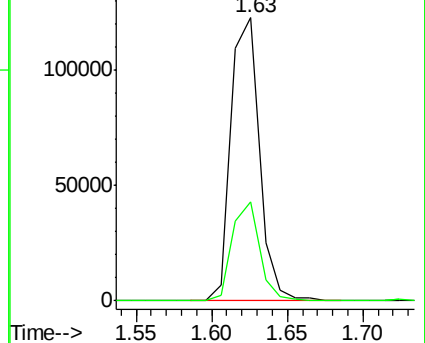
62 100

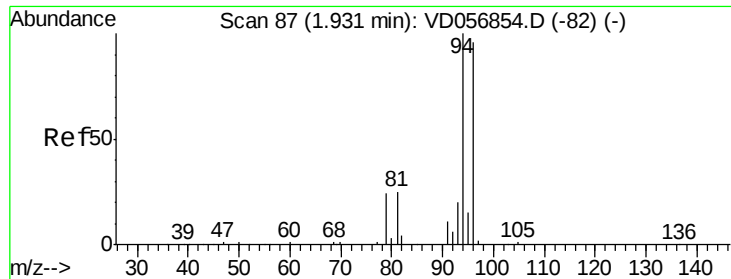
64 35.0 25.4 38.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 49.97 ug/l

RT: 1.91 min Scan# 85

Delta R.T. -0.01 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

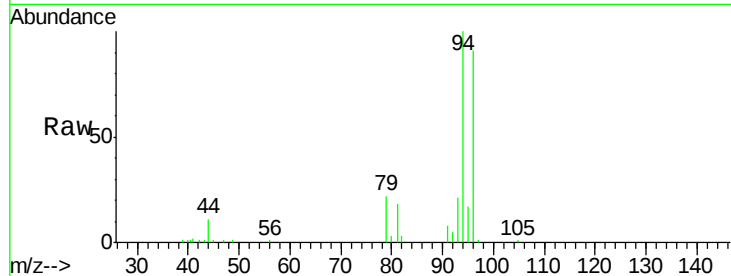
BFB

Tgt Ion: 94 Resp: 88794

Ion Ratio Lower Upper

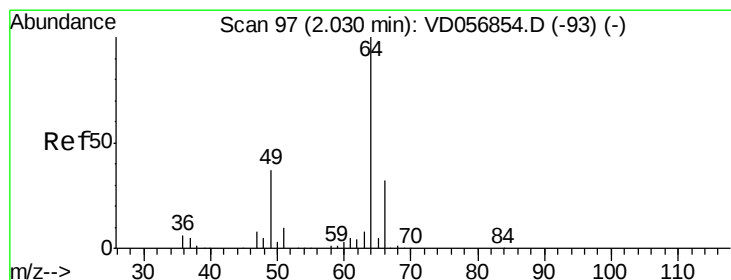
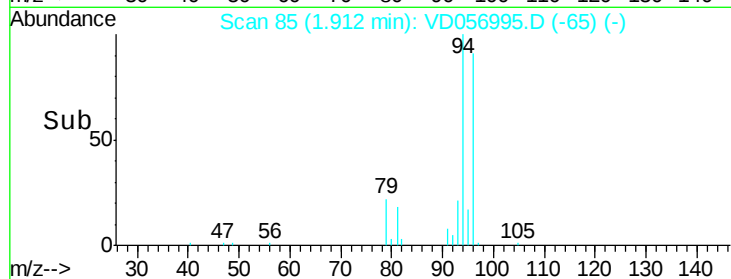
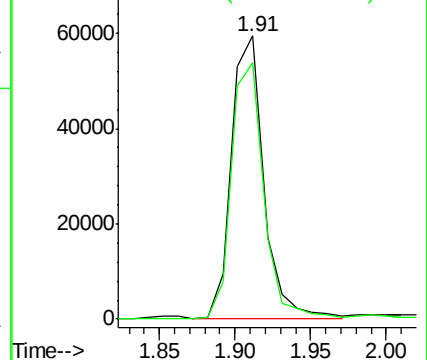
94 100

96 90.8 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 50.88 ug/l

RT: 2.01 min Scan# 95

Delta R.T. -0.02 min

Lab File: VD056995.D

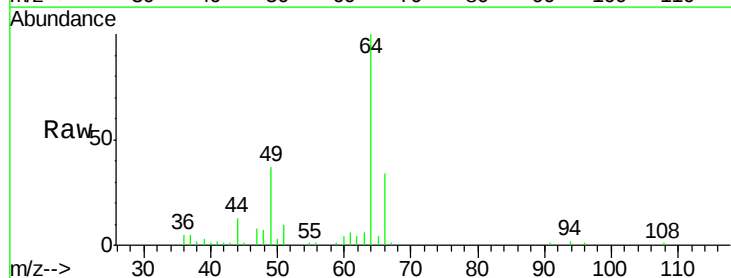
Acq: 28 Mar 2018 10:49

Tgt Ion: 64 Resp: 75801

Ion Ratio Lower Upper

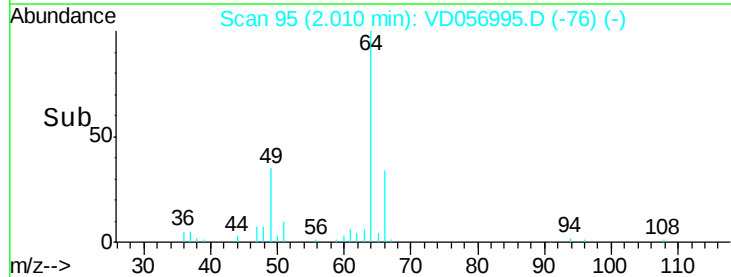
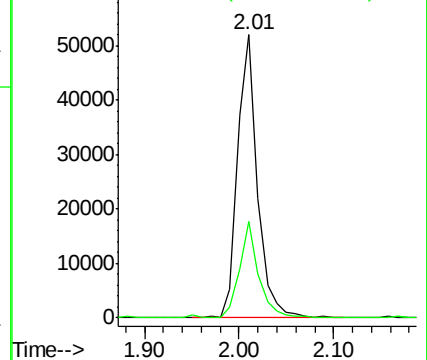
64 100

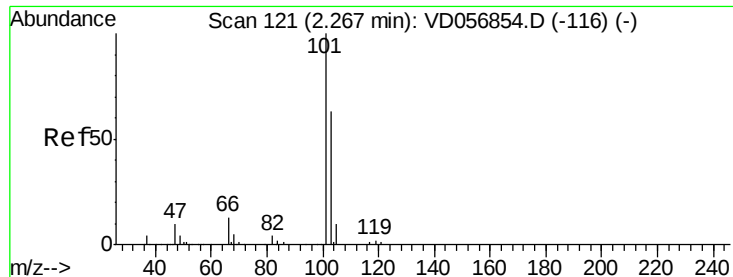
66 33.9 26.1 39.1



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 50.64 ug/l

RT: 2.25 min Scan# 119

Delta R.T. -0.02 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

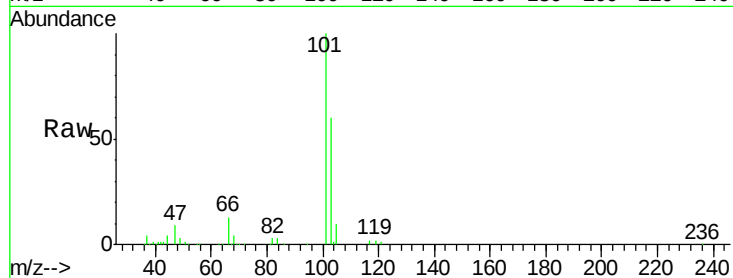
BFB

Tgt Ion:101 Resp: 276644

Ion Ratio Lower Upper

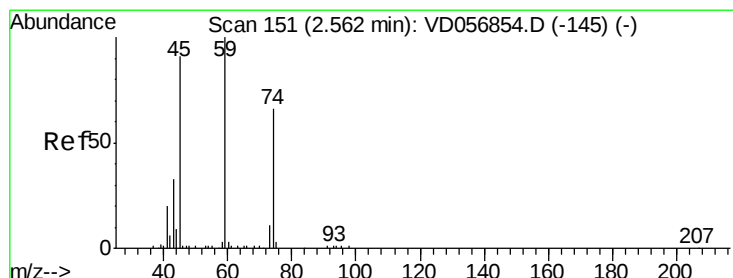
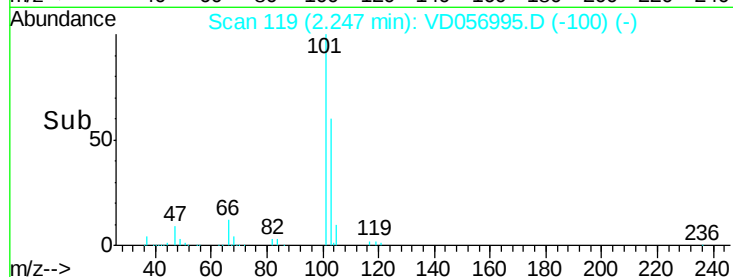
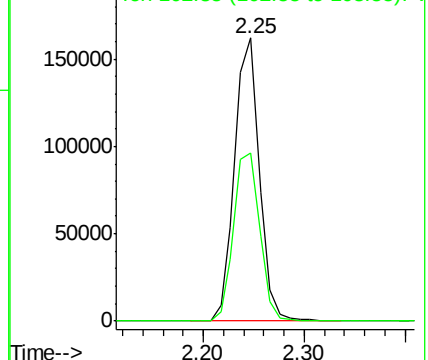
101 100

103 59.6 51.0 76.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 54.82 ug/l

RT: 2.53 min Scan# 148

Delta R.T. -0.03 min

Lab File: VD056995.D

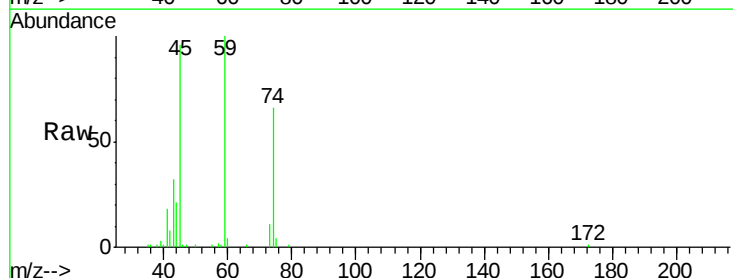
Acq: 28 Mar 2018 10:49

Tgt Ion: 74 Resp: 50371

Ion Ratio Lower Upper

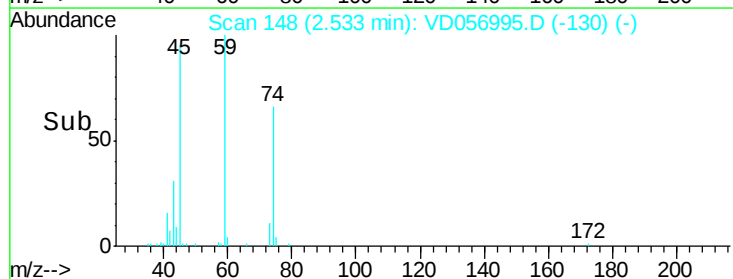
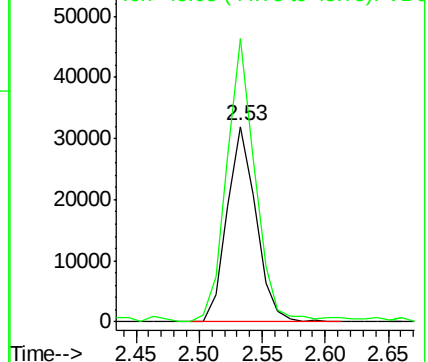
74 100

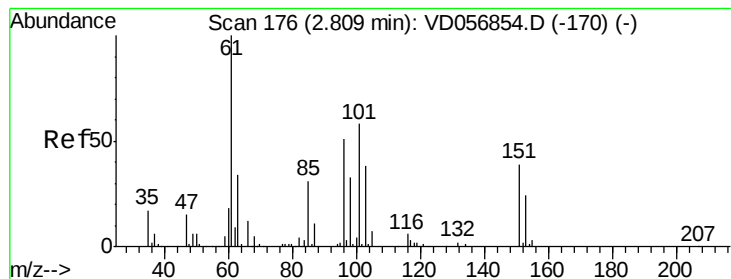
45 145.0 72.9 218.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.20 ug/l

RT: 2.78 min Scan# 173

Delta R.T. -0.04 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

BFB

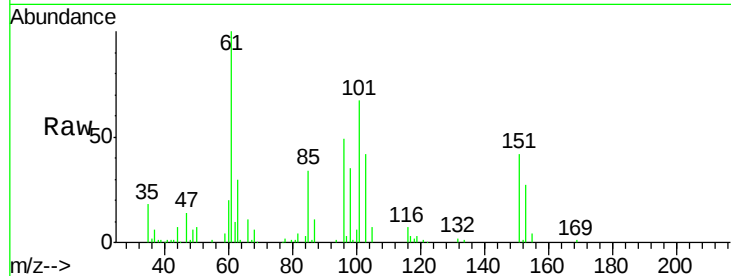
Tgt Ion:101 Resp: 137581

Ion Ratio Lower Upper

101 100

85 51.5 42.3 63.5

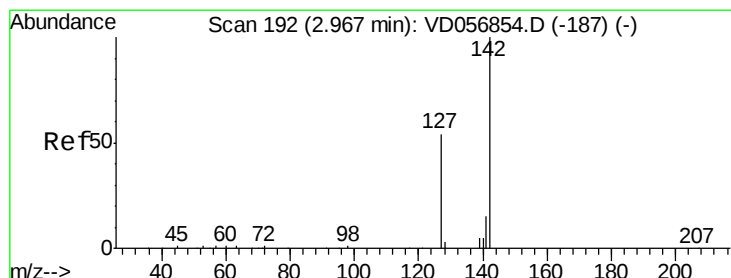
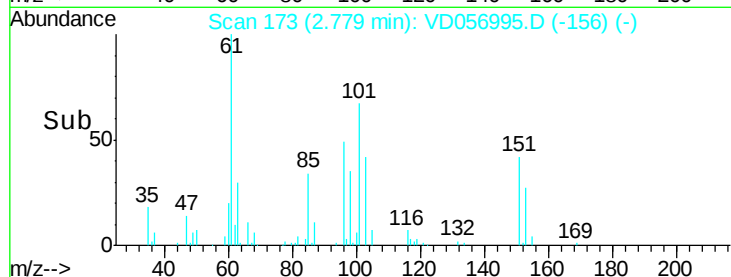
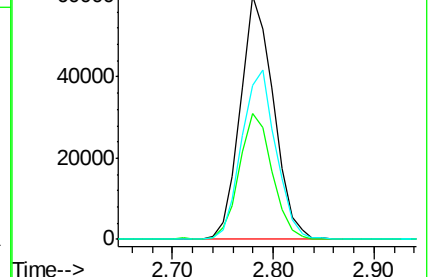
151 63.3 58.5 87.7



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 47.04 ug/l

RT: 2.94 min Scan# 189

Delta R.T. -0.04 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

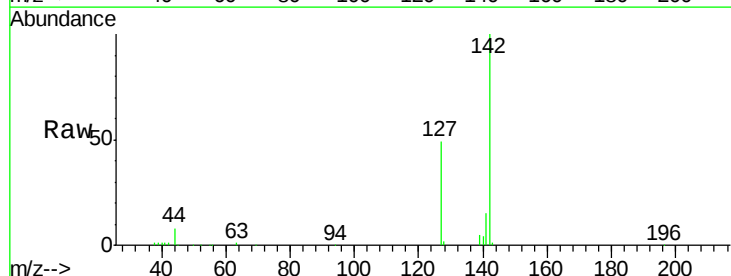
Tgt Ion:142 Resp: 156045

Ion Ratio Lower Upper

142 100

127 49.2 44.3 66.5

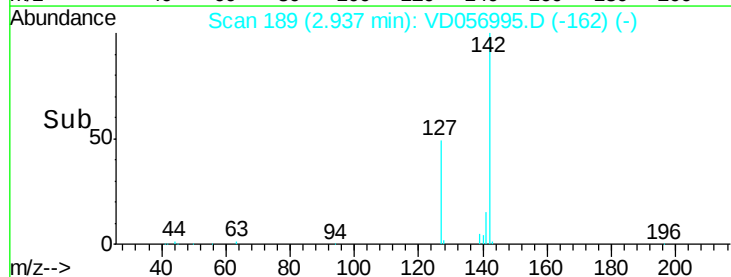
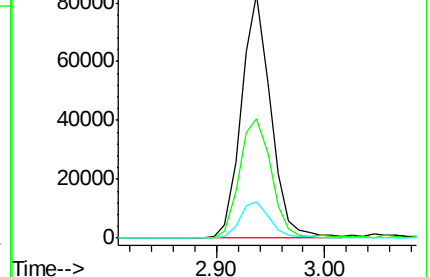
141 14.7 11.8 17.6

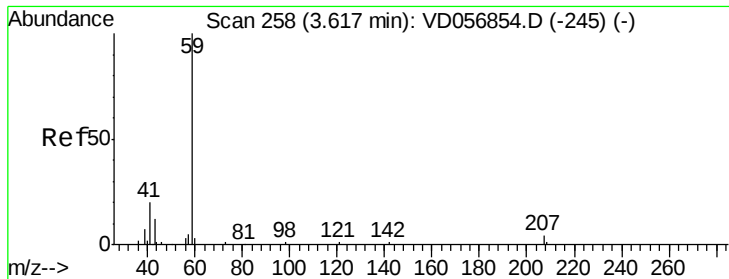


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



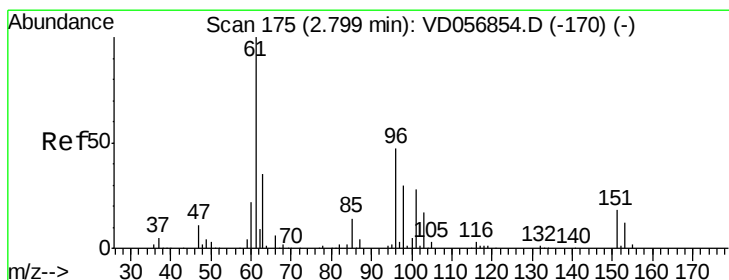
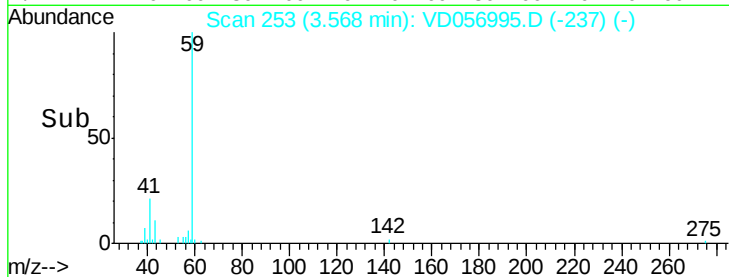
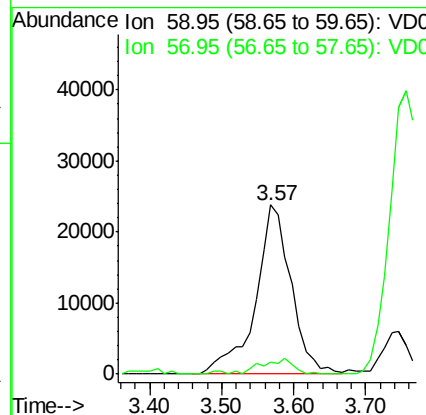
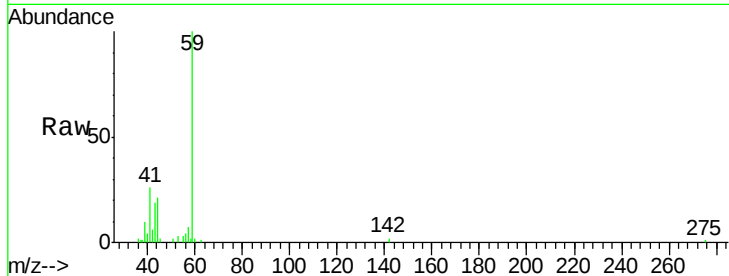


#11

Tert butyl alcohol
Concen: 242.20 ug/l
RT: 3.57 min Scan# 253
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Instrument :
MSVOA_X
ClientSampleId :
BFB

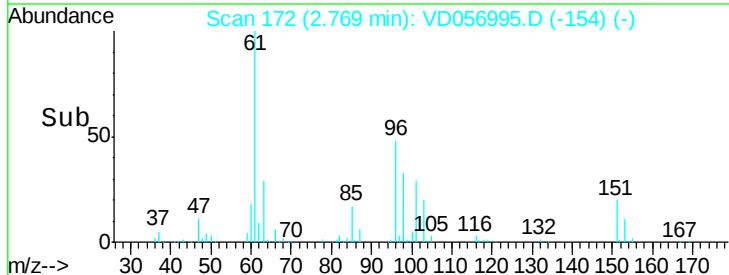
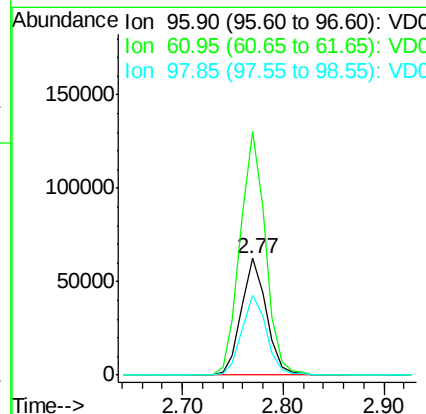
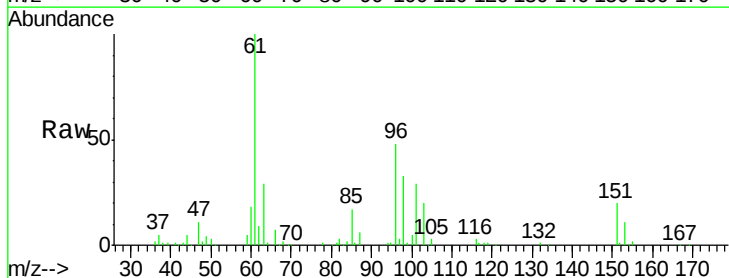
Tgt Ion: 59 Resp: 82208
Ion Ratio Lower Upper
59 100
57 7.3 8.1 12.1#

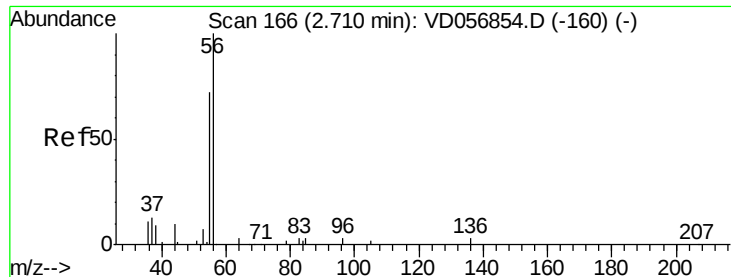


#12

1,1-Dichloroethene
Concen: 49.85 ug/l
RT: 2.77 min Scan# 172
Delta R.T. -0.03 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion: 96 Resp: 108692
Ion Ratio Lower Upper
96 100
61 209.0 172.2 258.4
98 68.0 49.4 74.0





#13

Acrolein

Concen: 170.84 ug/l

RT: 2.68 min Scan# 163

Delta R.T. -0.03 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

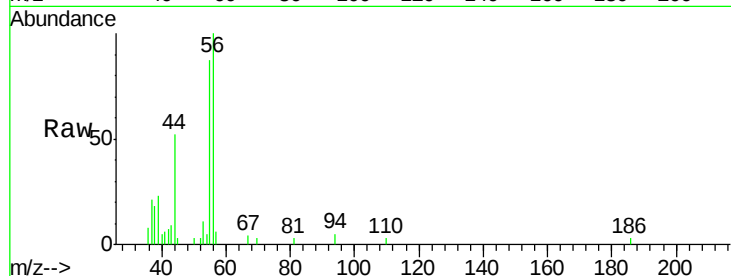
BFB

Tgt Ion: 56 Resp: 21337

Ion Ratio Lower Upper

56 100

55 87.4 63.2 94.8

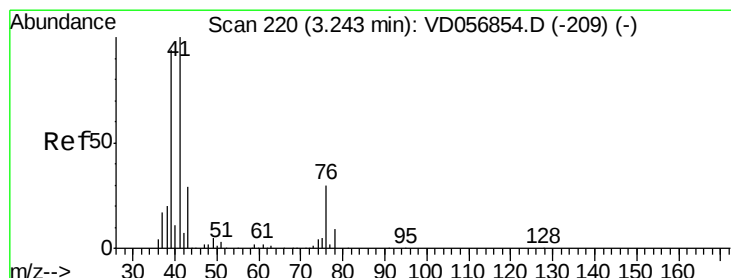
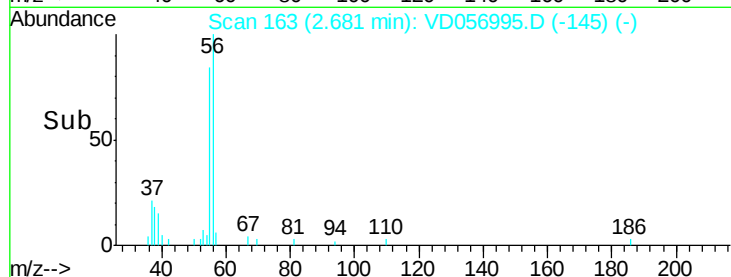


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.68

Time-->



#14

Allyl chloride

Concen: 52.56 ug/l

RT: 3.20 min Scan# 216

Delta R.T. -0.04 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

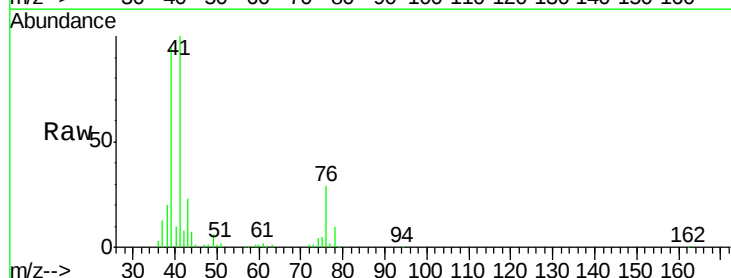
Tgt Ion: 41 Resp: 244062

Ion Ratio Lower Upper

41 100

39 95.0 81.0 121.6

76 29.1 22.9 34.3



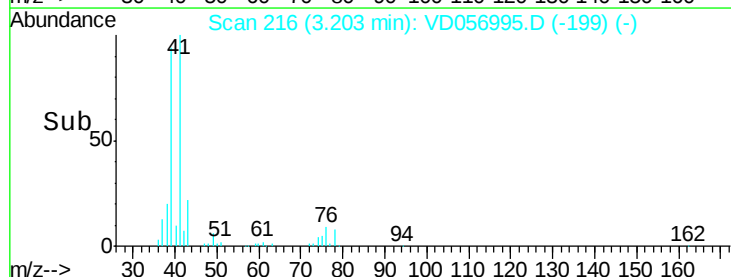
Abundance Ion 41.05 (40.75 to 41.75): VDC

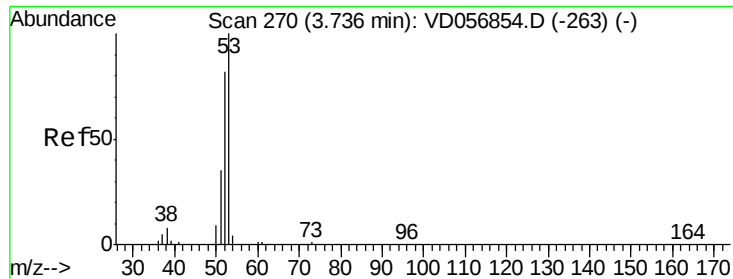
Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

3.20

Time-->





#15

Acrylonitrile

Concen: 268.17 ug/l

RT: 3.70 min Scan# 266

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

BFB

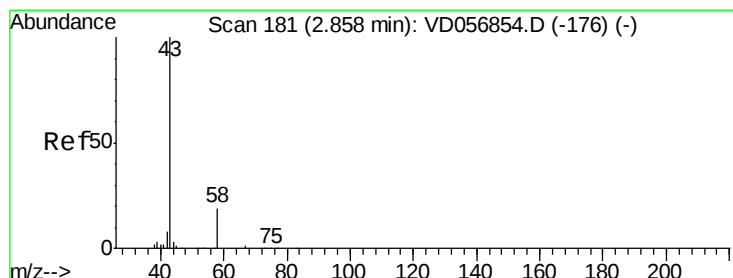
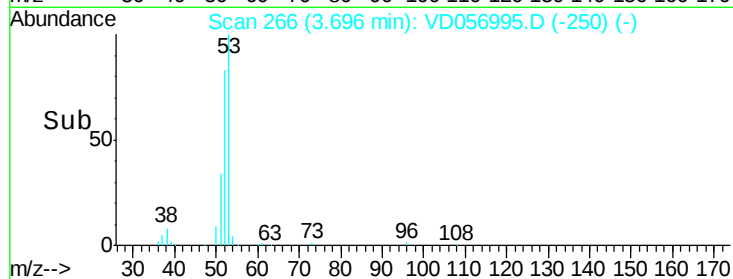
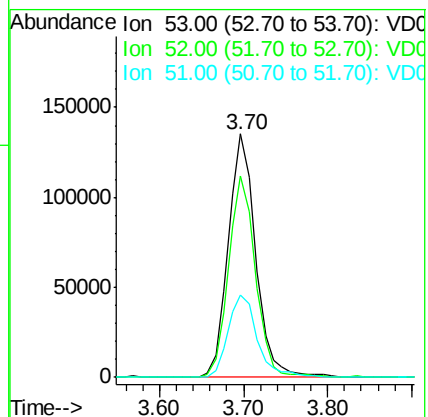
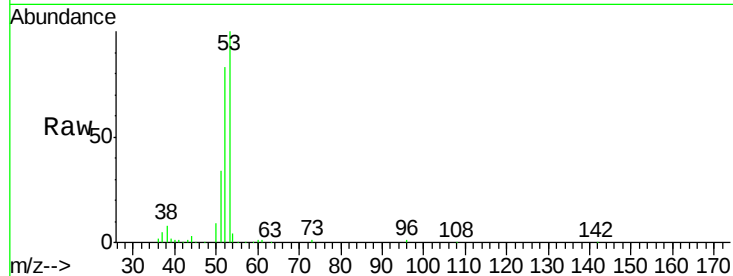
Tgt Ion: 53 Resp: 307096

