

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
 Data File : VD062653.D
 Acq On : 10 Jun 2019 15:06
 Operator : VA/AP
 Sample : K3265-03RE
 Misc : 5.06g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-04-2.5-3.0RE

Quant Time: Jun 11 03:56:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	7197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	7974	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	7838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	3432	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	4268	41.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	82.20%	
35) Dibromofluoromethane	6.89	113	3683	43.79	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.58%	
50) Toluene-d8	10.41	98	6488	36.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.34%	
62) 4-Bromofluorobenzene	13.56	95	2788	33.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.56%	

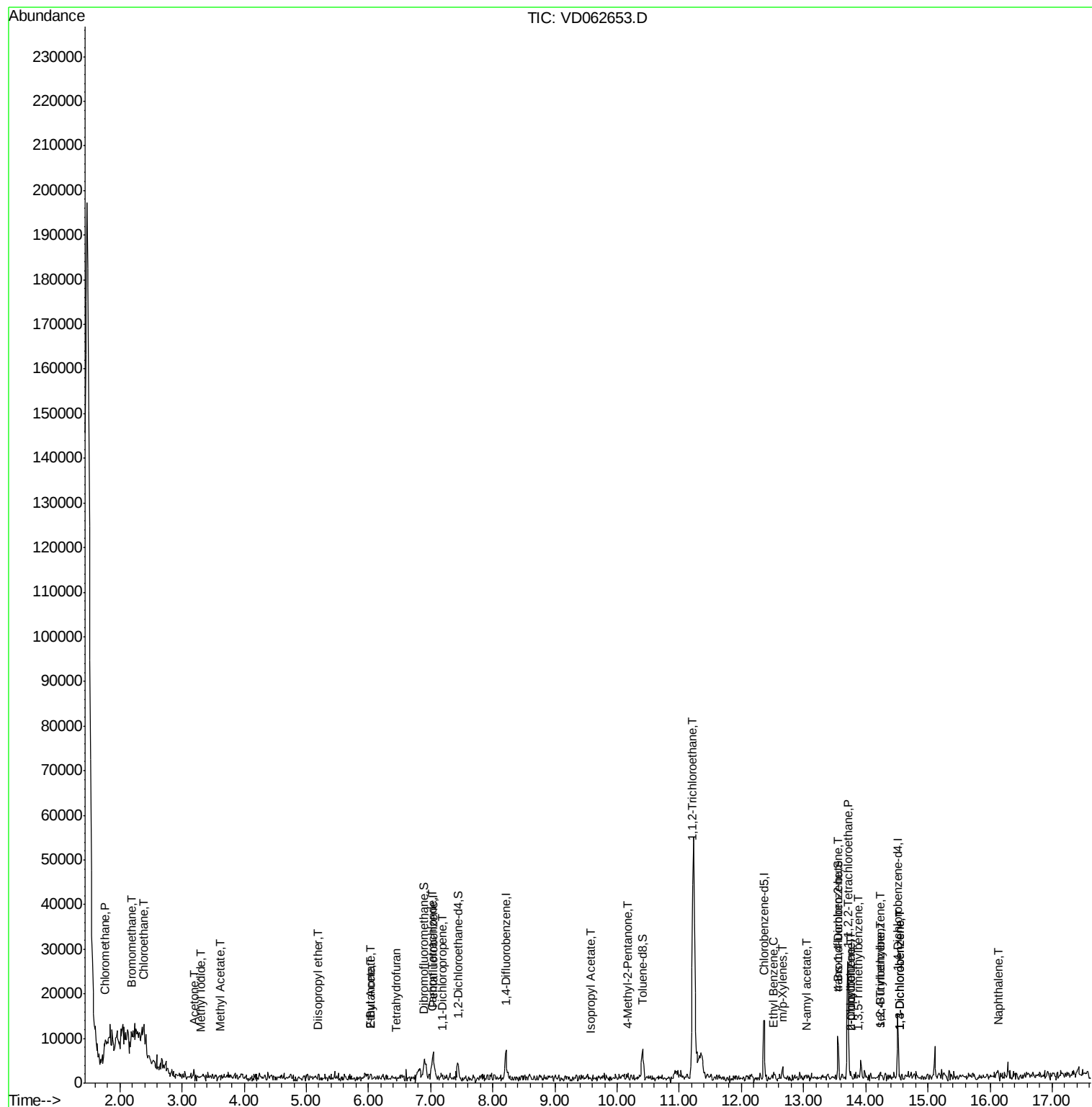
Target Compounds						Qvalue
3) Chloromethane	1.77	50	300	4.213	ug/l #	42
5) Bromomethane	2.18	94	1817	49.020	ug/l #	11
6) Chloroethane	2.40	64	291	8.027	ug/l #	47
10) Methyl Iodide	3.30	142	432	7.097	ug/l #	24
16) Acetone	3.19	43	295	15.512	ug/l #	66
18) Methyl Acetate	3.62	43	193	6.175	ug/l #	64
22) Diisopropyl ether	5.19	45	307	1.512	ug/l #	83
25) 2-Butanone	6.04	43	258	13.906	ug/l #	61
29) Tetrahydrofuran	6.44	42	182	21.784	ug/l #	33
36) 1,1-Dichloropropene	7.19	75	204	2.235	ug/l #	44
37) Ethyl Acetate	6.04	43	258	7.672	ug/l #	74
38) Carbon Tetrachloride	7.02	117	814	5.643	ug/l #	14
43) Isopropyl Acetate	9.57	43	212	4.403	ug/l #	52
51) 4-Methyl-2-Pentanone	10.17	43	217	6.440	ug/l #	42
55) 1,1,2-Trichloroethane	11.21	97	265	6.450	ug/l #	17
67) Ethyl Benzene	12.52	91	1524	4.958	ug/l #	25
68) m/p-Xylenes	12.66	106	663	6.135	ug/l #	42
74) N-amyl acetate	13.05	43	184	2.814	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	13.73	83	192	4.639	ug/l #	27
78) n-propylbenzene	13.78	91	556	1.878	ug/l #	57
79) 2-Chlorotoluene	13.78	91	556	3.207	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.87	105	244	1.141	ug/l #	32
81) trans-1,4-Dichloro-2-buten	13.55	75	869	61.960	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.24	105	1022	4.828	ug/l #	26
85) sec-Butylbenzene	14.24	105	1022	4.133	ug/l #	60
87) 1,3-Dichlorobenzene	14.54	146	178	1.421	ug/l #	25
88) 1,4-Dichlorobenzene	14.54	146	178	1.504	ug/l #	25
95) Naphthalene	16.13	128	1419	14.058	ug/l #	71

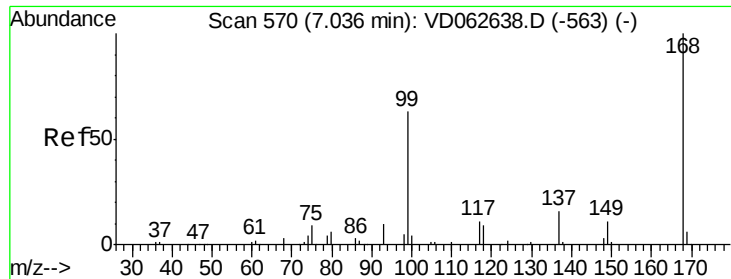
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

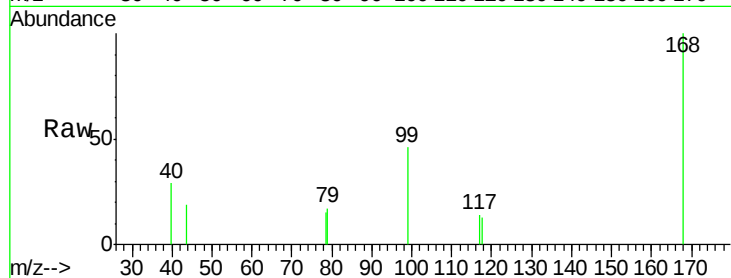
B-04-2.5-3.0RE

Tgt Ion:168 Resp: 7197

Ion Ratio Lower Upper

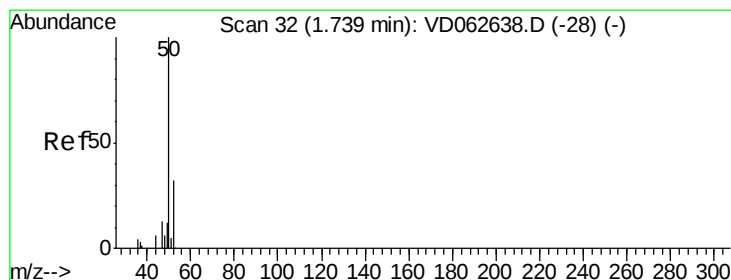
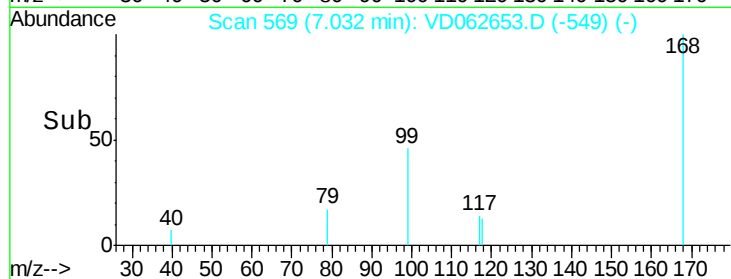
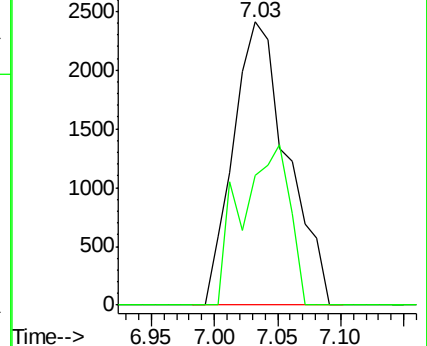
168 100

99 45.7 51.4 77.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 4.213 ug/l

RT: 1.77 min Scan# 34

Delta R.T. 0.03 min

Lab File: VD062653.D

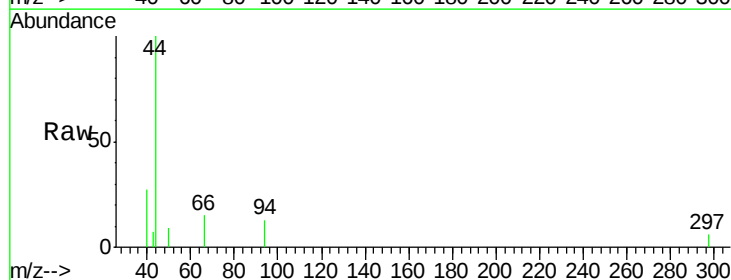
Acq: 10 Jun 2019 15:06

Tgt Ion: 50 Resp: 300

Ion Ratio Lower Upper

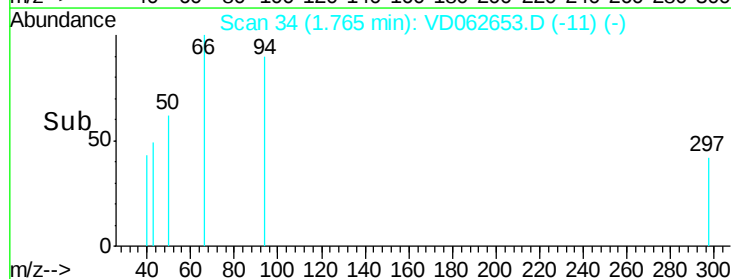
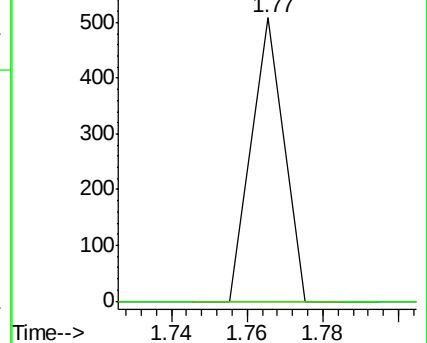
50 100

