

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063238.D
 Acq On : 30 Jul 2019 13:37
 Operator : VA/AP
 Sample : K4043-15
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-418-420

Quant Time: Jul 31 04:54:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	16850	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	21001	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	19823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	9738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	9328	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
35) Dibromofluoromethane	6.90	113	9765	54.46	ug/l	0.00
Spiked Amount			Recovery	=	108.92%	
50) Toluene-d8	10.40	98	20988	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	13.55	95	8105	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	

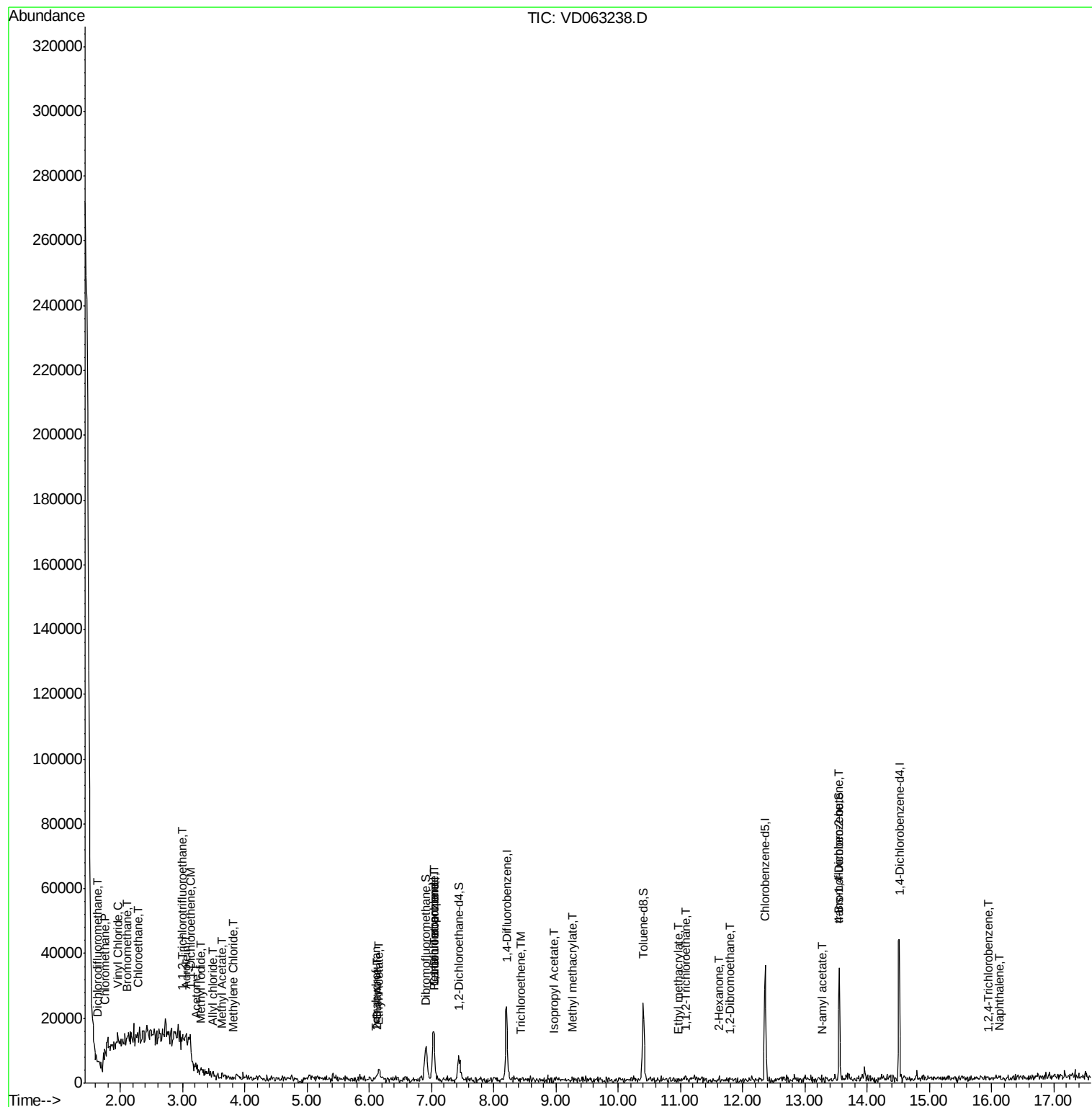
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.64	85	213	1.034	ug/l #	42
3) Chloromethane	1.75	50	440	2.750	ug/l #	46
4) Vinyl Chloride	1.95	62	197	1.189	ug/l #	1
5) Bromomethane	2.10	94	2854	34.159	ug/l #	12
6) Chloroethane	2.29	64	198	2.589	ug/l #	47
9) 1,1,2-Trichlorotrifluoroet	3.01	101	181	1.017	ug/l #	15
10) Methyl Iodide	3.30	142	468	1.820	ug/l #	27
12) 1,1-Dichloroethene	3.13	96	208	1.591	ug/l #	1
13) Acrolein	3.05	56	186	23.555	ug/l #	15
14) Allyl chloride	3.50	41	259	1.244	ug/l #	81
16) Acetone	3.22	43	1901	52.184	ug/l #	62
18) Methyl Acetate	3.63	43	421	6.017	ug/l #	60
20) Methylene Chloride	3.81	84	179	1.216	ug/l #	2
25) 2-Butanone	6.12	43	396	10.832	ug/l #	56
29) Tetrahydrofuran	6.11	42	196	11.324	ug/l #	33
36) 1,1-Dichloropropene	7.05	75	604	3.151	ug/l #	44
37) Ethyl Acetate	6.17	43	239	2.776	ug/l #	70
38) Carbon Tetrachloride	7.03	117	1736	6.017	ug/l #	11
43) Isopropyl Acetate	8.99	43	192	1.746	ug/l #	49
44) Trichloroethene	8.43	130	259	1.591	ug/l	3
48) Methyl methacrylate	9.26	41	208	2.916	ug/l #	14
55) 1,1,2-Trichloroethane	11.09	97	203	2.250	ug/l #	17
56) Ethyl methacrylate	10.98	69	233	2.358	ug/l #	13
59) 2-Hexanone	11.62	43	315	5.844	ug/l #	31
61) 1,2-Dibromoethane	11.81	107	183	1.644	ug/l #	1
74) N-amyl acetate	13.29	43	396	2.451	ug/l #	18
81) trans-1,4-Dichloro-2-buten	13.55	75	5583	171.895	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.94	180	560	2.628	ug/l #	87
95) Naphthalene	16.12	128	1287	4.273	ug/l #	70

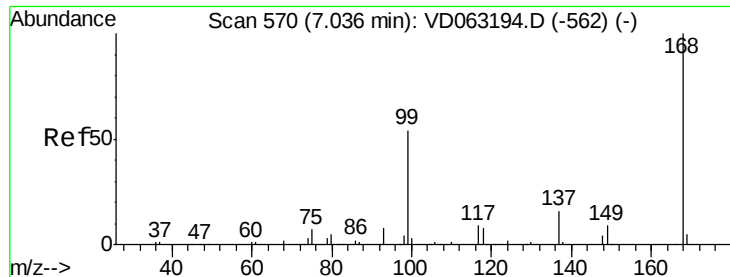
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073019\
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Sample : K4043-15
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Quant Time: Jul 31 04:54:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

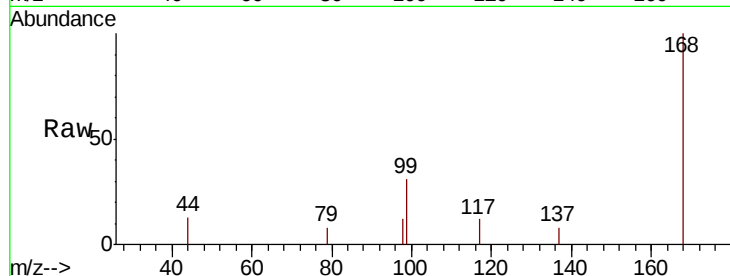
BP-VPB203-GW-418-420

Tot Ion:168 Resp: 16850

Ion Ratio Lower Upper

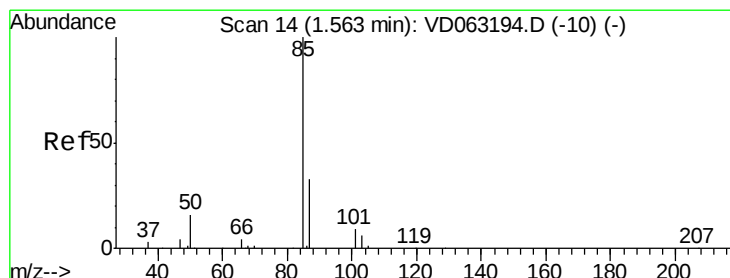
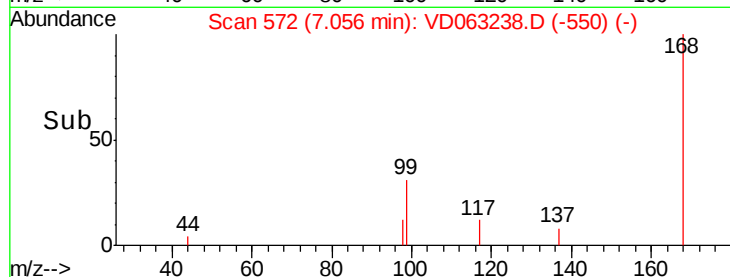
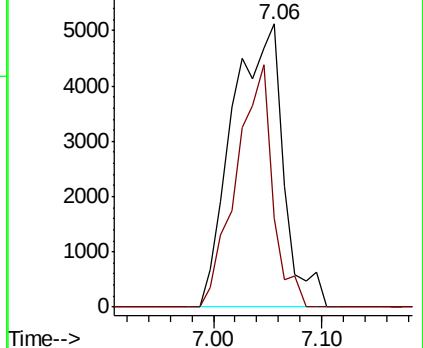
168 100

99 31.2 43.7 65.5#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 1.034 ug/l

RT: 1.64 min Scan# 22

Delta R.T. 0.08 min

Lab File: VD063238.D

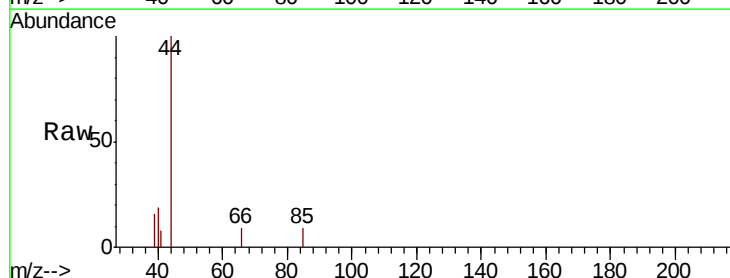
Acq: 30 Jul 2019 13:37

Tgt Ion: 85 Resp: 213

Ion Ratio Lower Upper

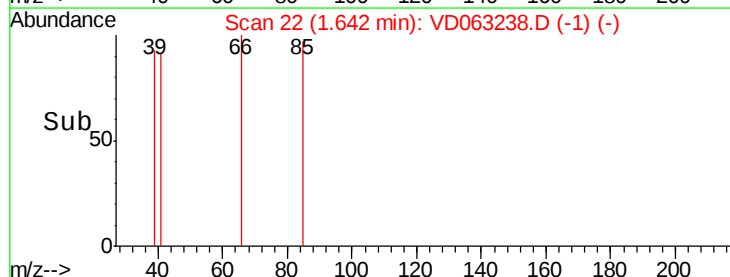
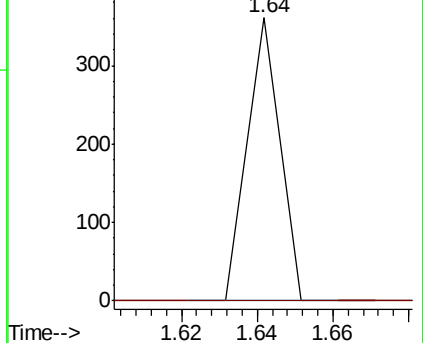
85 100

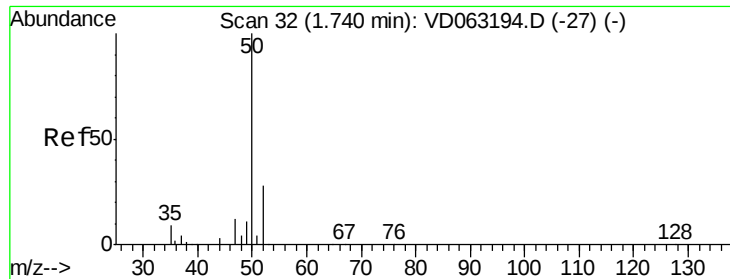
87 0.0 16.6 49.7#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 2.750 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