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

51 33.9 29.6 44.4



#16

Acetone

Concen: 278.01 ug/l

RT: 2.84 min Scan# 179

Delta R.T. -0.03 min

Lab File: VD056995.D

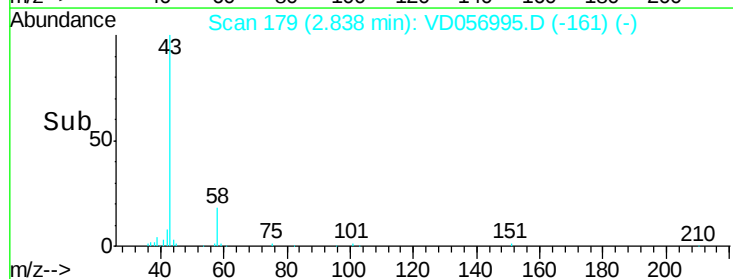
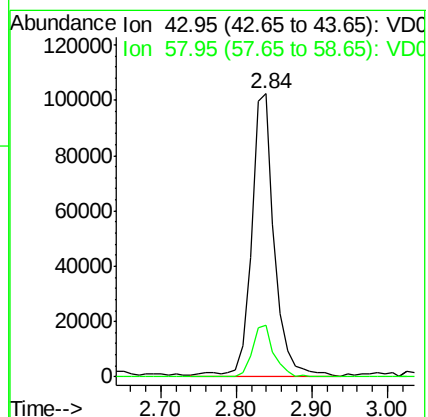
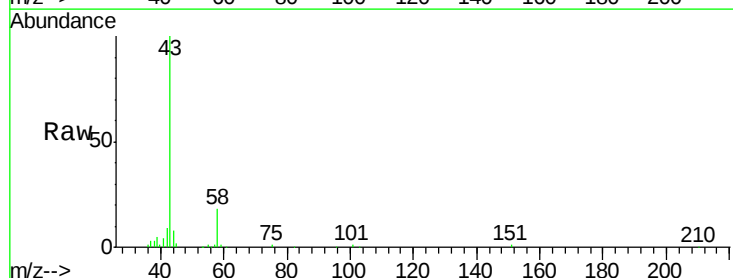
Acq: 28 Mar 2018 10:49

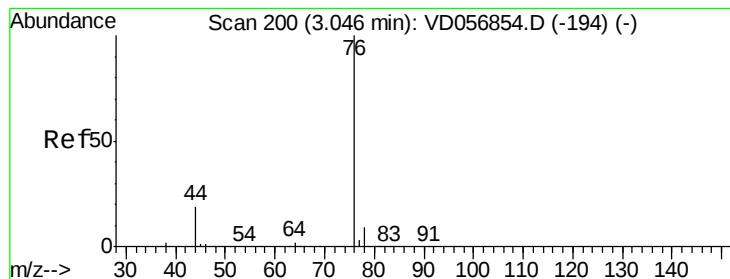
Tgt Ion: 43 Resp: 217195

Ion Ratio Lower Upper

43 100

58 18.1 13.6 20.4





#17

Carbon Disulfide

Concen: 47.83 ug/l

RT: 3.02 min Scan# 197

Delta R.T. -0.03 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

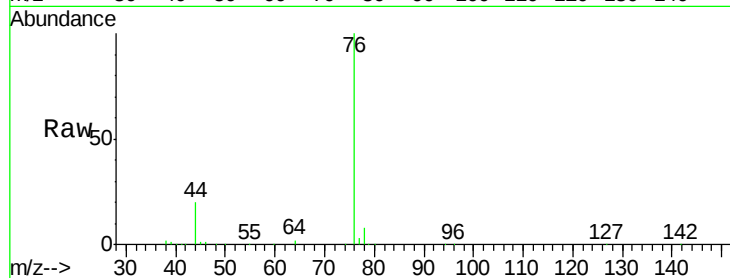
BFB

Tgt Ion: 76 Resp: 368331

Ion Ratio Lower Upper

76 100

78 8.3 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.02

200000

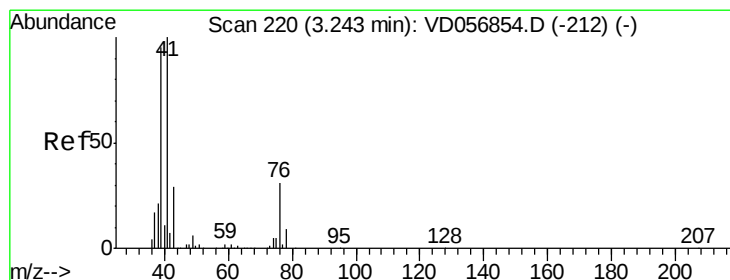
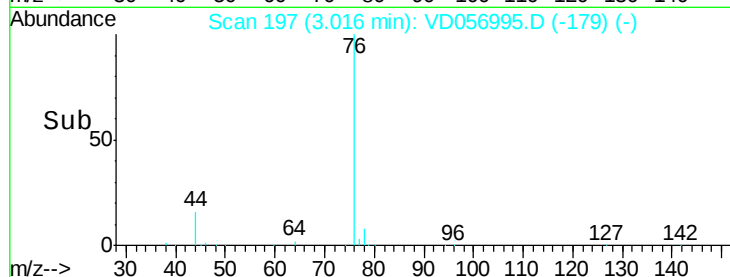
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 58.45 ug/l

RT: 3.21 min Scan# 217

Delta R.T. -0.04 min

Lab File: VD056995.D

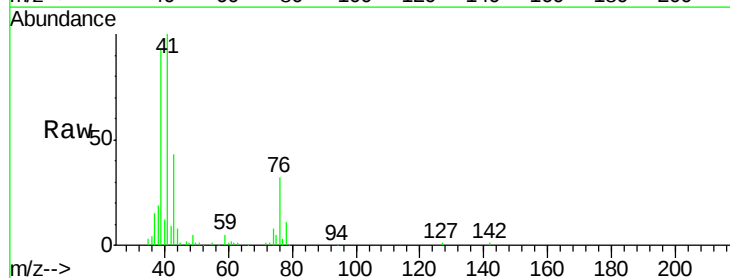
Acq: 28 Mar 2018 10:49

Tgt Ion: 43 Resp: 83154

Ion Ratio Lower Upper

43 100

74 17.7 15.6 23.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.21

40000

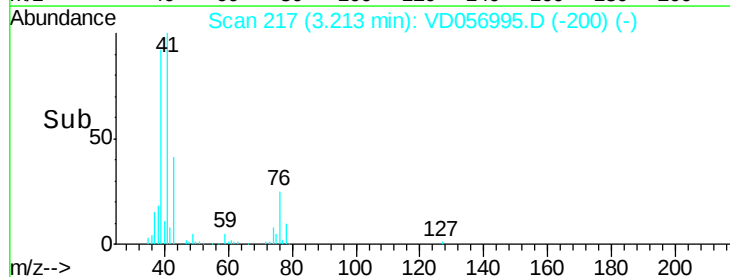
30000

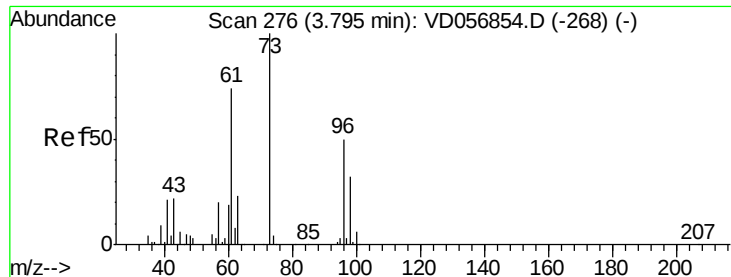
20000

10000

0

Time-->

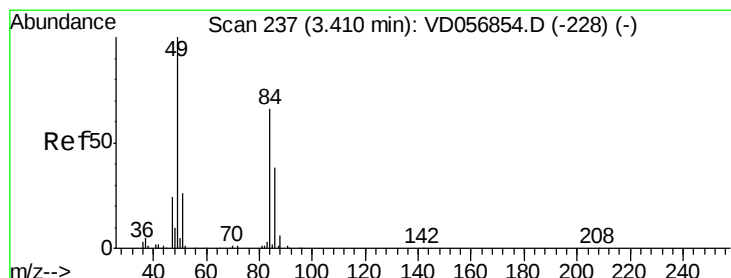
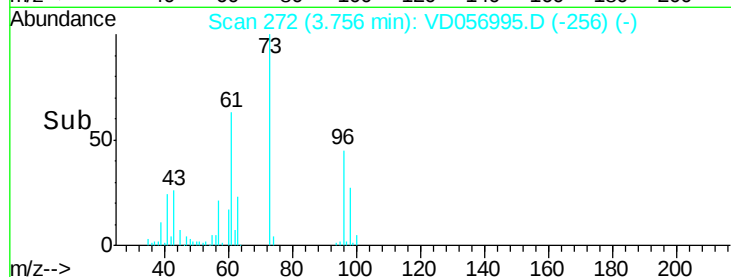
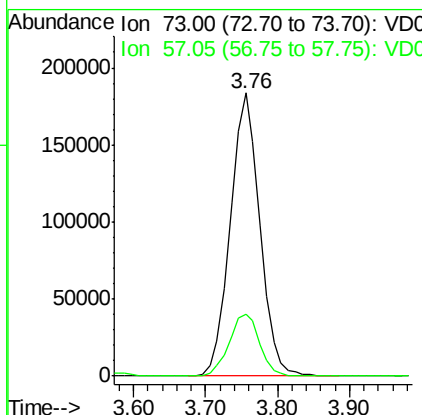
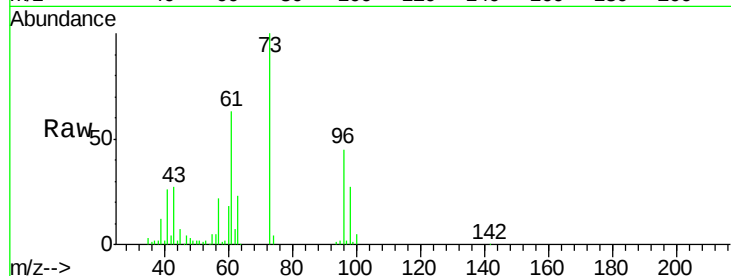




#19
Methyl tert-butyl Ether
Concen: 47.61 ug/l
RT: 3.76 min Scan# 272
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

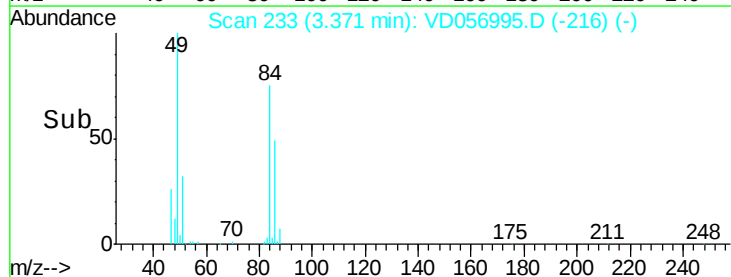
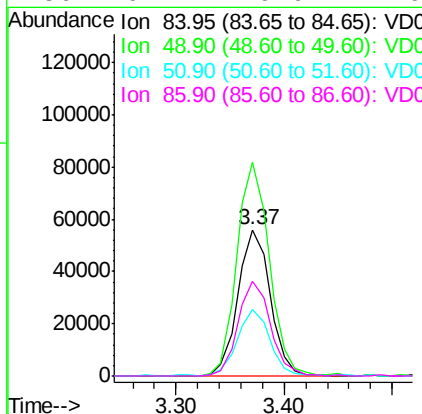
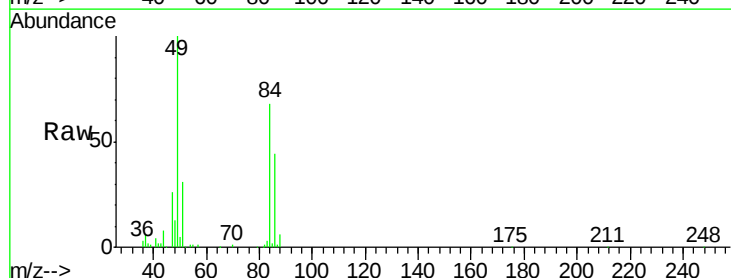
Instrument :
MSVOA_X
ClientSampleId :
BFB

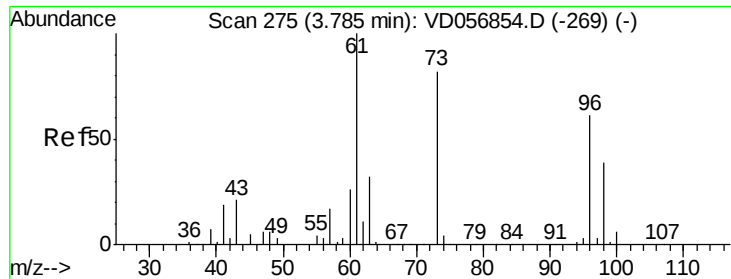
Tgt Ion: 73 Resp: 523311
Ion Ratio Lower Upper
73 100
57 21.7 16.6 24.8



#20
Methylene Chloride
Concen: 54.15 ug/l
RT: 3.37 min Scan# 233
Delta R.T. -0.04 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion: 84 Resp: 116781
Ion Ratio Lower Upper
84 100
49 146.1 124.5 186.7
51 45.8 35.1 52.7
86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.36 ug/l

RT: 3.75 min Scan# 271

Delta R.T. -0.04 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

BFB

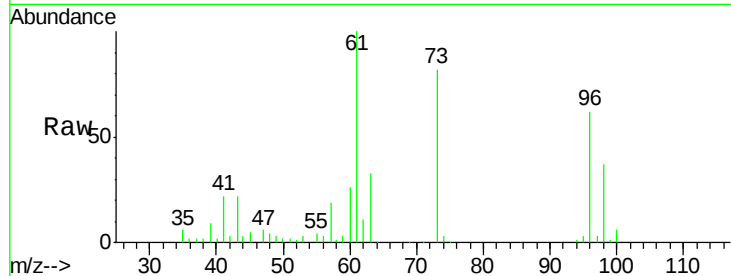
Tgt Ion: 96 Resp: 274177

Ion Ratio Lower Upper

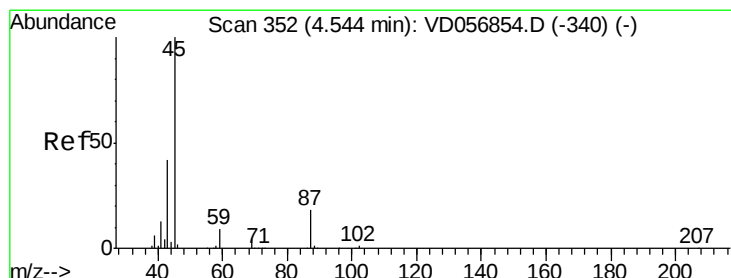
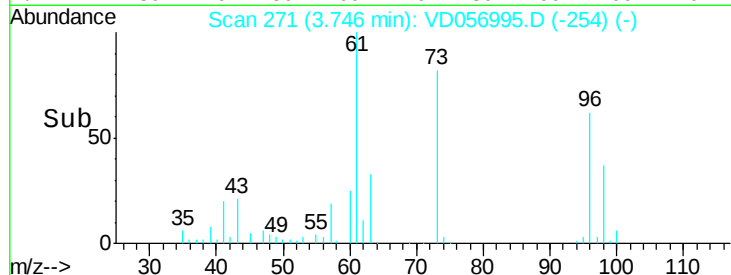
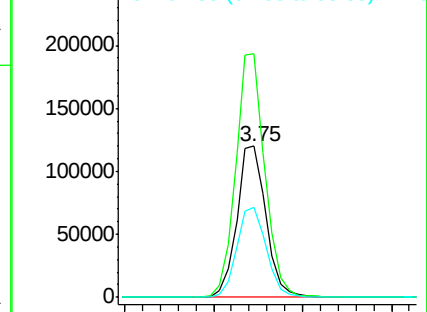
96 100

61 161.3 127.1 190.7

98 60.0 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 52.08 ug/l

RT: 4.50 min Scan# 347

Delta R.T. -0.06 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Tgt Ion: 45 Resp: 1070668

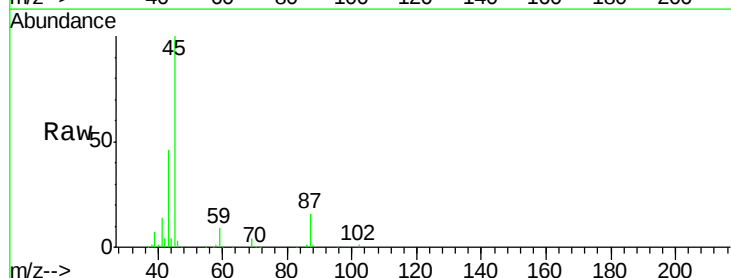
Ion Ratio Lower Upper

45 100

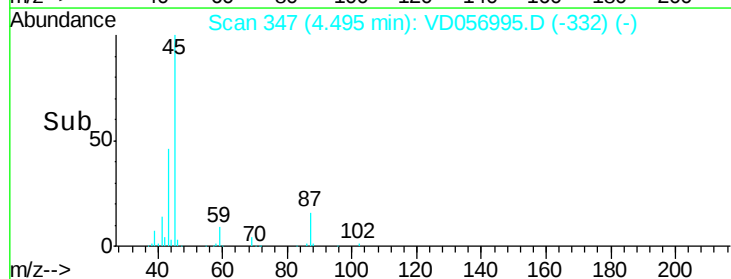
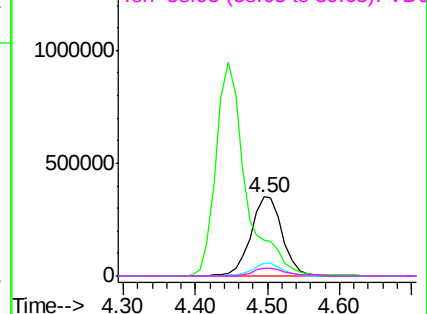
43 45.7 35.0 52.4

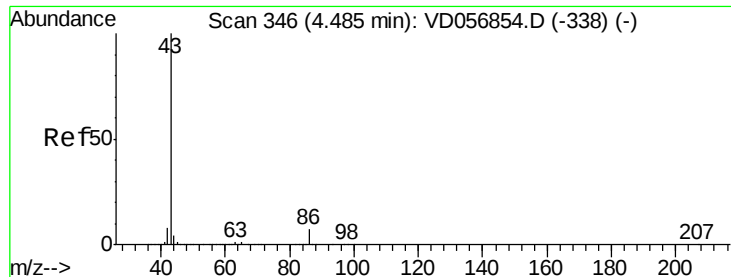
87 16.2 14.2 21.4

59 9.1 8.2 12.2



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 280.19 ug/l

RT: 4.45 min Scan# 342

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

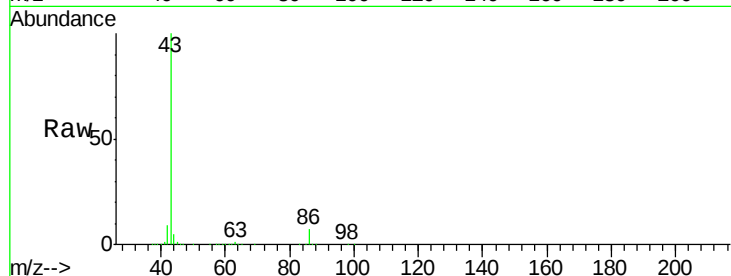
BFB

Tgt Ion: 43 Resp: 2717023

Ion Ratio Lower Upper

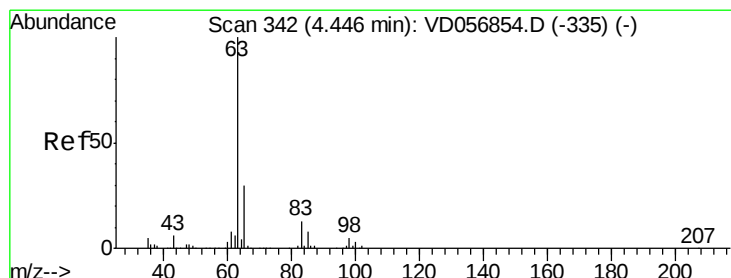
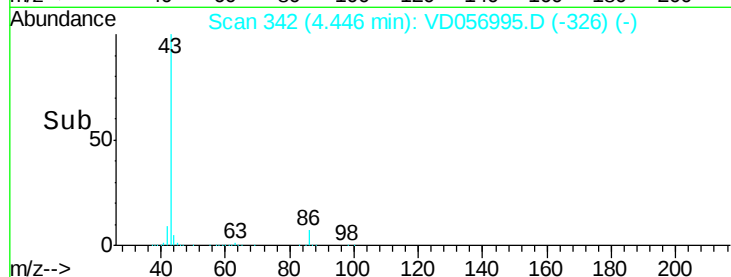
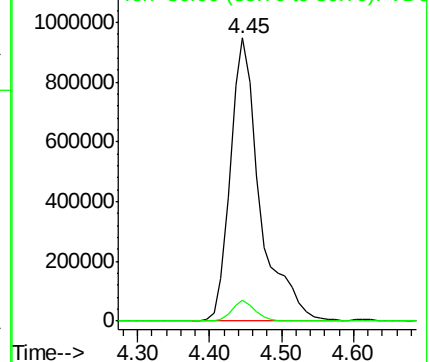
43 100

86 7.3 5.8 8.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.41 ug/l

RT: 4.41 min Scan# 338

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

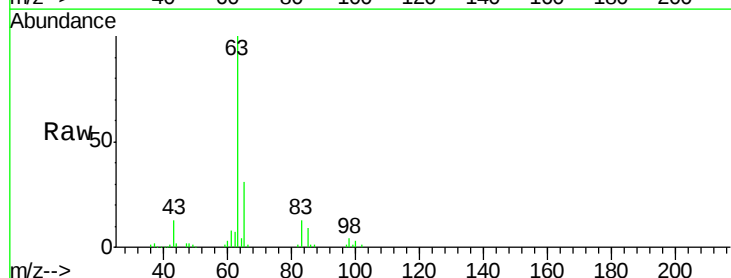
Tgt Ion: 63 Resp: 578200

Ion Ratio Lower Upper

63 100

98 4.2 2.5 7.4

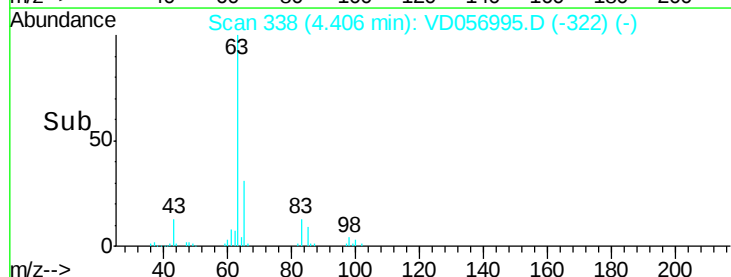
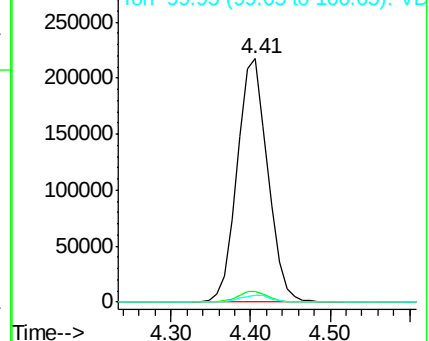
100 2.7 1.5 4.5

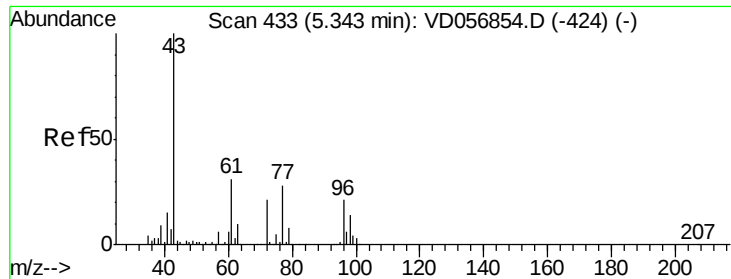


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 271.71 ug/l

RT: 5.29 min Scan# 428

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampled :

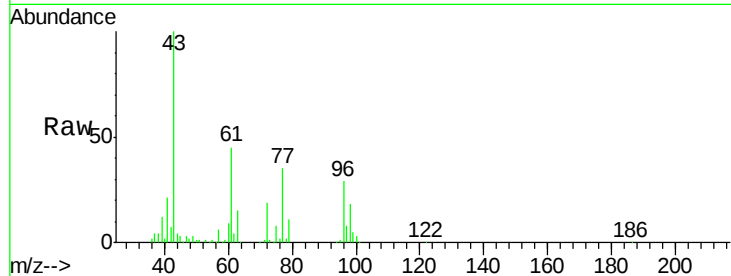
BFB

Tgt Ion: 43 Resp: 490679

Ion Ratio Lower Upper

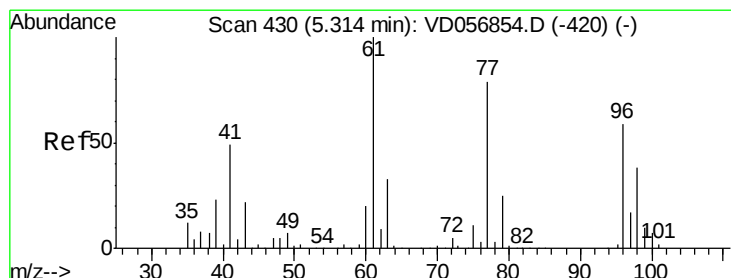
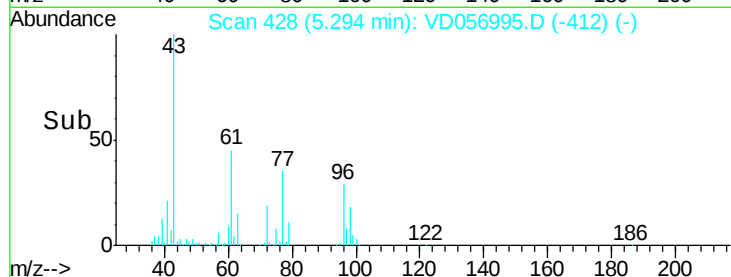
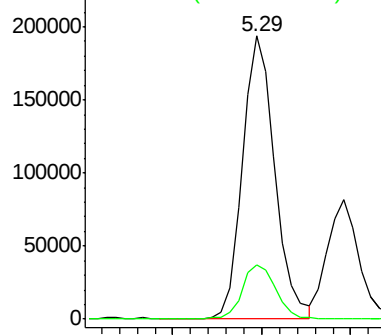
43 100

72 19.1 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.12 ug/l

RT: 5.26 min Scan# 425

Delta R.T. -0.05 min

Lab File: VD056995.D

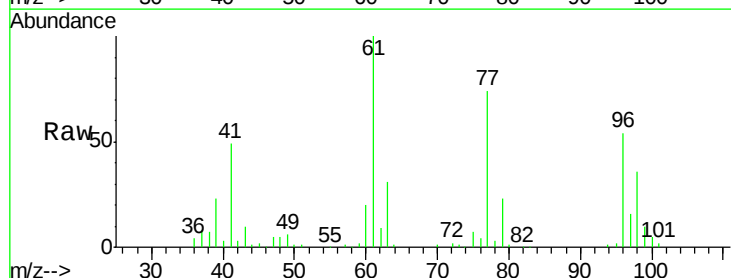
Acq: 28 Mar 2018 10:49

Tgt Ion: 77 Resp: 465644

Ion Ratio Lower Upper

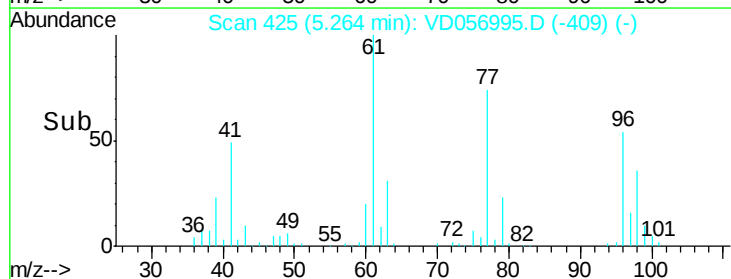
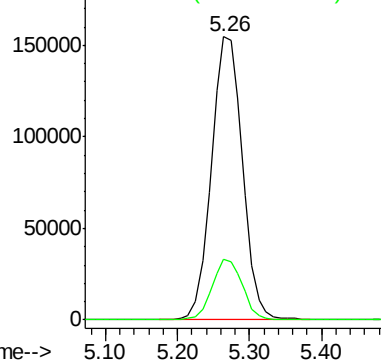
77 100

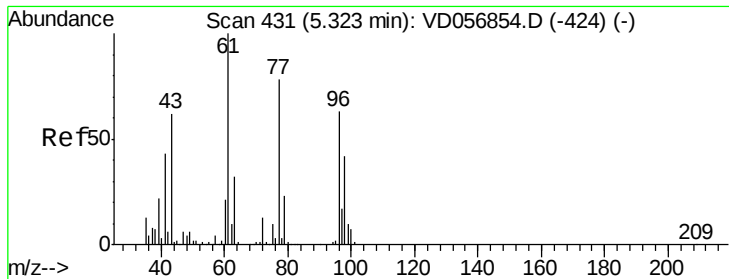
97 21.7 10.7 32.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

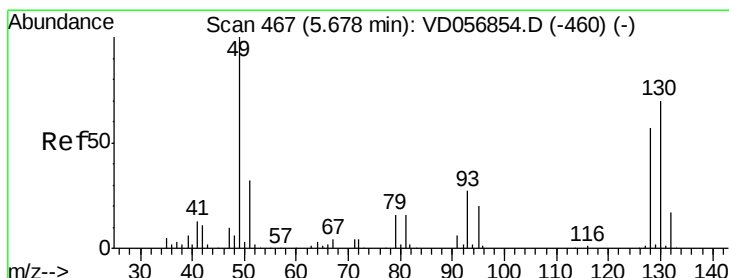
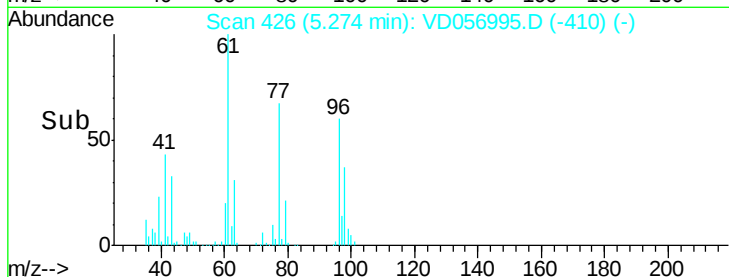
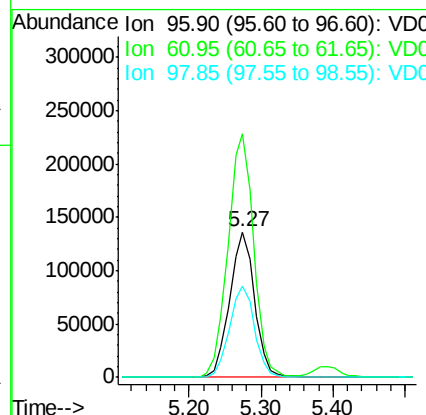
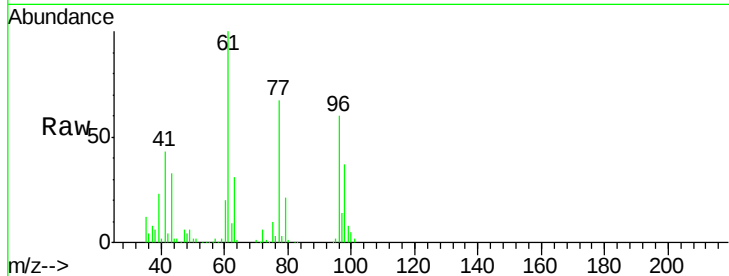