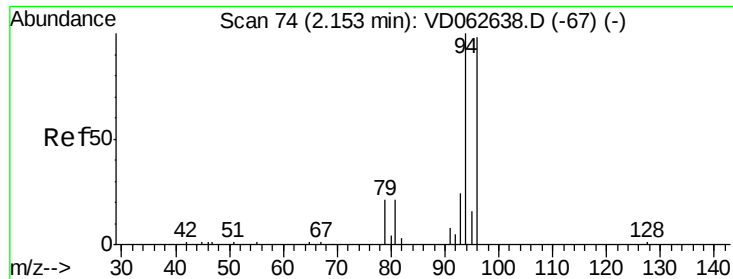
52 0.0 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 49.020 ug/l

RT: 2.18 min Scan# 76

Delta R.T. 0.03 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

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ClientSampleId :

B-04-2.5-3.0RE

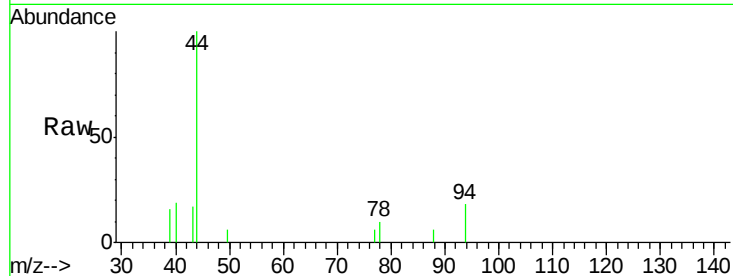
Tgt Ion: 94 Resp: 1817

Ion Ratio Lower Upper

94 100

96 0.0 78.1 117.1#

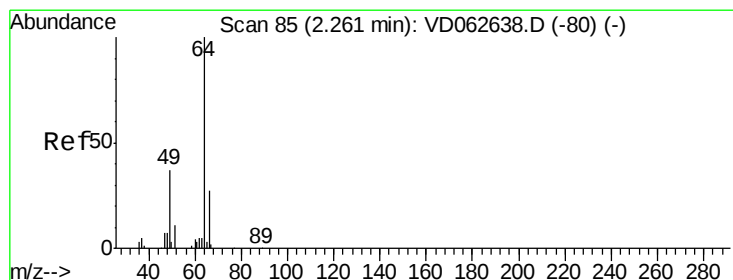
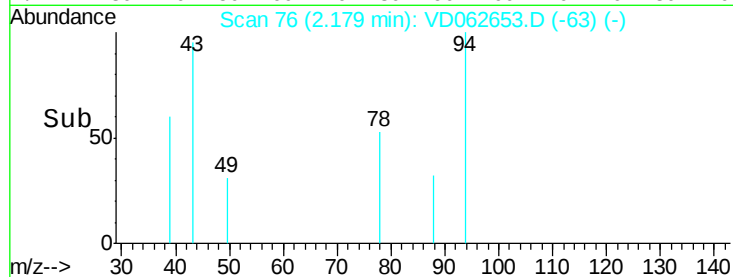
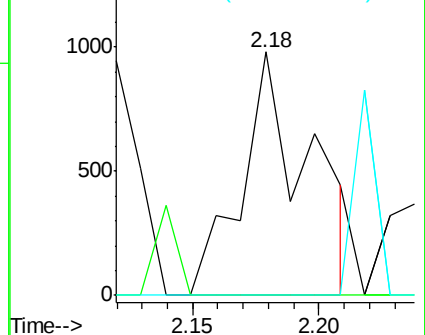
93 0.0 19.6 29.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 8.027 ug/l

RT: 2.40 min Scan# 98

Delta R.T. 0.13 min

Lab File: VD062653.D

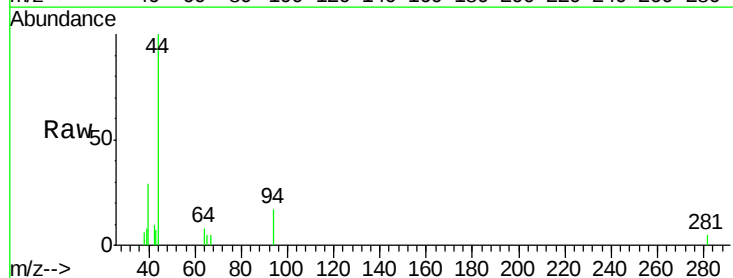
Acq: 10 Jun 2019 15:06

Tgt Ion: 64 Resp: 291

Ion Ratio Lower Upper

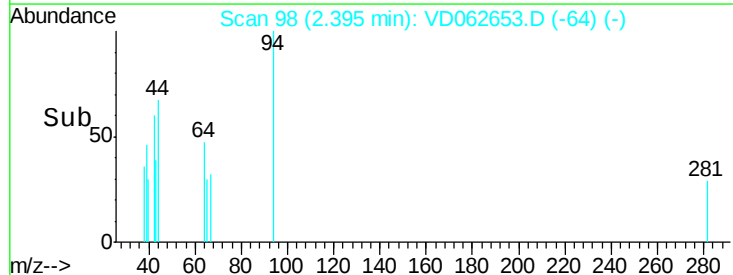
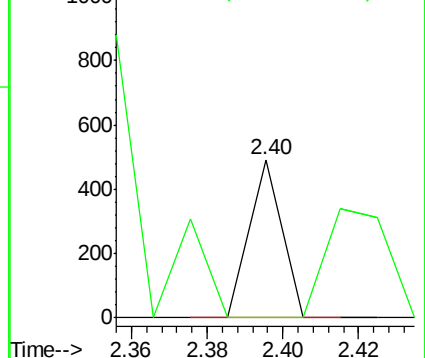
64 100

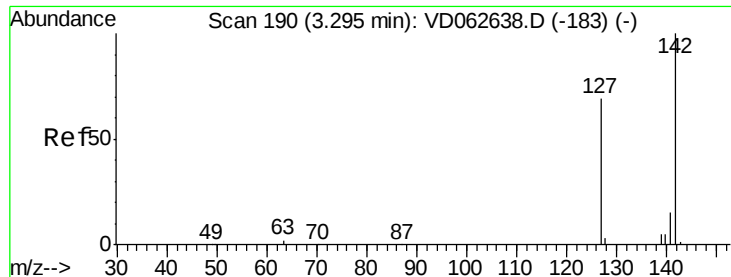
66 0.0 21.9 32.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

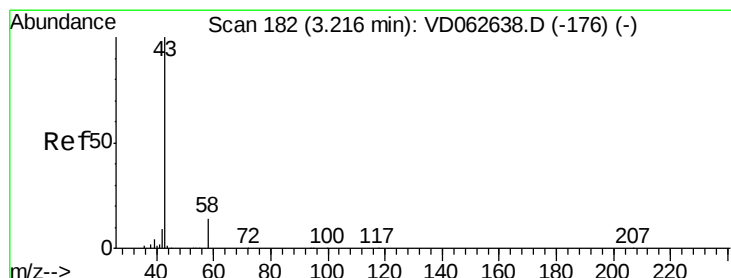
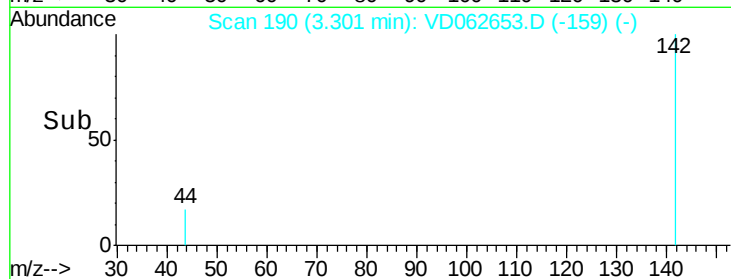
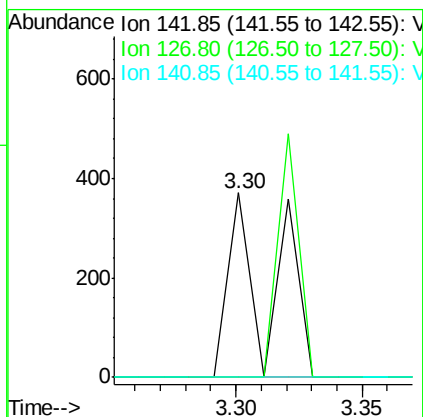
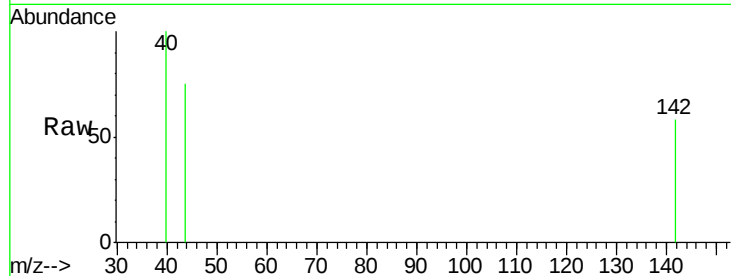




#10
Methyl Iodide
Concen: 7.097 ug/l
RT: 3.30 min Scan# 190
Delta R.T. 0.01 min
Lab File: VD062653.D
Acq: 10 Jun 2019 15:06

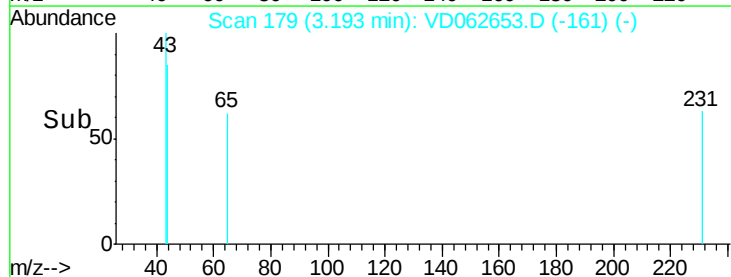
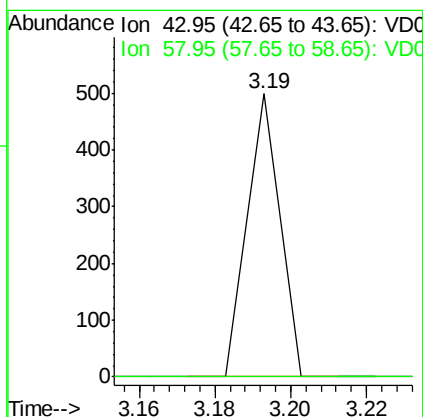
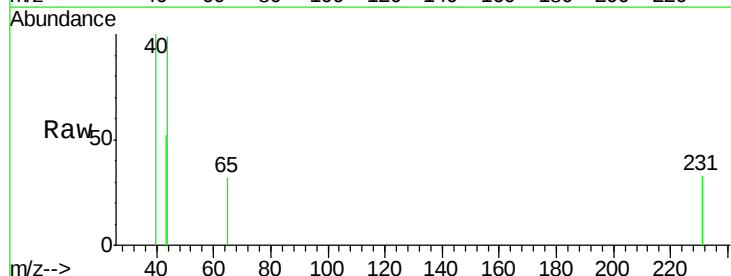
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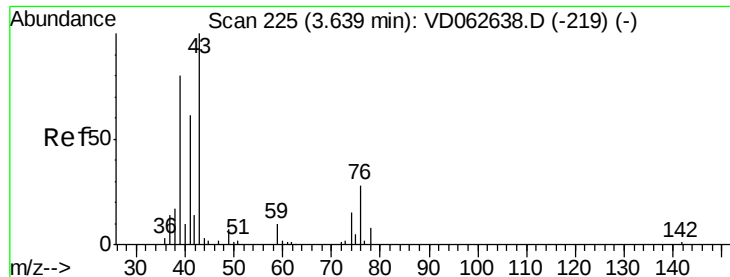
Tgt Ion: 142 Resp: 432
Ion Ratio Lower Upper
142 100
127 0.0 55.2 82.8#
141 0.0 12.1 18.1#