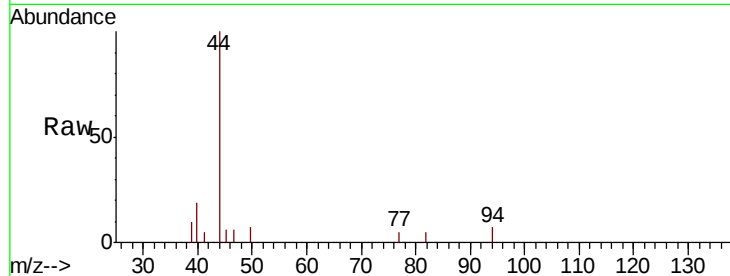
BP-VPB203-GW-418-420

Tot Ion: 50 Resp: 440

Ion Ratio Lower Upper

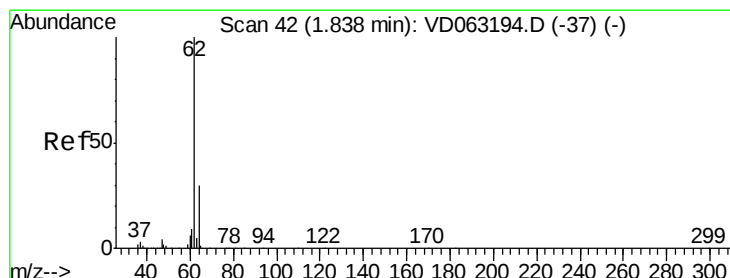
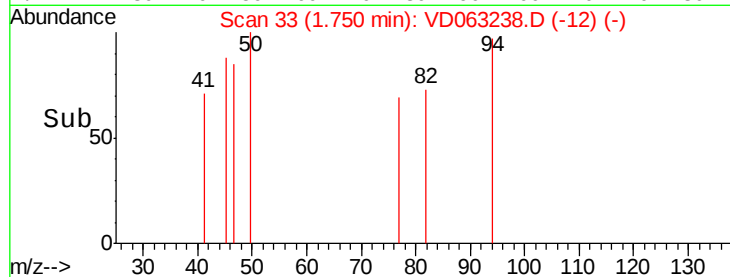
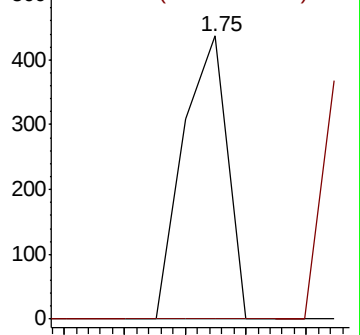
50 100

52 0.0 22.6 34.0#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 1.189 ug/l

RT: 1.95 min Scan# 53

Delta R.T. 0.11 min

Lab File: VD063238.D

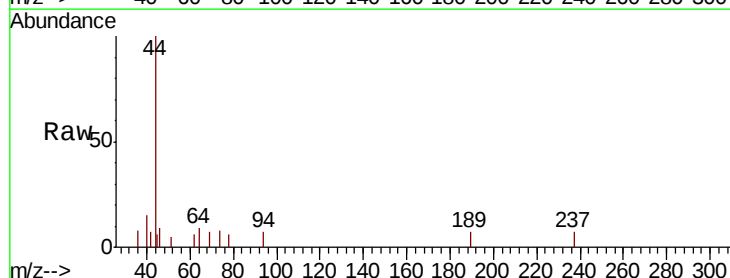
Acq: 30 Jul 2019 13:37

Tgt Ion: 62 Resp: 197

Ion Ratio Lower Upper

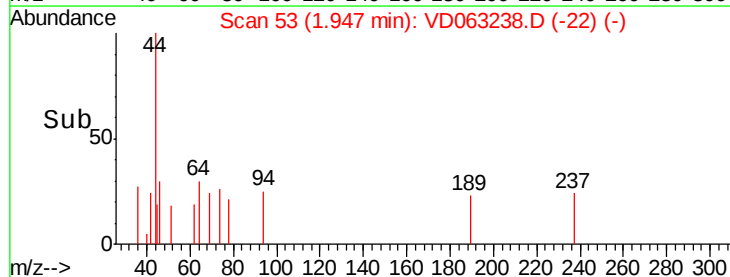
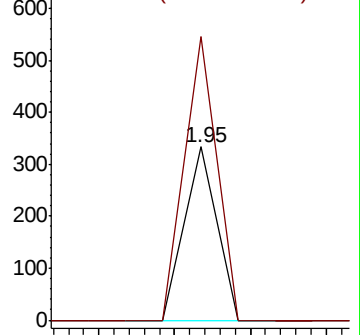
62 100

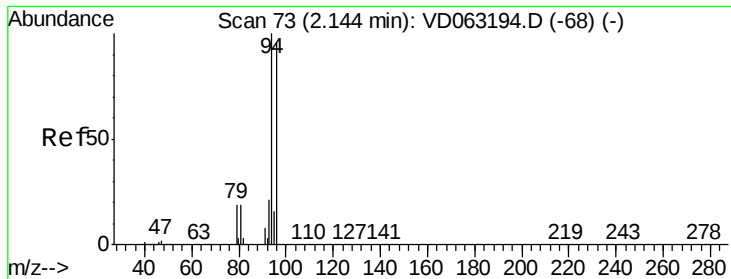
64 163.7 24.1 36.1#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 34.159 ug/l

RT: 2.10 min Scan# 69

Delta R.T. -0.04 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420

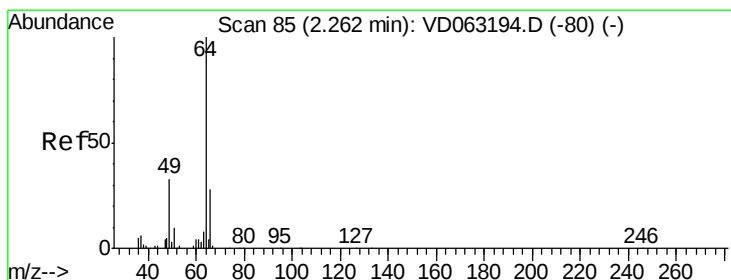
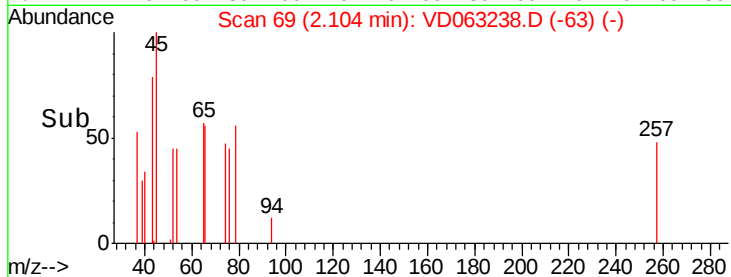
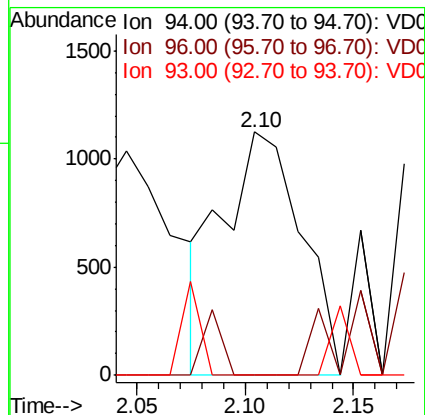
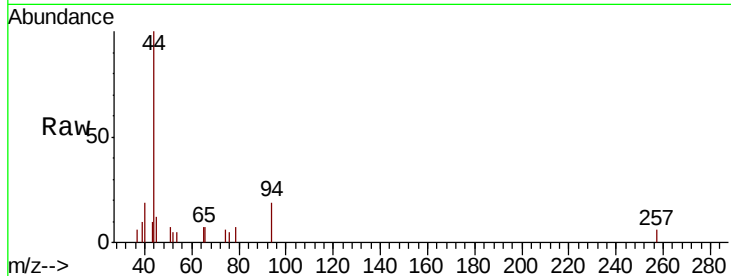
Tot Ion: 94 Resp: 2854

Ion Ratio Lower Upper

94 100

96 0.0 76.4 114.6#

93 0.0 17.3 25.9#



#6

Chloroethane

Concen: 2.589 ug/l

RT: 2.29 min Scan# 88

Delta R.T. 0.03 min

Lab File: VD063238.D

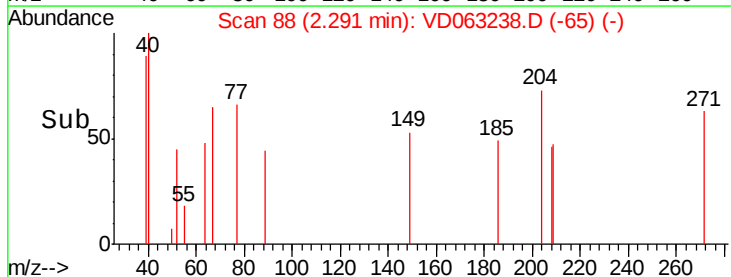
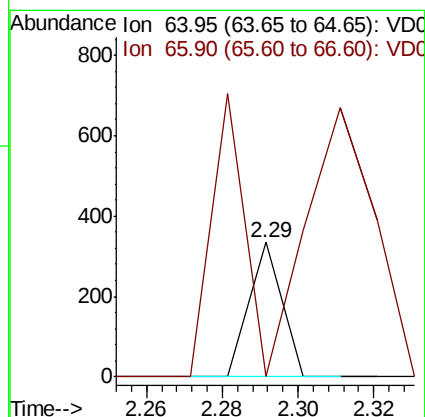
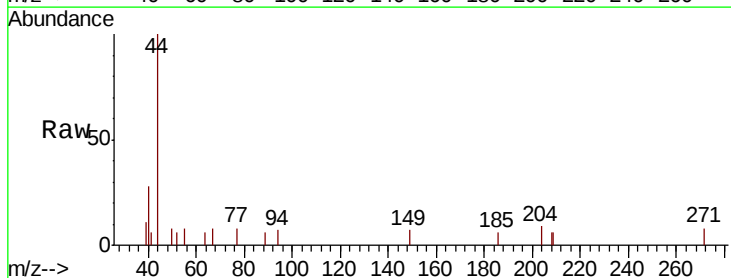
Acq: 30 Jul 2019 13:37

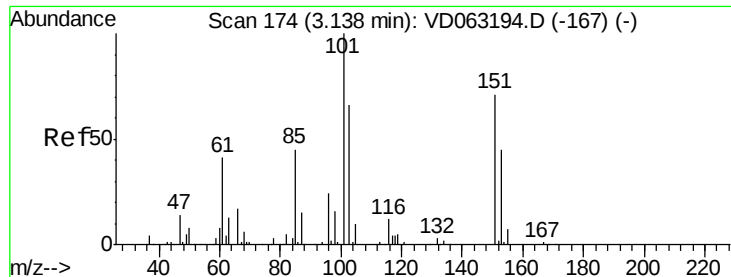
Tgt Ion: 64 Resp: 198

Ion Ratio Lower Upper

64 100

66 0.0 22.2 33.2#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.017 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.13 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420

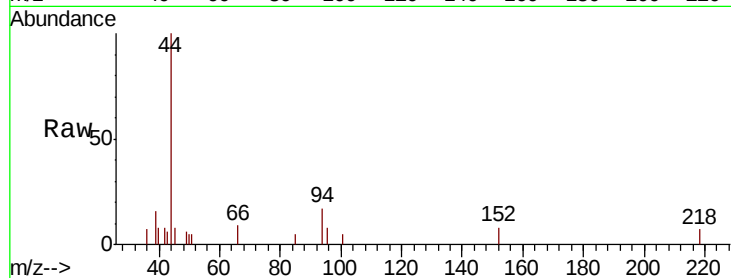
Tot Ion:101 Resp: 181

Ion Ratio Lower Upper

101 100

85 99.3 36.1 54.1#

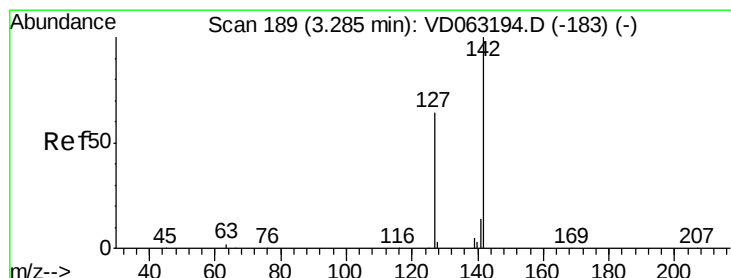
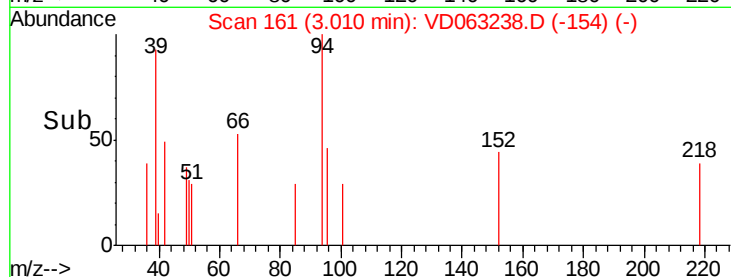
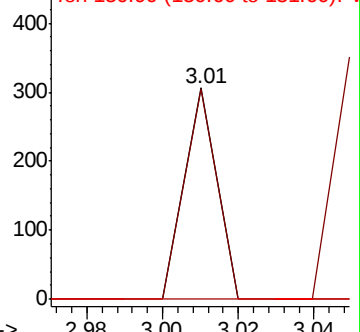
151 0.0 57.1 85.7#