#27
 cis-1,2-Dichloroethene
 Concen: 51.42 ug/l
 RT: 5.27 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

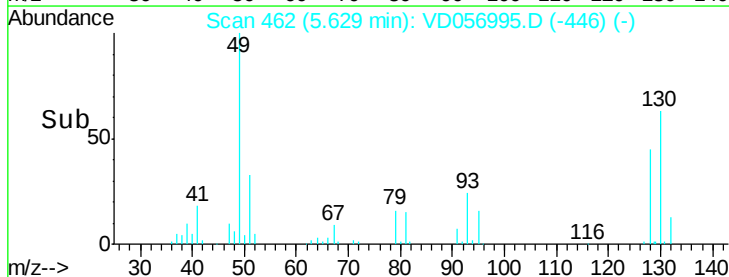
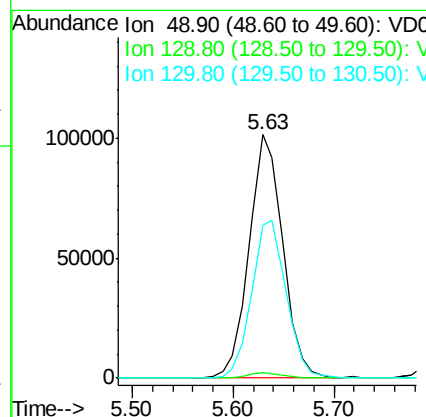
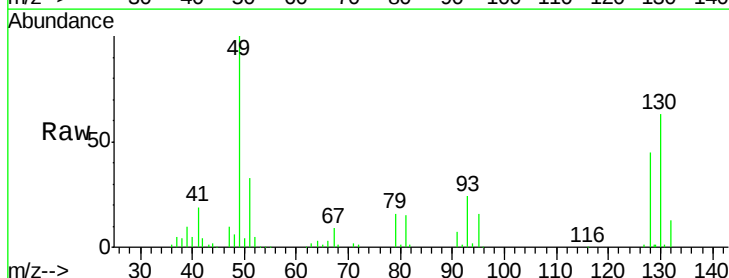
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

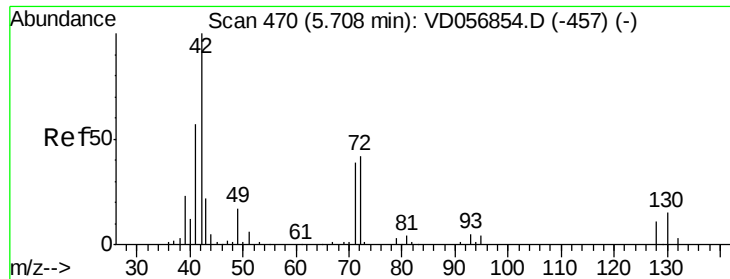
Tgt Ion: 96 Resp: 326836
 Ion Ratio Lower Upper
 96 100
 61 167.4 0.0 319.4
 98 62.5 0.0 129.0



#28
 Bromochloromethane
 Concen: 55.86 ug/l
 RT: 5.63 min Scan# 462
 Delta R.T. -0.05 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 49 Resp: 236706
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 3.4
 130 62.7 53.0 79.6

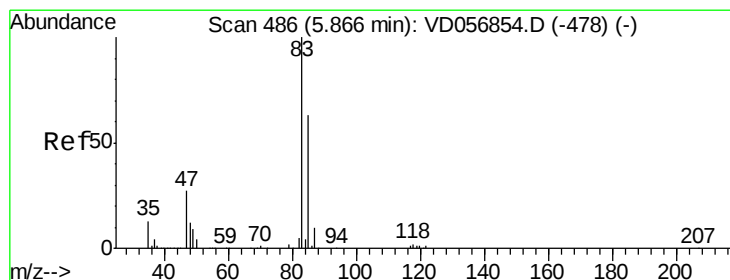
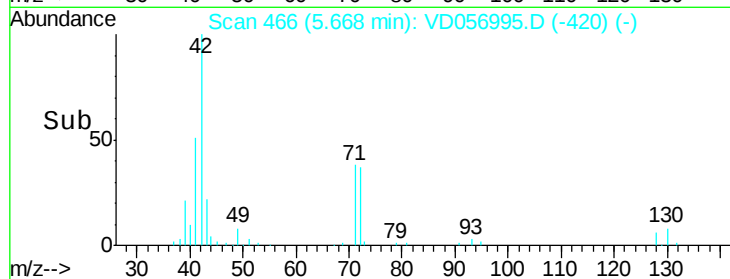
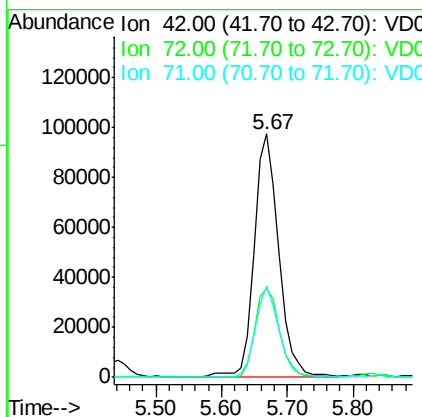
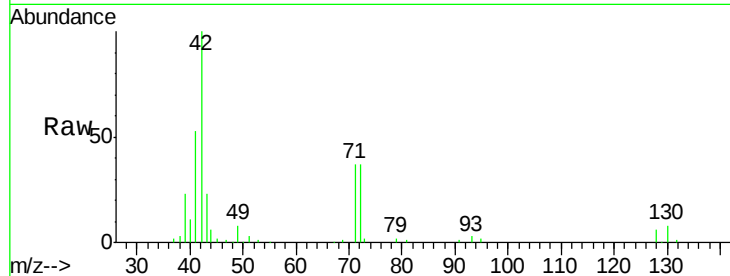




#29
Tetrahydrofuran
Concen: 252.44 ug/l
RT: 5.67 min Scan# 466
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

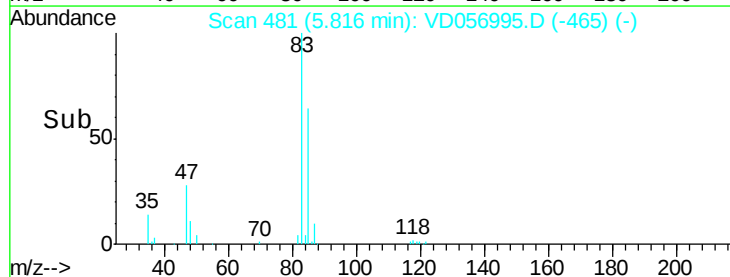
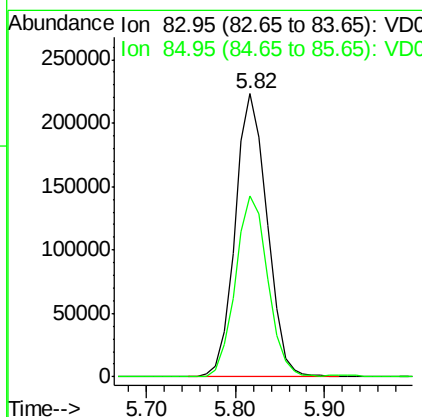
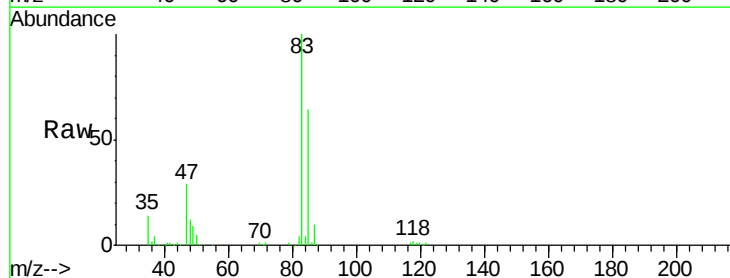
Instrument :
MSVOA_X
ClientSampleId :
BFB

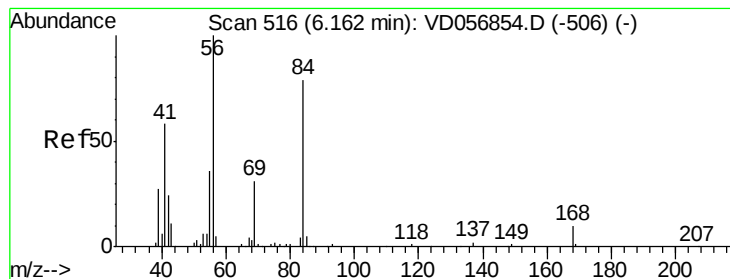
Tgt Ion: 42 Resp: 256087
Ion Ratio Lower Upper
42 100
72 37.0 30.9 46.3
71 35.5 30.4 45.6



#30
Chloroform
Concen: 49.28 ug/l
RT: 5.82 min Scan# 481
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion: 83 Resp: 556552
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9





#31

Cyclohexane

Concen: 52.05 ug/l

RT: 6.11 min Scan# 511

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

BFB

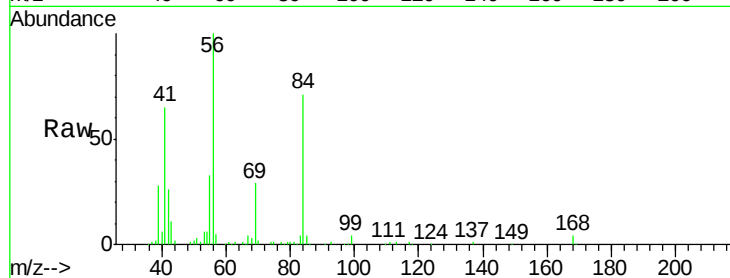
Tgt Ion: 56 Resp: 539549

Ion Ratio Lower Upper

56 100

69 29.2 23.1 34.7

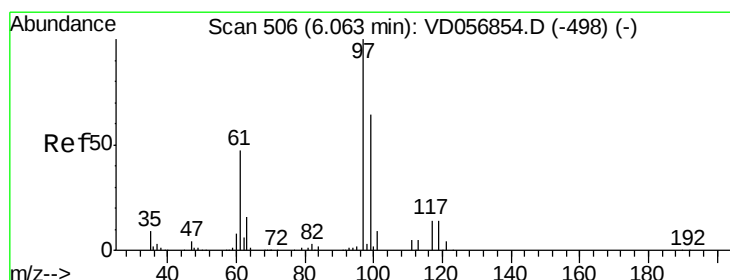
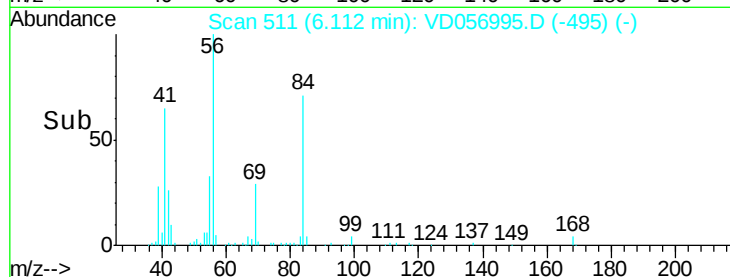
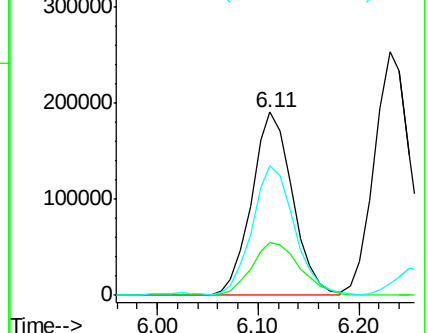
84 70.8 60.2 90.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 46.78 ug/l

RT: 6.02 min Scan# 502

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

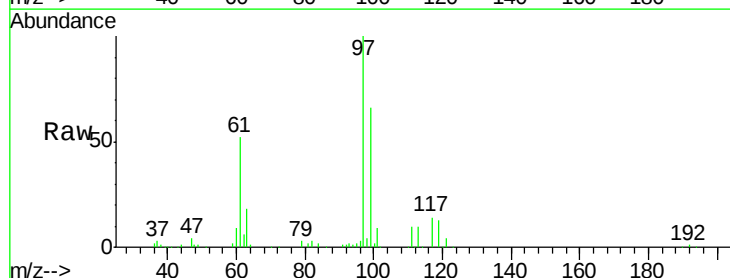
Tgt Ion: 97 Resp: 427790

Ion Ratio Lower Upper

97 100

99 65.8 51.2 76.8

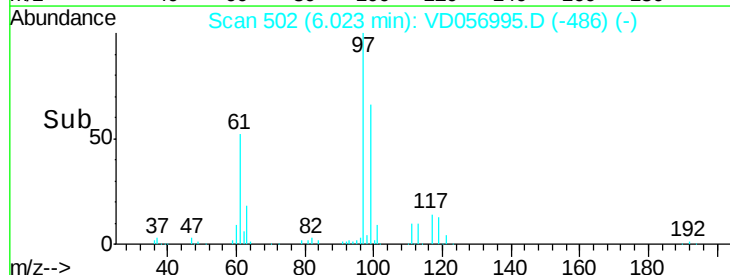
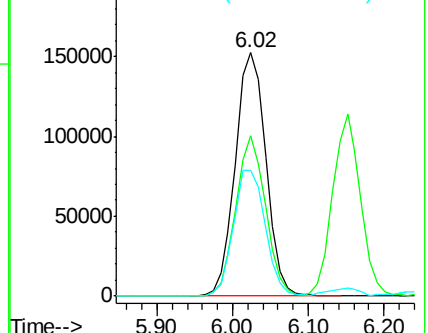
61 51.7 38.8 58.2

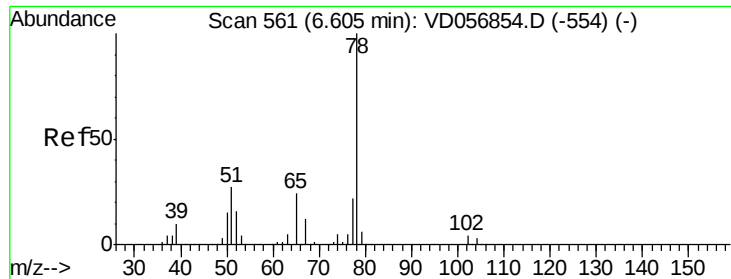


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 46.78 ug/l

RT: 6.56 min Scan# 556

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampled :

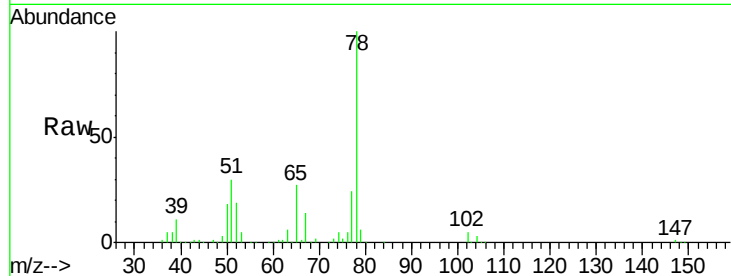
BFB

Tgt Ion: 65 Resp: 291969

Ion Ratio Lower Upper

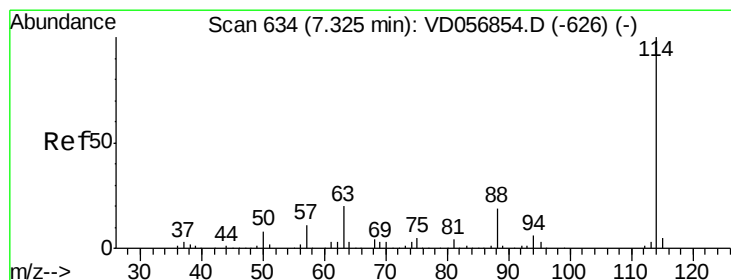
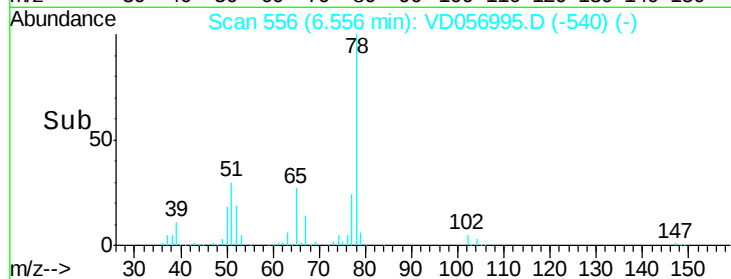
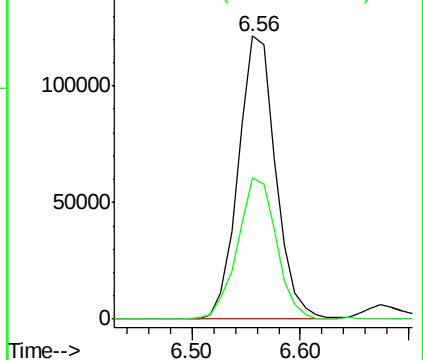
65 100

67 50.1 0.0 104.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

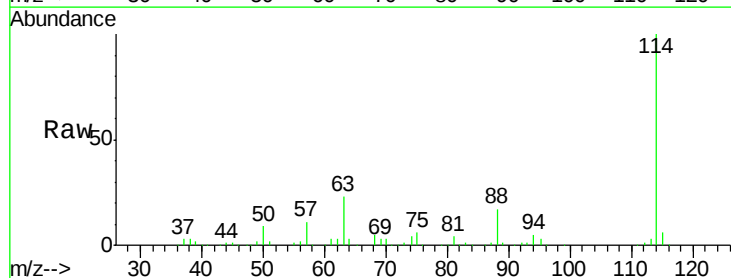
Tgt Ion: 114 Resp: 837582

Ion Ratio Lower Upper

114 100

63 23.2 0.0 42.6

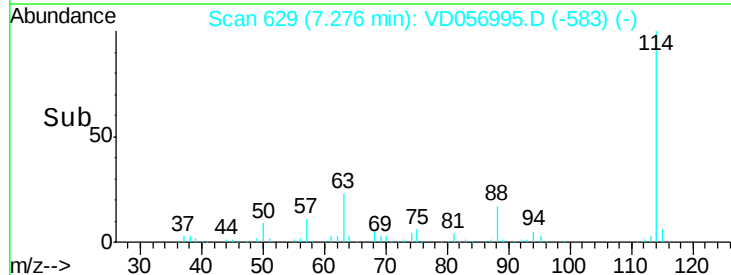
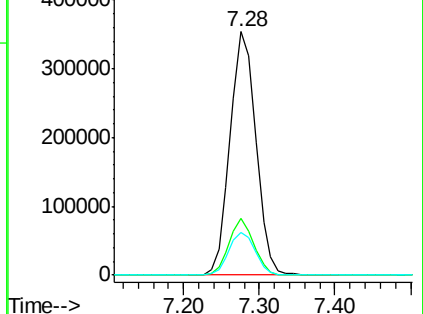
88 17.5 0.0 35.2

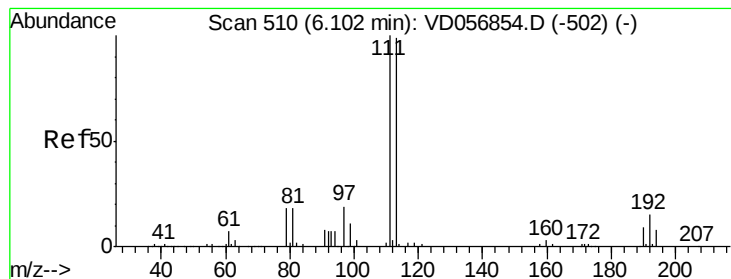


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.05 min Scan# 505

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

BFB

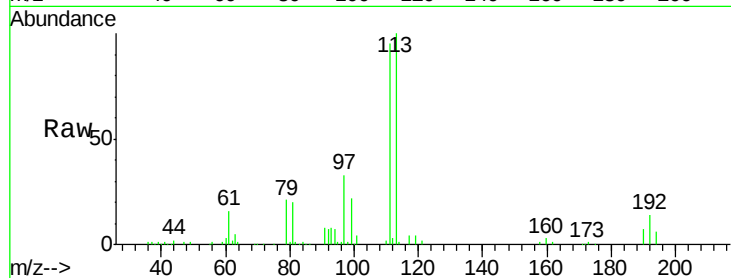
Tgt Ion:113 Resp: 323432

Ion Ratio Lower Upper

113 100

111 95.4 81.5 122.3

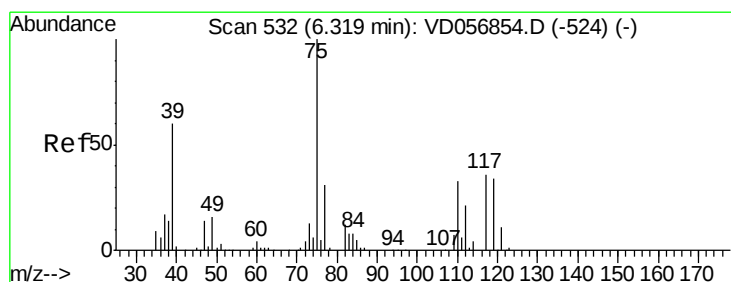
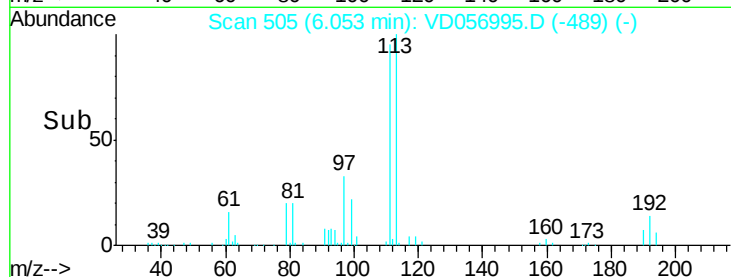
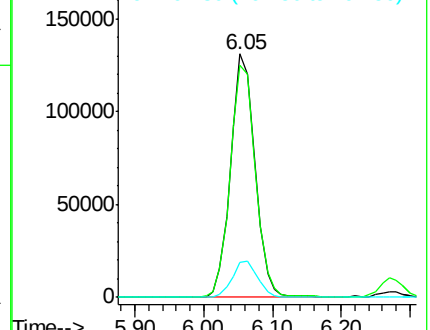
192 14.3 12.6 19.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 50.94 ug/l

RT: 6.27 min Scan# 527

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

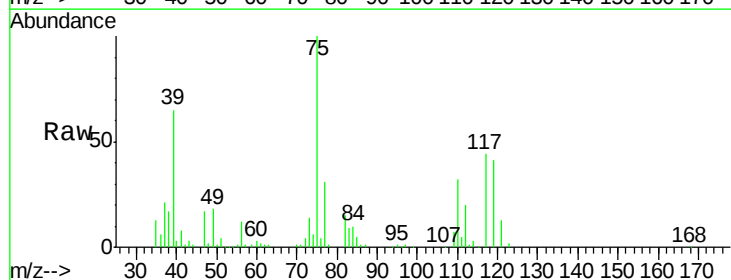
Tgt Ion: 75 Resp: 466789

Ion Ratio Lower Upper

75 100

110 32.1 15.9 47.6

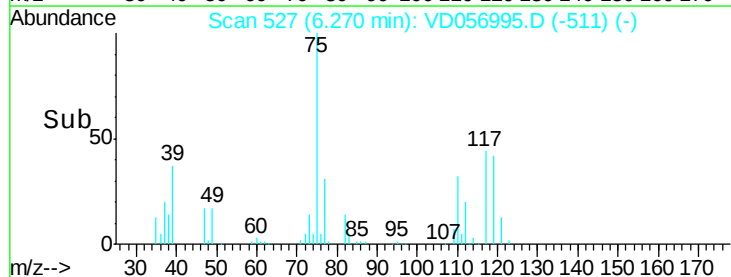
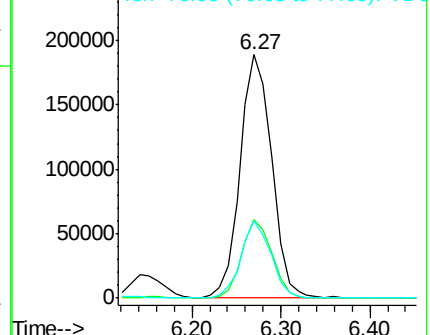
77 31.5 23.8 35.6

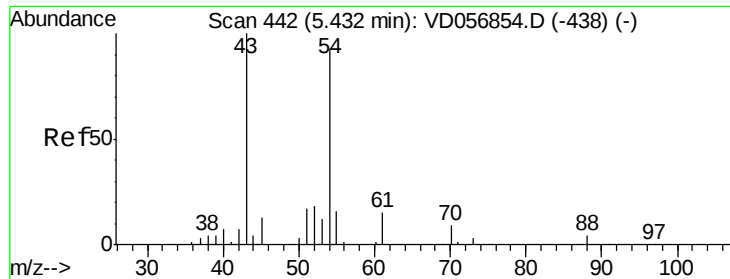


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC

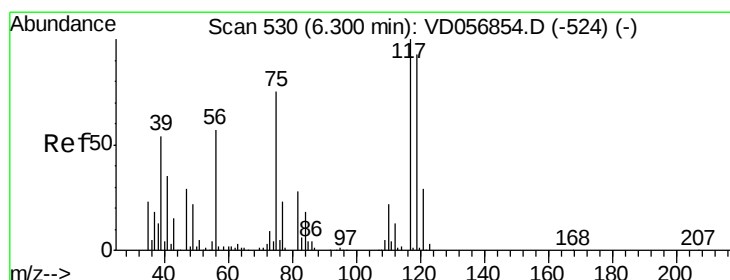
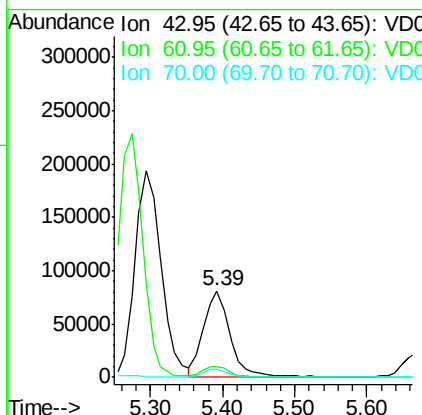
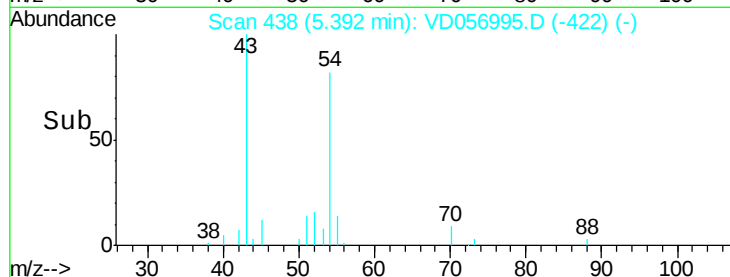
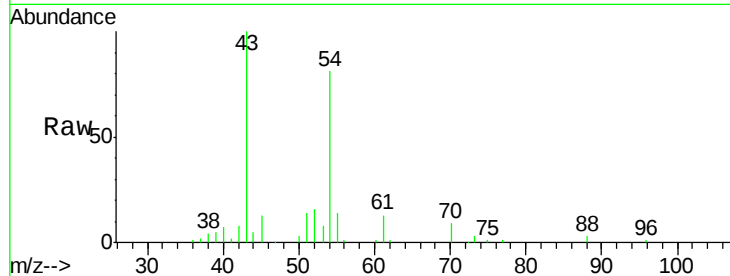




#37
Ethyl Acetate
Concen: 48.69 ug/l
RT: 5.39 min Scan# 438
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

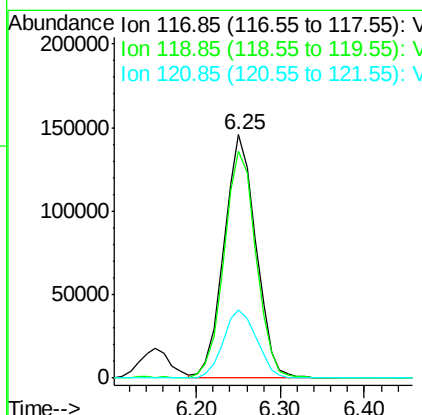
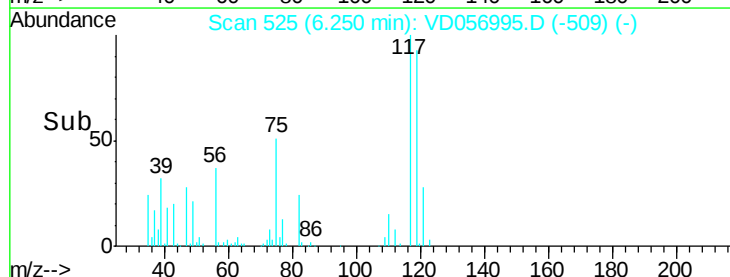
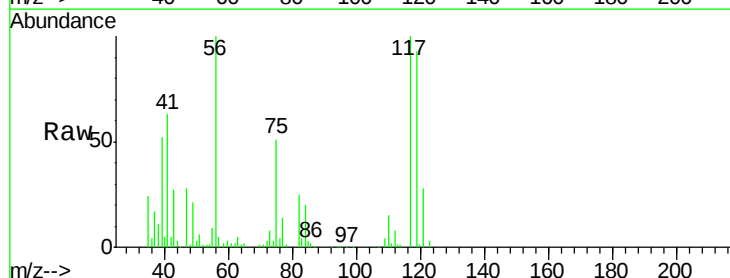
Instrument :
MSVOA_X
ClientSampled :
BFB

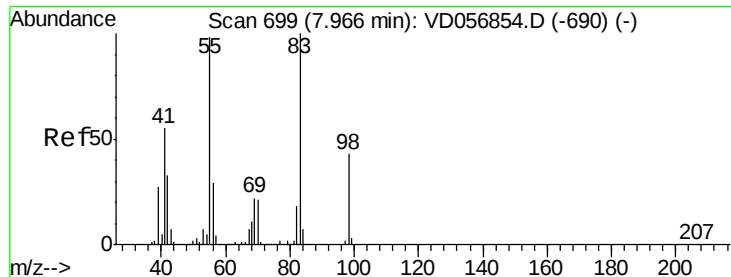
Tgt Ion: 43 Resp: 204647
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 48.84 ug/l
RT: 6.25 min Scan# 525
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion: 117 Resp: 384215
Ion Ratio Lower Upper
117 100
119 93.4 78.2 117.2
121 27.8 24.6 37.0