#16
Acetone
Concen: 15.512 ug/l
RT: 3.19 min Scan# 179
Delta R.T. -0.02 min
Lab File: VD062653.D
Acq: 10 Jun 2019 15:06

Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
58 0.0 10.8 16.2#

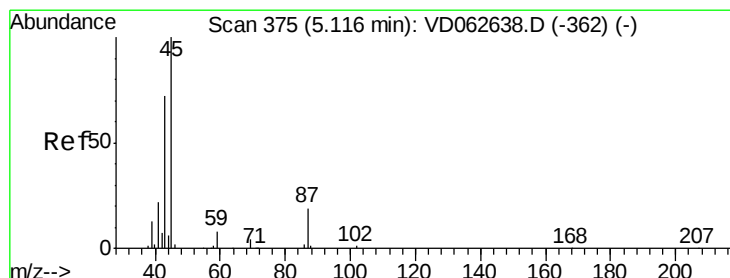
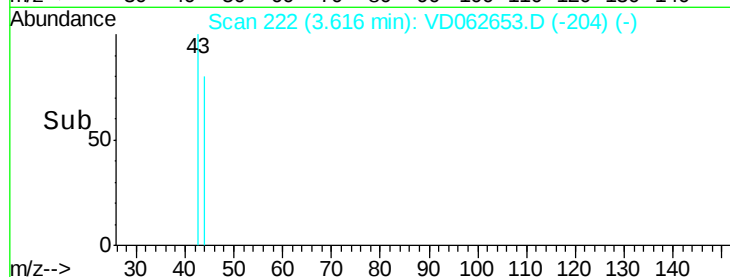
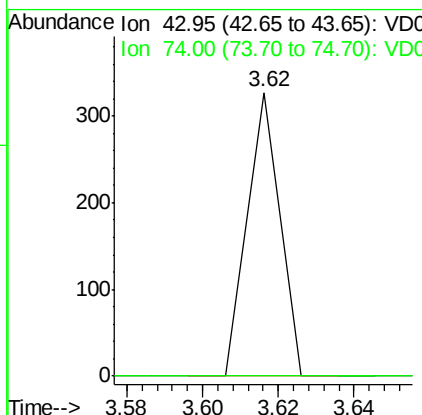
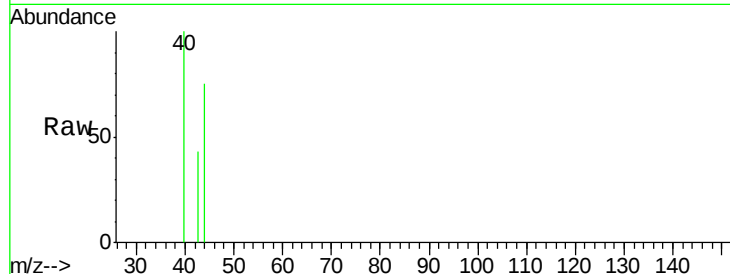




#18
Methyl Acetate
Concen: 6.175 ug/l
RT: 3.62 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD062653.D
Acq: 10 Jun 2019 15:06

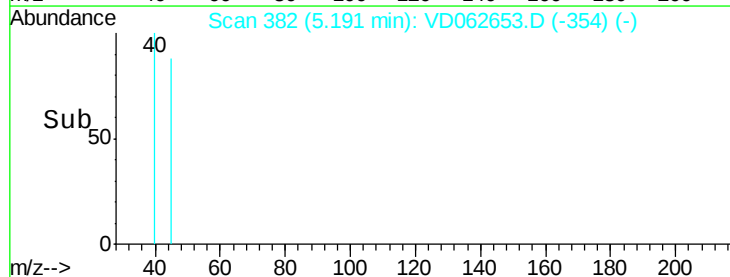
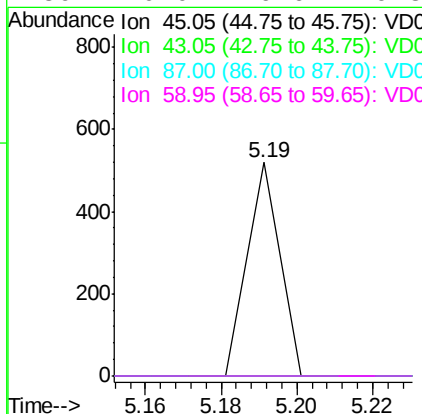
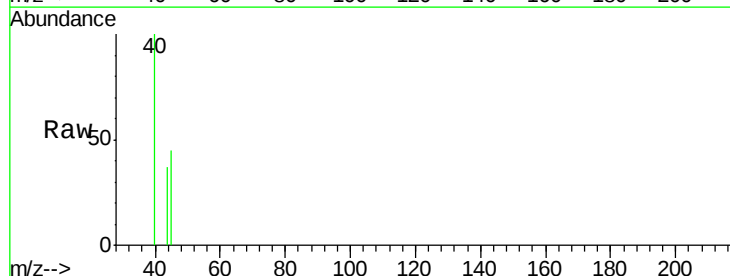
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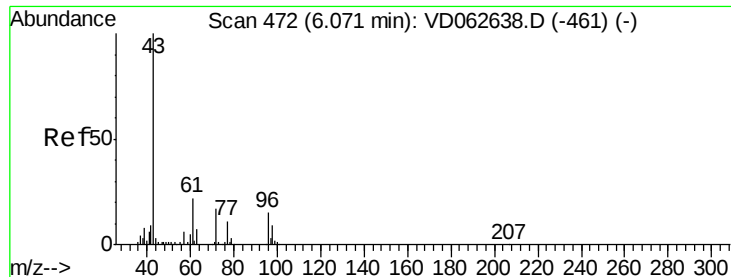
Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
74 0.0 12.1 18.1#



#22
Diisopropyl ether
Concen: 1.512 ug/l
RT: 5.19 min Scan# 382
Delta R.T. 0.08 min
Lab File: VD062653.D
Acq: 10 Jun 2019 15:06

Tgt Ion: 45 Resp: 307
Ion Ratio Lower Upper
45 100
43 81.9 58.8 88.2
87 0.0 15.7 23.5#
59 0.0 6.6 9.8#





#25

2-Butanone

Concen: 13.906 ug/l

RT: 6.04 min Scan# 468

Delta R.T. -0.03 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

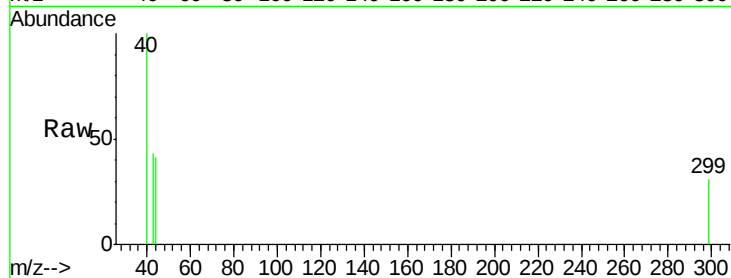
B-04-2.5-3.0RE

Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

43 100

72 0.0 13.5 20.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.04

400

300

200

100

0

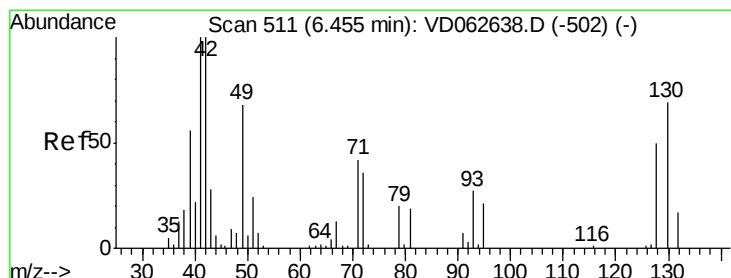
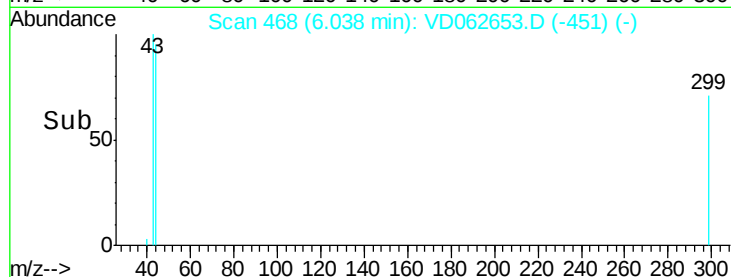
6.00

6.02

6.04

6.06

Time-->



#29

Tetrahydrofuran

Concen: 21.784 ug/l

RT: 6.44 min Scan# 509

Delta R.T. -0.01 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

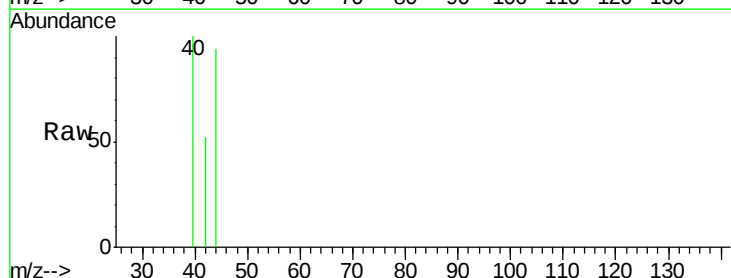
Tgt Ion: 42 Resp: 182

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

71 0.0 34.2 51.4#



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

6.44

400

300

200

100

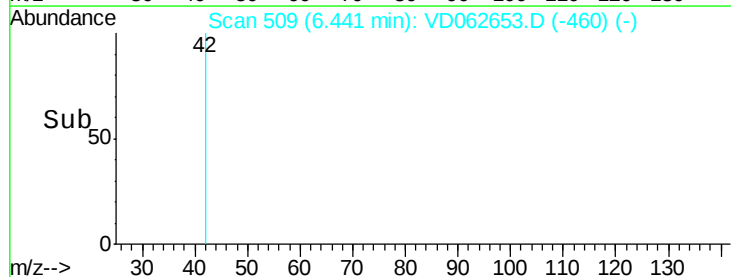
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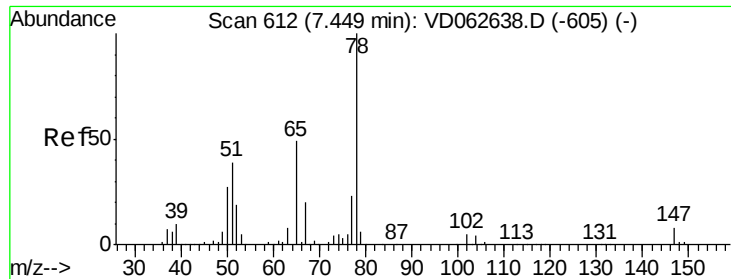
6.42