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: 1.820 ug/l

RT: 3.30 min Scan# 190

Delta R.T. 0.01 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

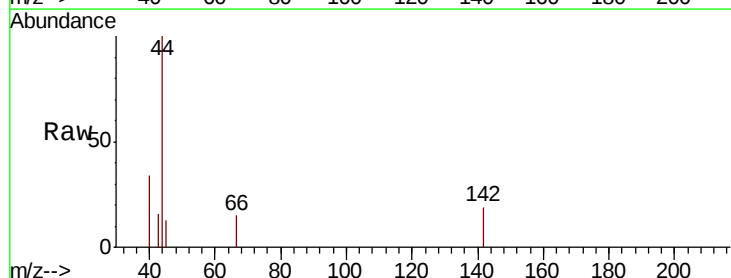
Tgt Ion:142 Resp: 468

Ion Ratio Lower Upper

142 100

127 0.0 50.8 76.2#

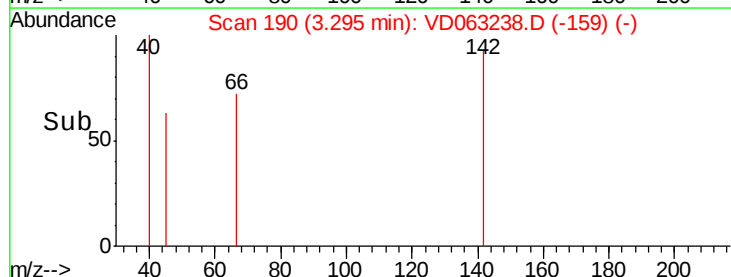
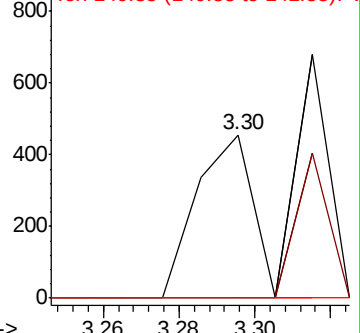
141 0.0 11.4 17.2#

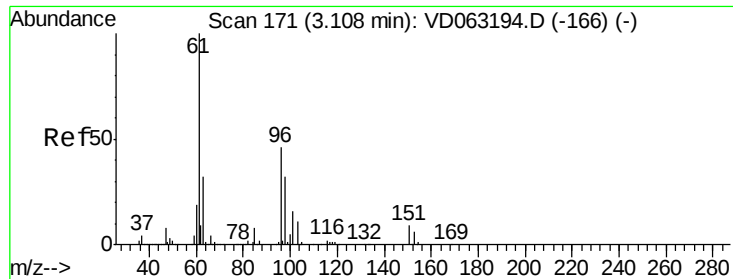


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#12

1,1-Dichloroethene

Concen: 1.591 ug/l

RT: 3.13 min Scan# 173

Delta R.T. 0.02 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

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BP-VPB203-GW-418-420

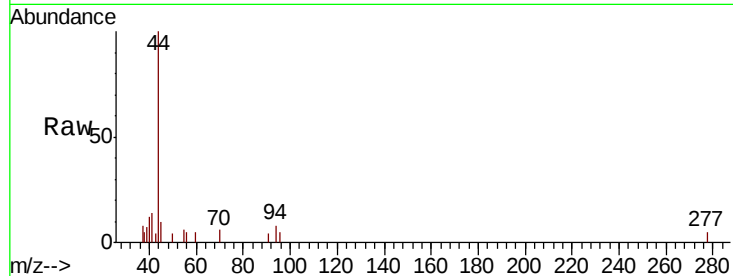
Tot Ion: 96 Resp: 208

Ion Ratio Lower Upper

96 100

61 0.0 173.7 260.5#

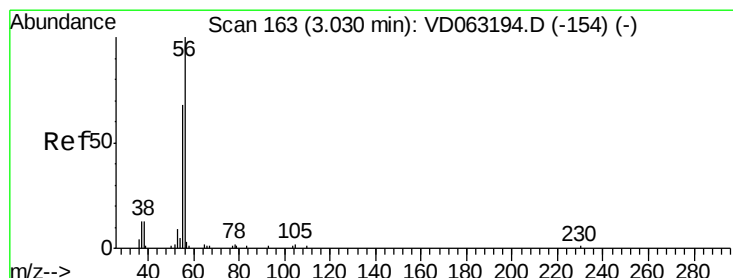
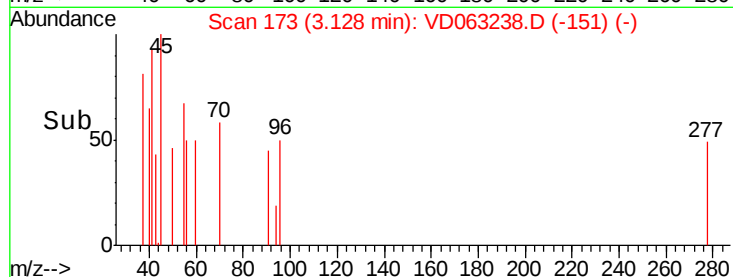
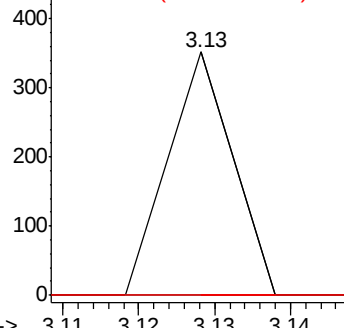
98 0.0 55.8 83.8#



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



#13

Acrolein

Concen: 23.555 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD063238.D

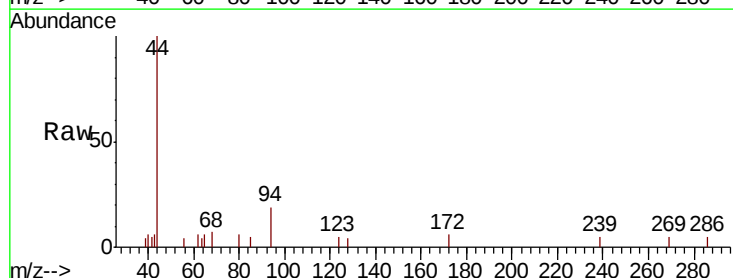
Acq: 30 Jul 2019 13:37

Tgt Ion: 56 Resp: 186

Ion Ratio Lower Upper

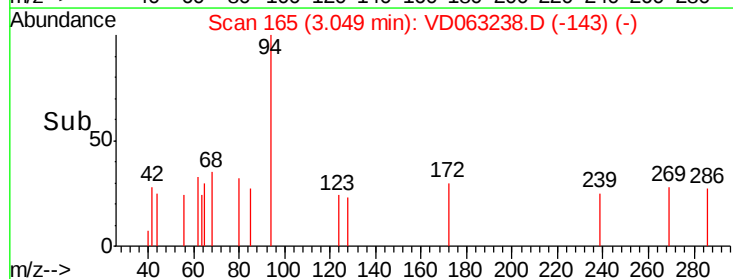
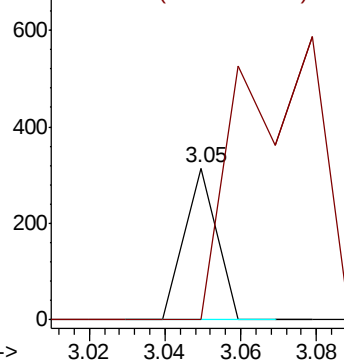
56 100

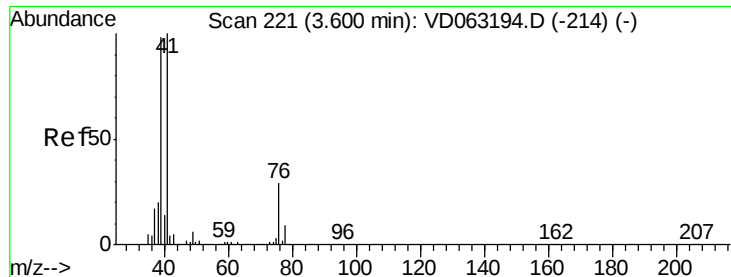
55 0.0 55.3 82.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

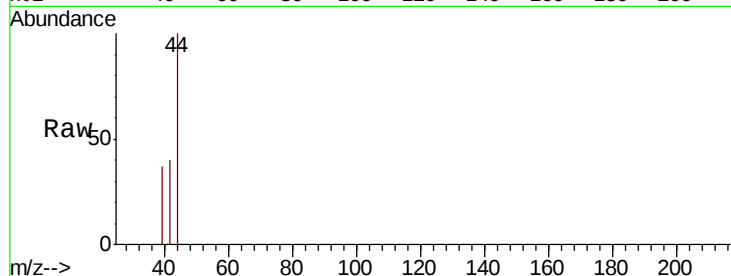




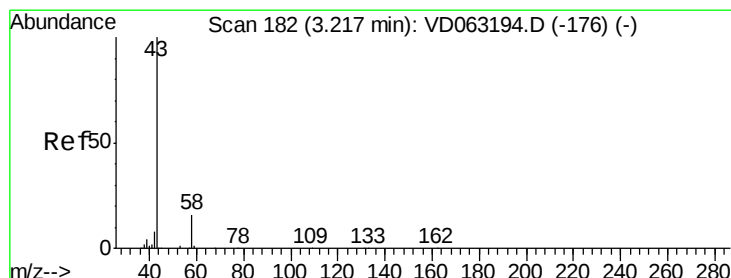
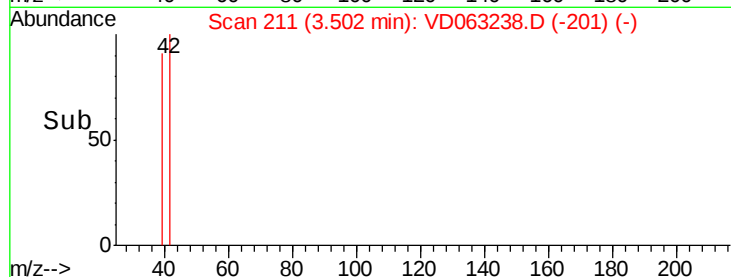
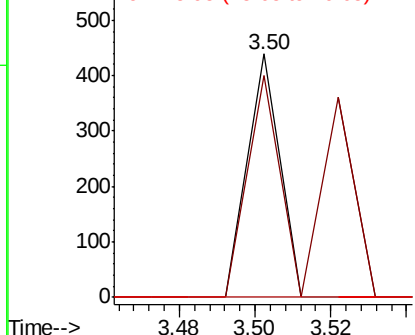
#14
Allvl chloride
Concen: 1.244 ug/l
RT: 3.50 min Scan# 211
Delta R.T. -0.10 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-418-420

Tot Ion: 41 Resp: 259
Ion Ratio Lower Upper
41 100
39 91.1 78.6 117.8
76 0.0 24.5 36.7#

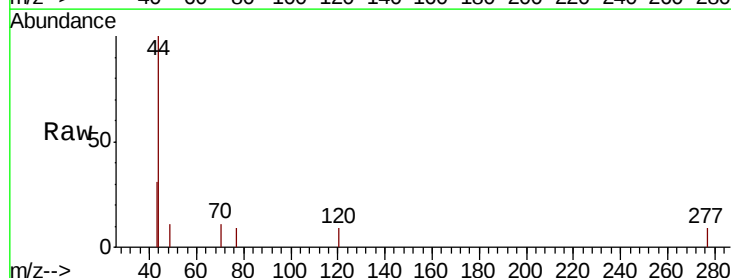


Abundance Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 75.95 (75.65 to 76.65): VDC

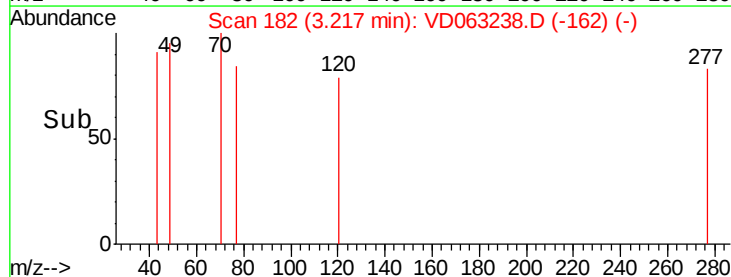
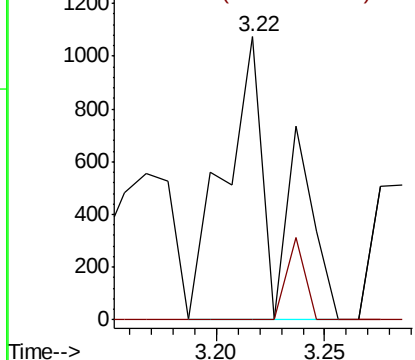


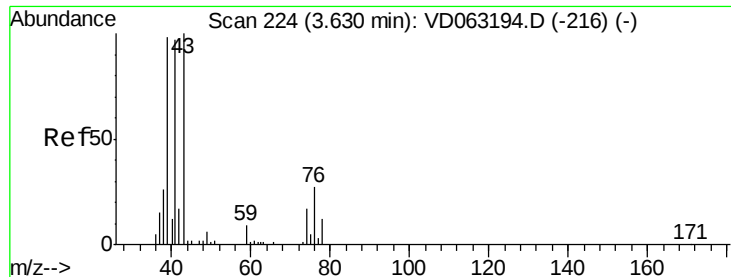
#16
Acetone
Concen: 52.184 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 0.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