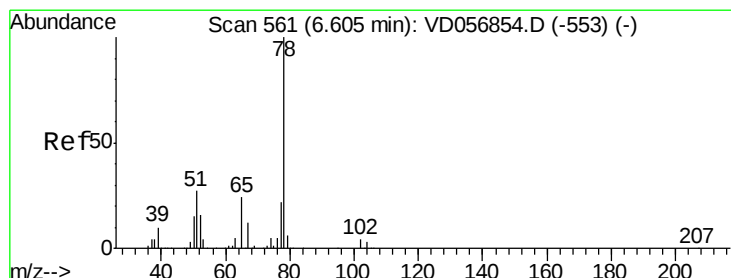
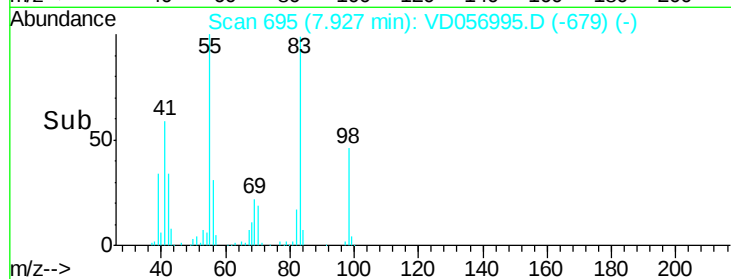
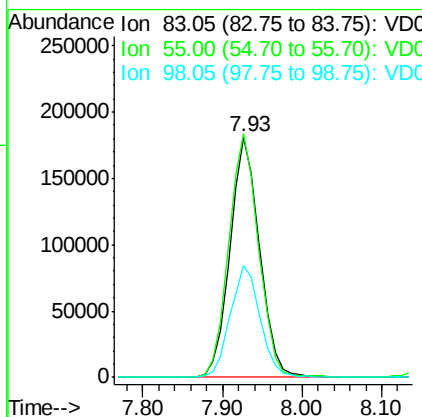
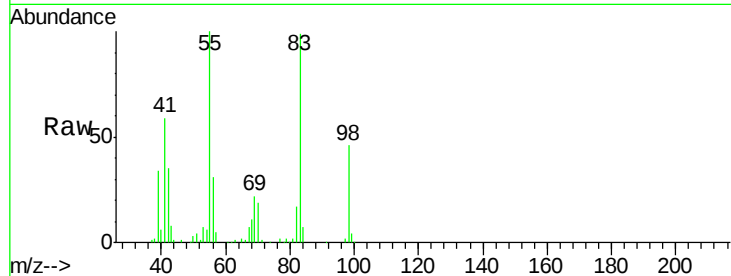




#39
Methylcyclohexane
Concen: 44.68 ug/l
RT: 7.93 min Scan# 695
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

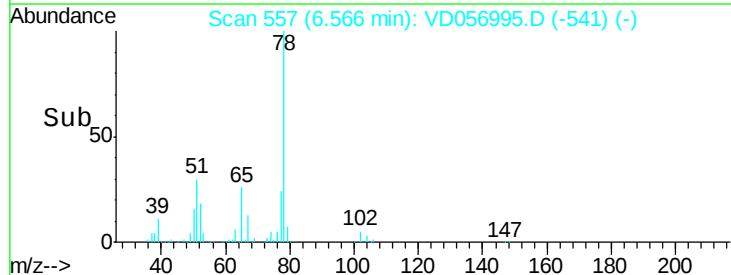
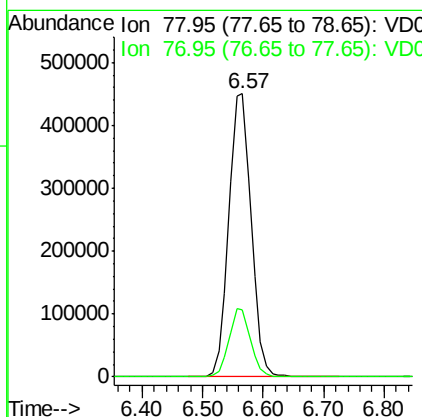
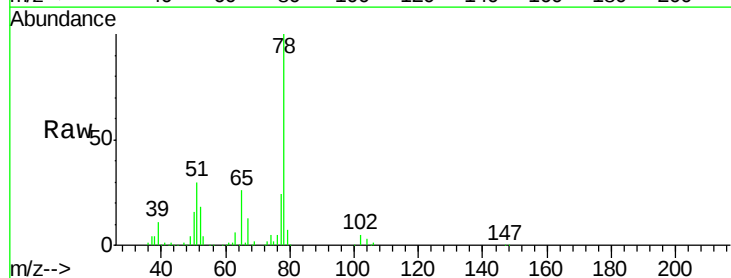
Instrument :
MSVOA_X
ClientSampleId :
BFB

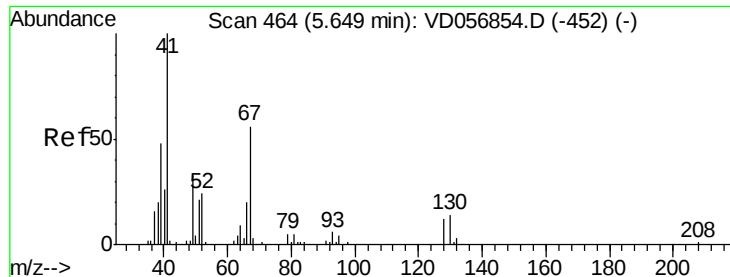
Tgt Ion: 83 Resp: 468240
Ion Ratio Lower Upper
83 100
55 101.3 73.4 110.0
98 46.5 36.5 54.7



#40
Benzene
Concen: 50.53 ug/l
RT: 6.57 min Scan# 557
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion: 78 Resp: 1155814
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0





#41

Methacrylonitrile

Concen: 54.48 ug/l

RT: 5.60 min Scan# 459

Delta R.T. -0.06 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampled :

BFB

Tgt Ion: 41 Resp: 133474

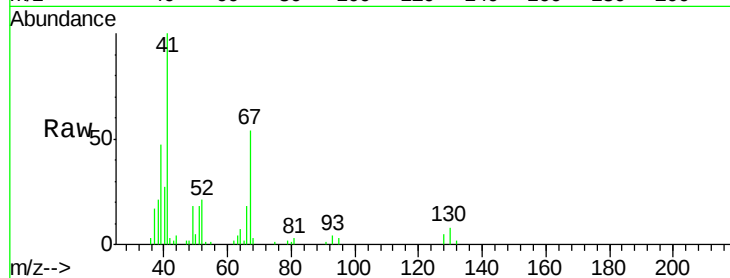
Ion Ratio Lower Upper

41 100

39 47.4 43.0 64.4

67 54.4 48.3 72.5

52 20.9 17.4 26.2

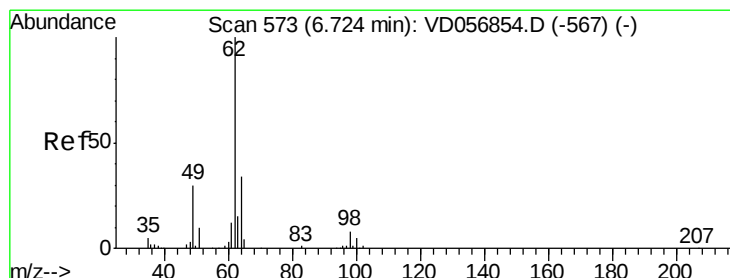
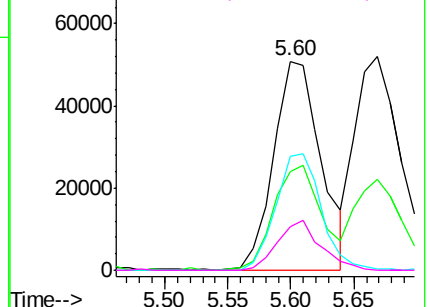
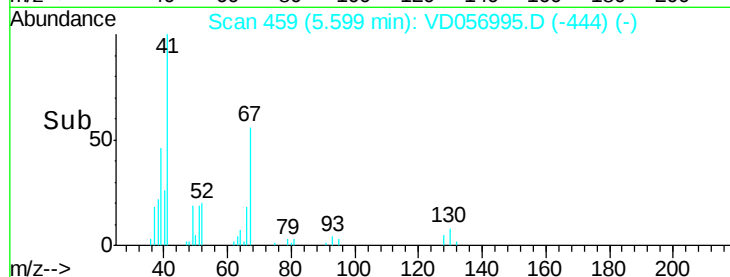


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 55.02 ug/l

RT: 6.67 min Scan# 568

Delta R.T. -0.05 min

Lab File: VD056995.D

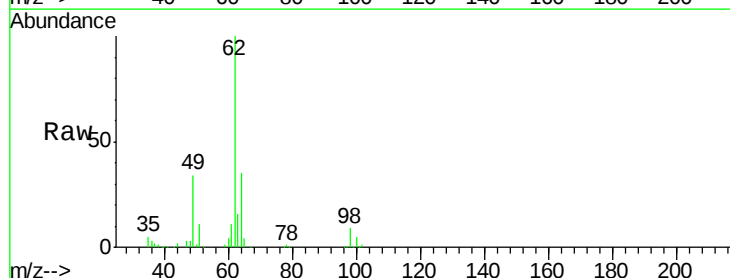
Acq: 28 Mar 2018 10:49

Tgt Ion: 62 Resp: 370674

Ion Ratio Lower Upper

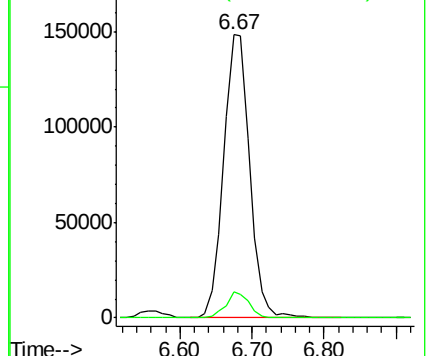
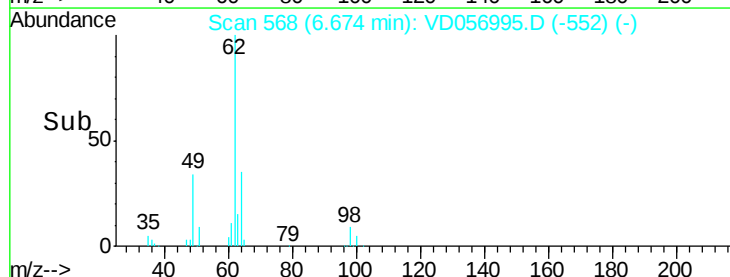
62 100

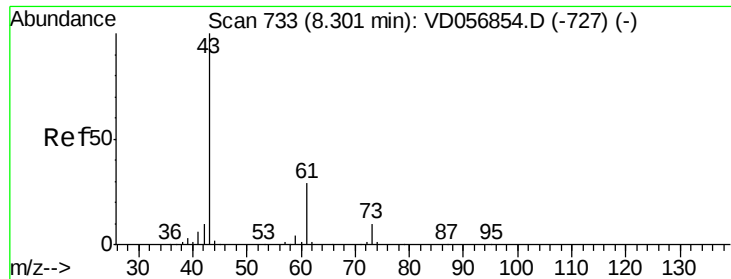
98 9.1 0.0 16.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

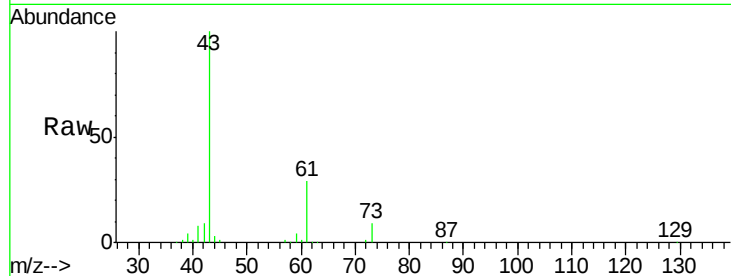




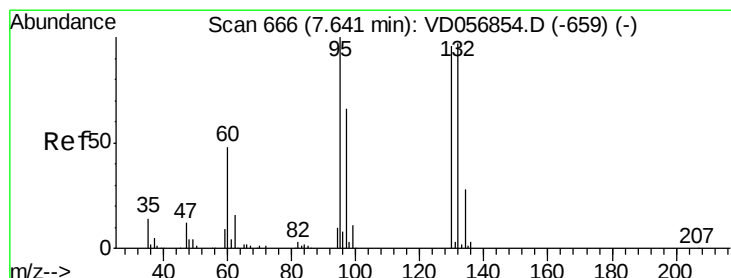
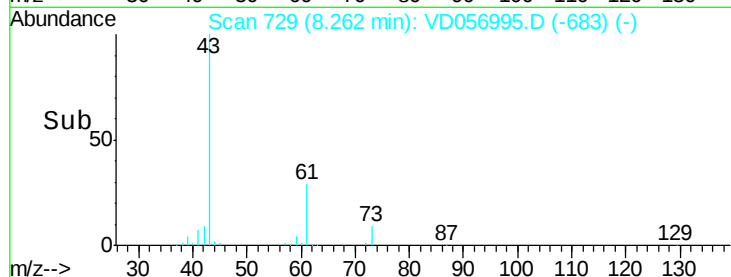
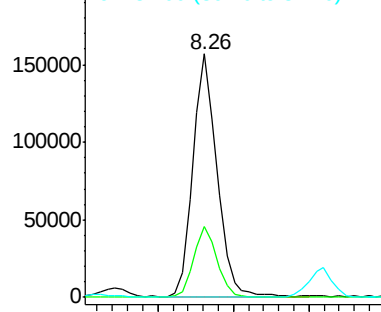
#43
Isopropyl Acetate
Concen: 53.23 ug/l
RT: 8.26 min Scan# 729
Delta R.T. -0.05 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 43 Resp: 344320
Ion Ratio Lower Upper
43 100
61 28.9 23.4 35.0
87 0.2 0.2 0.4#

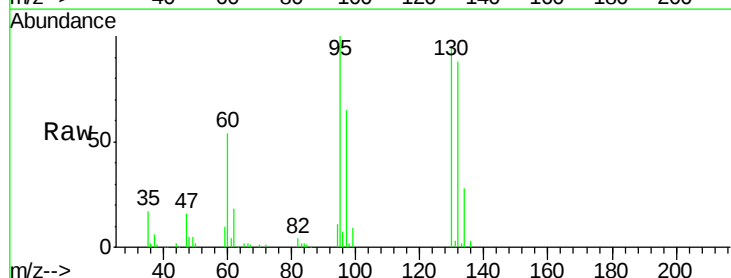


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

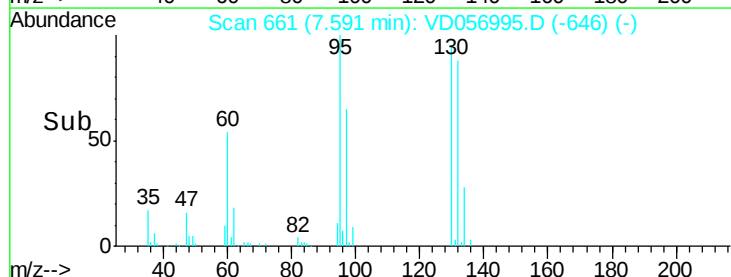
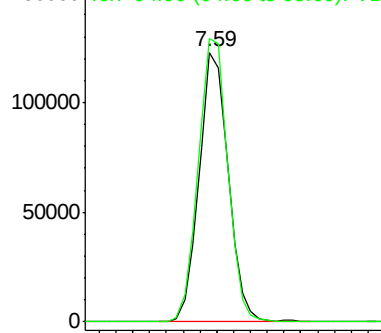


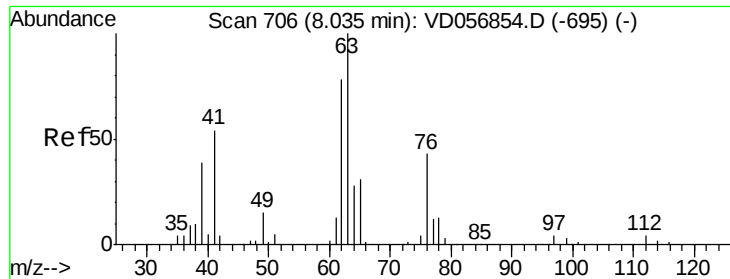
#44
Trichloroethene
Concen: 46.51 ug/l
RT: 7.59 min Scan# 661
Delta R.T. -0.06 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion:130 Resp: 297699
Ion Ratio Lower Upper
130 100
95 105.1 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 51.18 ug/l

RT: 8.00 min Scan# 702

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

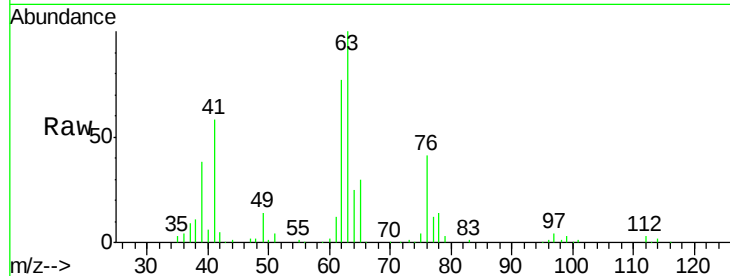
BFB

Tgt Ion: 63 Resp: 349626

Ion Ratio Lower Upper

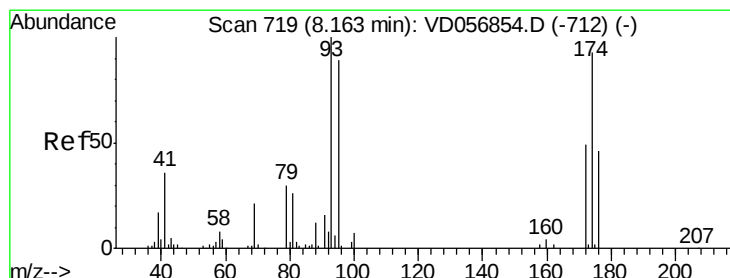
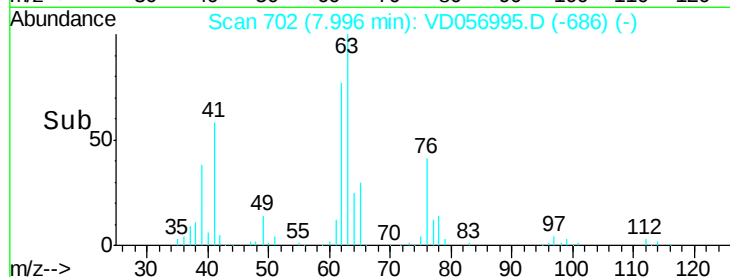
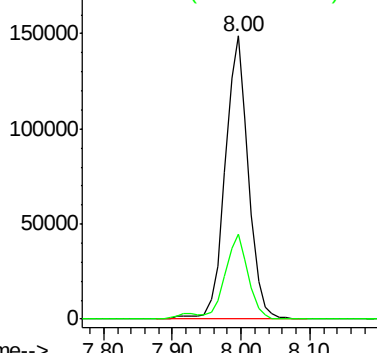
63 100

65 29.8 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 49.32 ug/l

RT: 8.11 min Scan# 714

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

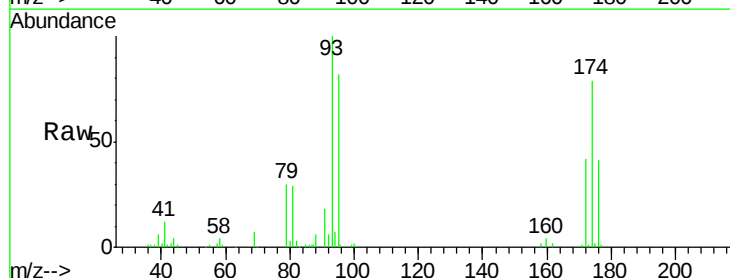
Tgt Ion: 93 Resp: 168798

Ion Ratio Lower Upper

93 100

95 82.0 65.0 97.6

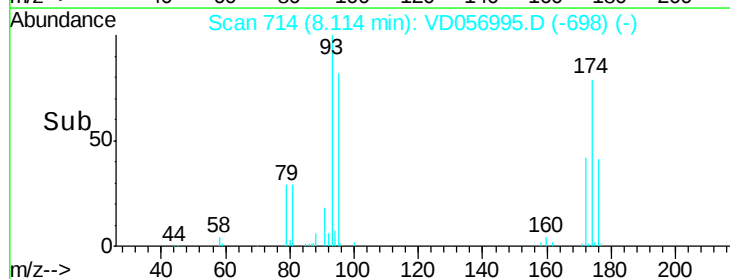
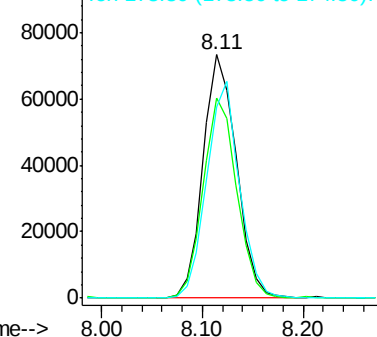
174 78.5 71.8 107.8

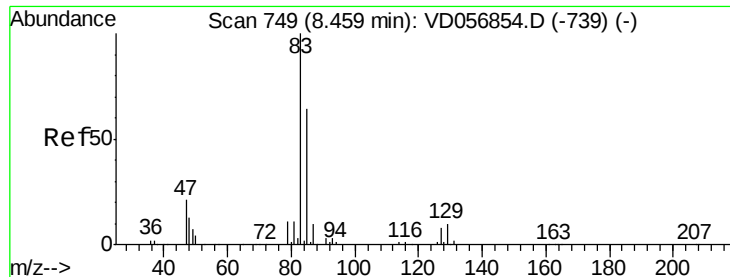


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 49.00 ug/l

RT: 8.41 min Scan# 744

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

BFB

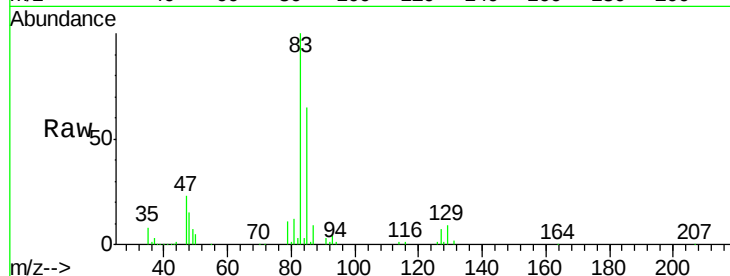
Tgt Ion: 83 Resp: 433387

Ion Ratio Lower Upper

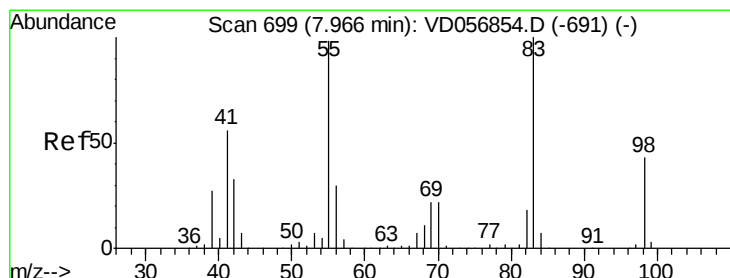
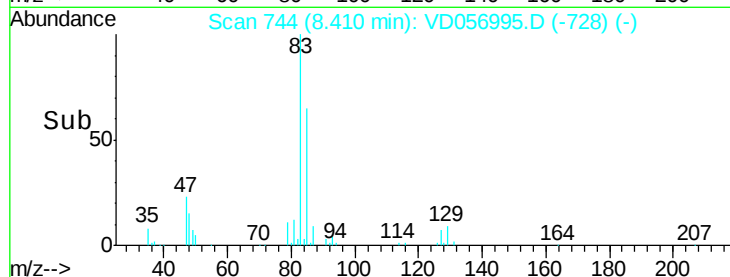
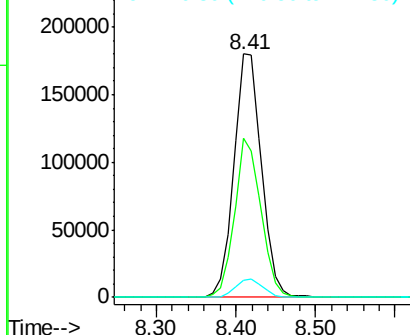
83 100

85 65.2 50.2 75.4

127 7.2 6.4 9.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 47.89 ug/l

RT: 7.93 min Scan# 695

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

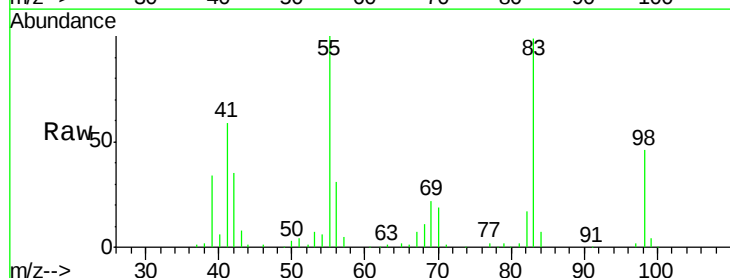
Tgt Ion: 41 Resp: 273739

Ion Ratio Lower Upper

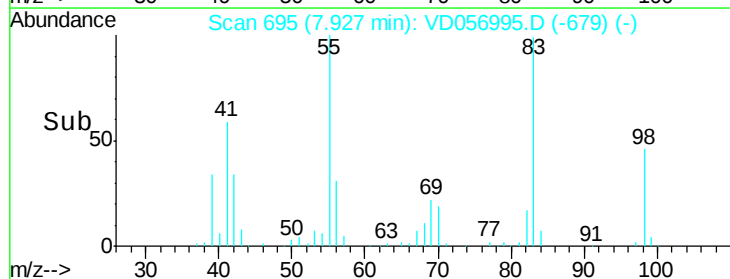
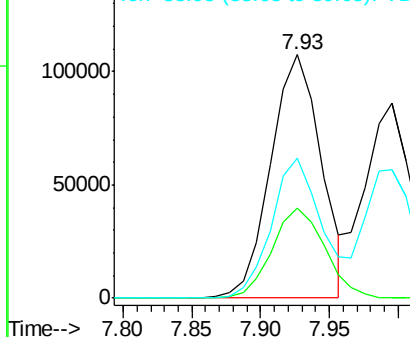
41 100

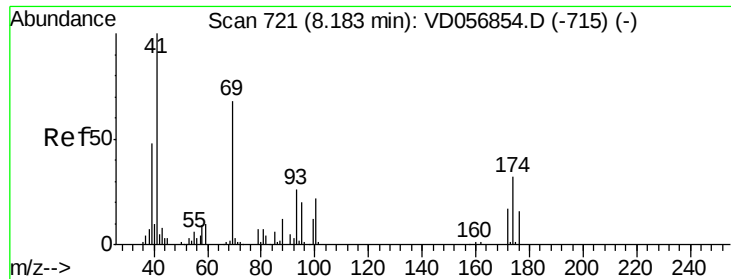
69 36.9 34.8 52.2

39 57.7 43.3 64.9



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

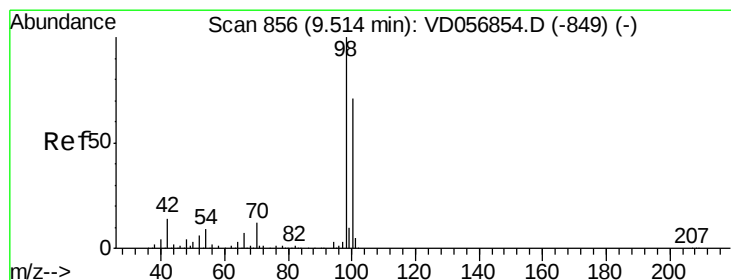
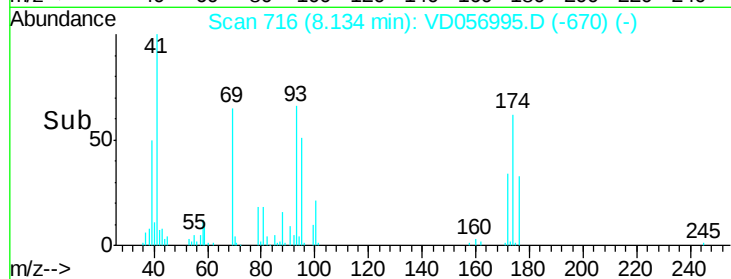
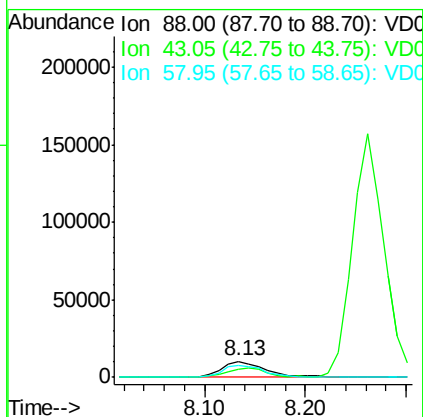
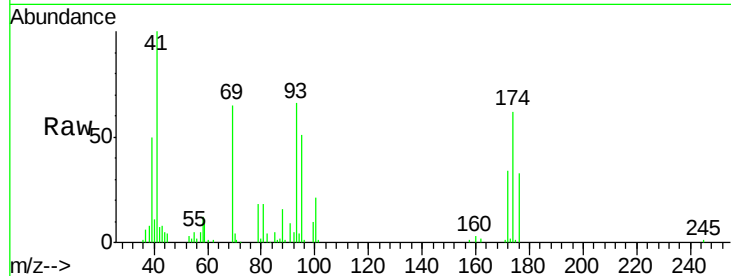




#49
 1,4-Dioxane
 Concen: 1018.26 ug/l
 RT: 8.13 min Scan# 716
 Delta R.T. -0.05 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

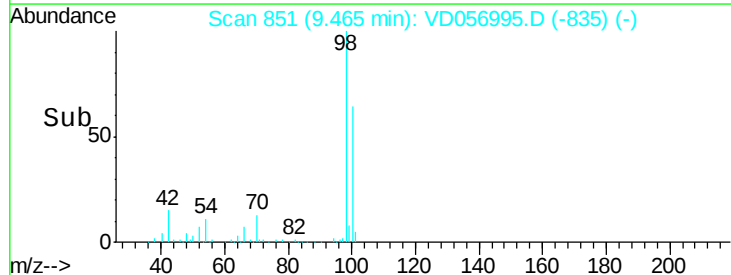
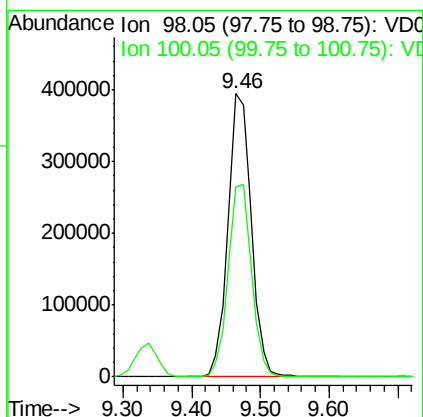
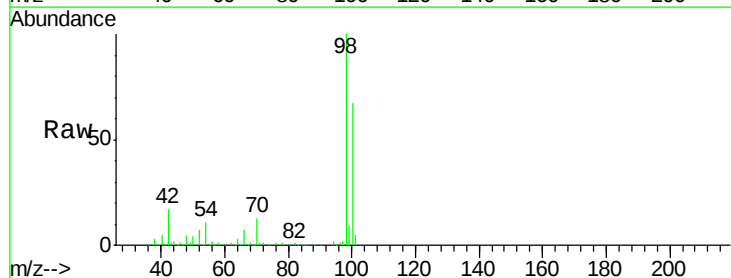
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