6.44

6.46

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.097 ug/l

RT: 7.44 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

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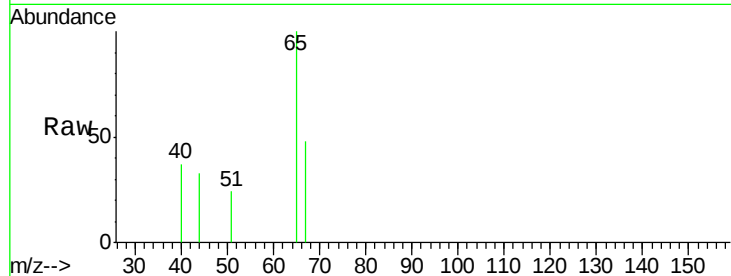
B-04-2.5-3.0RE

Tgt Ion: 65 Resp: 4268

Ion Ratio Lower Upper

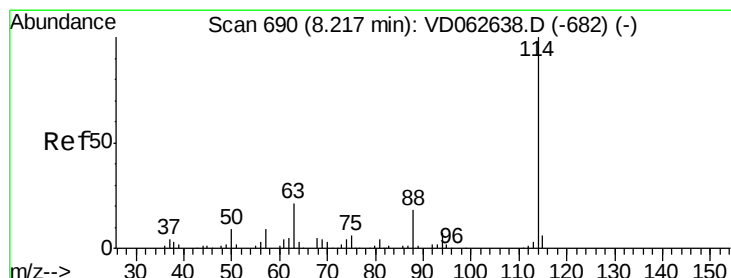
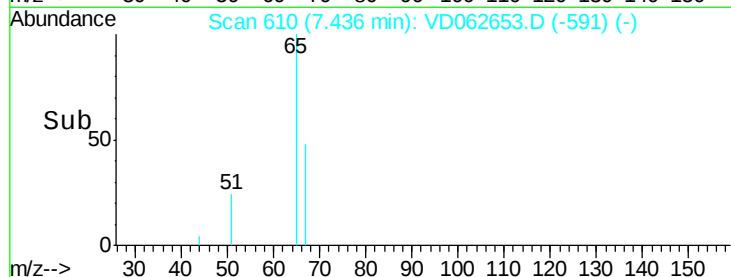
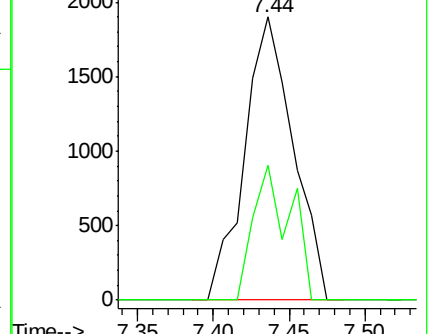
65 100

67 47.8 0.0 81.8



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: VD062653.D

Acq: 10 Jun 2019 15:06

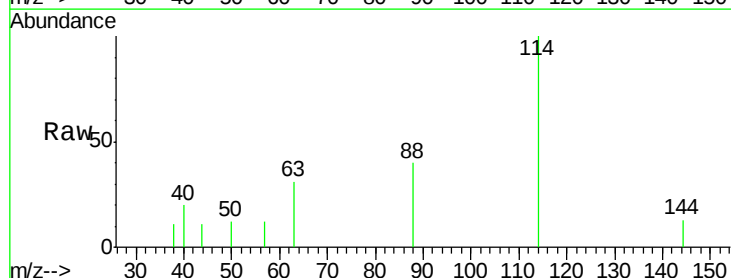
Tgt Ion: 114 Resp: 7974

Ion Ratio Lower Upper

114 100

63 31.0 0.0 42.4

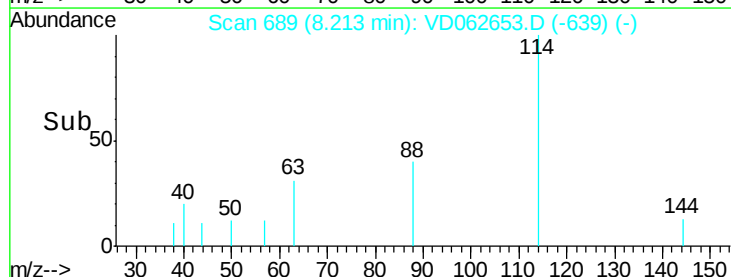
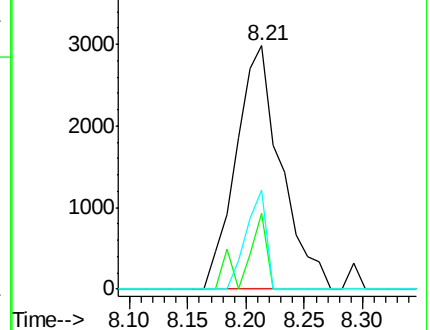
88 40.4 0.0 36.8#

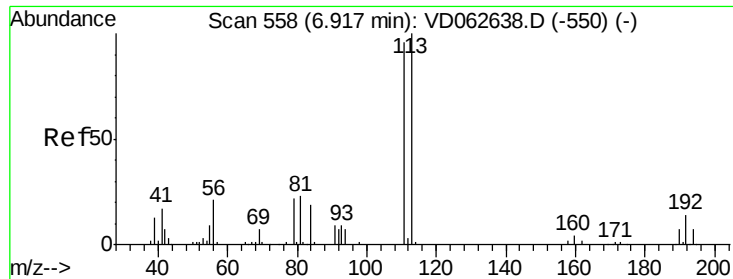


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 43.795 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.02 min

Lab File: VD062653.D

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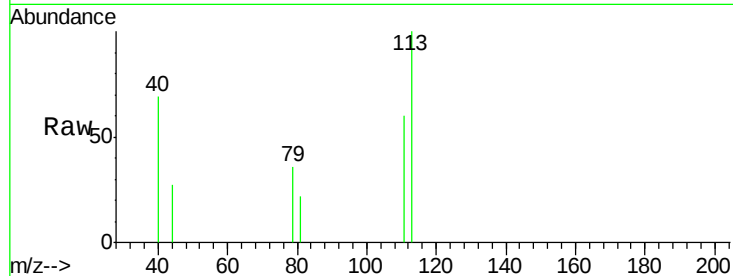
Tgt Ion: 113 Resp: 3683

Ion Ratio Lower Upper

113 100

111 60.2 76.4 114.6#

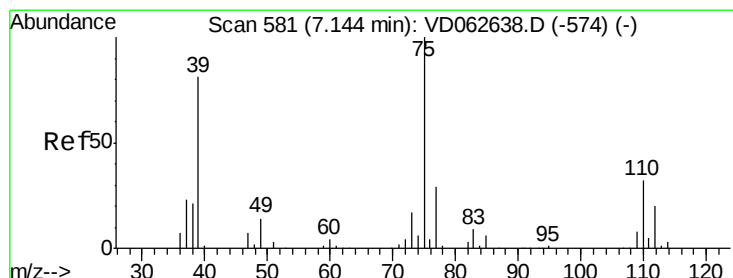
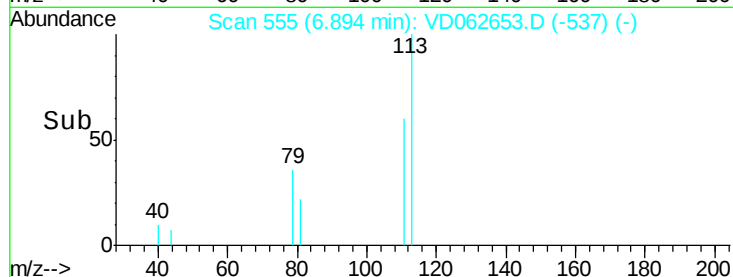
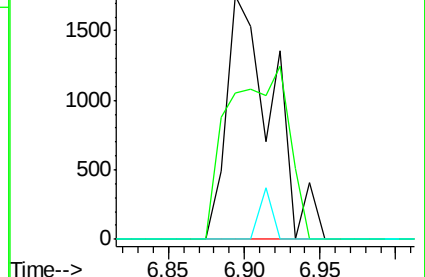
192 0.0 11.4 17.0#



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: 2.235 ug/l

RT: 7.19 min Scan# 585

Delta R.T. 0.05 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

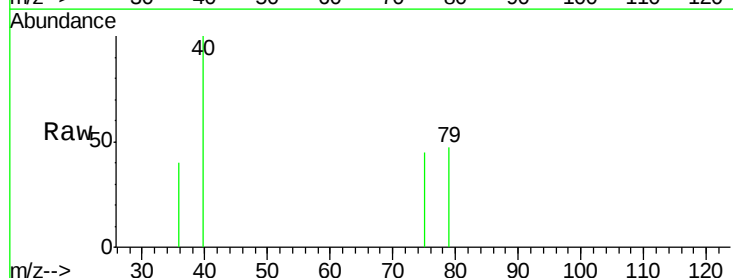
Tgt Ion: 75 Resp: 204

Ion Ratio Lower Upper

75 100

110 0.0 15.9 47.7#

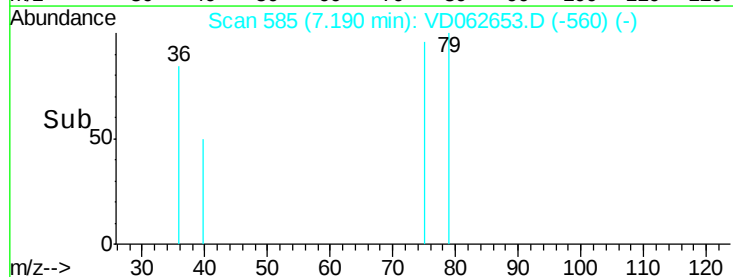
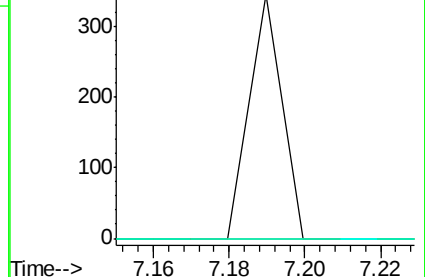
77 0.0 23.3 34.9#