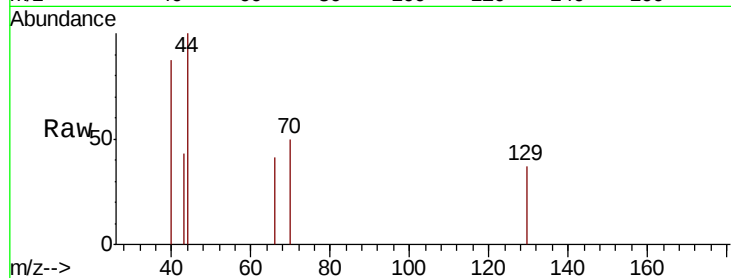




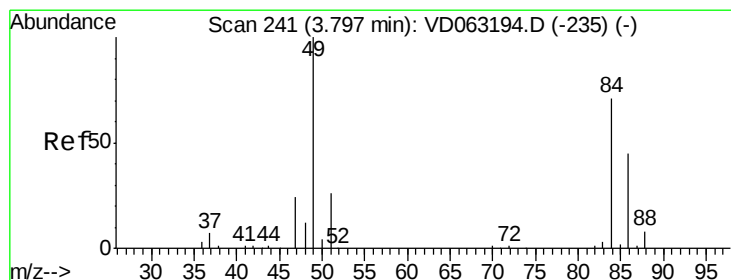
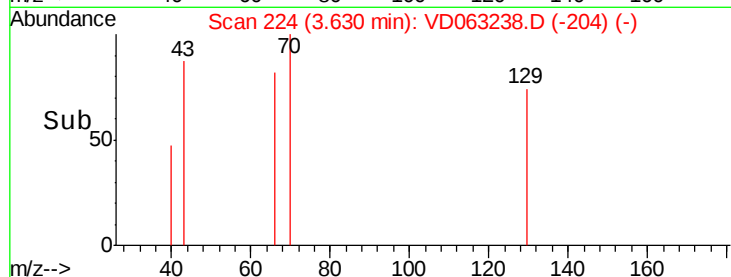
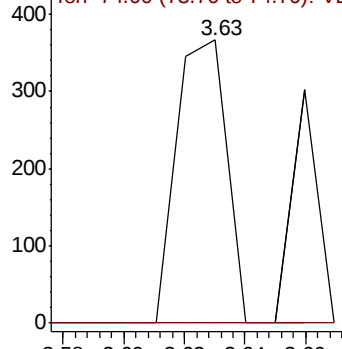
#18
Methyl Acetate
Concen: 6.017 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-418-420

Tot Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
74 0.0 13.8 20.8#

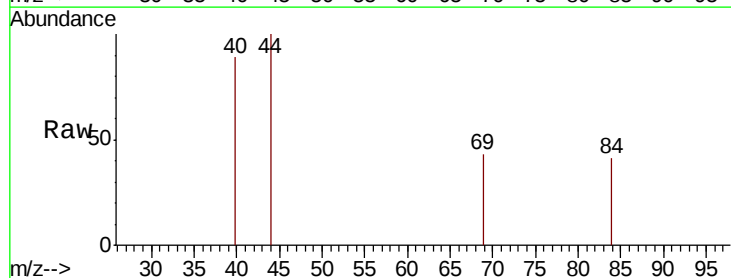


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

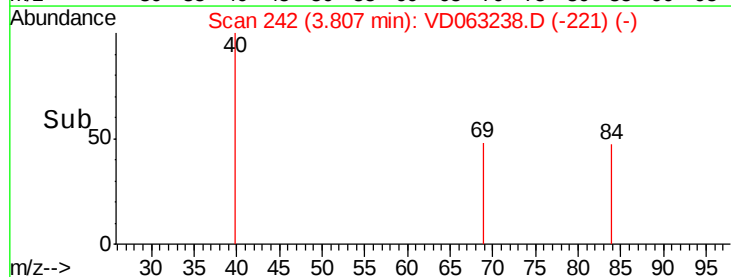
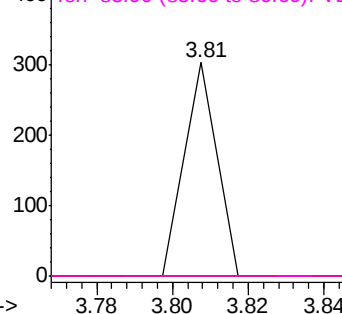


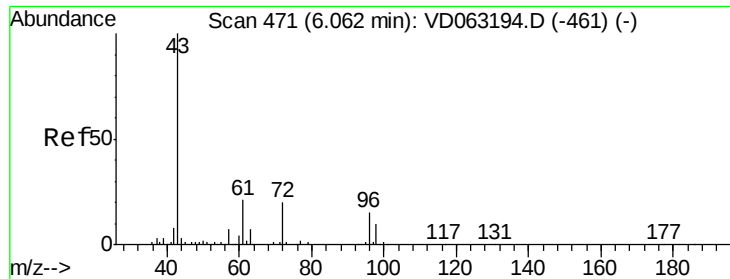
#20
Methylene Chloride
Concen: 1.216 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

Tgt Ion: 84 Resp: 179
Ion Ratio Lower Upper
84 100
49 0.0 112.5 168.7#
51 0.0 29.6 44.4#
86 0.0 50.4 75.6#



Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 10.832 ug/l

RT: 6.12 min Scan# 477

Delta R.T. 0.06 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

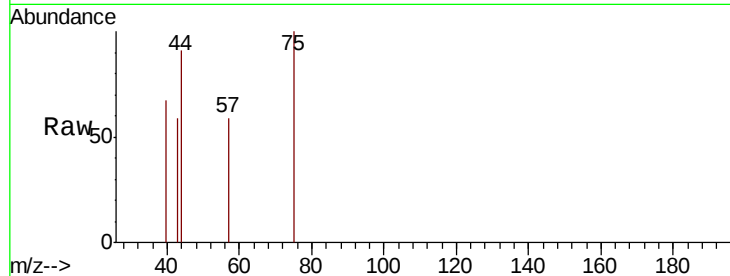
BP-VPB203-GW-418-420

Tot Ion: 43 Resp: 396

Ion Ratio Lower Upper

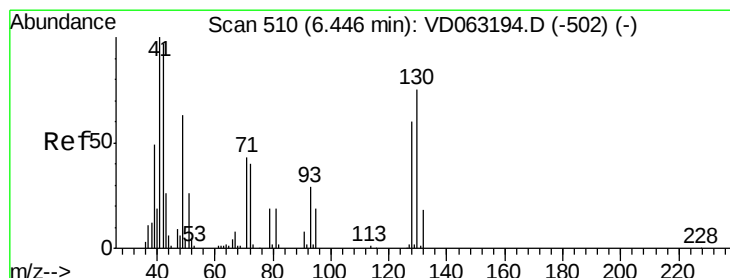
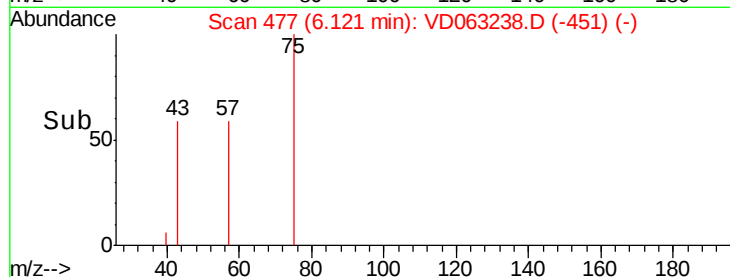
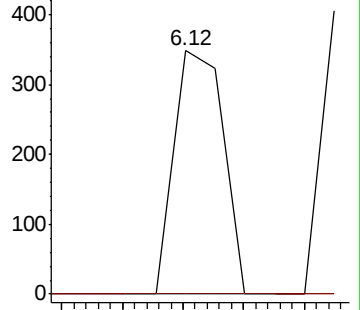
43 100

72 0.0 16.3 24.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 11.324 ug/l

RT: 6.11 min Scan# 476

Delta R.T. -0.33 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

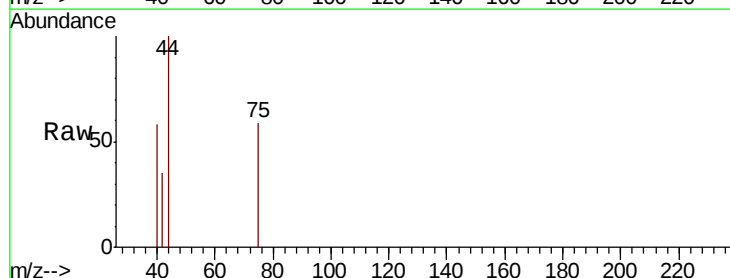
Tgt Ion: 42 Resp: 196

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.2#

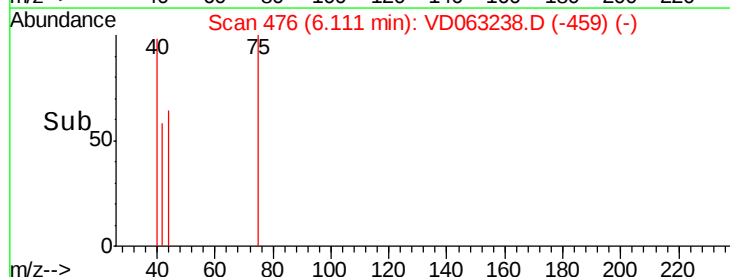
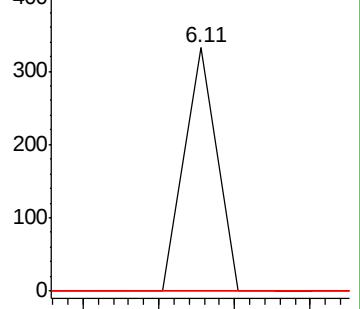
71 0.0 35.7 53.5#

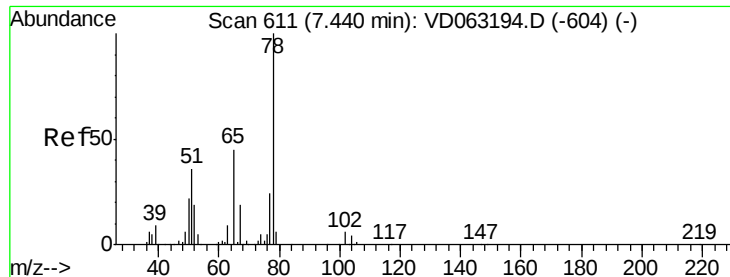


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 49.891 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

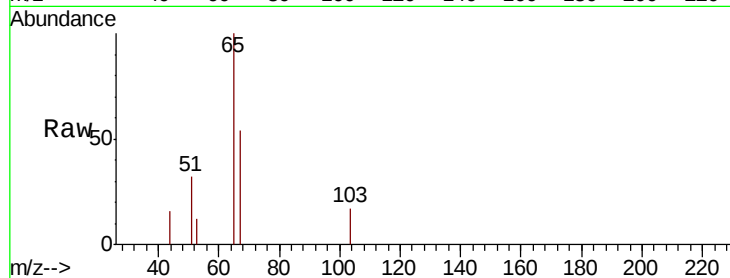
BP-VPB203-GW-418-420

Tot Ion: 65 Resp: 9328

Ion Ratio Lower Upper

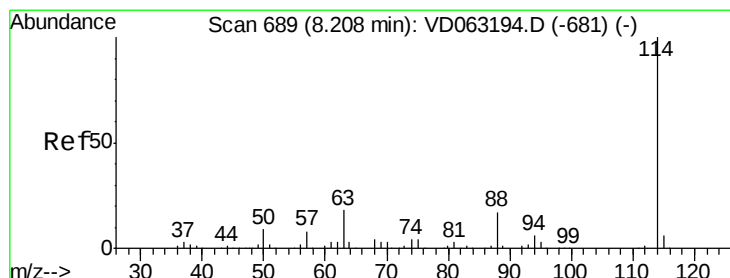
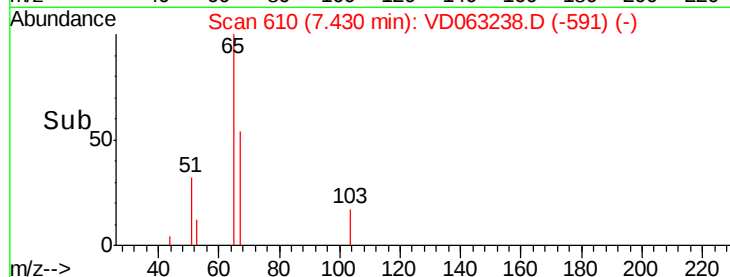
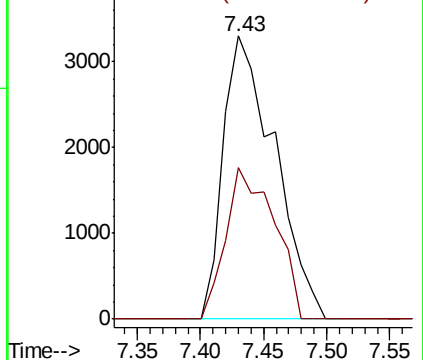
65 100