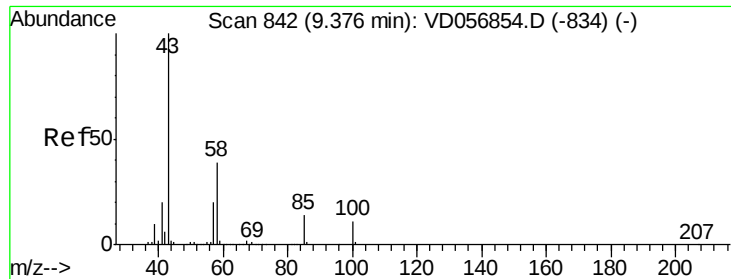
Tgt Ion: 88 Resp: 30486
 Ion Ratio Lower Upper
 88 100
 43 53.3 46.2 69.4
 58 75.0 65.8 98.8



#50
 Toluene-d8
 Concen: 1018.26 ug/l
 RT: 9.46 min Scan# 851
 Delta R.T. -0.05 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 98 Resp: 925819
 Ion Ratio Lower Upper
 98 100
 100 67.1 56.2 84.4

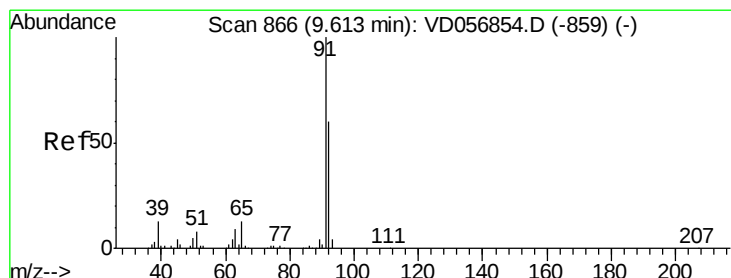
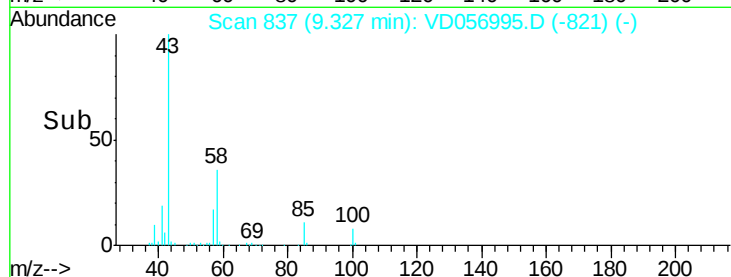
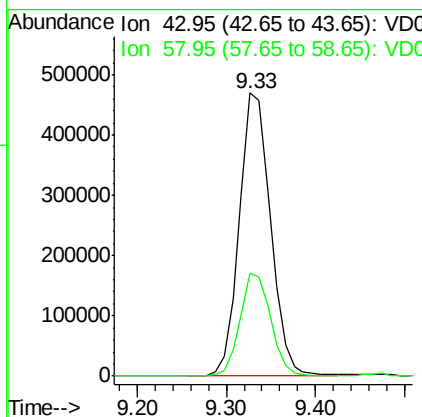
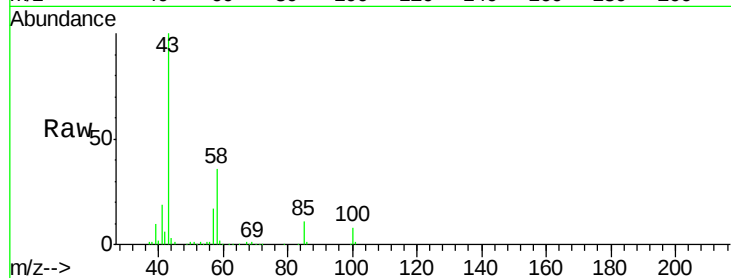




#51
 4-Methyl-2-Pentanone
 Concen: 262.86 ug/l
 RT: 9.33 min Scan# 837
 Delta R.T. -0.05 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

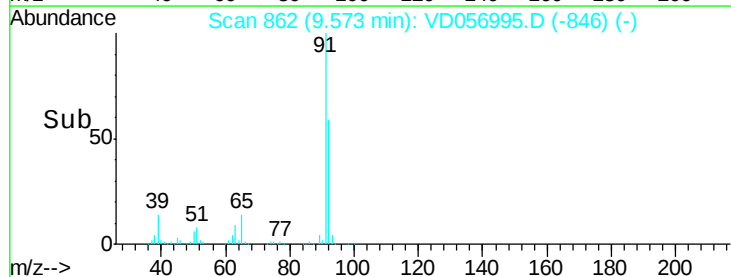
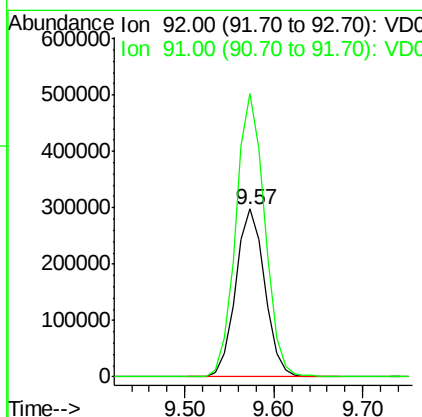
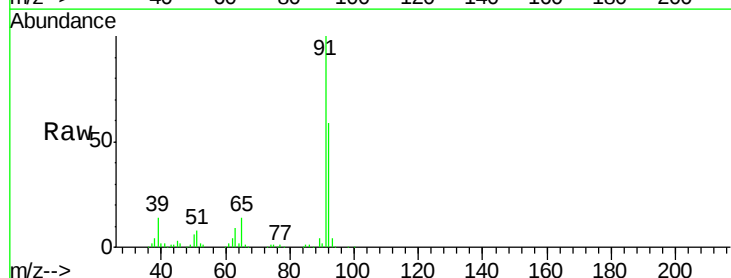
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

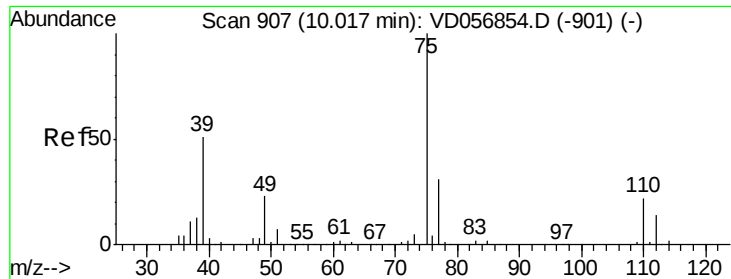
Tgt Ion: 43 Resp: 1142517
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.4 44.2



#52
 Toluene
 Concen: 45.99 ug/l
 RT: 9.57 min Scan# 862
 Delta R.T. -0.05 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 92 Resp: 677805
 Ion Ratio Lower Upper
 92 100
 91 168.4 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 47.65 ug/l

RT: 9.98 min Scan# 903

Delta R.T. -0.05 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

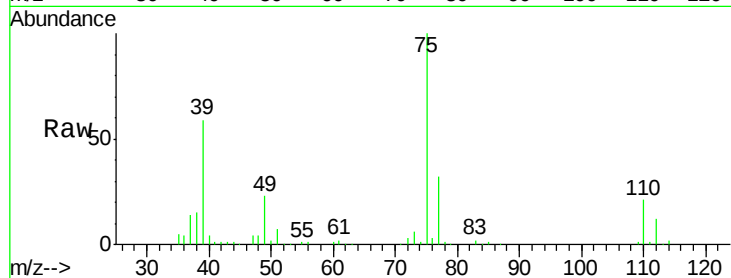
BFB

Tgt Ion: 75 Resp: 415059

Ion Ratio Lower Upper

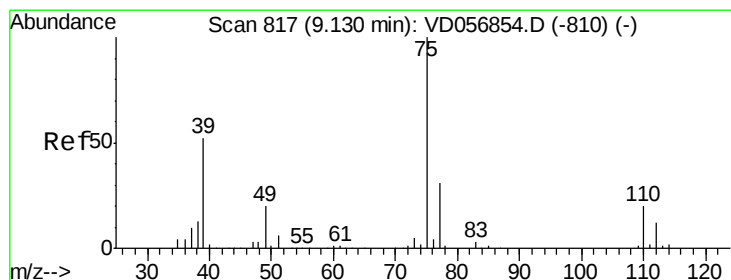
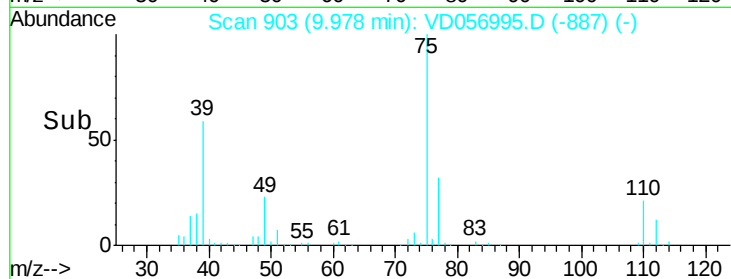
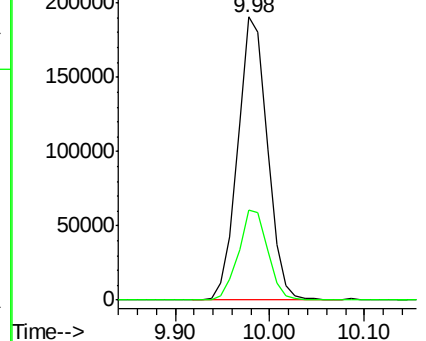
75 100

77 32.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 48.72 ug/l

RT: 9.09 min Scan# 813

Delta R.T. -0.04 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

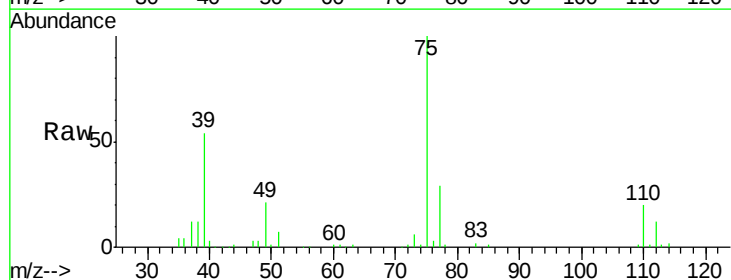
Tgt Ion: 75 Resp: 515423

Ion Ratio Lower Upper

75 100

77 29.0 25.0 37.6

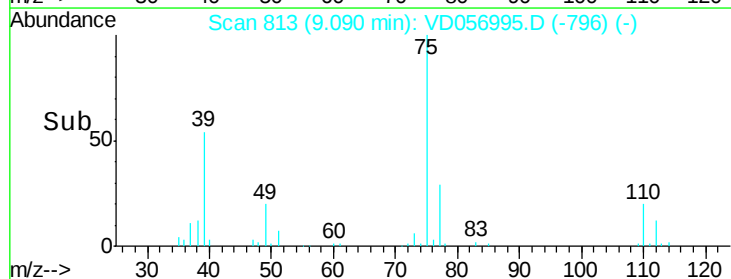
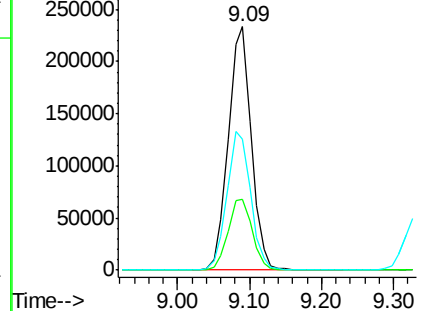
39 53.9 41.2 61.8

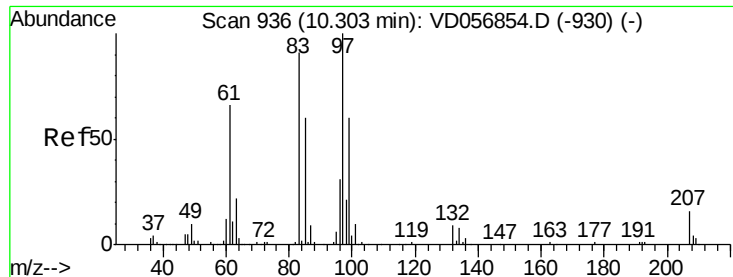


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

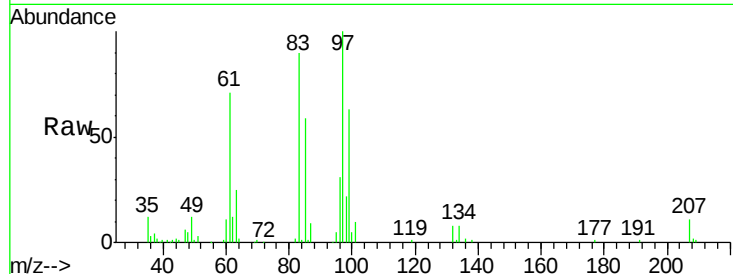




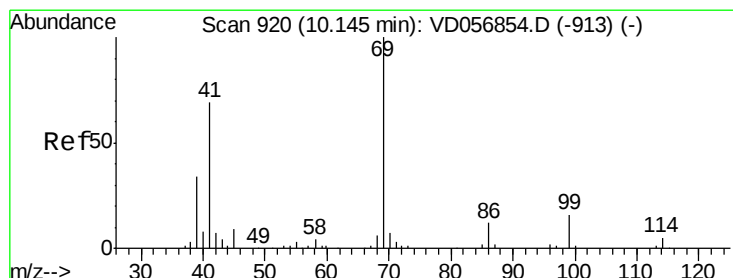
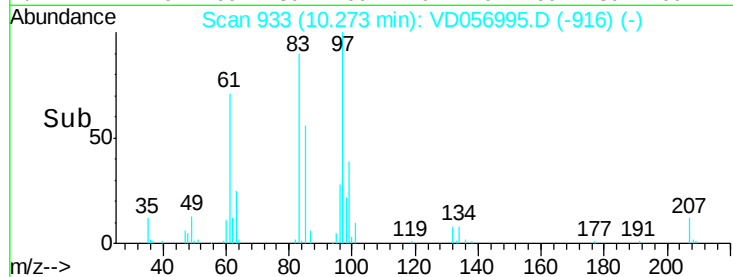
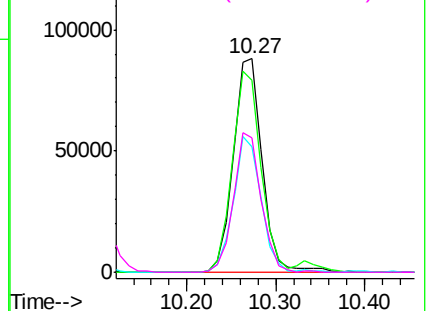
#55
 1,1,2-Trichloroethane
 Concen: 44.62 ug/l
 RT: 10.27 min Scan# 933
 Delta R.T. -0.04 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion: 97 Resp: 199771
 Ion Ratio Lower Upper
 97 100
 83 89.7 74.2 111.4
 85 58.6 48.5 72.7
 99 62.7 51.4 77.0

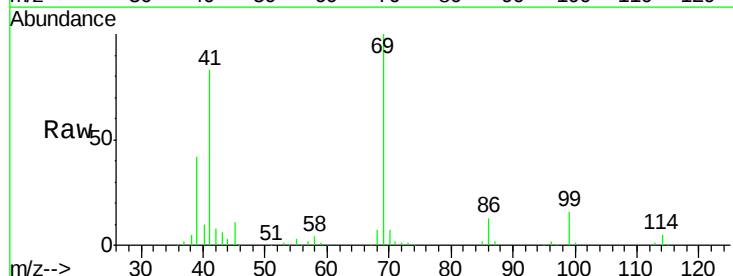


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

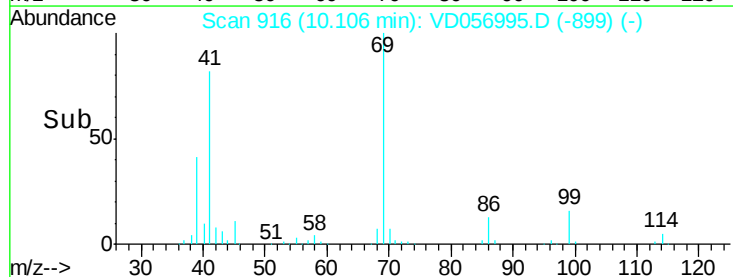
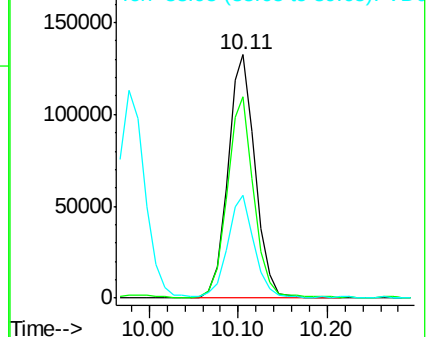


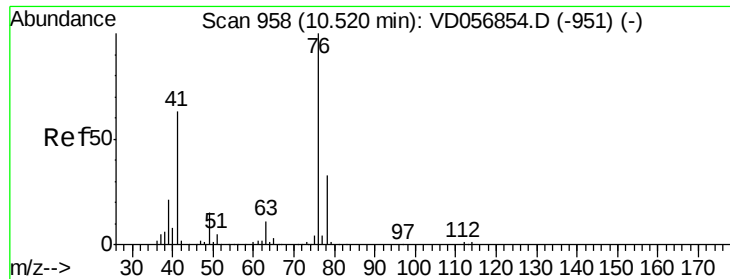
#56
 Ethyl methacrylate
 Concen: 46.28 ug/l
 RT: 10.11 min Scan# 916
 Delta R.T. -0.04 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 69 Resp: 283738
 Ion Ratio Lower Upper
 69 100
 41 82.5 59.7 89.5
 39 42.5 29.0 43.6



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC

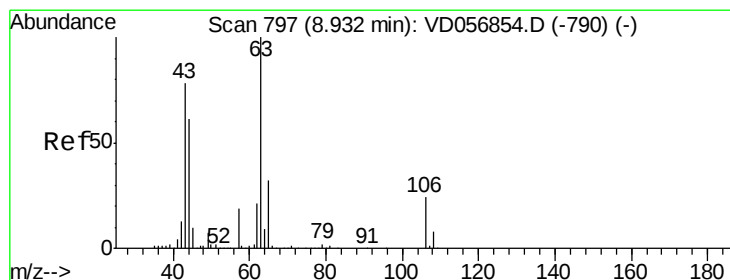
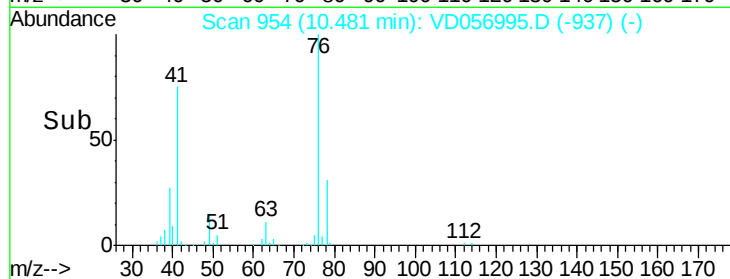
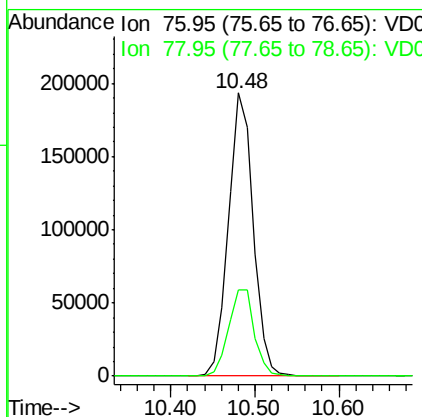
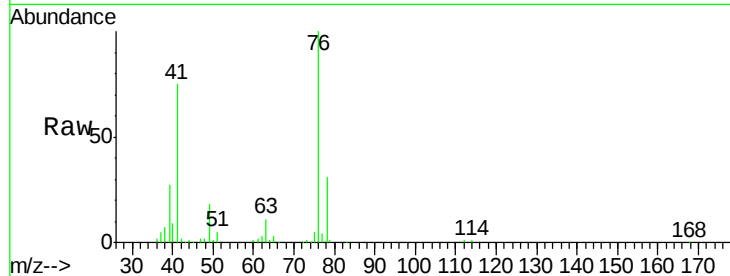




#57
 1,3-Dichloropropane
 Concen: 47.68 ug/l
 RT: 10.48 min Scan# 954
 Delta R.T. -0.04 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

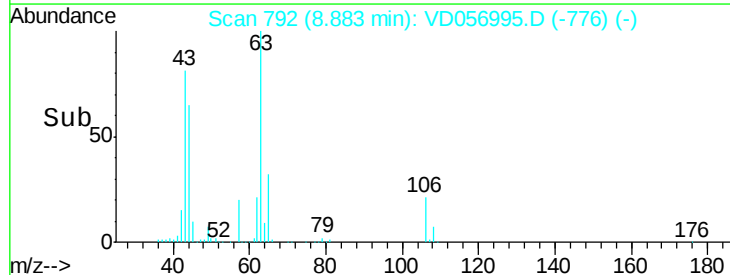
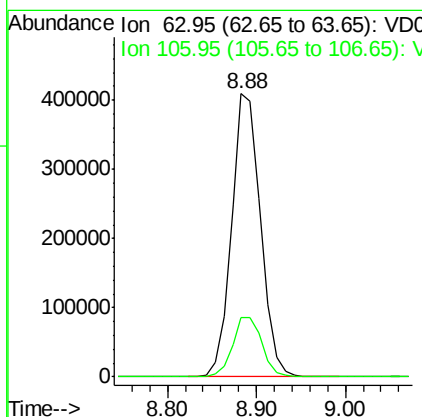
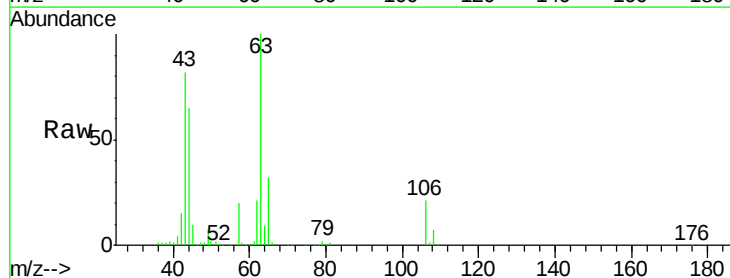
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

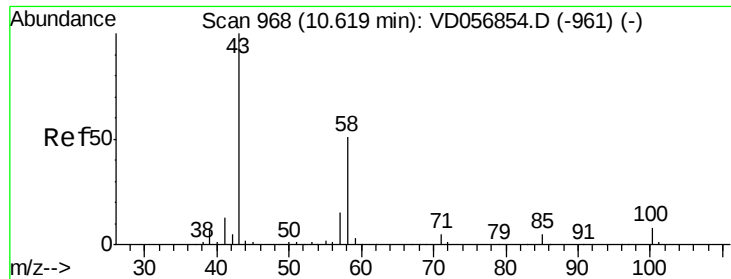
Tgt Ion: 76 Resp: 395347
 Ion Ratio Lower Upper
 76 100
 78 30.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 289.93 ug/l
 RT: 8.88 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 63 Resp: 931982
 Ion Ratio Lower Upper
 63 100
 106 20.8 18.9 28.3

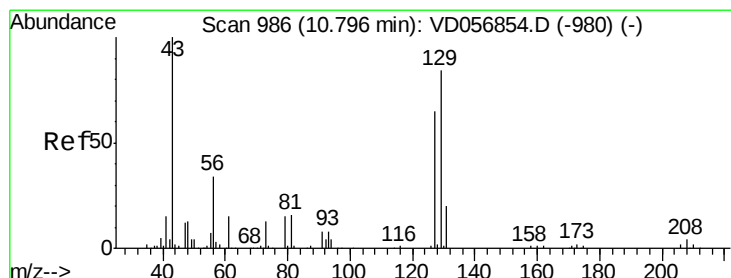
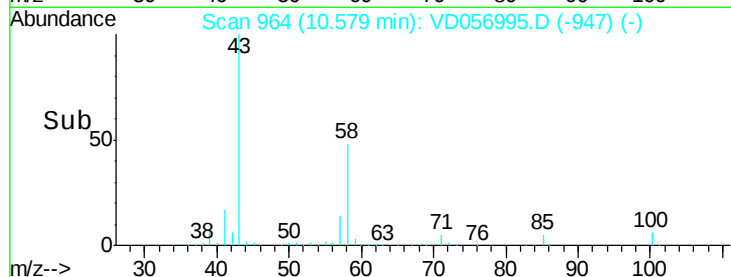
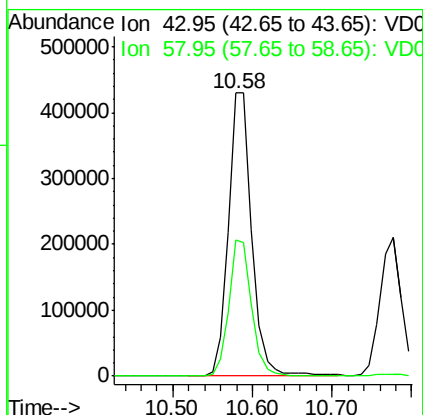
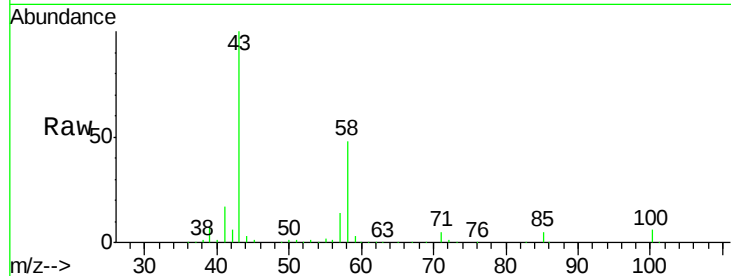




#59
2-Hexanone
Concen: 264.60 ug/l
RT: 10.58 min Scan# 964
Delta R.T. -0.04 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

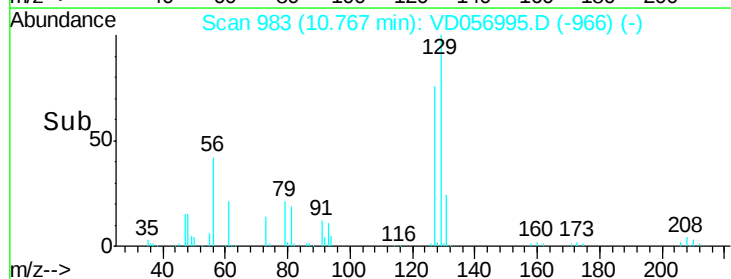
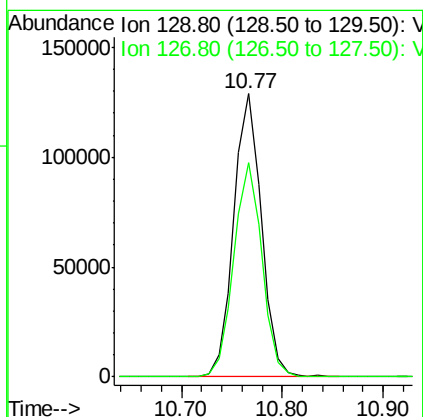
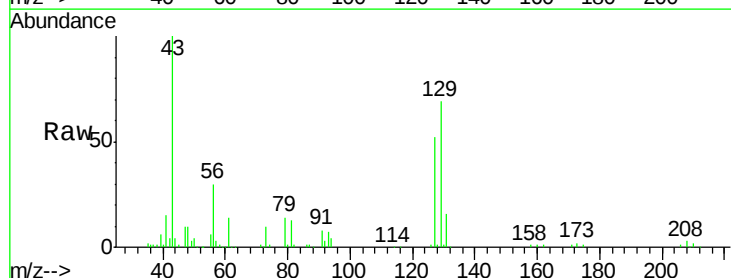
Instrument :
MSVOA_X
ClientSampleId :
BFB

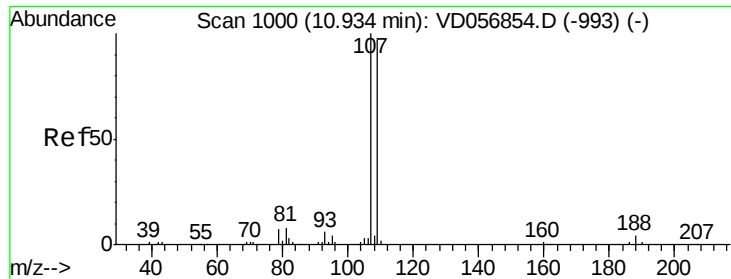
Tgt Ion: 43 Resp: 889651
Ion Ratio Lower Upper
43 100
58 48.2 25.1 75.4



#60
Dibromochloromethane
Concen: 42.94 ug/l
RT: 10.77 min Scan# 983
Delta R.T. -0.04 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion: 129 Resp: 246113
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8

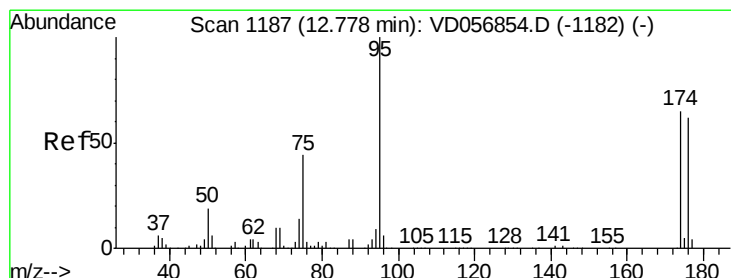
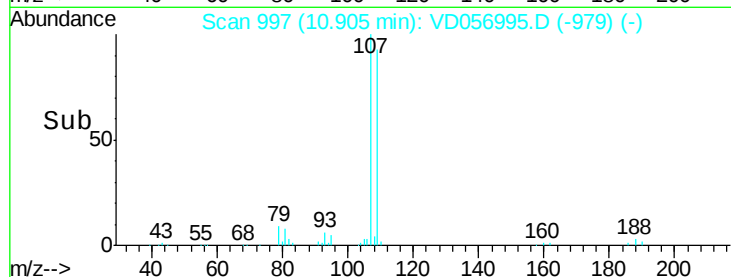
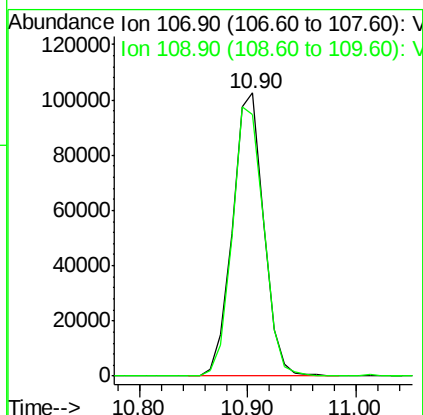
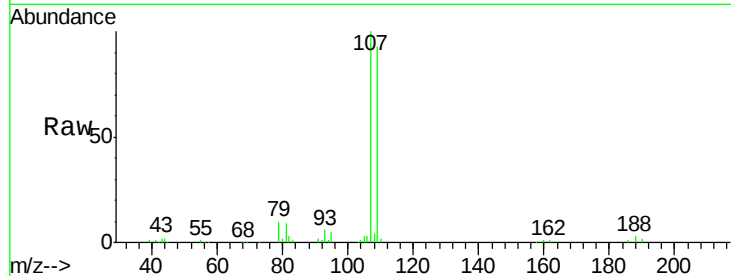