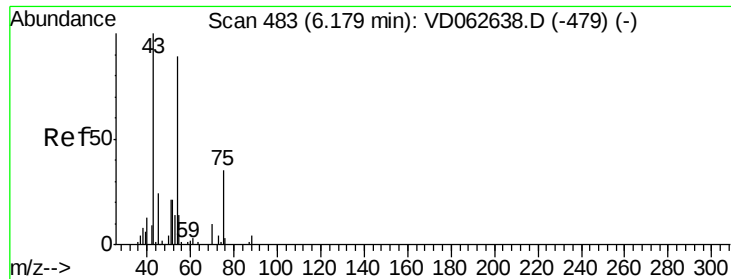


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

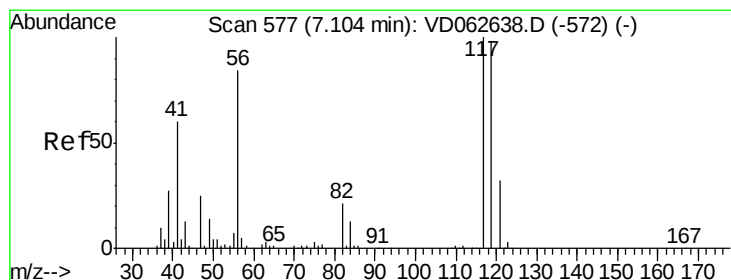
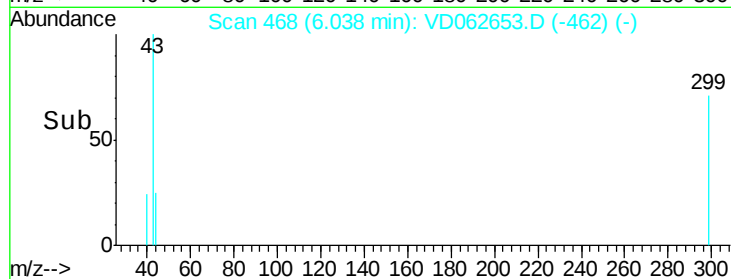
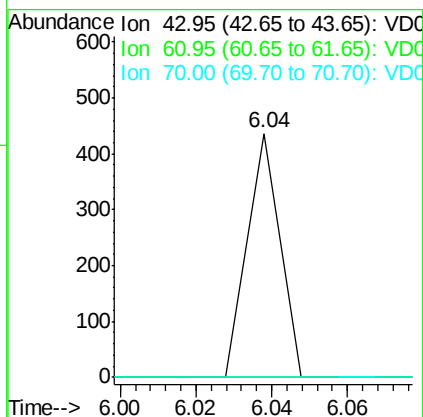
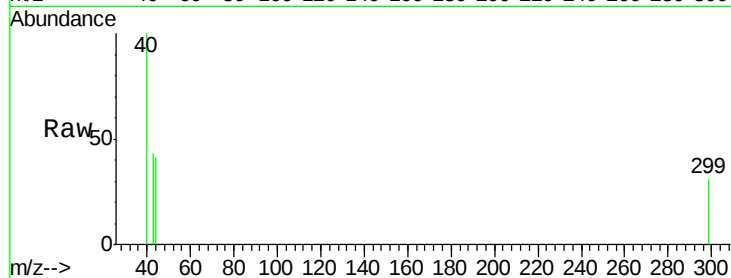




#37
 Ethyl Acetate
 Concen: 7.672 ug/l
 RT: 6.04 min Scan# 468
 Delta R.T. -0.14 min
 Lab File: VD062653.D
 Acq: 10 Jun 2019 15:06

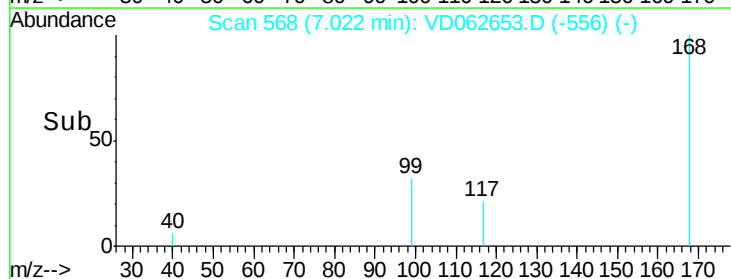
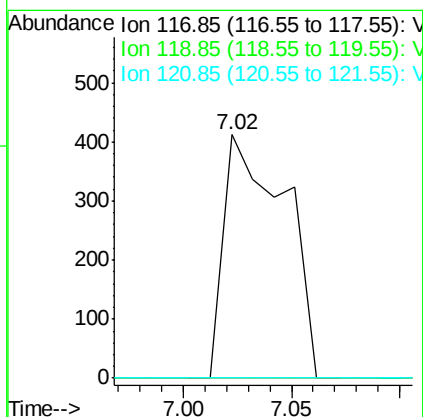
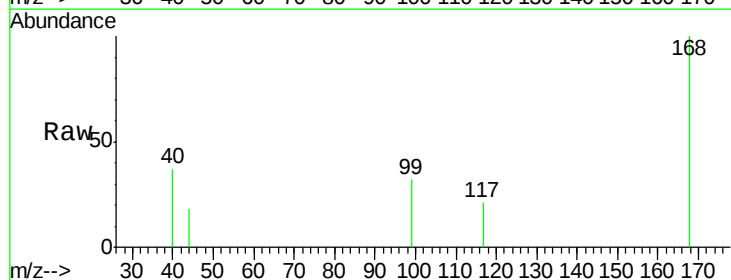
Instrument :
 MSVOA_D
 ClientSampleId :
 B-04-2.5-3.0RE

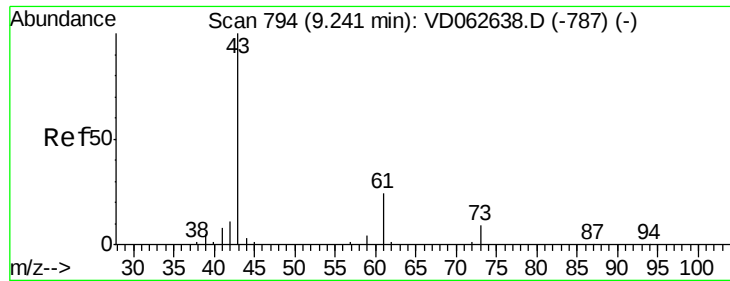
Tgt Ion: 43 Resp: 258
 Ion Ratio Lower Upper
 43 100
 61 0.0 8.7 13.1#
 70 0.0 6.5 9.7#



#38
 Carbon Tetrachloride
 Concen: 5.643 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.08 min
 Lab File: VD062653.D
 Acq: 10 Jun 2019 15:06

Tgt Ion: 117 Resp: 814
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.5 110.3#
 121 0.0 24.2 36.4#





#43

Isopropyl Acetate

Concen: 4.403 ug/l

RT: 9.57 min Scan# 827

Delta R.T. 0.33 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

B-04-2.5-3.0RE

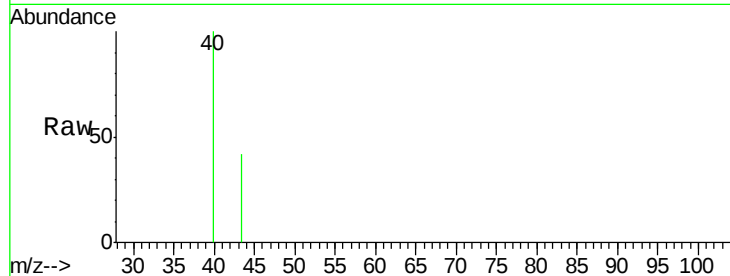
Tgt Ion: 43 Resp: 212

Ion Ratio Lower Upper

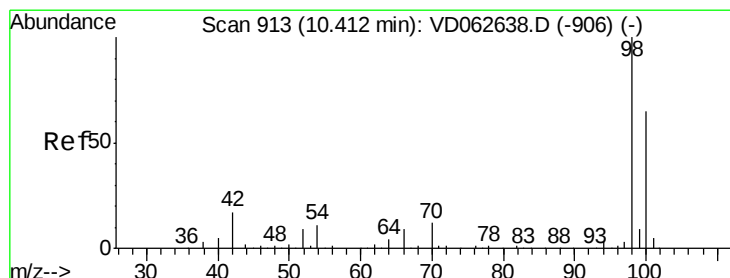
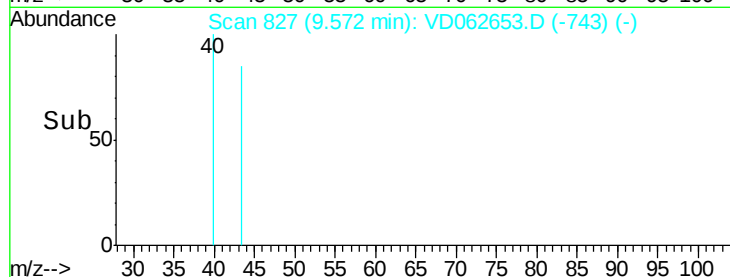
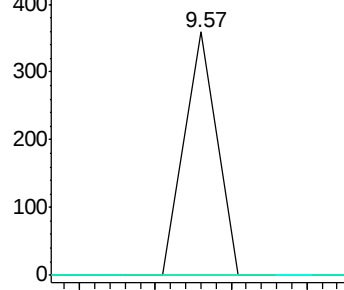
43 100

61 0.0 19.0 28.6#

87 0.0 0.3 0.5#



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



#50

Toluene-d8

Concen: 36.674 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD062653.D

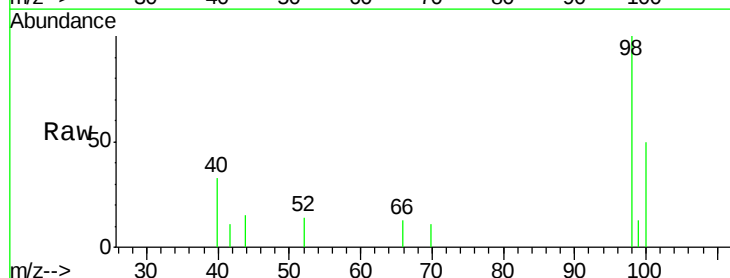
Acq: 10 Jun 2019 15:06

Tgt Ion: 98 Resp: 6488

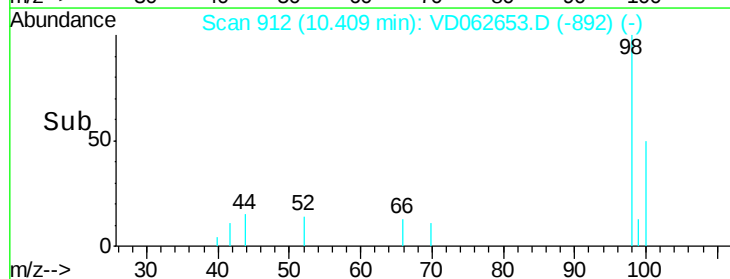
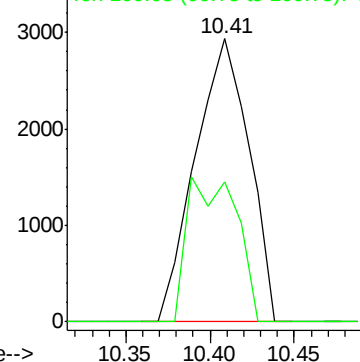
Ion Ratio Lower Upper

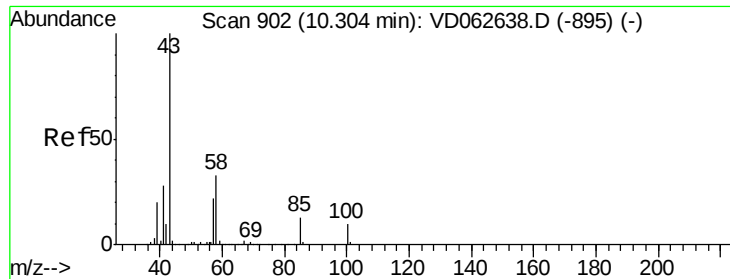
98 100

100 49.6 52.1 78.1#



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





#51

4-Methyl-2-Pentanone

Concen: 6.440 ug/l

RT: 10.17 min Scan# 888

Delta R.T. -0.13 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

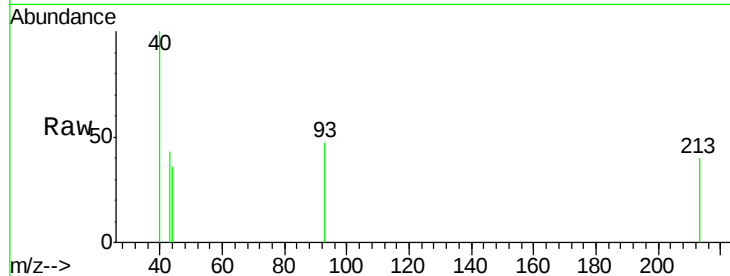
B-04-2.5-3.0RE

Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

58 0.0 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.17

400

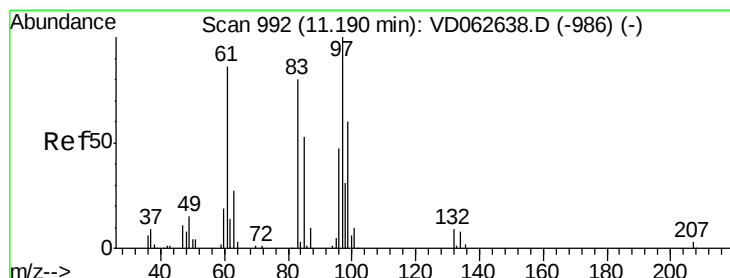
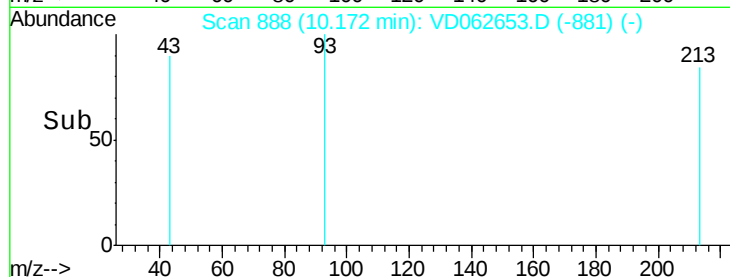
300