67 53.6 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

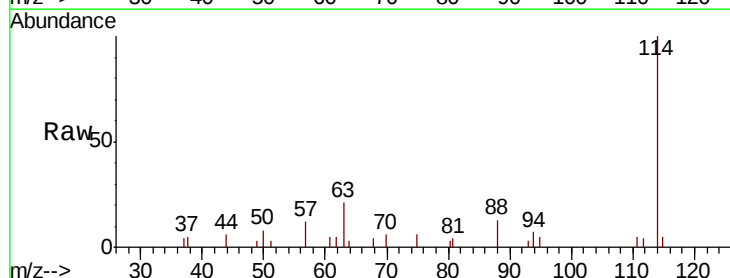
Tgt Ion: 114 Resp: 21001

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.2

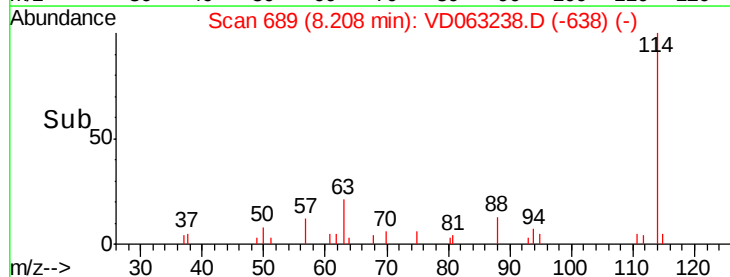
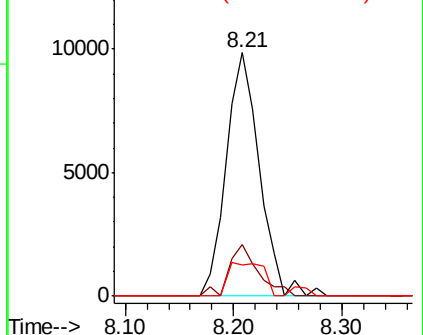
88 12.7 0.0 34.6

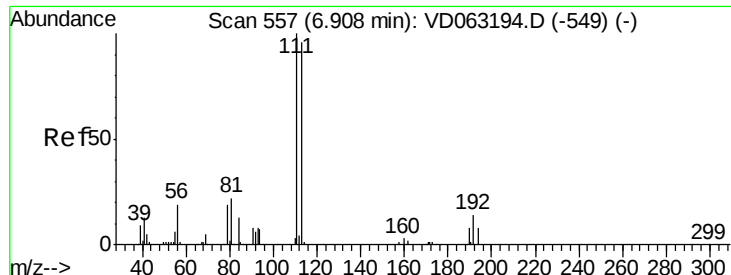


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 54.461 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.01 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420

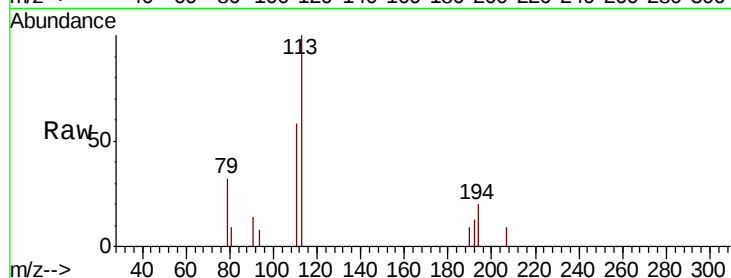
Tot Ion:113 Resp: 9765

Ion Ratio Lower Upper

113 100

111 58.5 83.2 124.8#

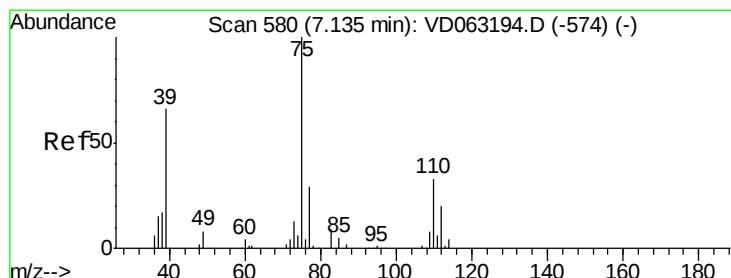
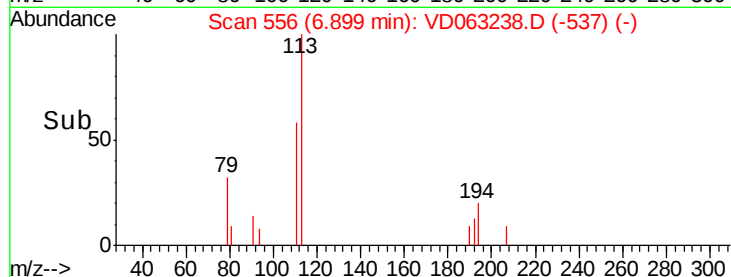
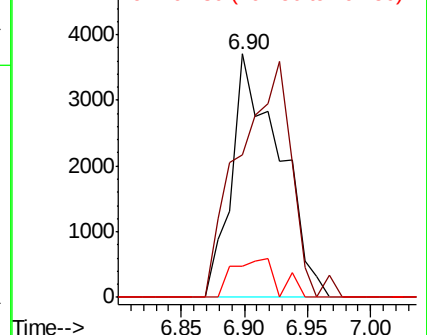
192 12.9 11.8 17.8



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: 3.151 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.09 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

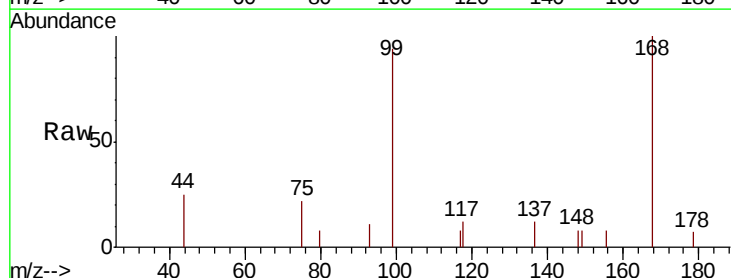
Tgt Ion: 75 Resp: 604

Ion Ratio Lower Upper

75 100

110 0.0 16.1 48.2#

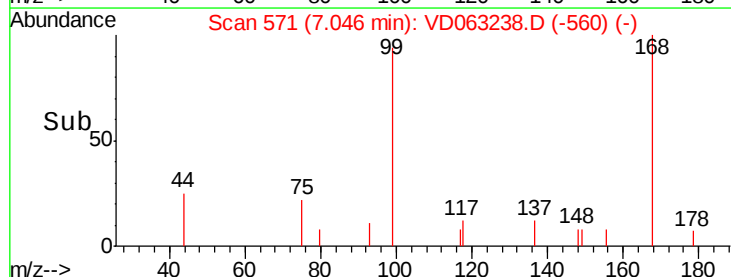
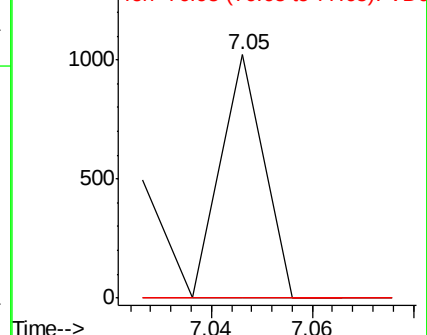
77 0.0 22.7 34.1#

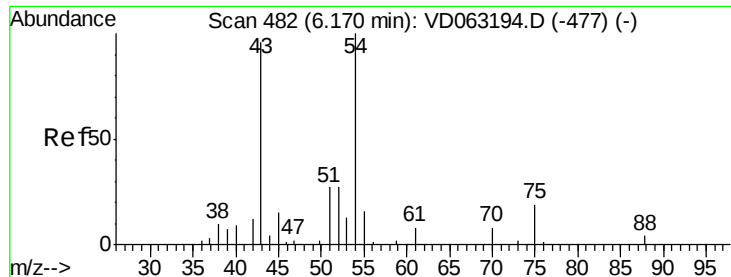


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 2.776 ug/l

RT: 6.17 min Scan# 482

Delta R.T. 0.00 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420

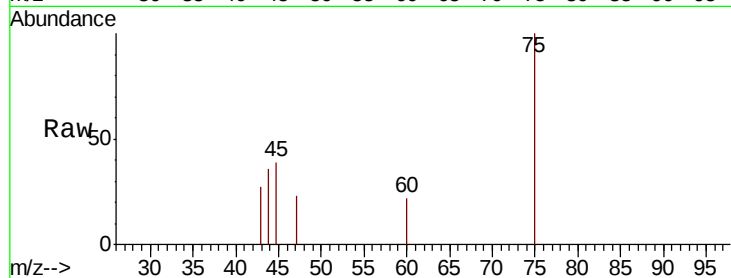
Tot Ion: 43 Resp: 239

Ion Ratio Lower Upper

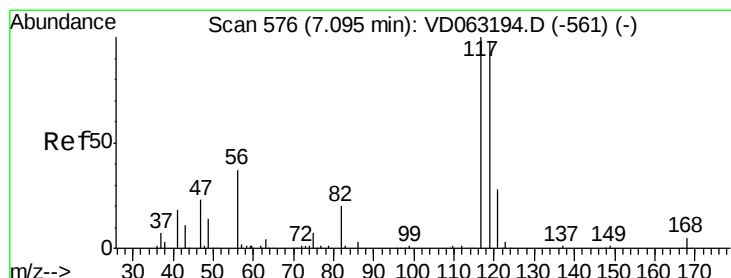
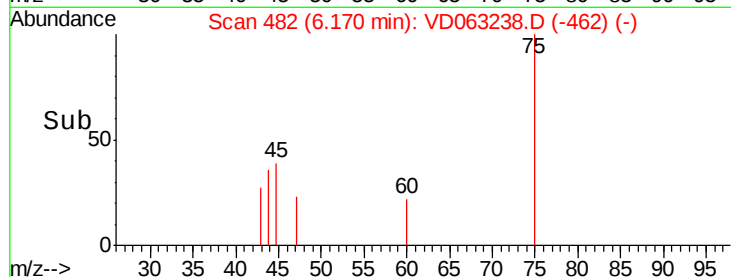
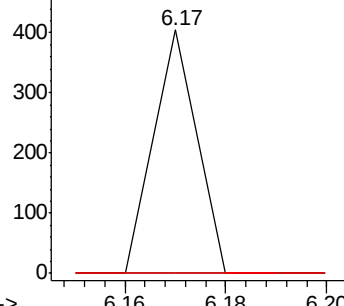
43 100

61 0.0 11.3 16.9#

70 0.0 5.1 7.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 6.017 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.07 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

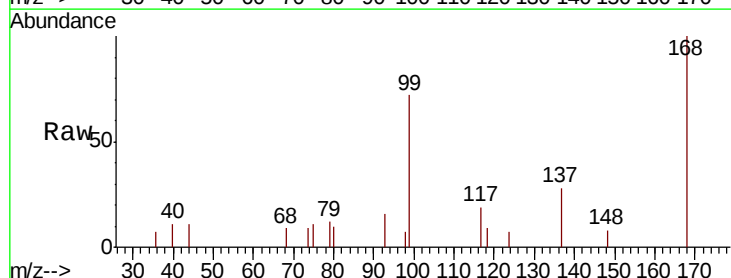
Tgt Ion: 117 Resp: 1736

Ion Ratio Lower Upper

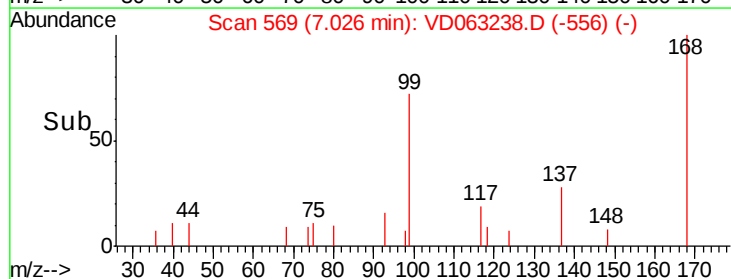
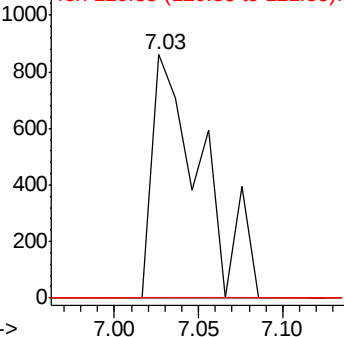
117 100