#61
 1,2-Dibromoethane
 Concen: 43.13 ug/l
 RT: 10.90 min Scan# 997
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

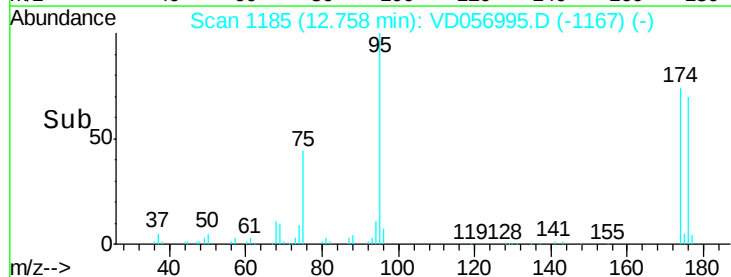
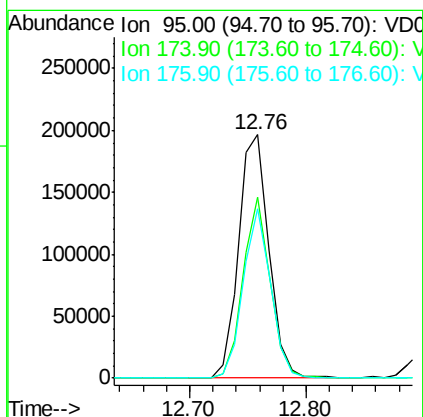
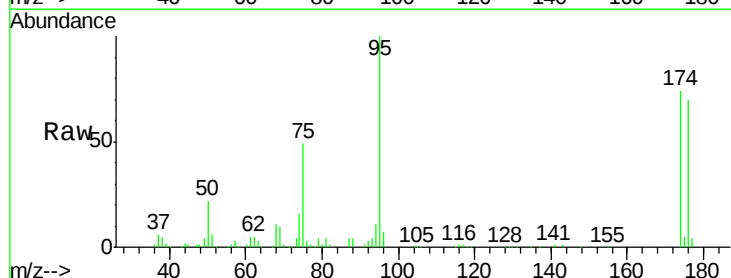
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

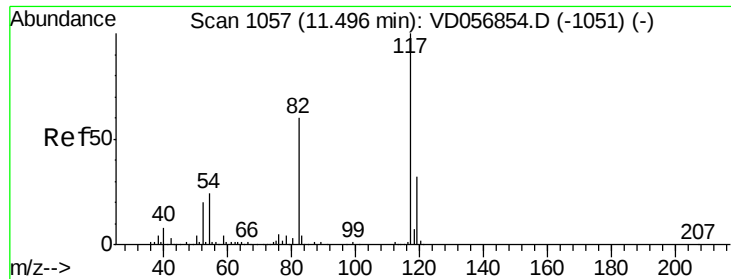
Tgt Ion: 107 Resp: 205566
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 43.13 ug/l
 RT: 12.76 min Scan# 1185
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 95 Resp: 353727
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 143.6
 176 69.5 0.0 141.2

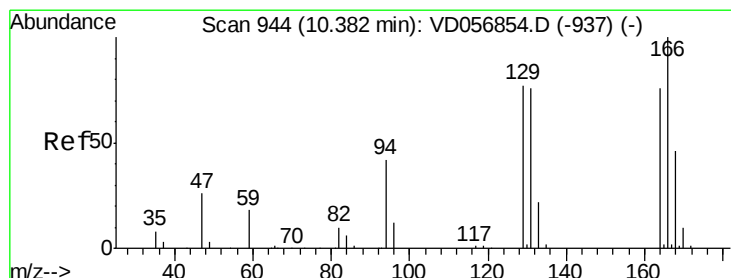
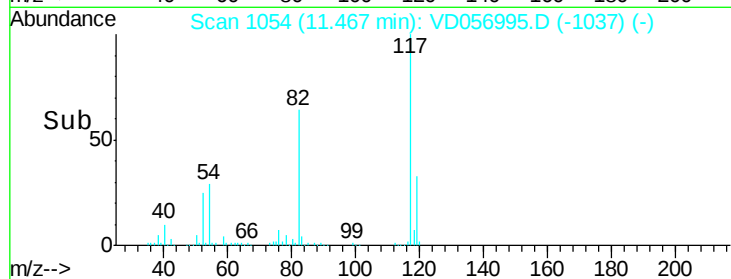
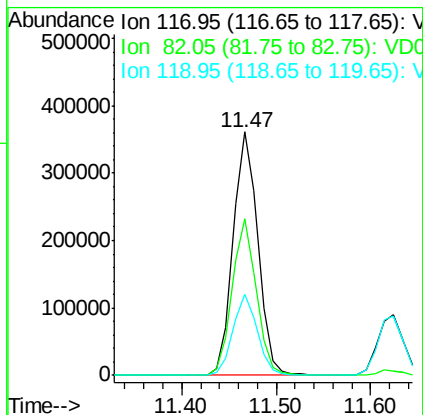
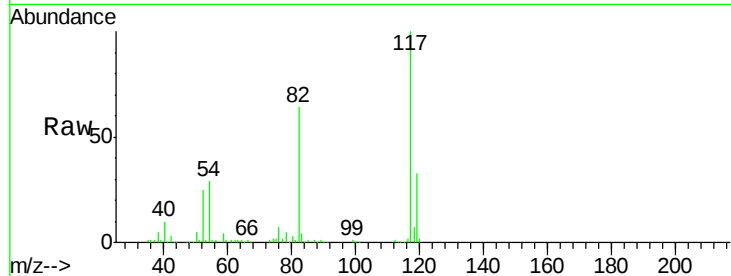




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.47 min Scan# 1054
Delta R.T. -0.04 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

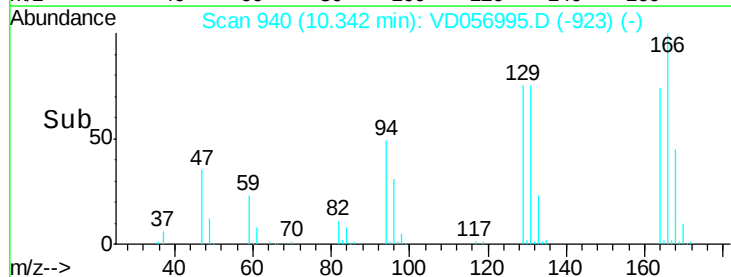
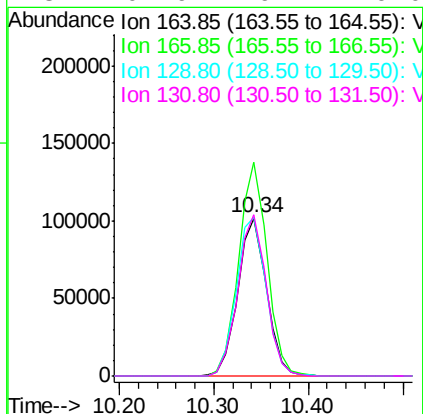
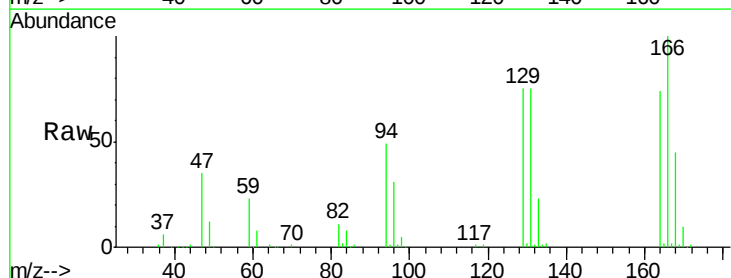
Instrument :
MSVOA_X
ClientSampleId :
BFB

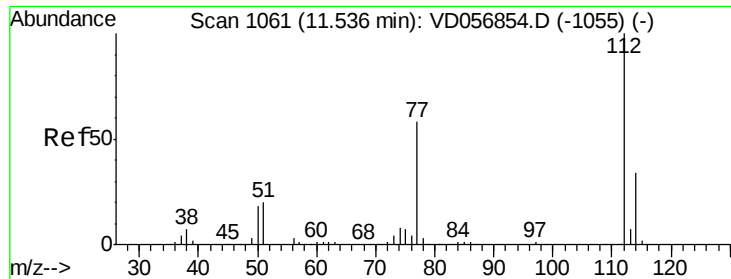
Tgt Ion:117 Resp: 654027
Ion Ratio Lower Upper
117 100
82 64.2 46.2 69.4
119 33.2 25.8 38.6



#64
Tetrachloroethene
Concen: 51.04 ug/l
RT: 10.34 min Scan# 940
Delta R.T. -0.04 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion:164 Resp: 214259
Ion Ratio Lower Upper
164 100
166 135.2 105.1 157.7
129 100.7 82.4 123.6
131 101.9 79.4 119.0

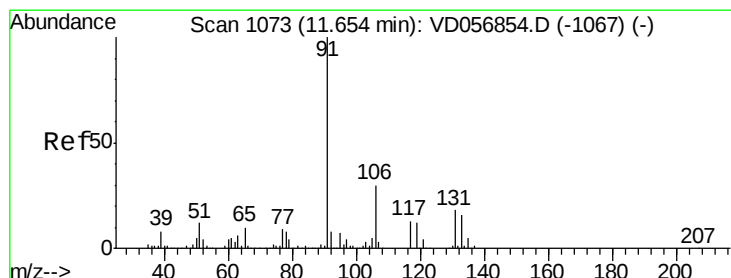
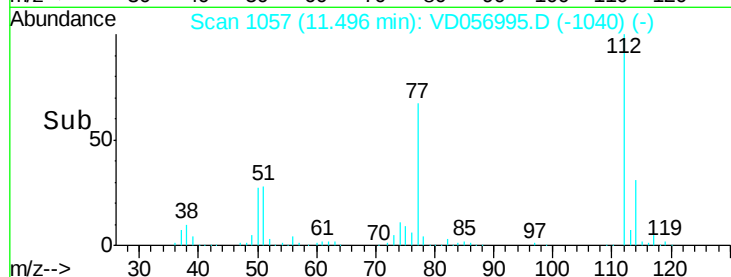
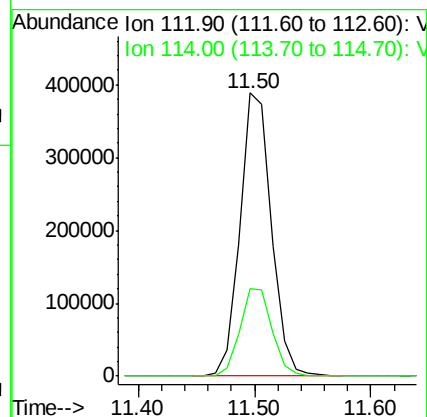
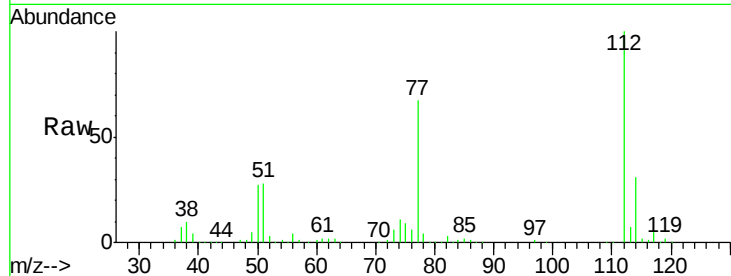




#65
Chlorobenzene
Concen: 49.89 ug/l
RT: 11.50 min Scan# 1057
Delta R.T. -0.04 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

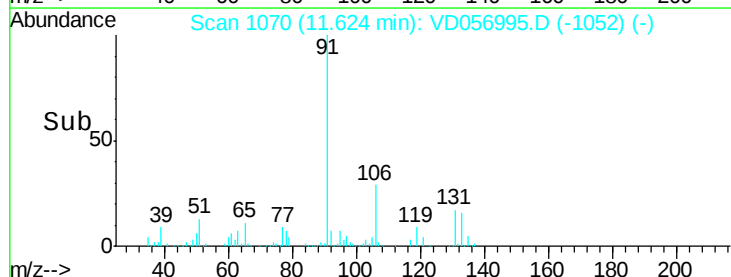
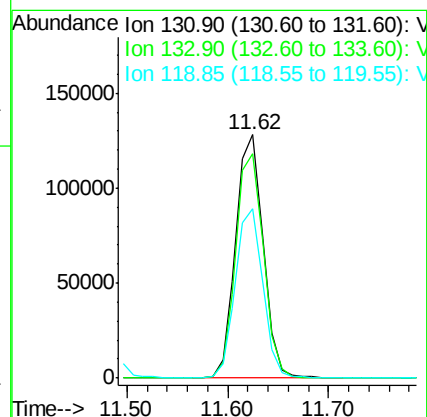
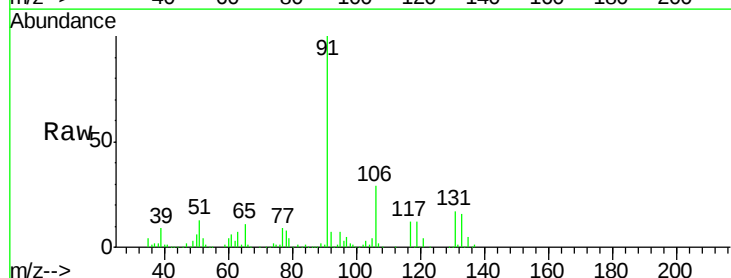
Instrument :
MSVOA_X
ClientSampled :
BFB

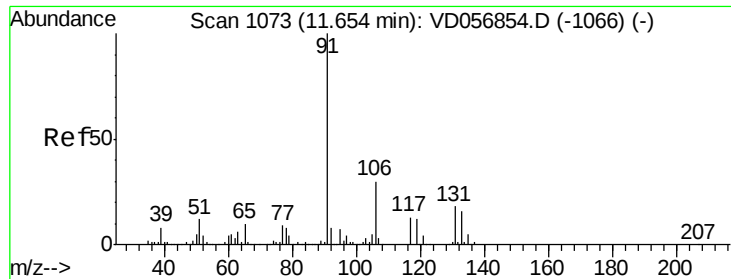
Tgt Ion:112 Resp: 724625
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.42 ug/l
RT: 11.62 min Scan# 1070
Delta R.T. -0.03 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion:131 Resp: 242556
Ion Ratio Lower Upper
131 100
133 92.1 47.4 142.2
119 69.3 35.4 106.1

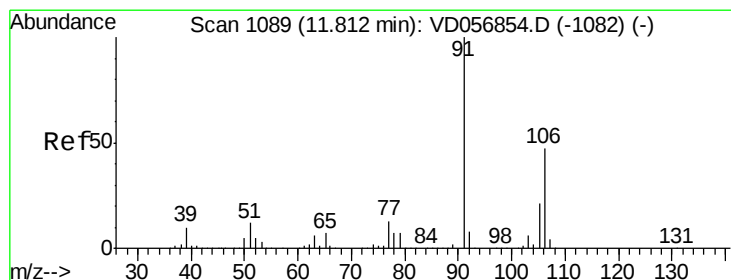
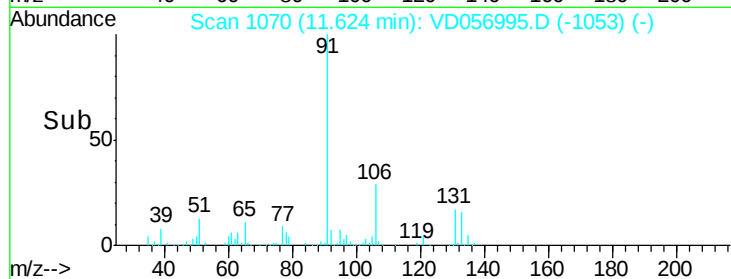
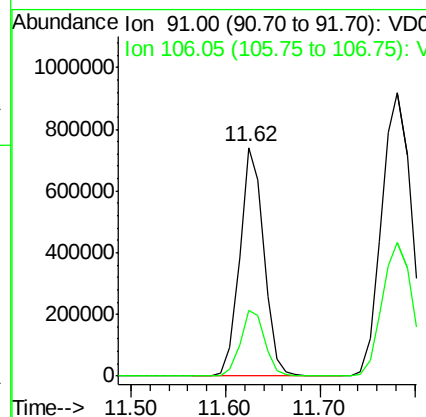
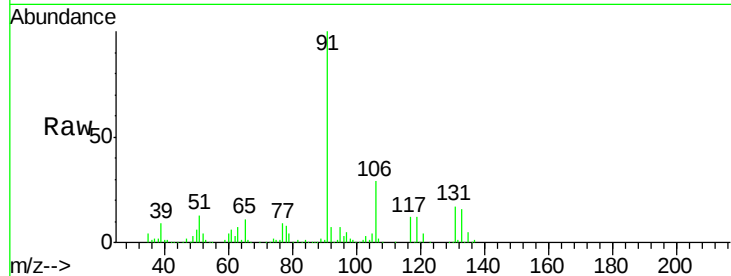




#67
Ethyl Benzene
Concen: 49.58 ug/l
RT: 11.62 min Scan# 1070
Delta R.T. -0.04 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

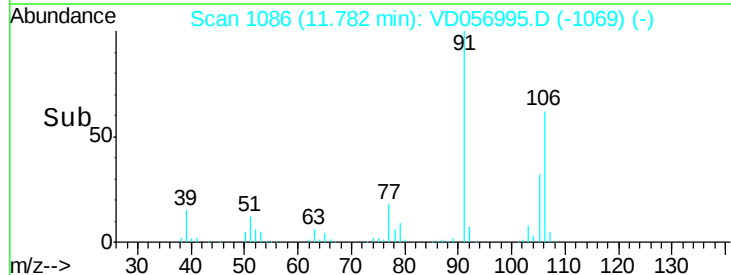
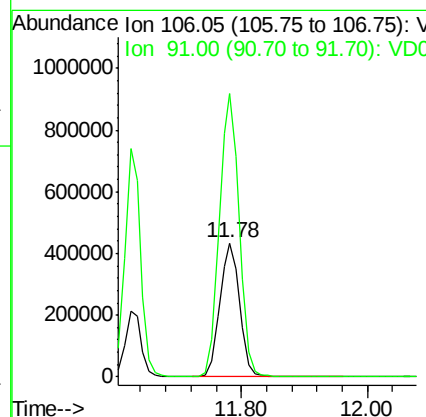
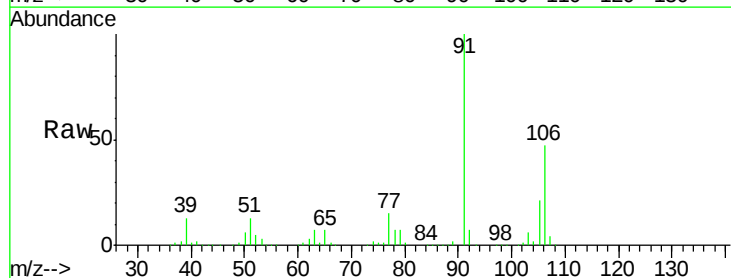
Instrument :
MSVOA_X
ClientSampled :
BFB

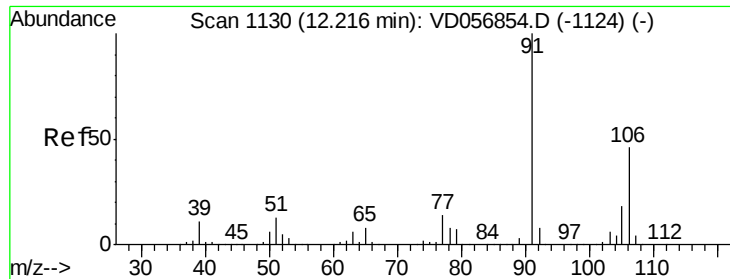
Tgt Ion: 91 Resp: 1305017
Ion Ratio Lower Upper
91 100
106 28.9 23.6 35.4



#68
m/p-Xylenes
Concen: 101.15 ug/l
RT: 11.78 min Scan# 1086
Delta R.T. -0.04 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion: 106 Resp: 956762
Ion Ratio Lower Upper
106 100
91 211.3 162.6 244.0

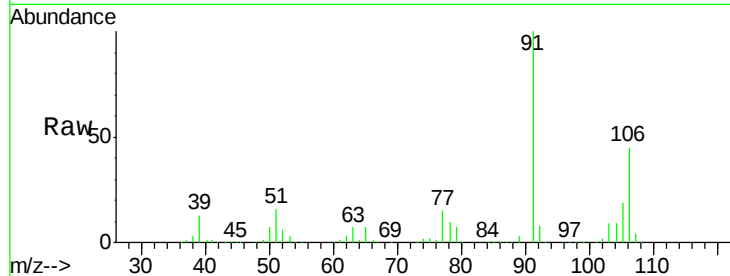




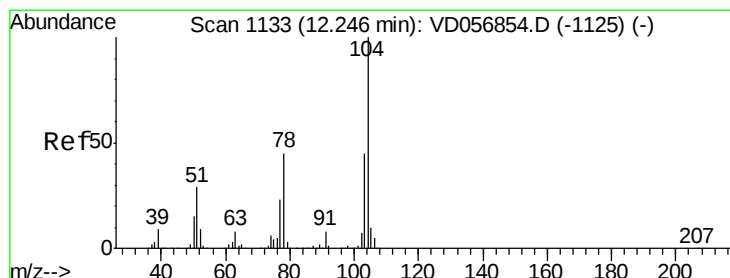
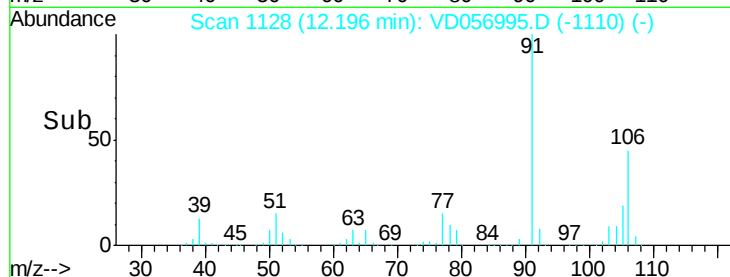
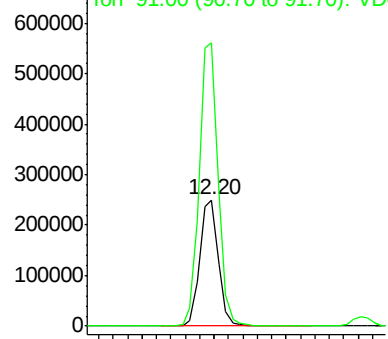
#69
o-Xylene
Concen: 48.85 ug/l
RT: 12.20 min Scan# 1128
Delta R.T. -0.03 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:106 Resp: 446483
Ion Ratio Lower Upper
106 100
91 224.2 109.6 328.6

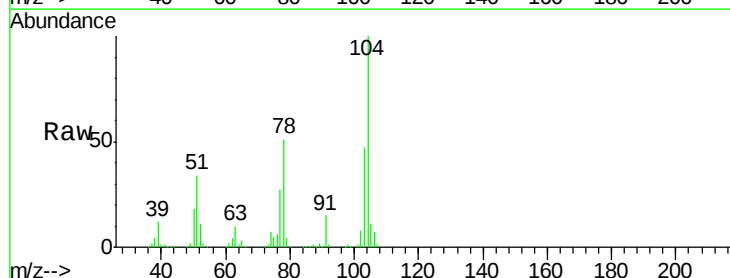


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

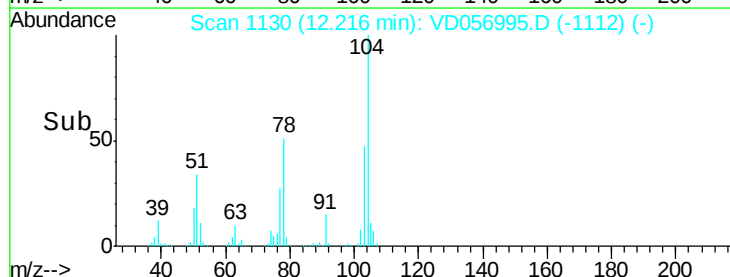
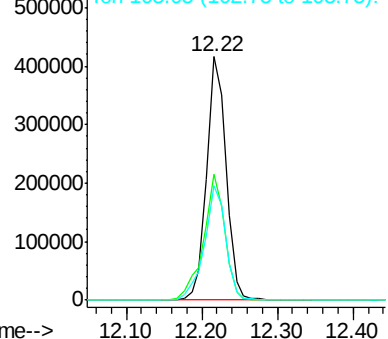


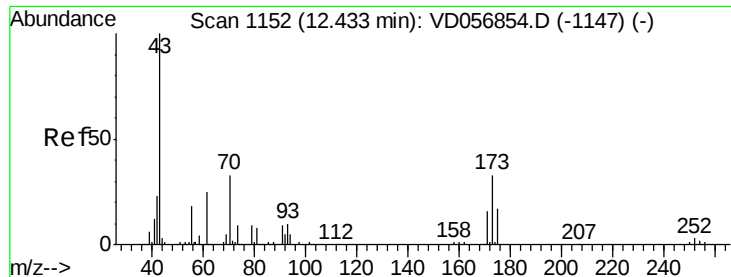
#70
Styrene
Concen: 49.25 ug/l
RT: 12.22 min Scan# 1130
Delta R.T. -0.03 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion:104 Resp: 731241
Ion Ratio Lower Upper
104 100
78 51.4 39.4 59.2
103 47.0 36.9 55.3



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 44.05 ug/l

RT: 12.41 min Scan# 1150

Delta R.T. -0.03 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

BFB

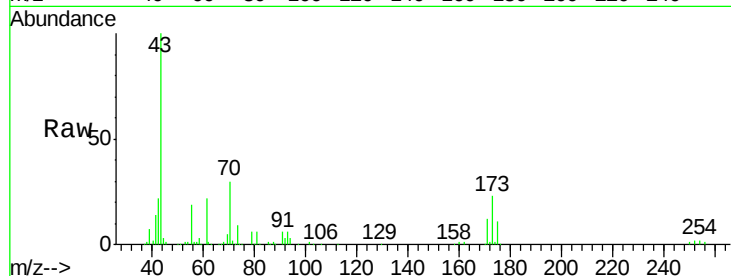
Tgt Ion:173 Resp: 117990

Ion Ratio Lower Upper

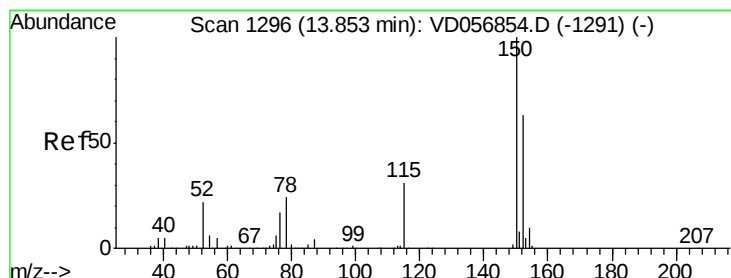
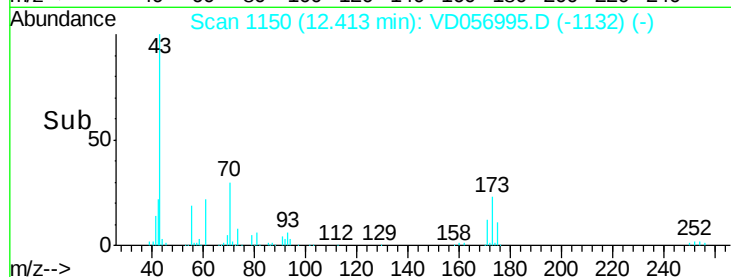
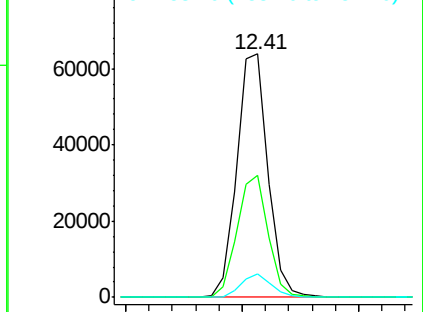
173 100

175 50.1 23.3 69.9

254 9.8 7.4 11.2



Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.83 min Scan# 1294

Delta R.T. -0.03 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

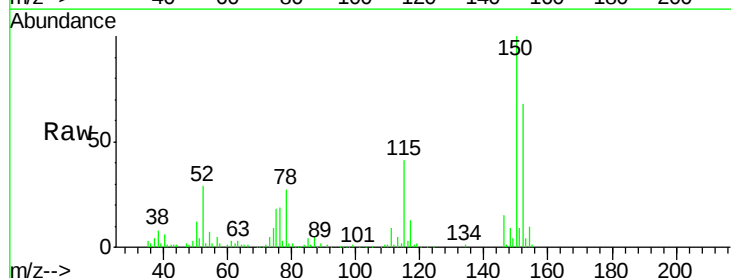
Tgt Ion:152 Resp: 272728

Ion Ratio Lower Upper

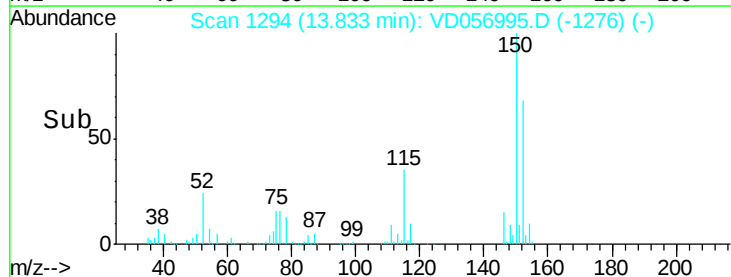
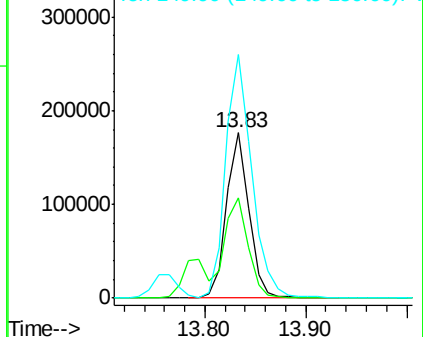
152 100