200

100

0

Time--> 10.14 10.16 10.18 10.20



#55

1,1,2-Trichloroethane

Concen: 6.450 ug/l

RT: 11.21 min Scan# 993

Delta R.T. 0.02 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Tgt Ion: 97 Resp: 265

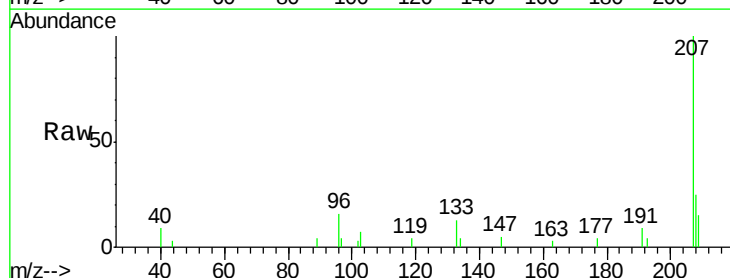
Ion Ratio Lower Upper

97 100

83 0.0 63.8 95.8#

85 0.0 42.3 63.5#

99 0.0 48.0 72.0#



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

800

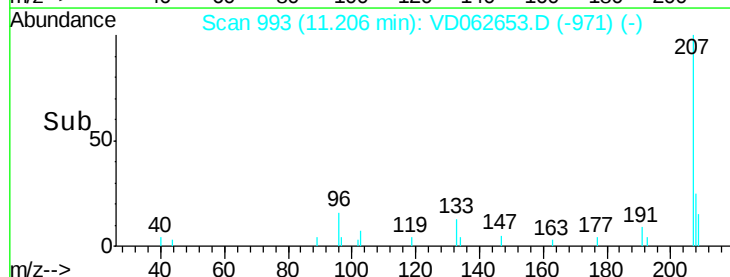
600

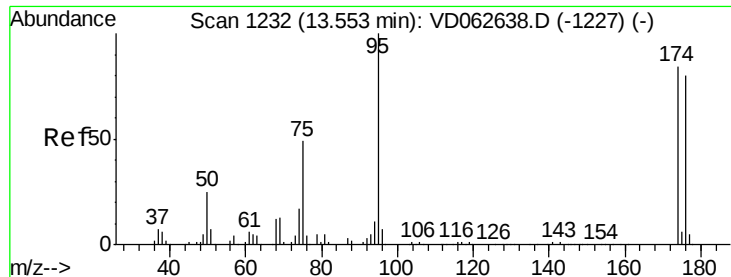
400

200

0

Time--> 11.18 11.20 11.22





#62

4-Bromofluorobenzene

Concen: 33.780 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

B-04-2.5-3.0RE

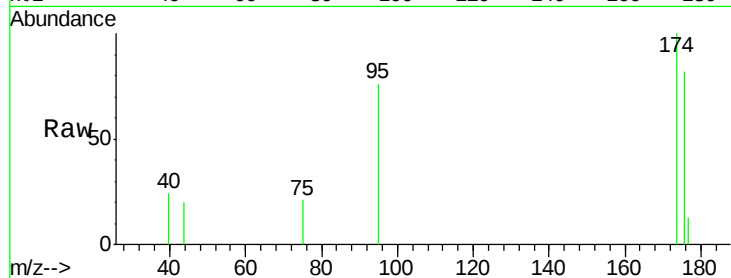
Tgt Ion: 95 Resp: 2788

Ion Ratio Lower Upper

95 100

174 131.0 0.0 167.0

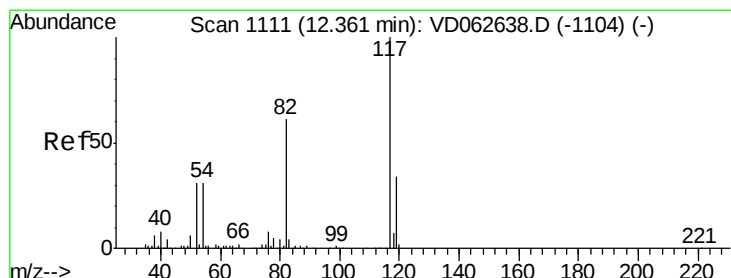
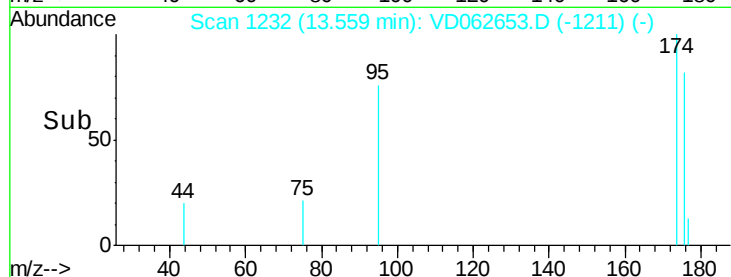
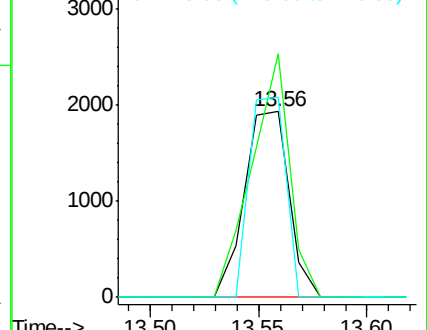
176 107.4 0.0 159.2



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# 1110

Delta R.T. -0.00 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

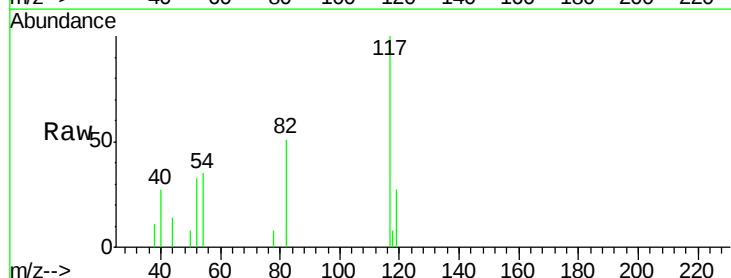
Tgt Ion: 117 Resp: 7838

Ion Ratio Lower Upper

117 100

82 46.9 48.7 73.1#

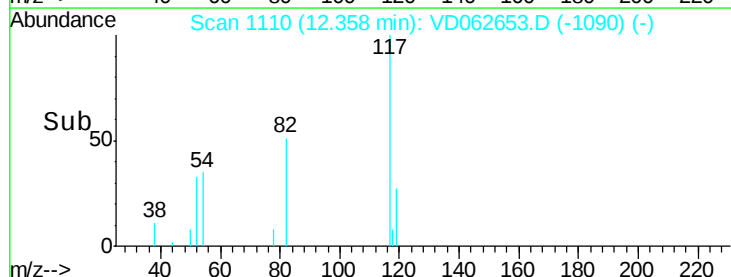
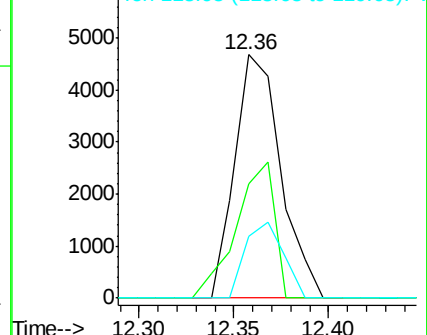
119 25.3 27.0 40.6#

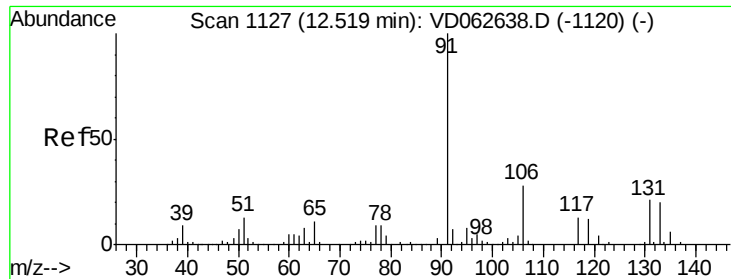


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

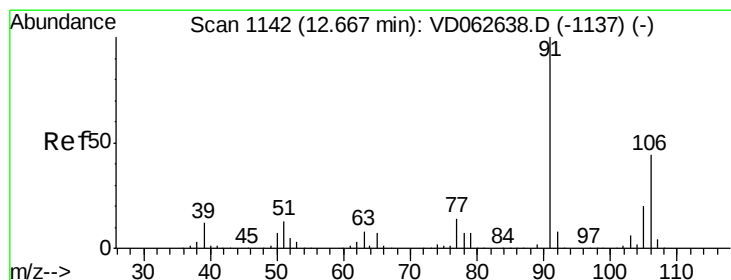
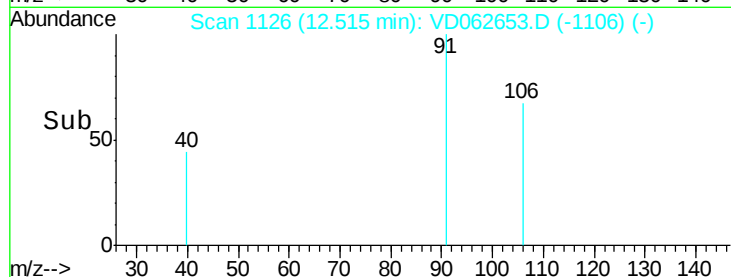
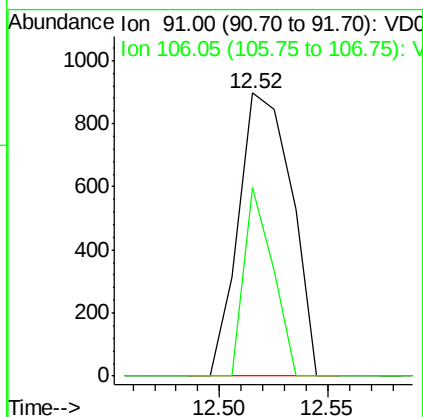
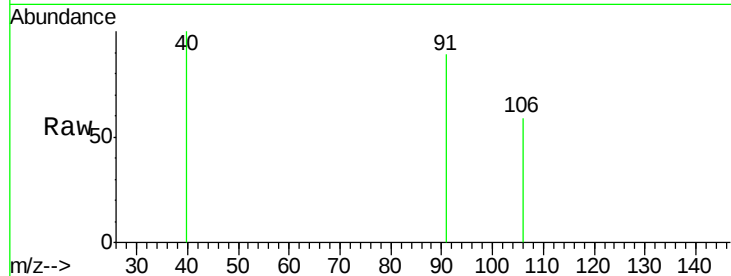