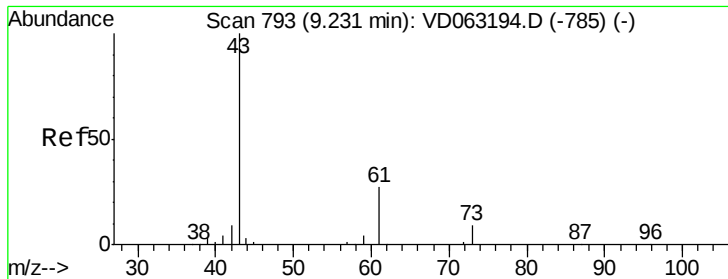
119 0.0 78.2 117.2#

121 0.0 22.1 33.1#



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



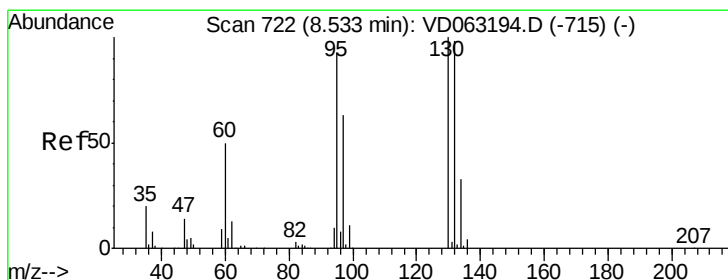
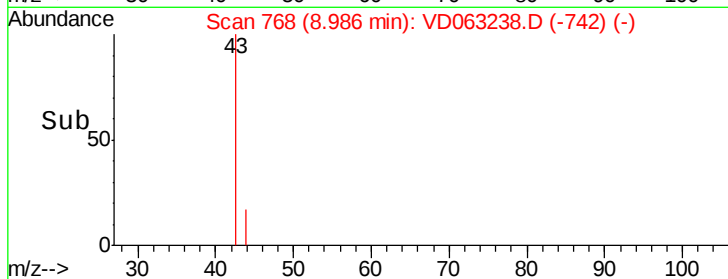
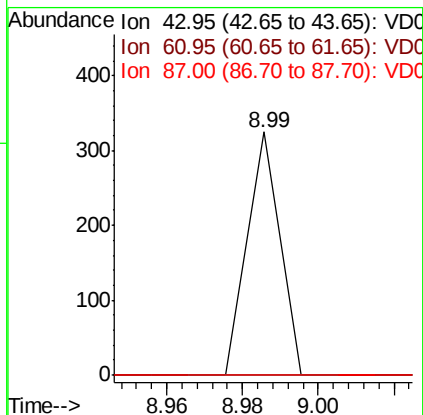
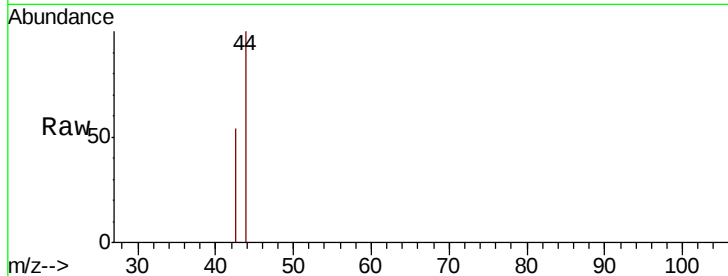


#43

Isopropyl Acetate
 Concen: 1.746 ug/l
 RT: 8.99 min Scan# 768
 Delta R.T. -0.25 min
 Lab File: VD063238.D
 Acq: 30 Jul 2019 13:37

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-418-420

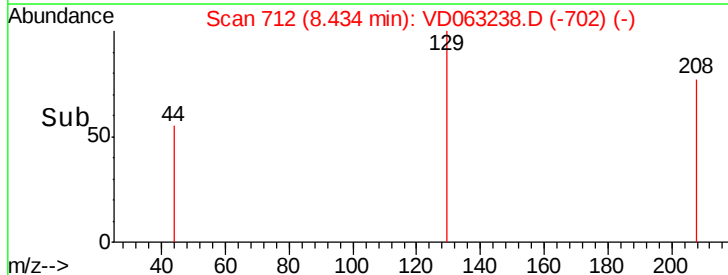
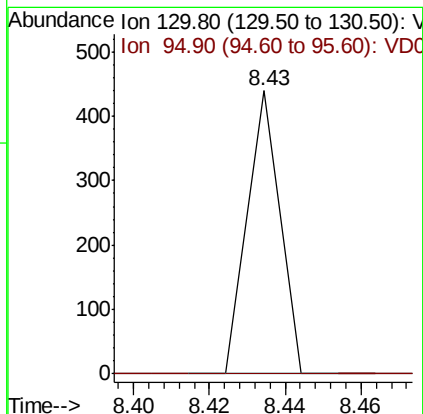
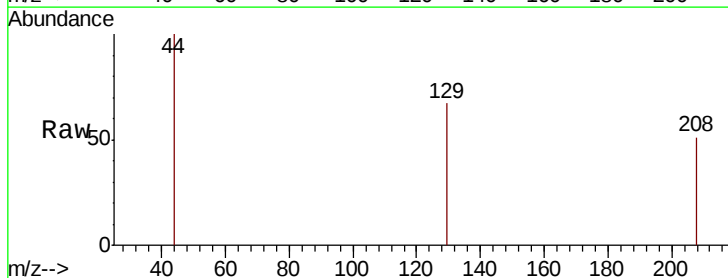
Tot Ion: 43 Resp: 192
 Ion Ratio Lower Upper
 43 100
 61 0.0 21.4 32.0#
 87 0.0 0.2 0.4#

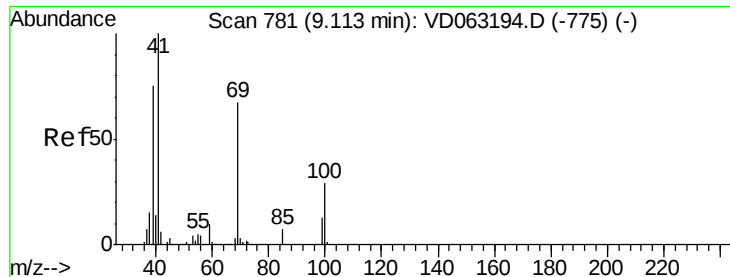


#44

Trichloroethene
 Concen: 1.591 ug/l
 RT: 8.43 min Scan# 712
 Delta R.T. -0.10 min
 Lab File: VD063238.D
 Acq: 30 Jul 2019 13:37

Tgt Ion: 130 Resp: 259
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 185.4





#48

Methyl methacrylate

Concen: 2.916 ug/l

RT: 9.26 min Scan# 796

Delta R.T. 0.15 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420

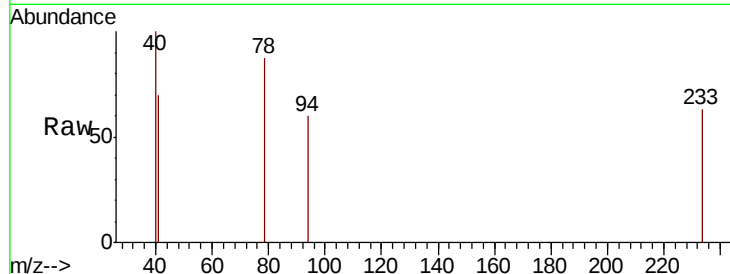
Tot Ion: 41 Resp: 208

Ion Ratio Lower Upper

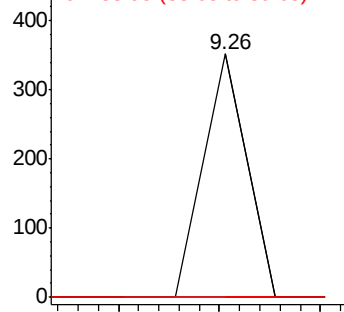
41 100

69 0.0 53.4 80.0#

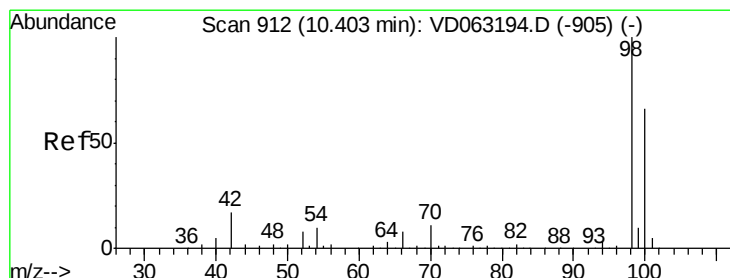
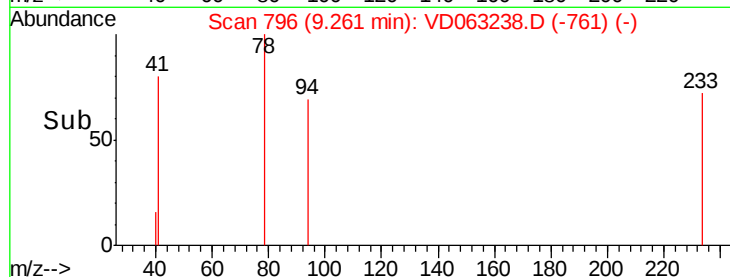
39 0.0 60.3 90.5#



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



Time-->



#50

Toluene-d8

Concen: 52.303 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063238.D

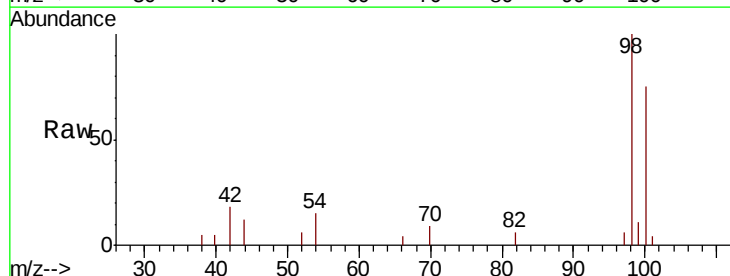
Acq: 30 Jul 2019 13:37

Tgt Ion: 98 Resp: 20988

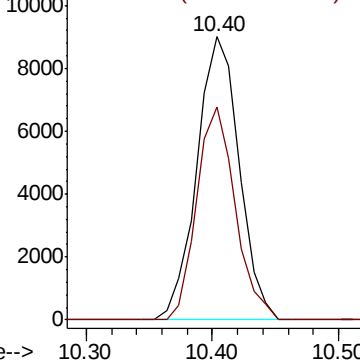
Ion Ratio Lower Upper

98 100

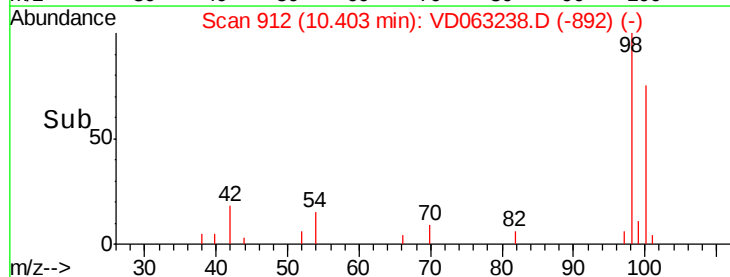
100 75.4 53.2 79.8

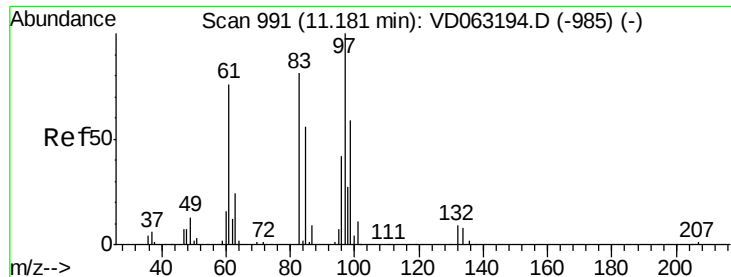


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



Time-->

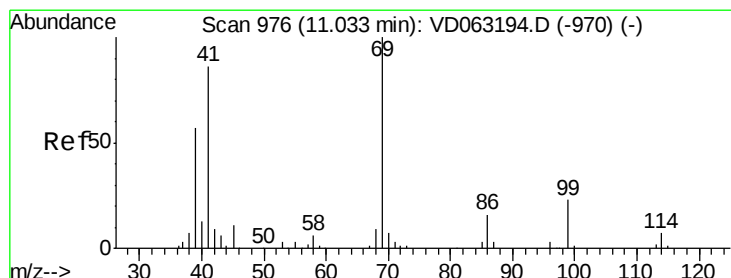
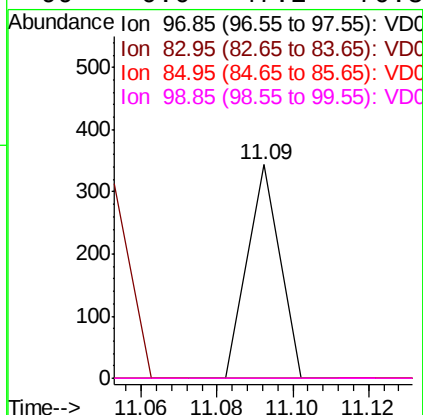
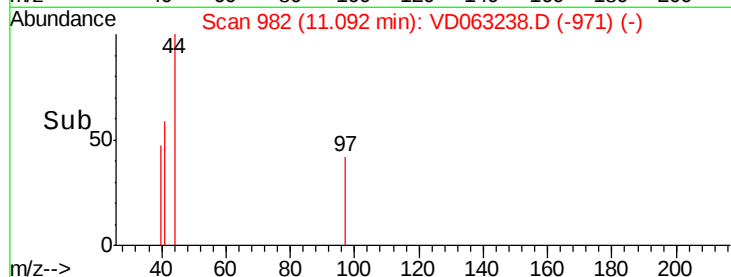
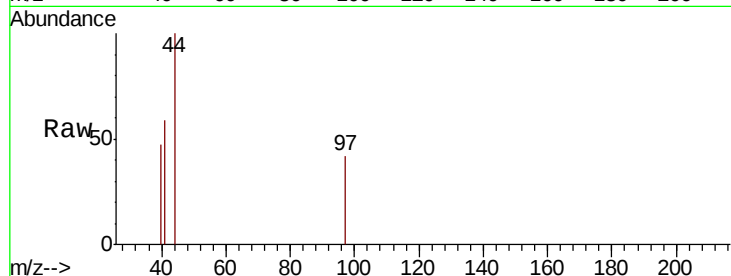