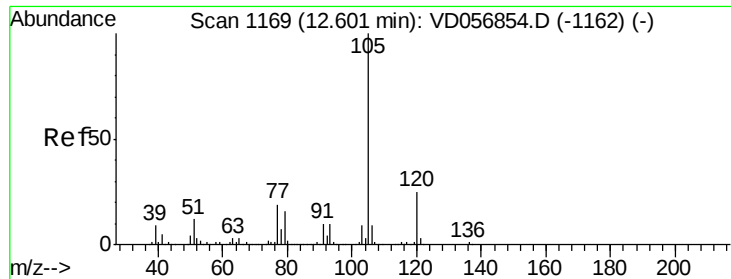
115 61.0 31.2 93.6

150 147.3 0.0 334.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.17 ug/l

RT: 12.58 min Scan# 1167

Delta R.T. -0.03 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

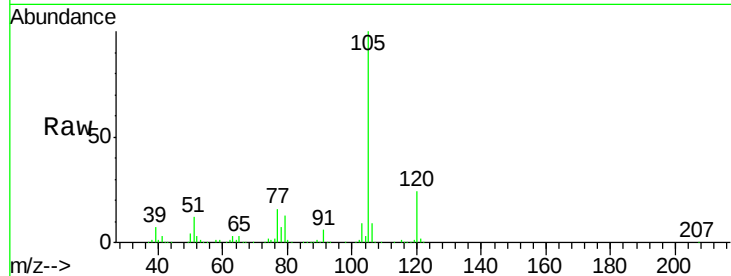
BFB

Tgt Ion:105 Resp: 1249321

Ion Ratio Lower Upper

105 100

120 24.0 12.7 38.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12.58

800000

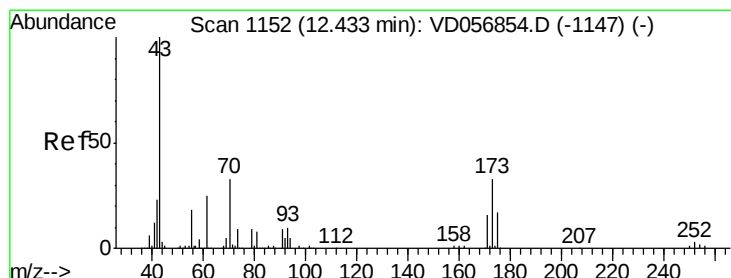
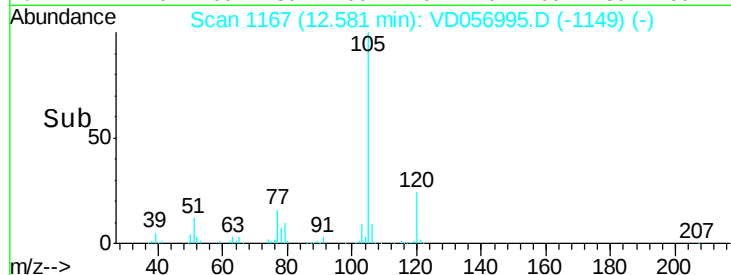
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 53.72 ug/l

RT: 12.41 min Scan# 1150

Delta R.T. -0.03 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Tgt Ion: 43 Resp: 422795

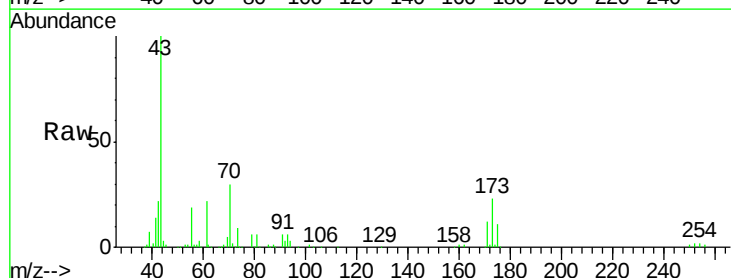
Ion Ratio Lower Upper

43 100

70 30.4 27.4 41.2

55 19.0 15.2 22.8

61 22.3 20.6 31.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

400000

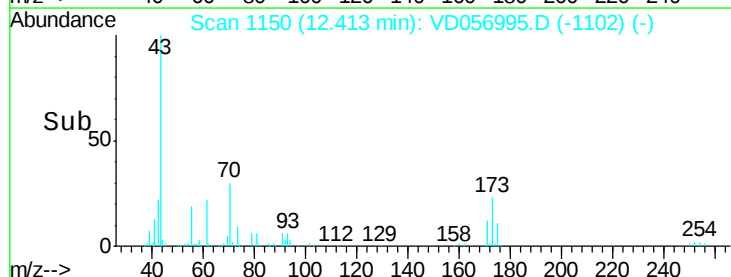
300000

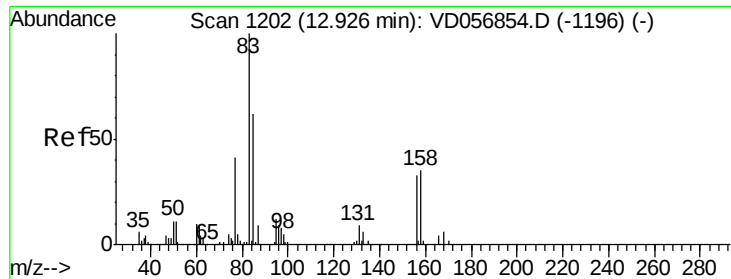
200000

100000

0

Time-->

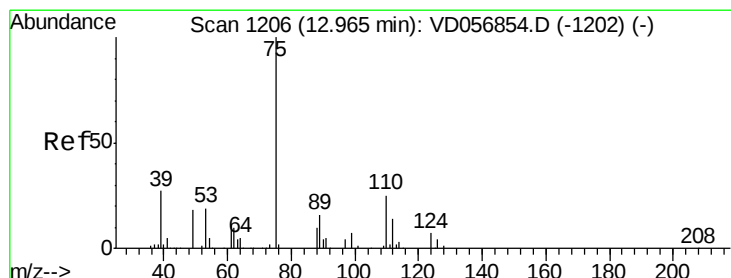
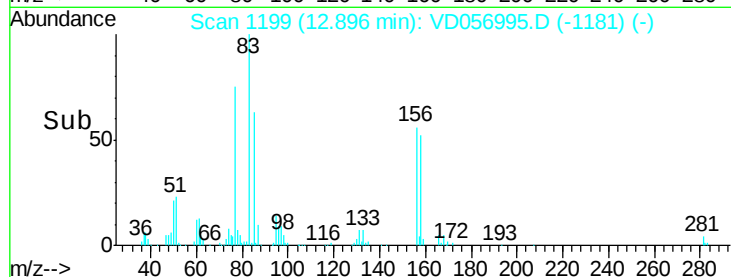
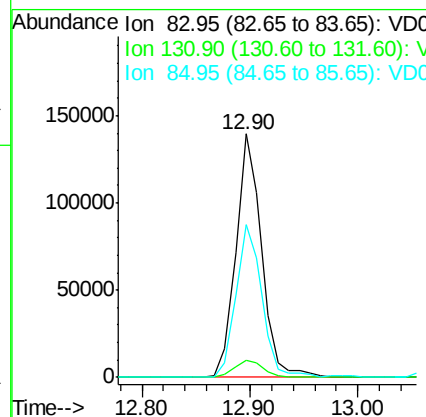
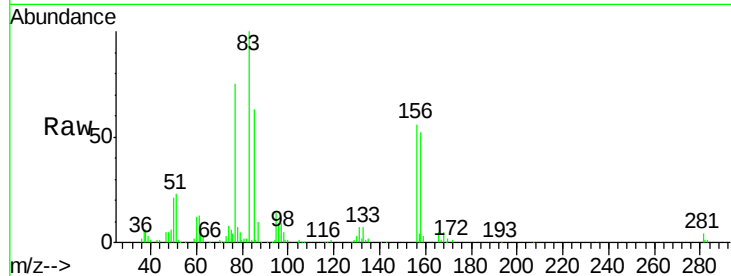




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.43 ug/l
 RT: 12.90 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

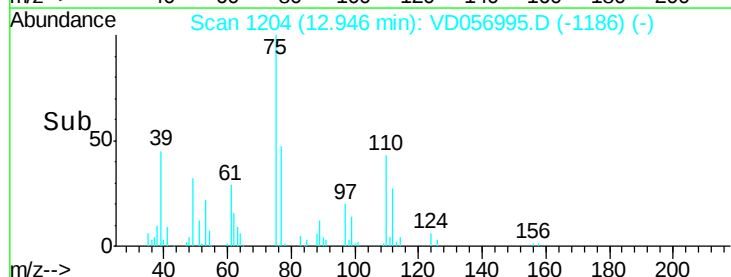
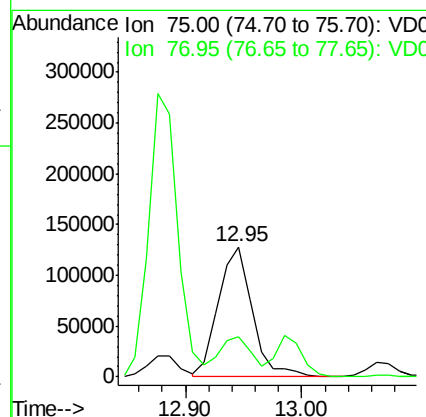
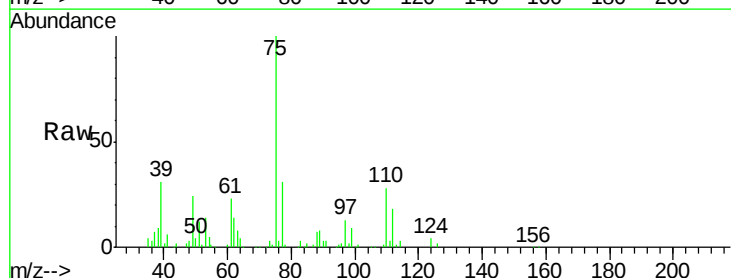
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

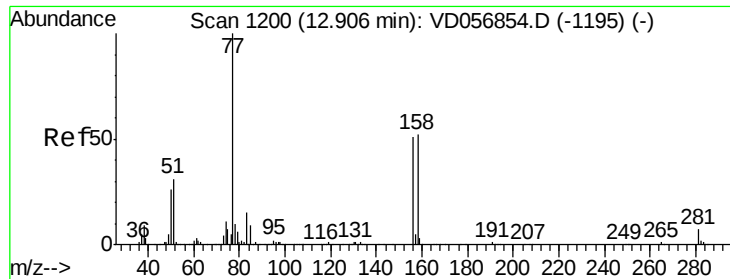
Tgt Ion: 83 Resp: 230609
 Ion Ratio Lower Upper
 83 100
 131 6.9 4.1 12.3
 85 62.8 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 50.42 ug/l
 RT: 12.95 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 75 Resp: 259988
 Ion Ratio Lower Upper
 75 100
 77 31.3 16.0 48.0





#77

Bromobenzene

Concen: 50.24 ug/l

RT: 12.89 min Scan# 1198

Delta R.T. -0.03 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampled :

BFB

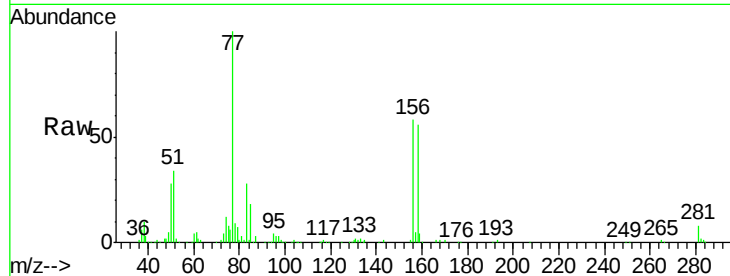
Tgt Ion: 156 Resp: 260916

Ion Ratio Lower Upper

156 100

77 173.7 81.7 244.9

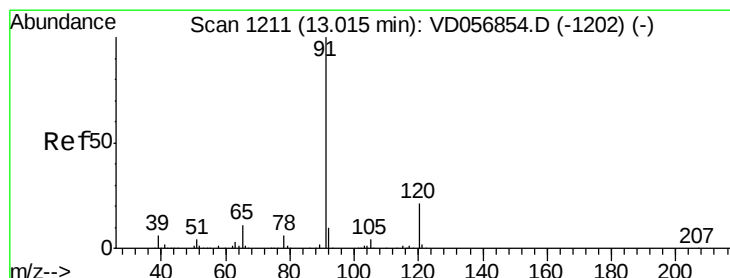
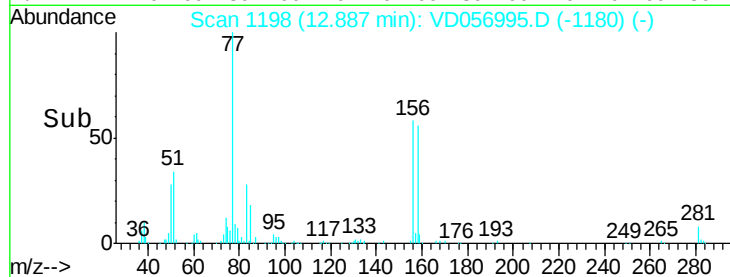
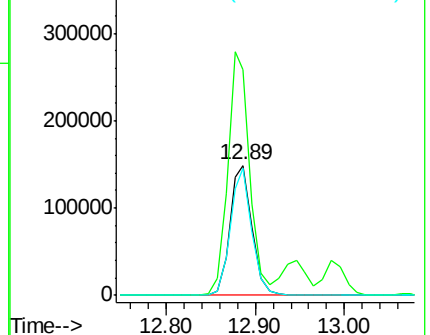
158 97.3 48.1 144.3



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 49.57 ug/l

RT: 12.99 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VD056995.D

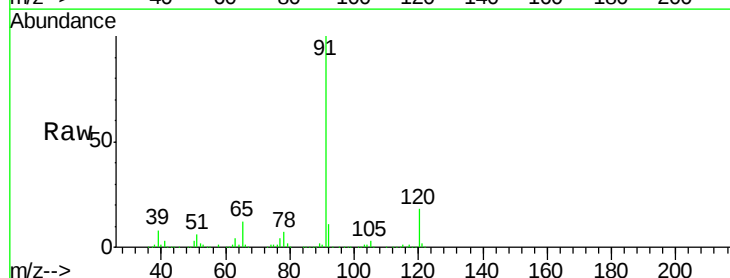
Acq: 28 Mar 2018 10:49

Tgt Ion: 91 Resp: 1560691

Ion Ratio Lower Upper

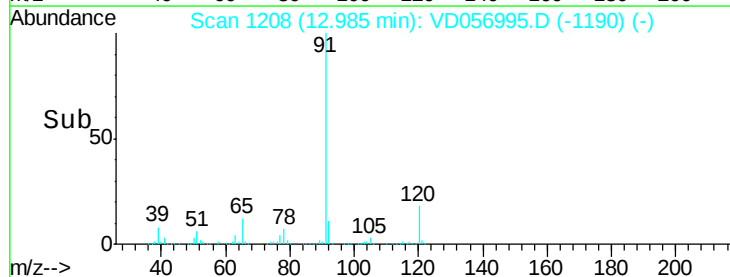
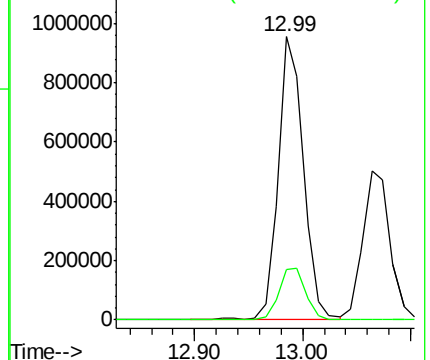
91 100

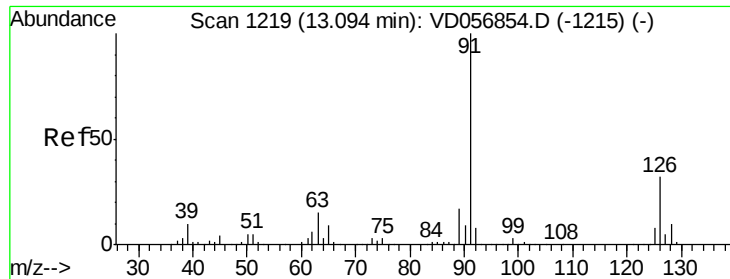
120 17.9 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

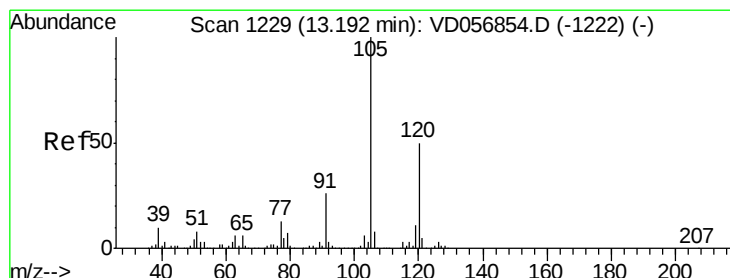
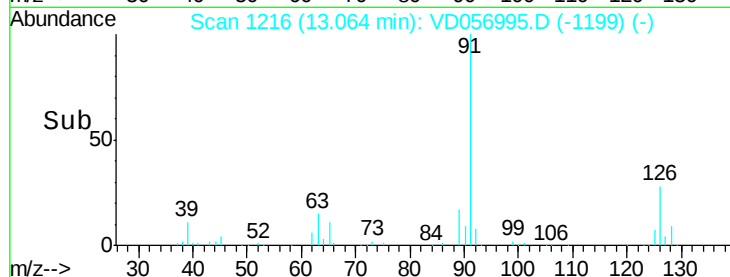
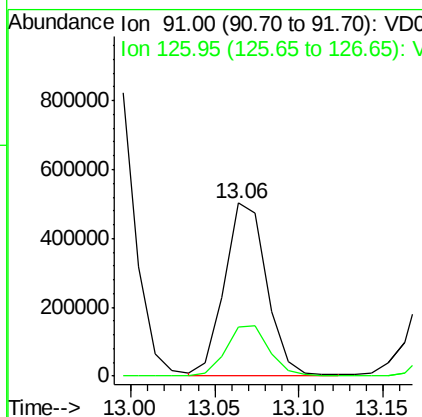
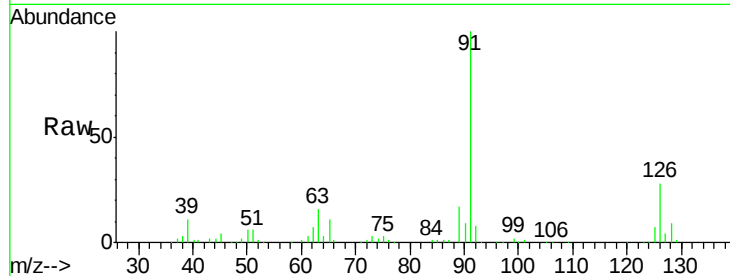




#79
 2-Chlorotoluene
 Concen: 51.11 ug/l
 RT: 13.06 min Scan# 1216
 Delta R.T. -0.04 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

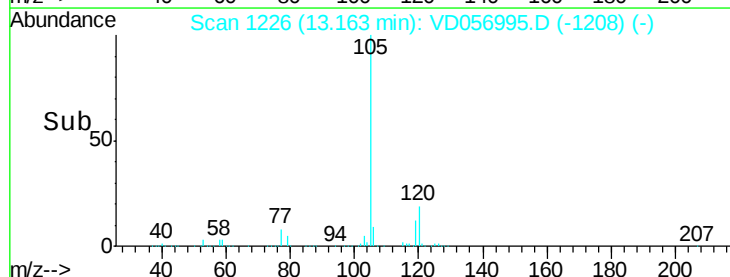
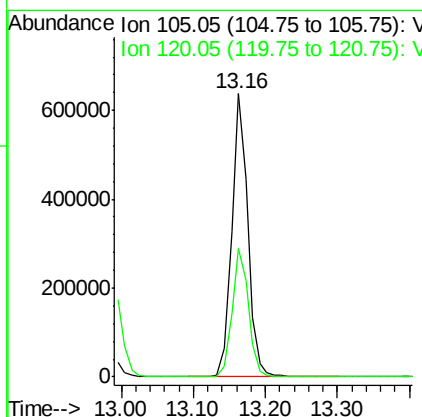
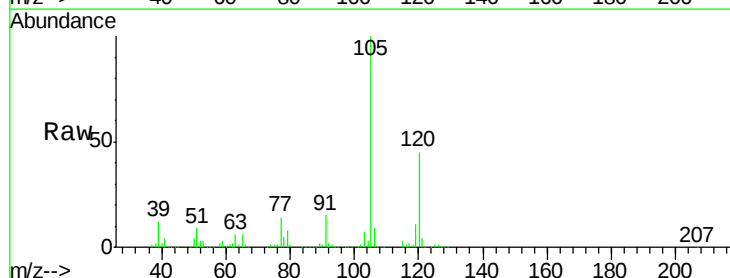
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

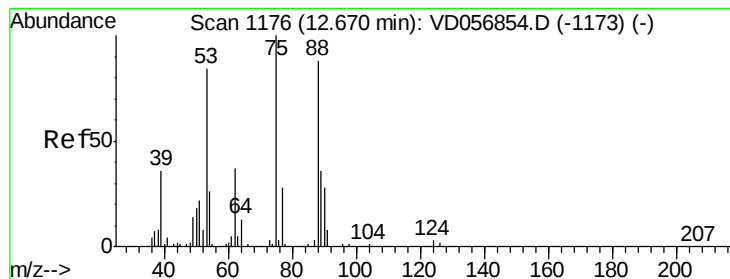
Tgt Ion: 91 Resp: 873449
 Ion Ratio Lower Upper
 91 100
 126 28.1 17.0 50.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.04 ug/l
 RT: 13.16 min Scan# 1226
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 105 Resp: 981877
 Ion Ratio Lower Upper
 105 100
 120 45.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.88 ug/l

RT: 12.65 min Scan# 1174

Delta R.T. -0.03 min

Lab File: VD056995.D

Acq: 28 Mar 2018 10:49

Instrument :

MSVOA_X

ClientSampleId :

BFB

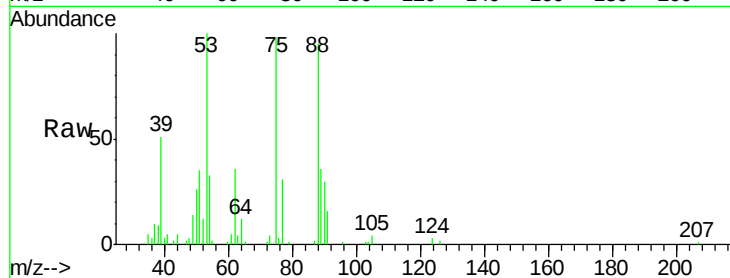
Tgt Ion: 75 Resp: 67000

Ion Ratio Lower Upper

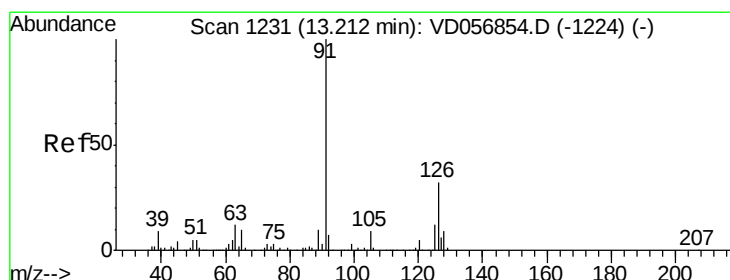
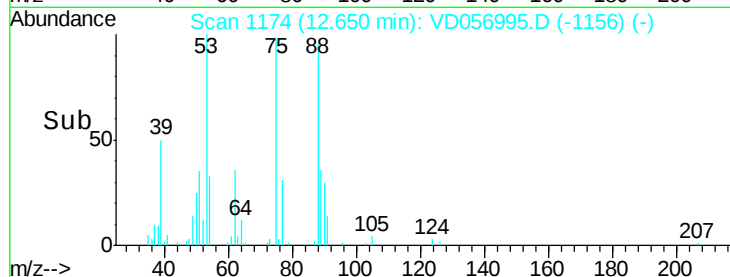
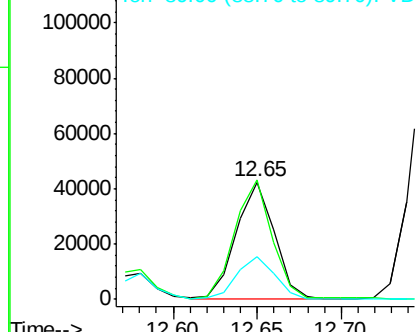
75 100

53 102.2 64.5 96.7#

89 36.3 31.6 47.4



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 47.03 ug/l

RT: 13.18 min Scan# 1228

Delta R.T. -0.03 min

Lab File: VD056995.D

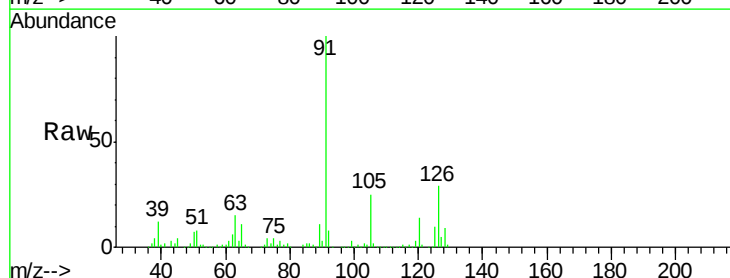
Acq: 28 Mar 2018 10:49

Tgt Ion: 91 Resp: 1006416

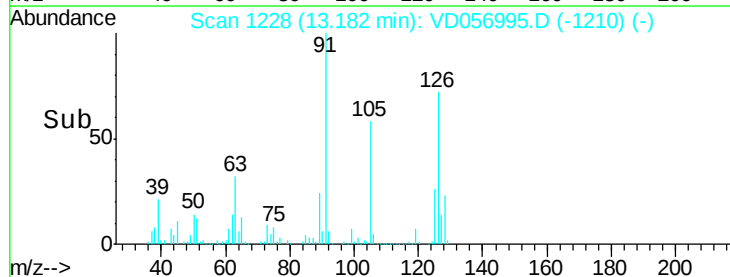
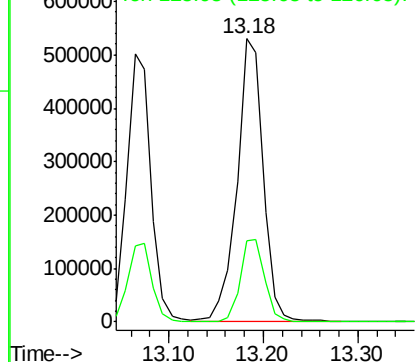
Ion Ratio Lower Upper

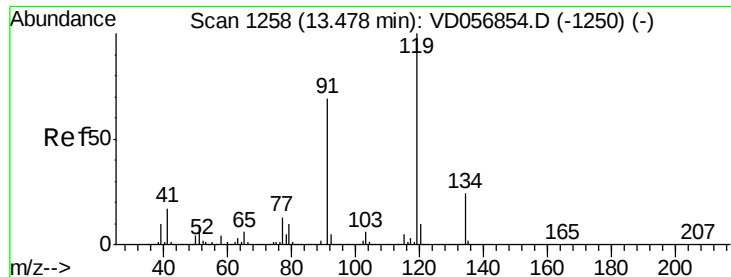
91 100

126 28.9 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V

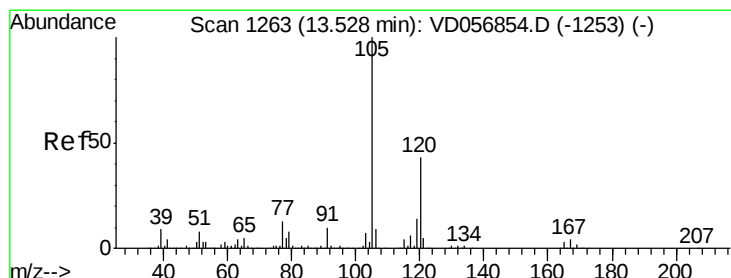
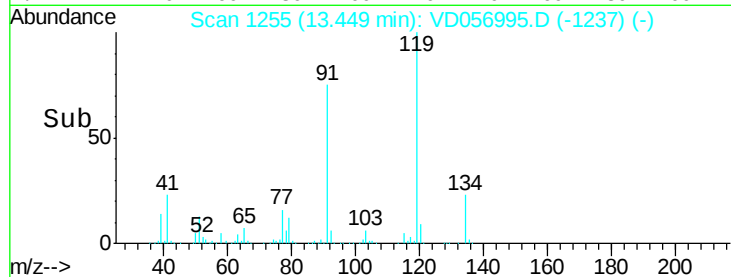
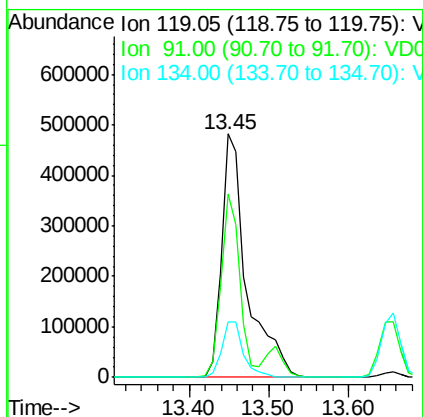
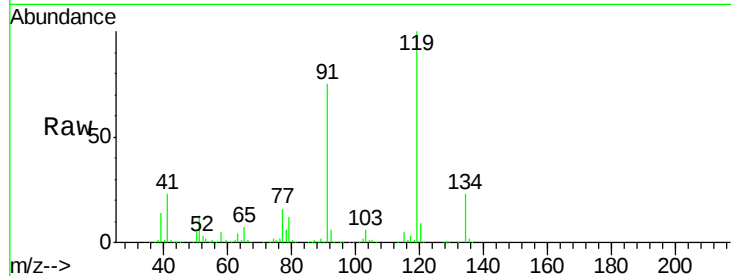




#83
 tert-Butylbenzene
 Concen: 49.26 ug/l
 RT: 13.45 min Scan# 1255
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

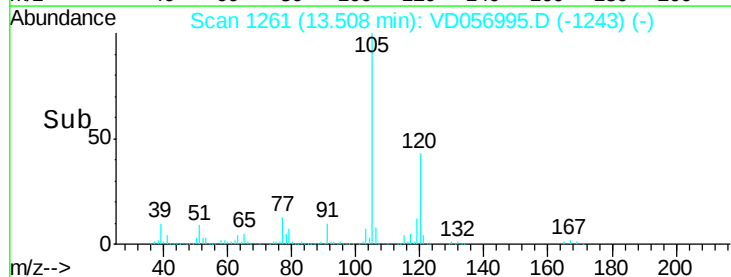
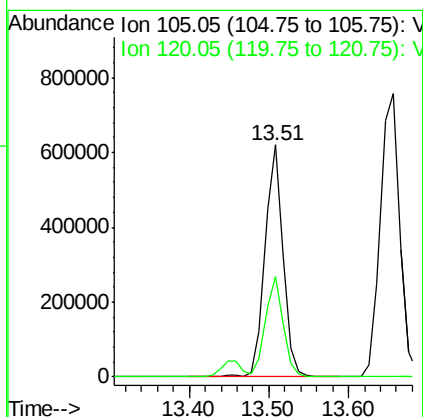
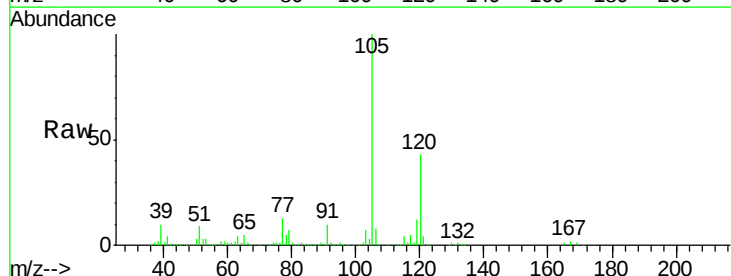
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