#67
Ethyl Benzene
Concen: 4.958 ug/l
RT: 12.52 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD062653.D
Acq: 10 Jun 2019 15:06

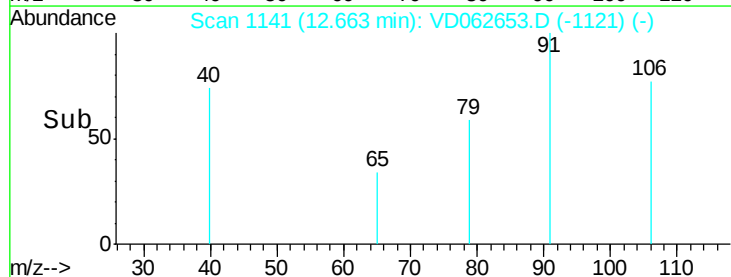
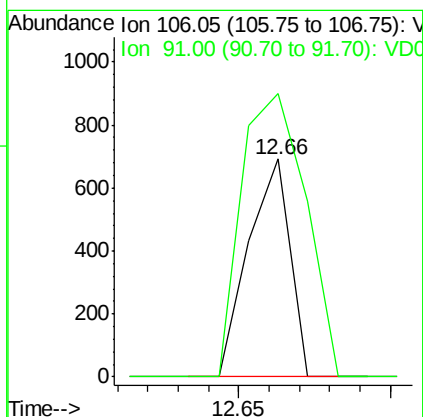
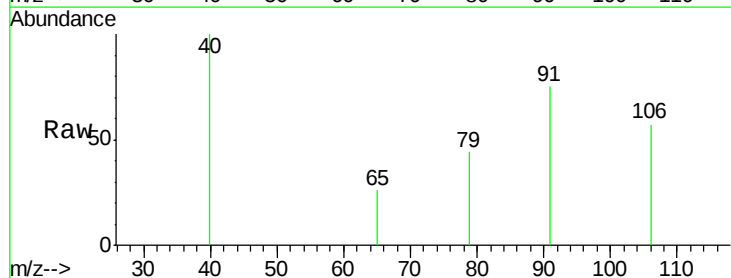
Instrument :
MSVOA_D
ClientSampleId :
B-04-2.5-3.0RE

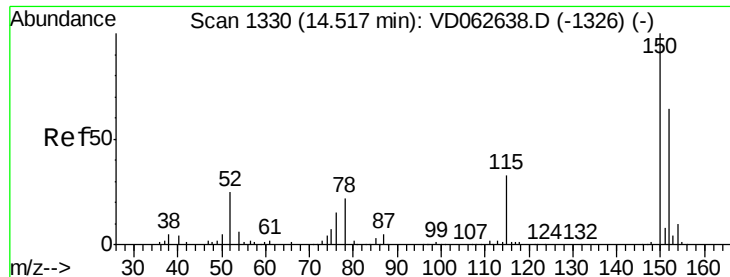
Tgt Ion: 91 Resp: 1524
Ion Ratio Lower Upper
91 100
106 66.8 22.1 33.1#



#68
m/p-Xylenes
Concen: 6.135 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VD062653.D
Acq: 10 Jun 2019 15:06

Tgt Ion: 106 Resp: 663
Ion Ratio Lower Upper
106 100
91 129.9 180.2 270.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

B-04-2.5-3.0RE

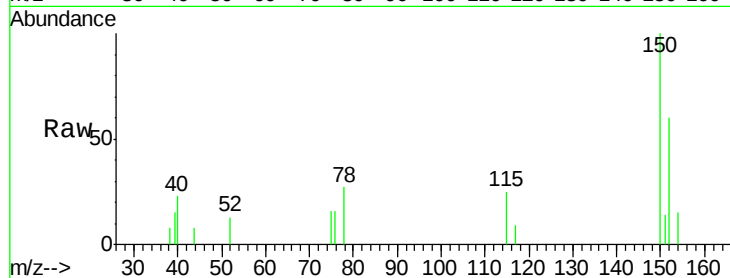
Tgt Ion:152 Resp: 3432

Ion Ratio Lower Upper

152 100

115 42.2 30.1 90.5

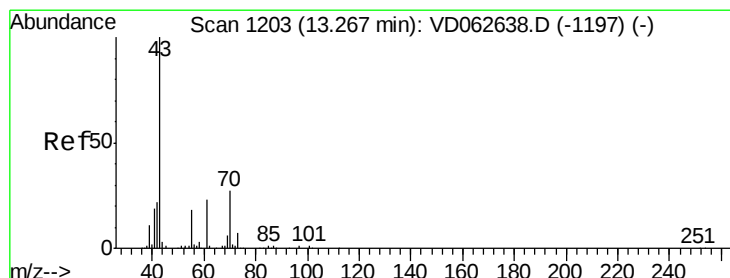
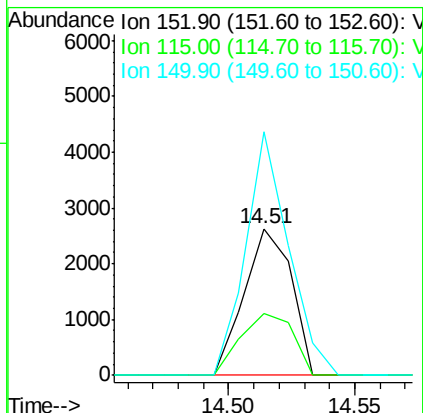
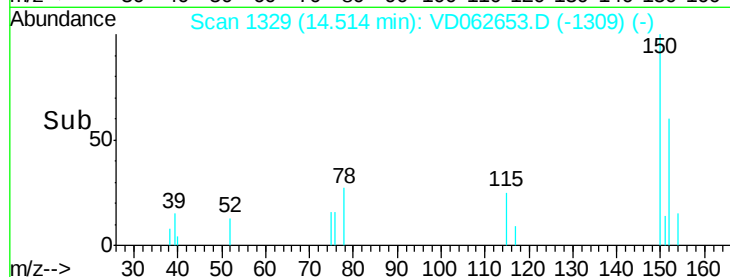
150 165.8 0.0 314.0



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: 2.814 ug/l

RT: 13.05 min Scan# 1180

Delta R.T. -0.22 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Tgt Ion: 43 Resp: 184

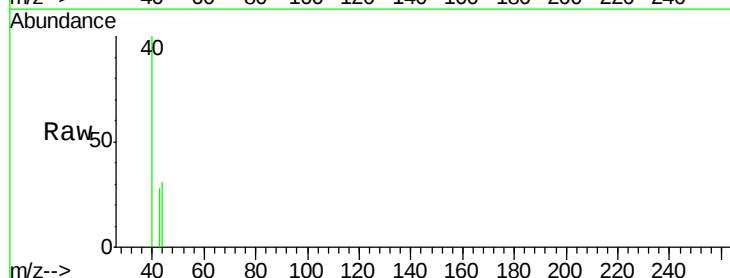
Ion Ratio Lower Upper

43 100

70 0.0 21.8 32.8#

55 0.0 14.6 21.8#

61 0.0 18.4 27.6#

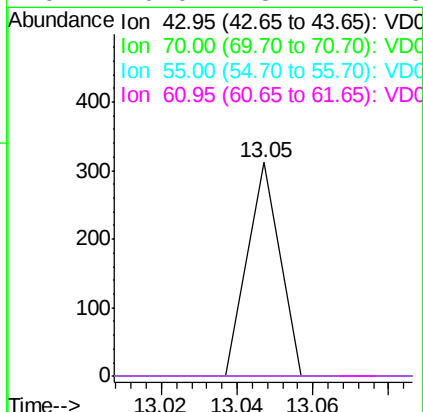
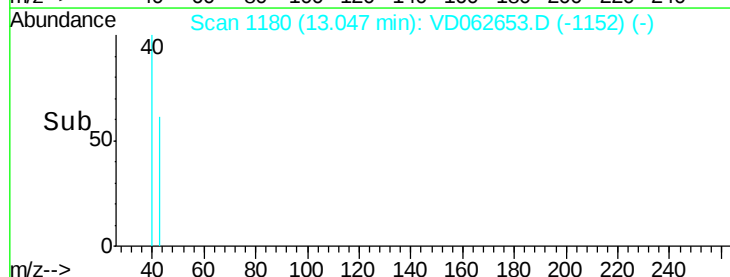


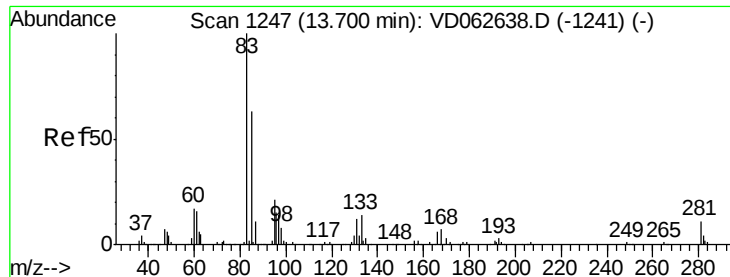
Abundance Ion 42.95 (42.65 to 43.65): VDC

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





#75

1,1,2,2-Tetrachloroethane

Concen: 4.639 ug/l

RT: 13.73 min Scan# 1249

Delta R.T. 0.03 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

B-04-2.5-3.0RE

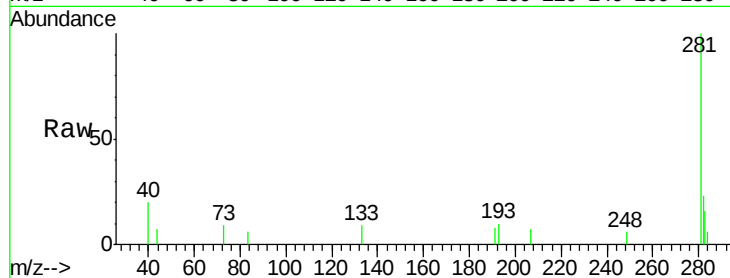
Tgt Ion: 83 Resp: 192

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

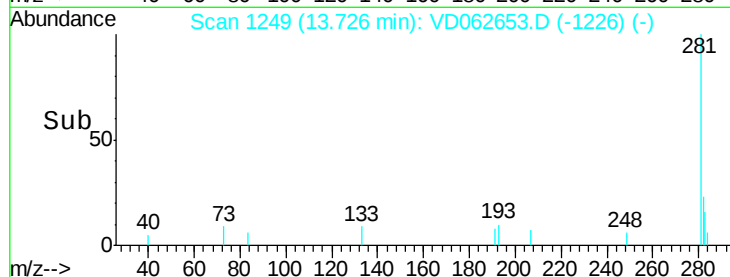
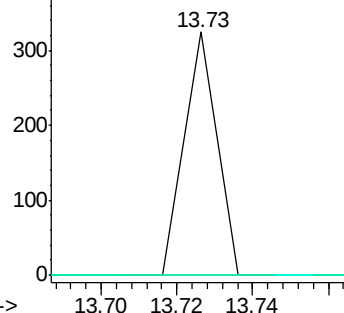
85 0.0 31.3 93.9#