#55
1,1,2-Trichloroethane
Concen: 2.250 ug/l
RT: 11.09 min Scan# 982
Delta R.T. -0.09 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

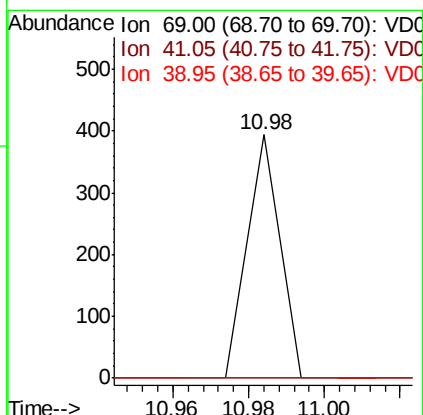
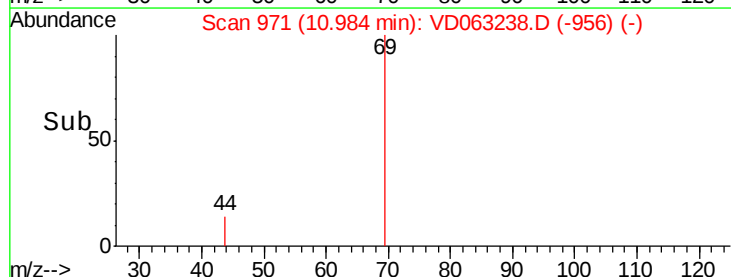
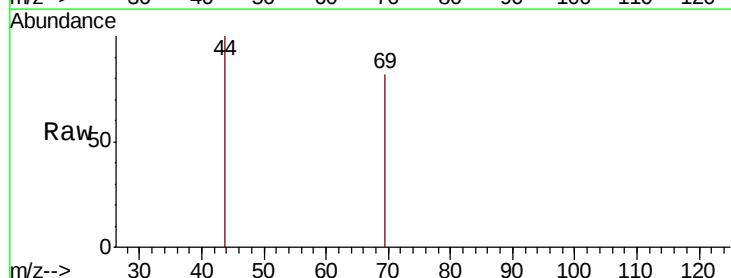
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-418-420

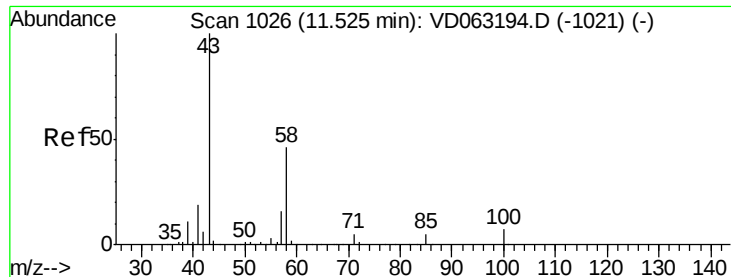
Tot Ion: 97 Resp: 203
Ion Ratio Lower Upper
97 100
83 0.0 64.8 97.2#
85 0.0 44.9 67.3#
99 0.0 47.2 70.8#



#56
Ethyl methacrylate
Concen: 2.358 ug/l
RT: 10.98 min Scan# 971
Delta R.T. -0.05 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

Tgt Ion: 69 Resp: 233
Ion Ratio Lower Upper
69 100
41 0.0 68.8 103.2#
39 0.0 45.8 68.8#

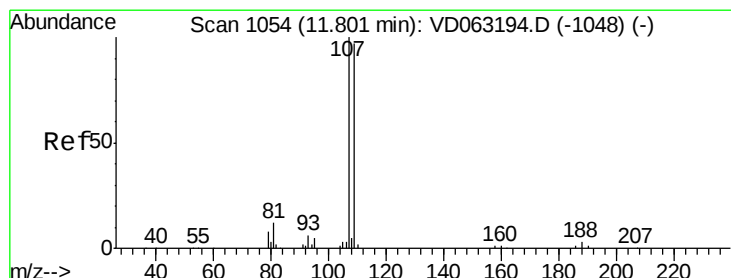
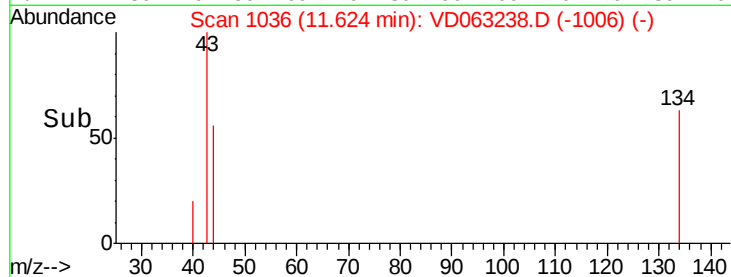
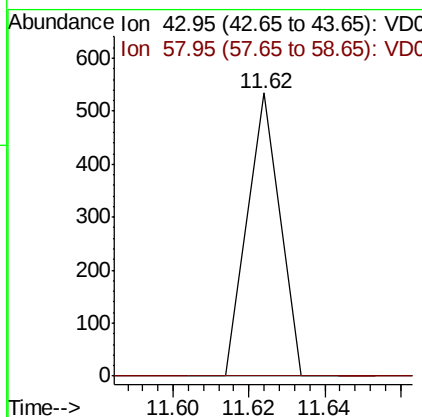
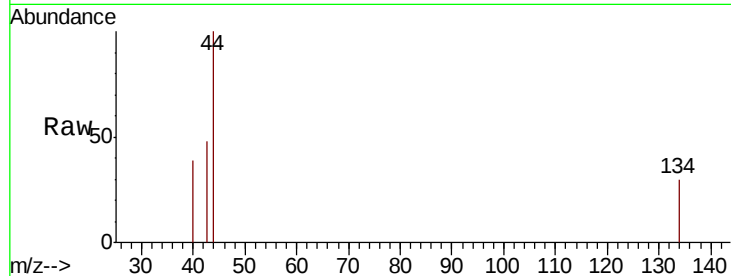




#59
2-Hexanone
Concen: 5.844 ug/l
RT: 11.62 min Scan# 1036
Delta R.T. 0.10 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

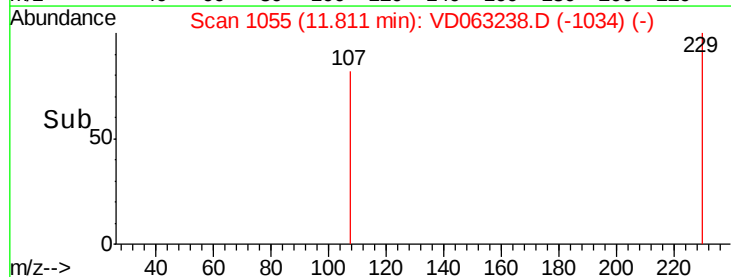
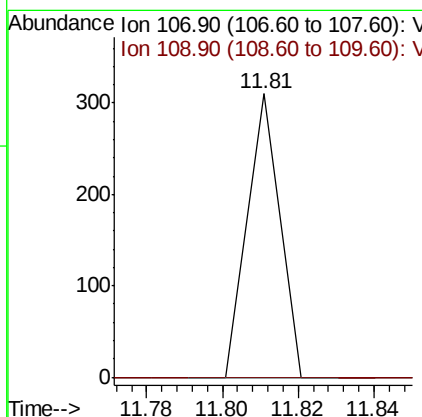
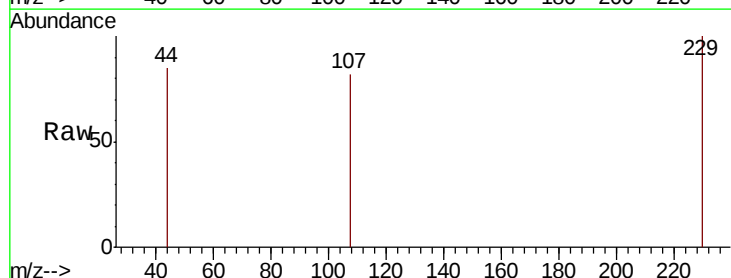
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-418-420

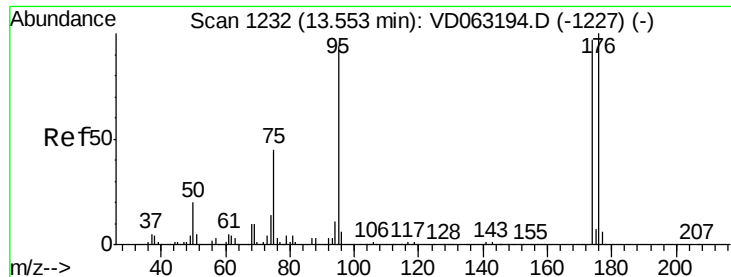
Tot Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 0.0 22.9 68.5#



#61
1,2-Dibromoethane
Concen: 1.644 ug/l
RT: 11.81 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

Tgt Ion: 107 Resp: 183
Ion Ratio Lower Upper
107 100
109 0.0 77.5 116.3#

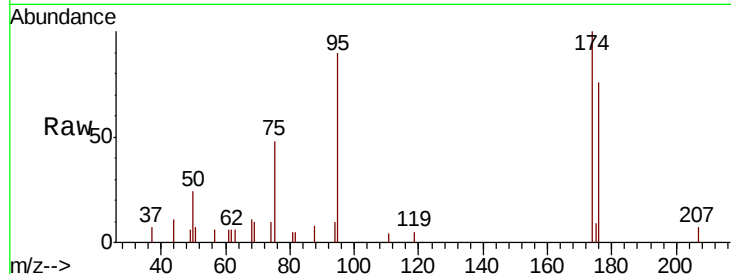




#62
4-Bromofluorobenzene
Concen: 44.323 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-418-420

Tot Ion	Ratio	Lower	Upper
95	100		
174	111.7	0.0	205.4
176	85.2	0.0	211.8

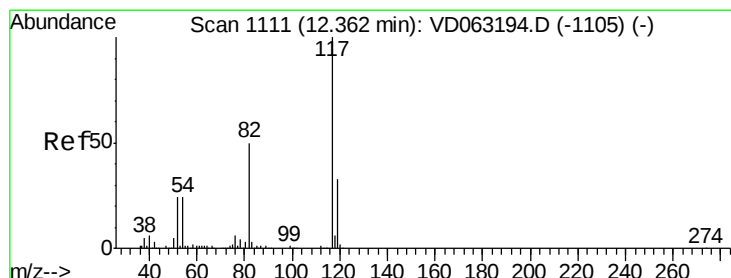
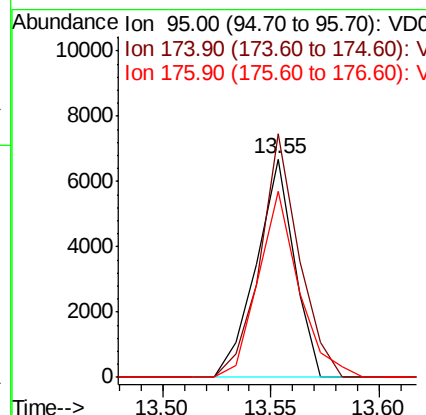
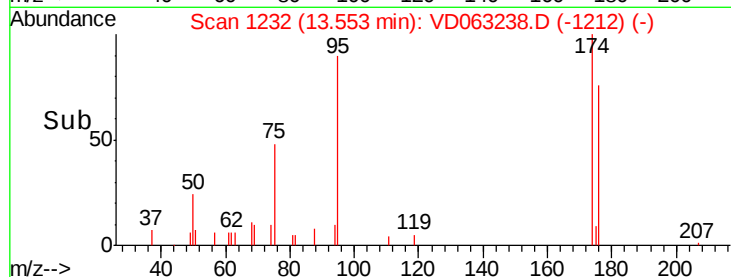


Abundance

Ion 95.00 (94.70 to 95.70): V

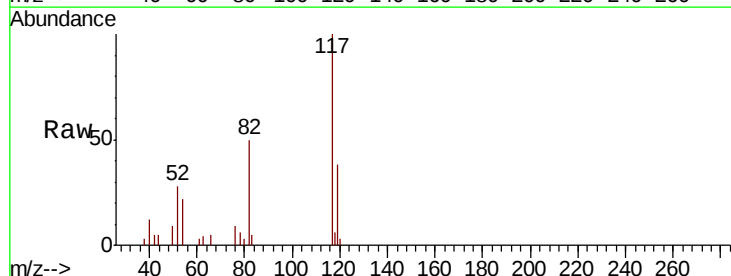
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063238.D
Acq: 30 Jul 2019 13:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.1	60.1
119	37.9	26.5	39.7

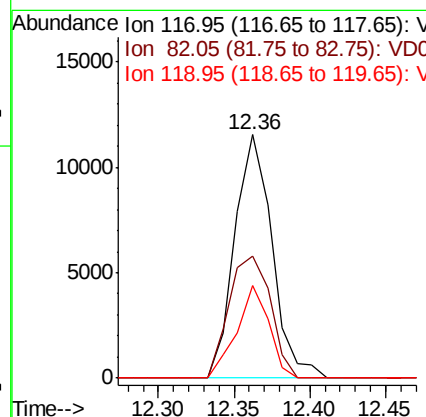
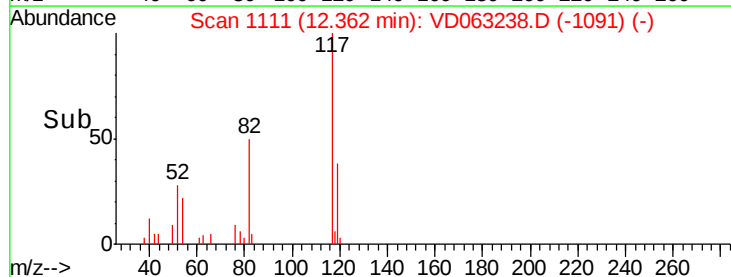