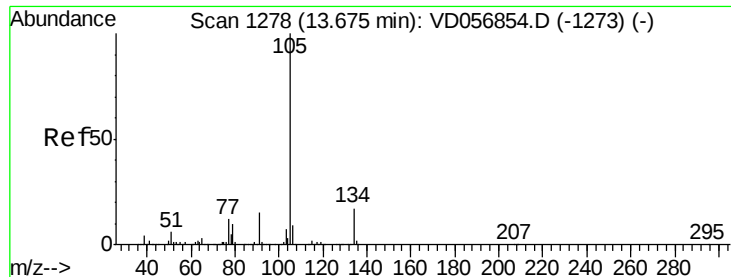
Tgt Ion:119 Resp: 1070424
 Ion Ratio Lower Upper
 119 100
 91 75.2 35.6 106.8
 134 23.0 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.99 ug/l
 RT: 13.51 min Scan# 1261
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion:105 Resp: 966541
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.5 70.5

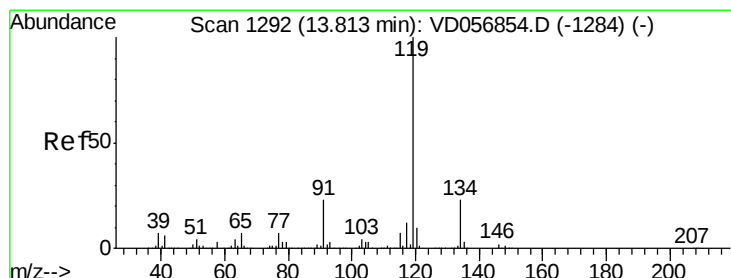
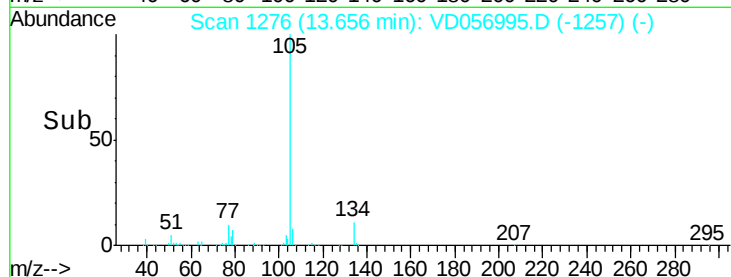
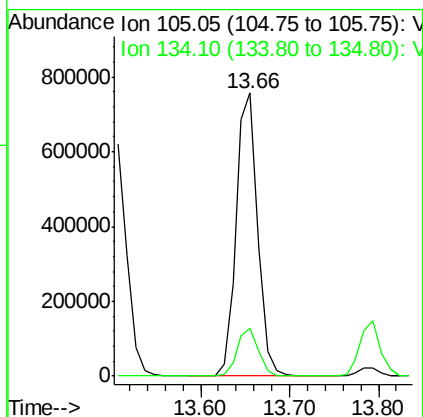
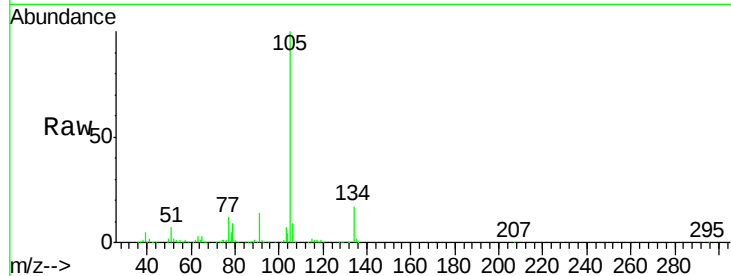




#85
 sec-Butylbenzene
 Concen: 49.34 ug/l
 RT: 13.66 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

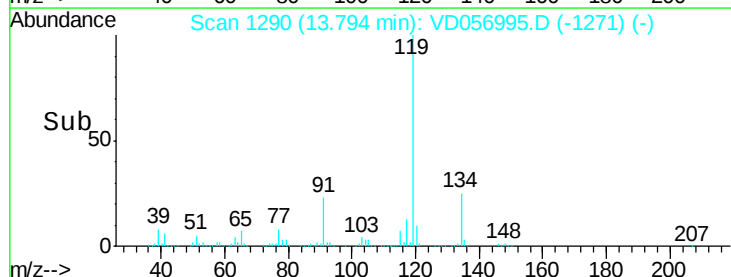
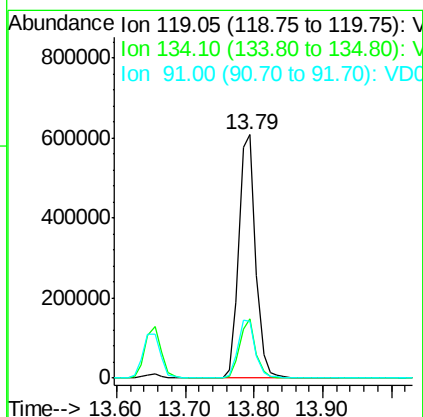
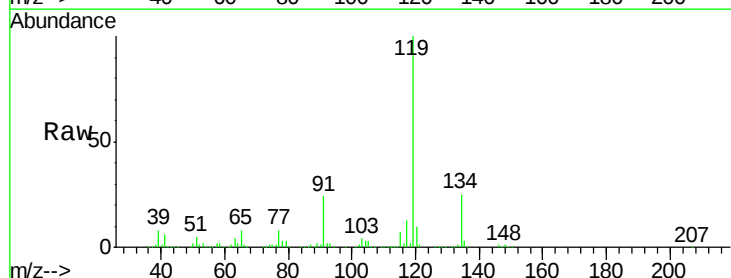
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

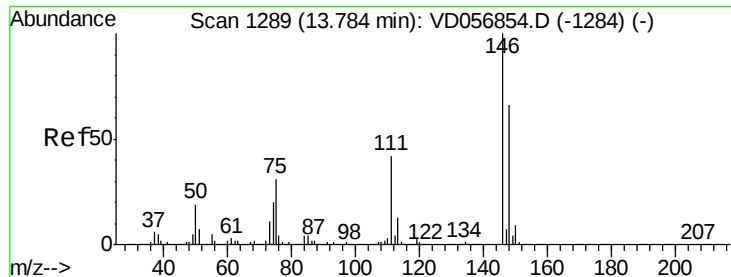
Tgt Ion:105 Resp: 1273755
 Ion Ratio Lower Upper
 105 100
 134 17.0 8.6 25.7



#86
 p-Isopropyltoluene
 Concen: 48.62 ug/l
 RT: 13.79 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion:119 Resp: 1034858
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.0 36.1
 91 23.5 12.4 37.0

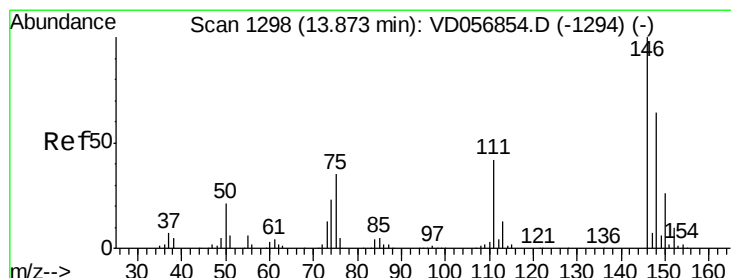
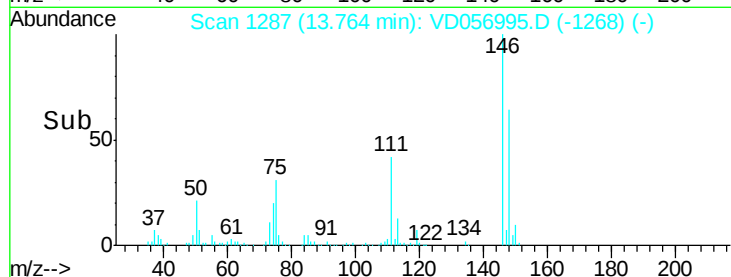
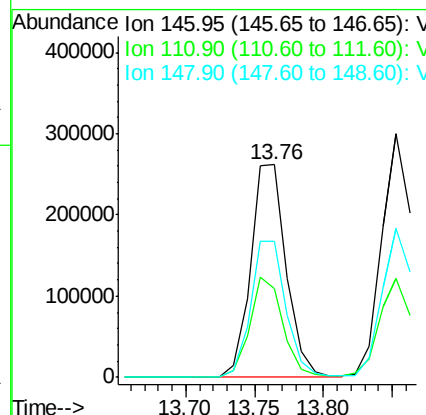
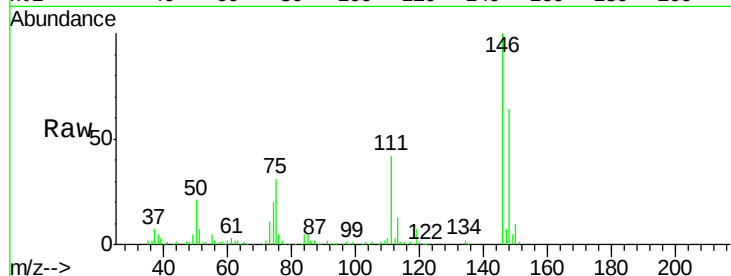




#87
 1,3-Dichlorobenzene
 Concen: 47.69 ug/l
 RT: 13.76 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

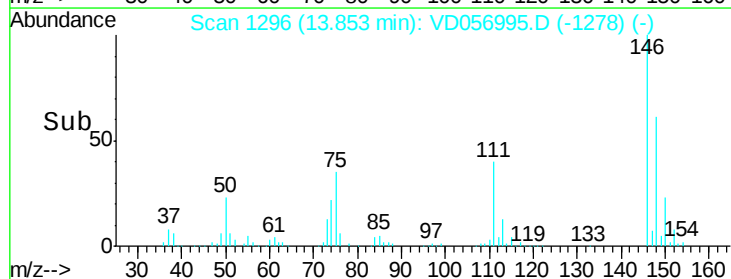
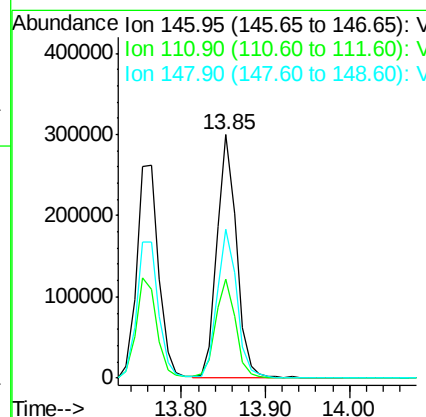
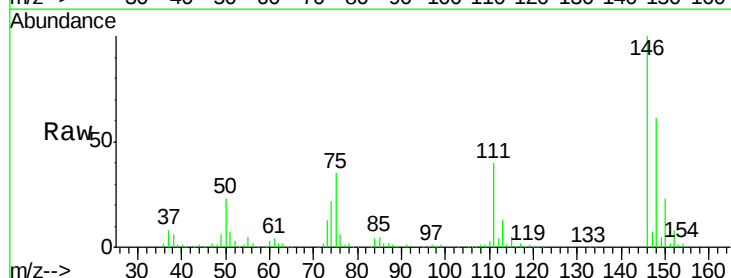
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

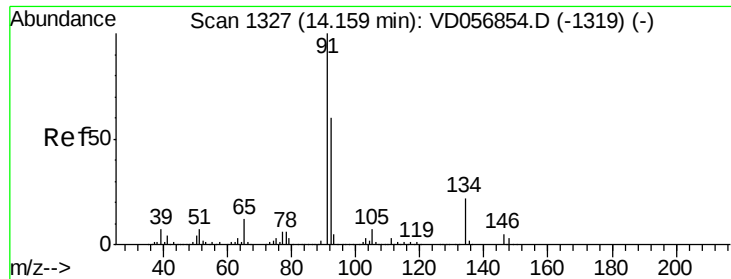
Tgt Ion:146 Resp: 473870
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.5 64.5
 148 64.1 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 48.61 ug/l
 RT: 13.85 min Scan# 1296
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion:146 Resp: 484991
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.3
 148 61.4 31.8 95.4

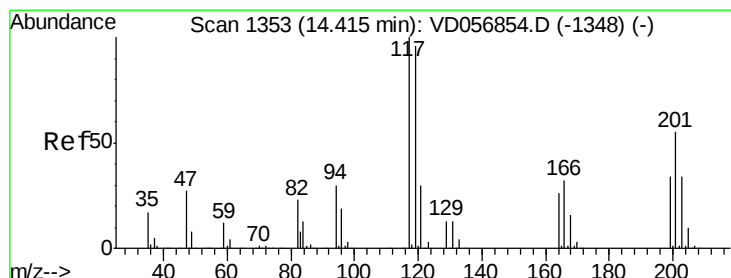
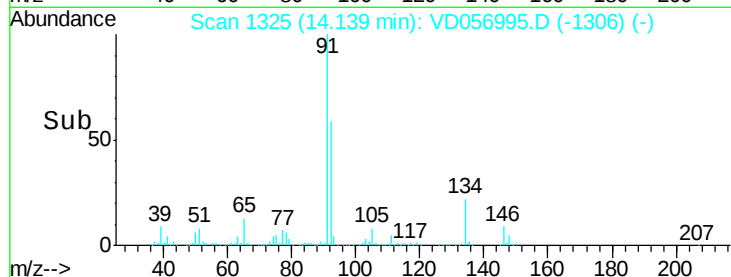
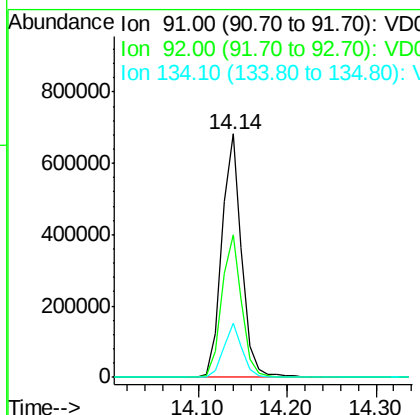
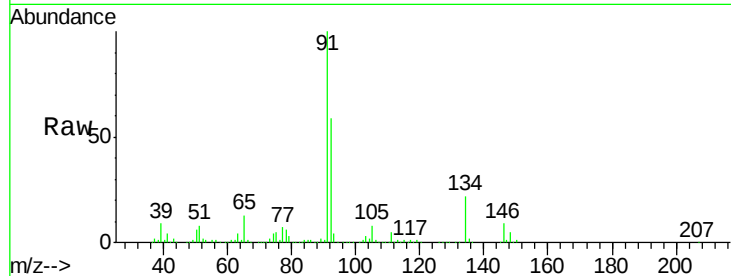




#89
n-Butylbenzene
Concen: 50.09 ug/l
RT: 14.14 min Scan# 1325
Delta R.T. -0.02 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

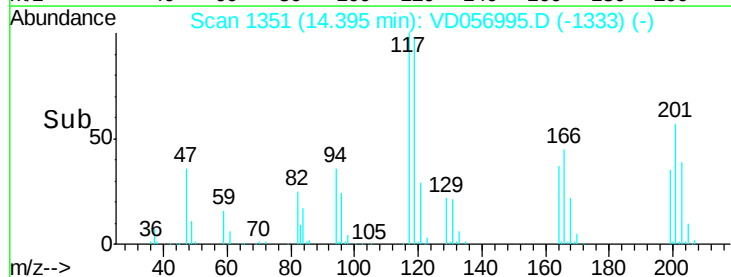
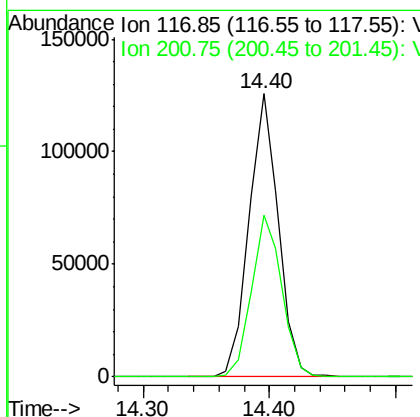
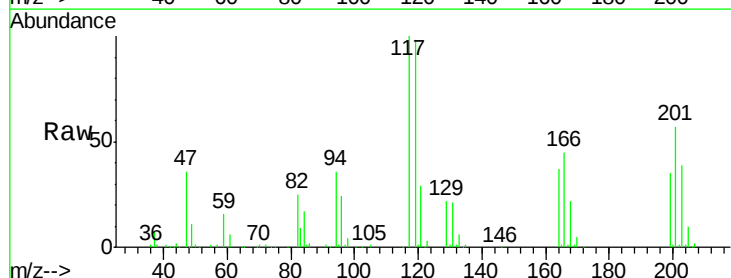
Instrument :
MSVOA_X
ClientSampled :
BFB

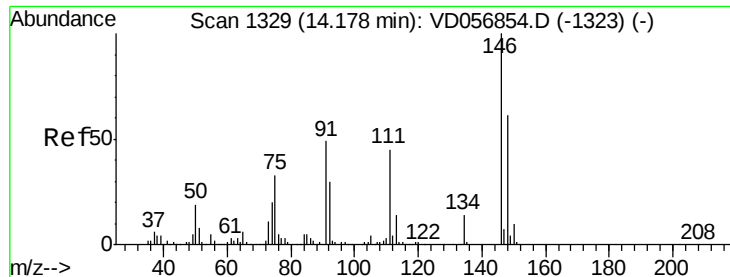
Tgt Ion: 91 Resp: 1071111
Ion Ratio Lower Upper
91 100
92 58.7 30.2 90.6
134 22.1 10.4 31.4



#90
Hexachloroethane
Concen: 41.88 ug/l
RT: 14.40 min Scan# 1351
Delta R.T. -0.03 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion: 117 Resp: 203863
Ion Ratio Lower Upper
117 100
201 57.1 32.2 96.6

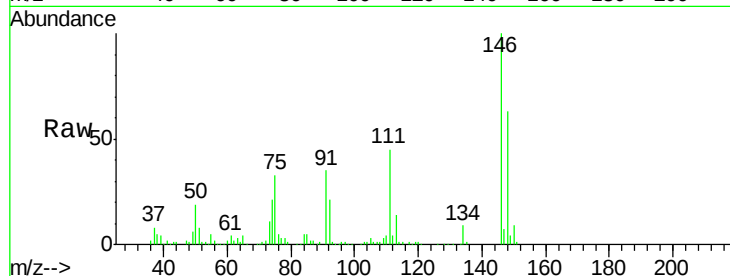




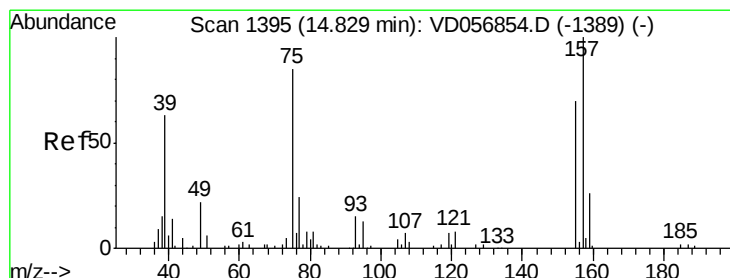
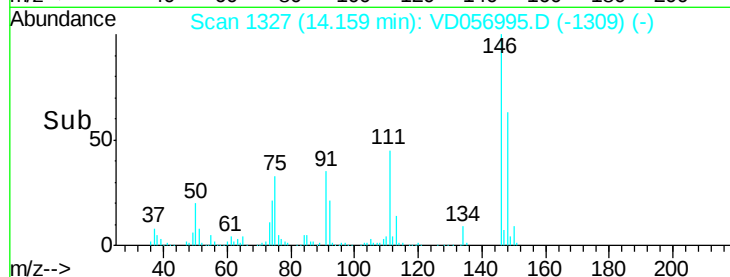
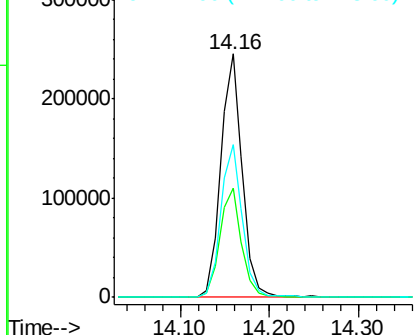
#91
 1,2-Dichlorobenzene
 Concen: 49.32 ug/l
 RT: 14.16 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion: 146 Resp: 416599
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.1 63.4
 148 62.8 32.1 96.3

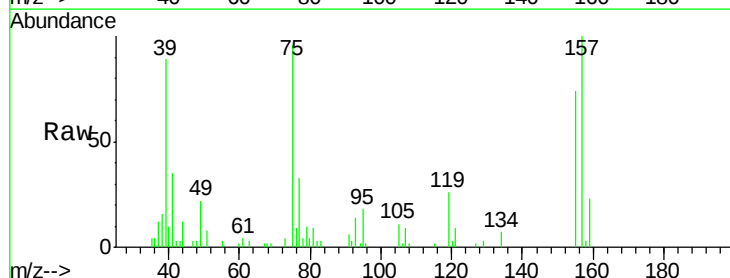


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

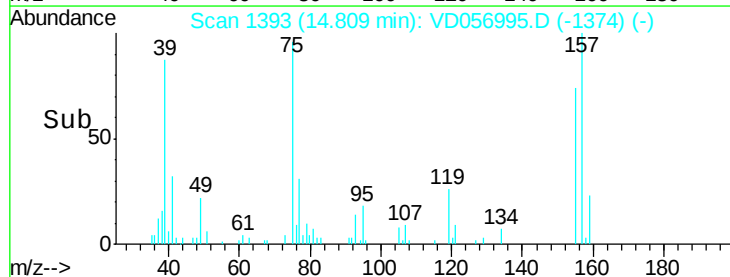
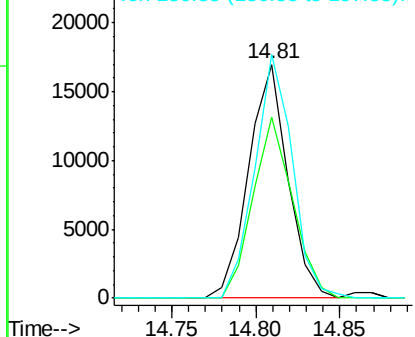


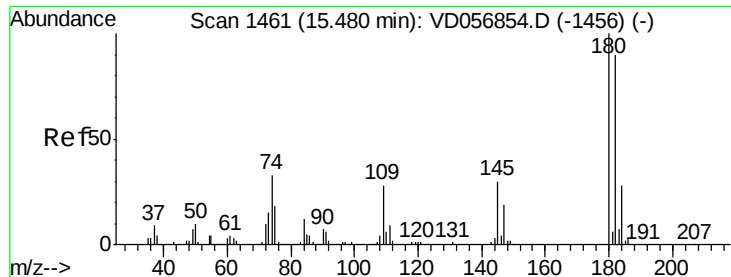
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.62 ug/l
 RT: 14.81 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion: 75 Resp: 27396
 Ion Ratio Lower Upper
 75 100
 155 77.3 35.8 107.3
 157 104.2 42.9 128.5



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

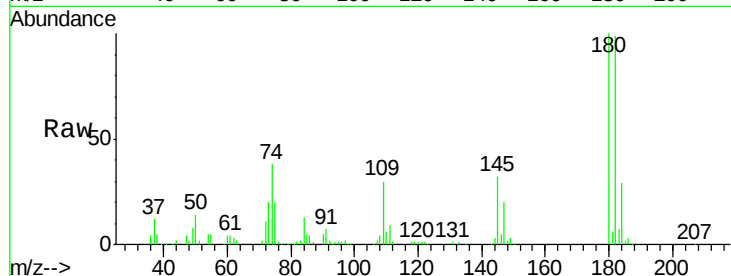




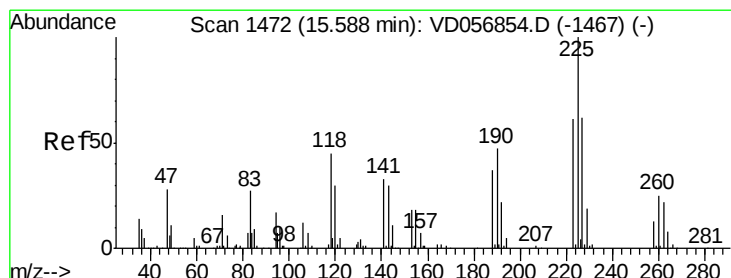
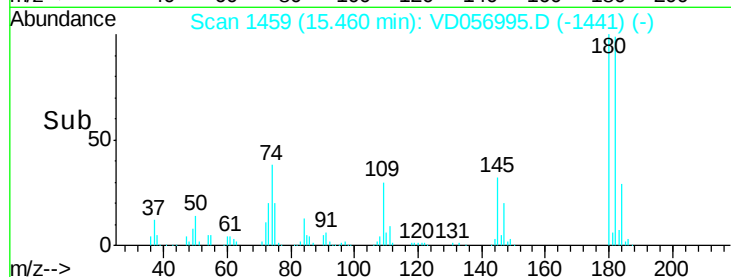
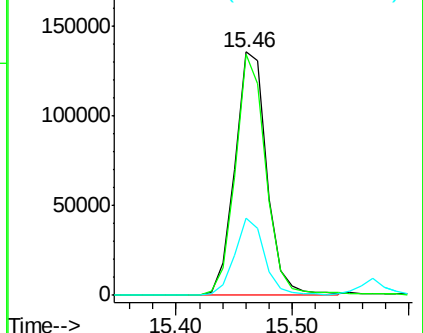
#93
 1,2,4-Trichlorobenzene
 Concen: 48.32 ug/l
 RT: 15.46 min Scan# 1459
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 257528
 Ion Ratio Lower Upper
 180 100
 182 99.0 46.3 138.9
 145 31.7 15.2 45.5

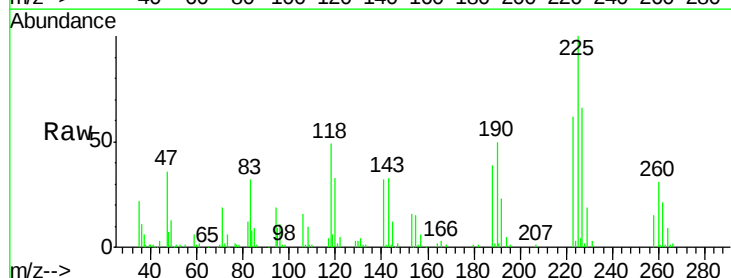


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

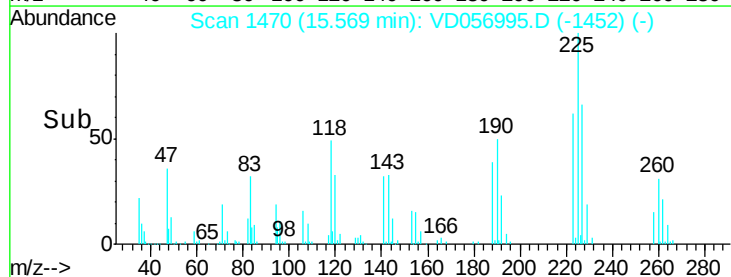
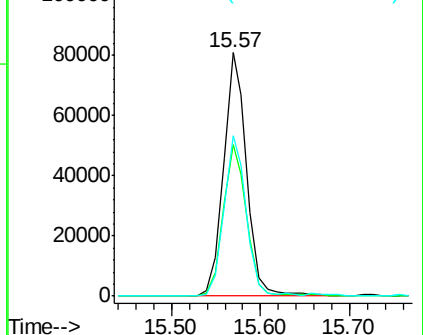


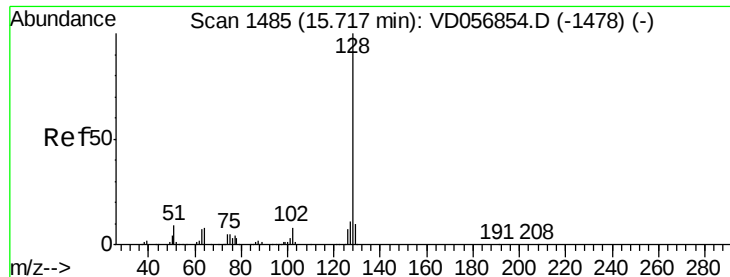
#94
 Hexachlorobutadiene
 Concen: 48.57 ug/l
 RT: 15.57 min Scan# 1470
 Delta R.T. -0.03 min
 Lab File: VD056995.D
 Acq: 28 Mar 2018 10:49

Tgt Ion:225 Resp: 147879
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.6 91.8
 227 65.8 31.8 95.4



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

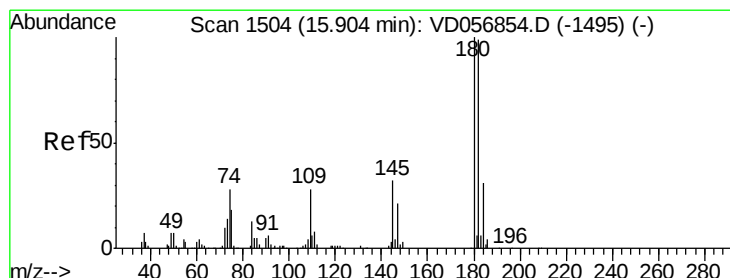
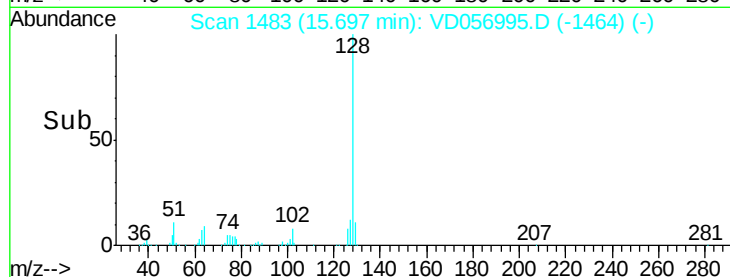
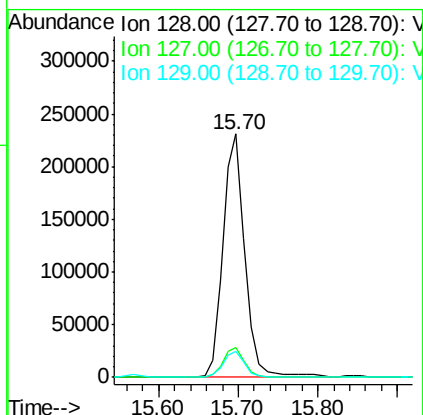
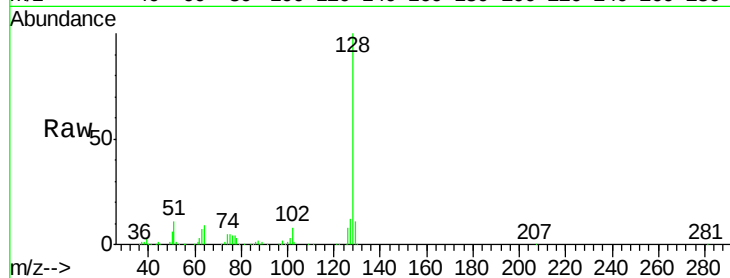




#95
Naphthalene
Concen: 46.62 ug/l
RT: 15.70 min Scan# 1483
Delta R.T. -0.02 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 448306
Ion Ratio Lower Upper
128 100
127 12.5 9.3 13.9
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.64 ug/l
RT: 15.88 min Scan# 1502
Delta R.T. -0.02 min
Lab File: VD056995.D
Acq: 28 Mar 2018 10:49

Tgt Ion:180 Resp: 208313
Ion Ratio Lower Upper
180 100
182 96.0 47.2 141.6
145 31.7 16.9 50.7