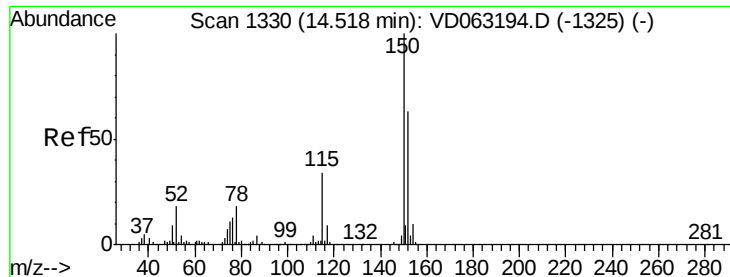
Abundance

Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420

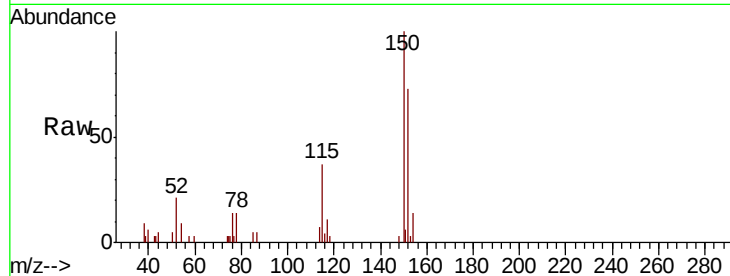
Tot Ion:152 Resp: 9738

Ion Ratio Lower Upper

152 100

115 50.8 27.5 82.4

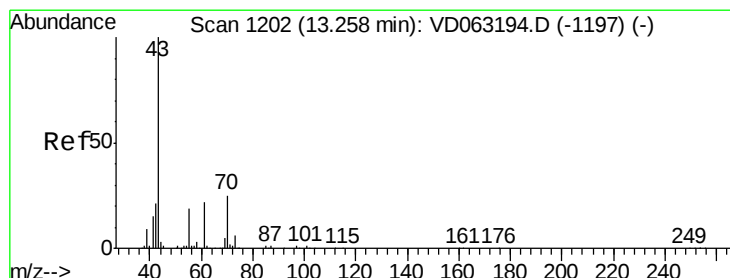
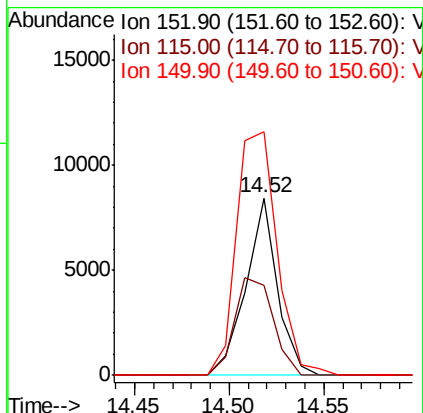
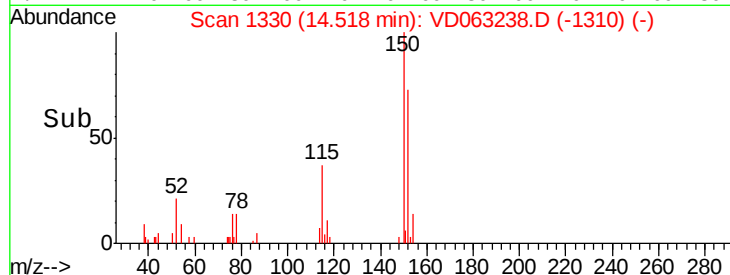
150 137.5 0.0 320.6



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



#74

N-ethyl acetate

Concen: 2.451 ug/l

RT: 13.29 min Scan# 1205

Delta R.T. 0.03 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Tgt Ion: 43 Resp: 396

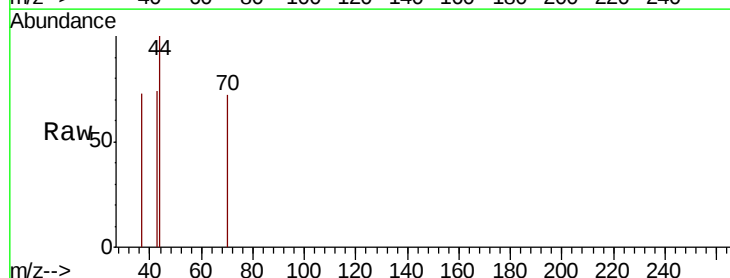
Ion Ratio Lower Upper

43 100

70 98.0 20.2 30.4#

55 0.0 14.9 22.3#

61 0.0 17.9 26.9#

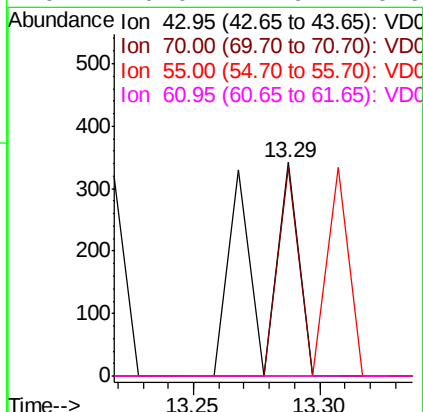
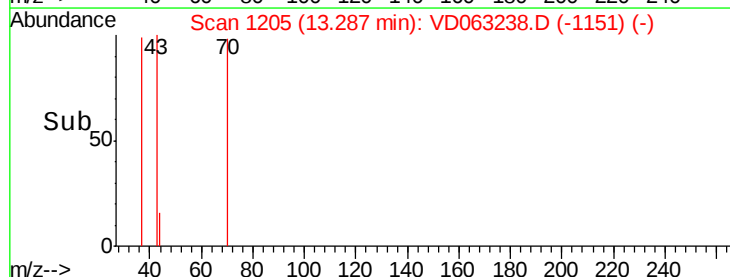


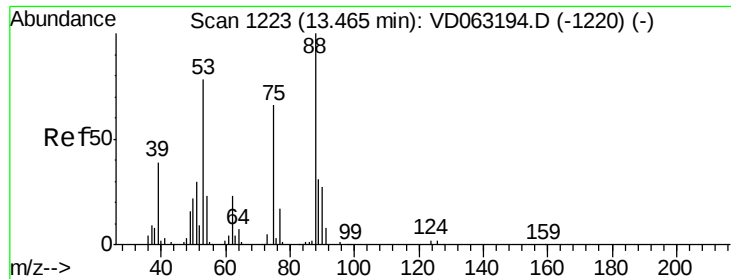
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 171.895 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420

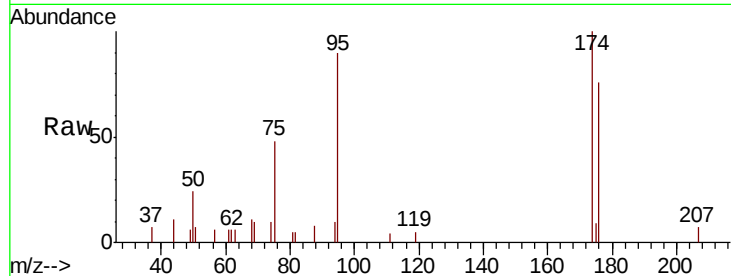
Tot Ion: 75 Resp: 5583

Ion Ratio Lower Upper

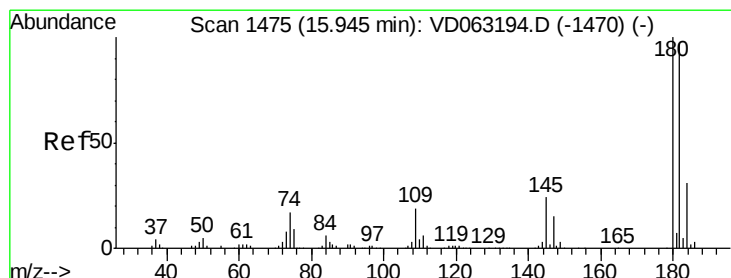
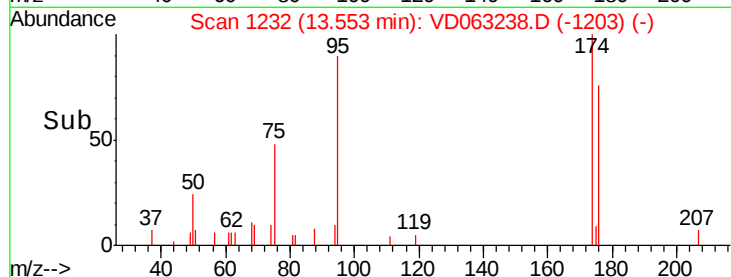
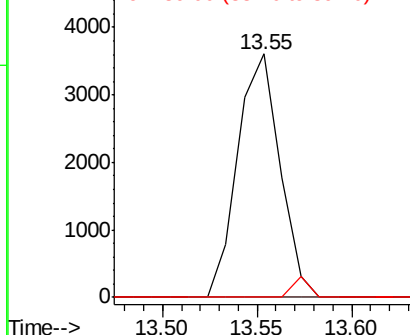
75 100

53 0.0 94.9 142.3#

89 0.0 37.4 56.0#



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



#93

1,2,4-Trichlorobenzene

Concen: 2.628 ug/l

RT: 15.94 min Scan# 1474

Delta R.T. -0.01 min

Lab File: VD063238.D

Acq: 30 Jul 2019 13:37

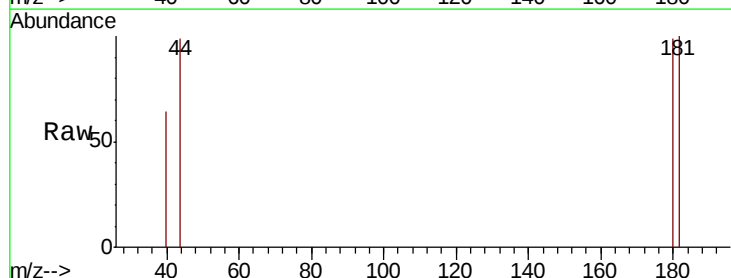
Tgt Ion:180 Resp: 560

Ion Ratio Lower Upper

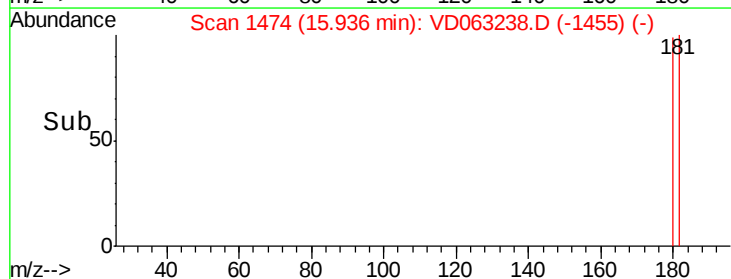
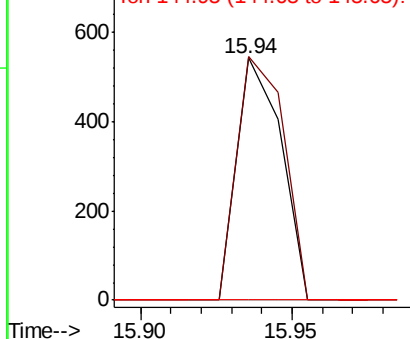
180 100

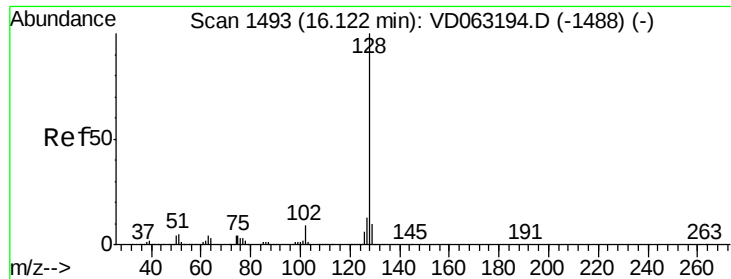
182 100.7 48.6 145.8

145 0.0 12.2 36.6#



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





#95

Naphthalene

Concen: 4.273 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD063238.D

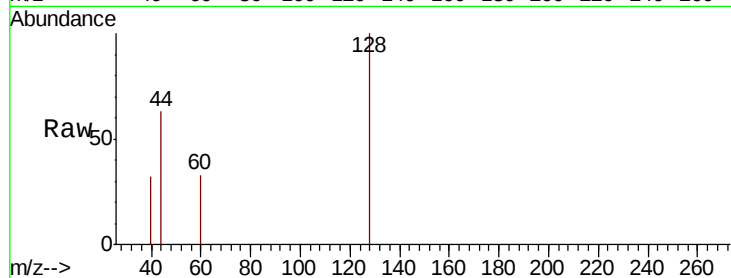
Acq: 30 Jul 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-418-420



Tot Ion:128 Resp: 1287

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 7.8 11.8#