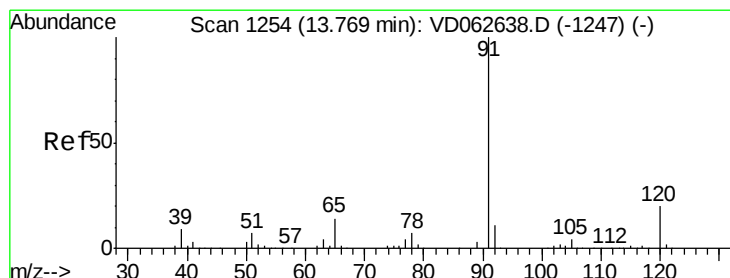
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



Time-->



#78

n-propylbenzene

Concen: 1.878 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VD062653.D

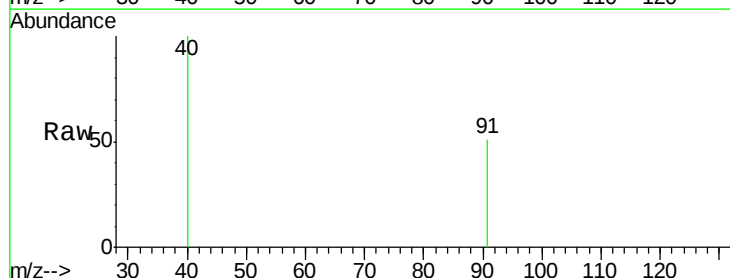
Acq: 10 Jun 2019 15:06

Tgt Ion: 91 Resp: 556

Ion Ratio Lower Upper

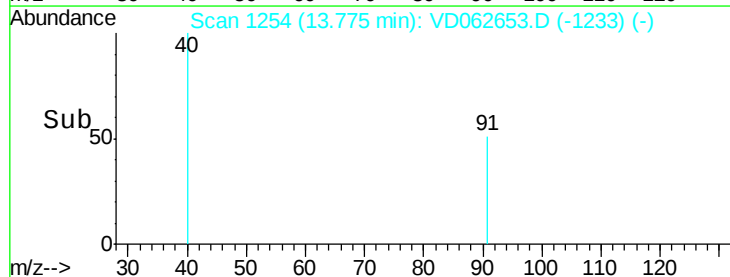
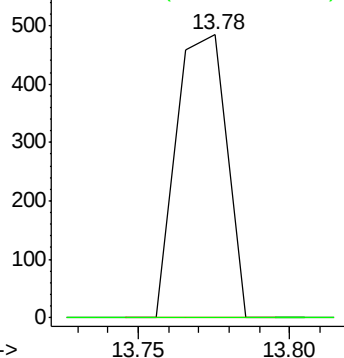
91 100

120 0.0 9.8 29.5#

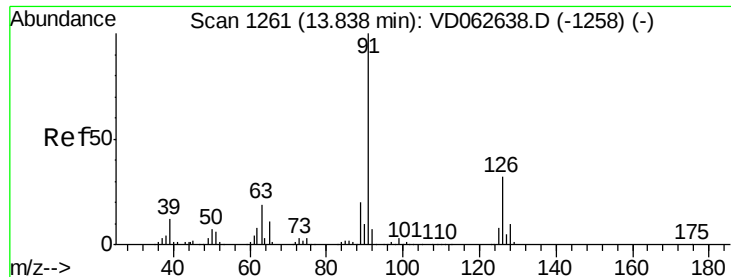


Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC



Time-->



#79

2-Chlorotoluene

Concen: 3.207 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. -0.06 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

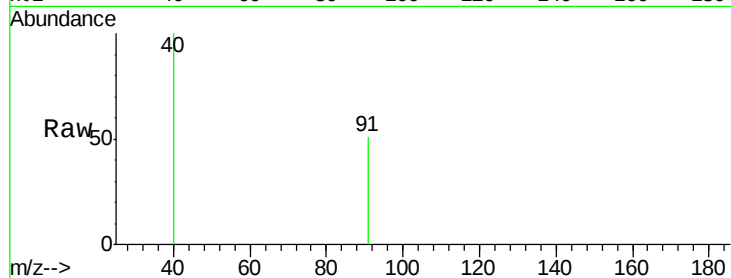
B-04-2.5-3.0RE

Tgt Ion: 91 Resp: 556

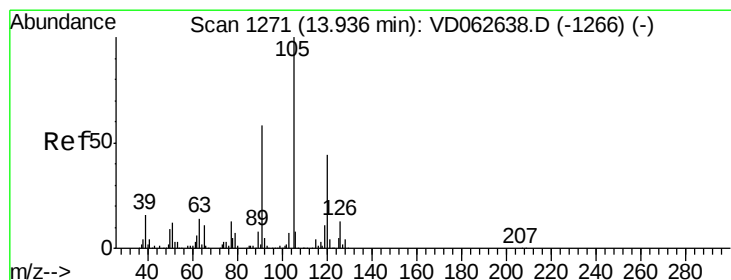
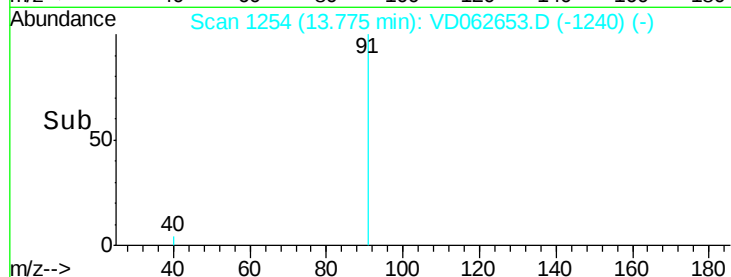
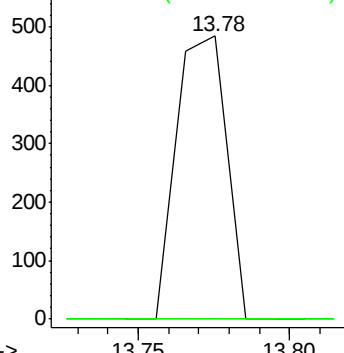
Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#



Abundance Ion 91.00 (90.70 to 91.70): VD062638.D (-1258) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.141 ug/l

RT: 13.87 min Scan# 1264

Delta R.T. -0.06 min

Lab File: VD062653.D

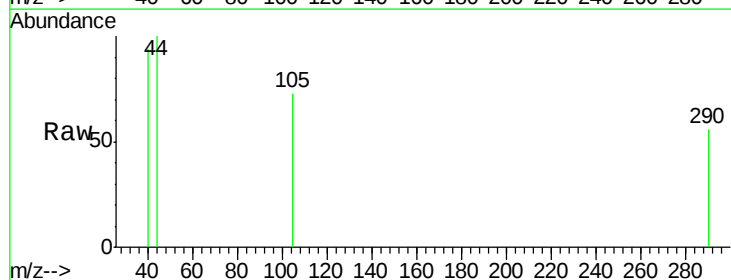
Acq: 10 Jun 2019 15:06

Tgt Ion: 105 Resp: 244

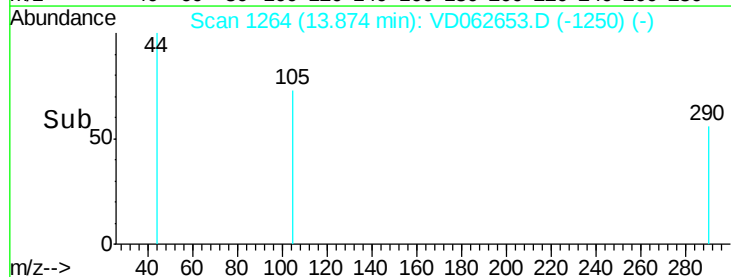
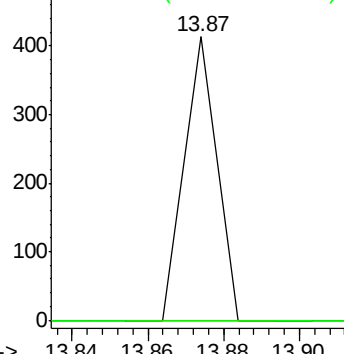
Ion Ratio Lower Upper

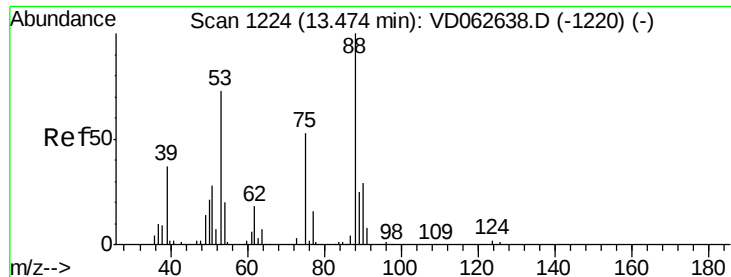
105 100

120 0.0 22.1 66.5#



Abundance Ion 105.05 (104.75 to 105.75): VD062638.D (-1266) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 61.960 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

B-04-2.5-3.0RE

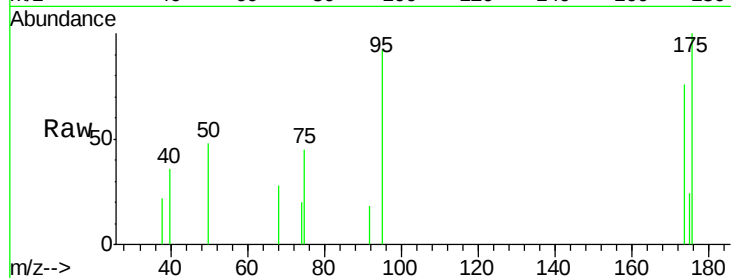
Tgt Ion: 75 Resp: 869

Ion Ratio Lower Upper

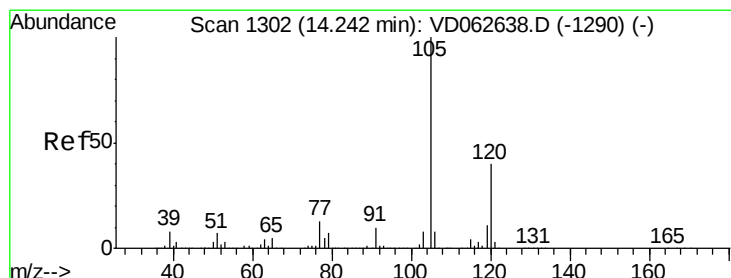
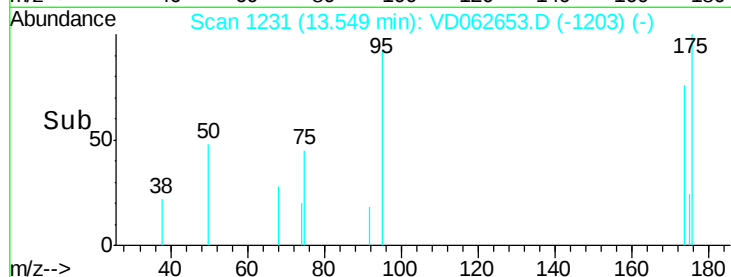
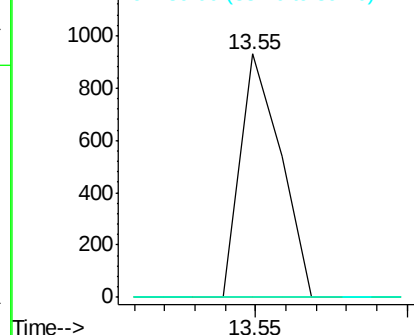
75 100

53 0.0 109.4 164.2#

89 0.0 37.0 55.6#



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



#84

1,2,4-Trimethylbenzene

Concen: 4.828 ug/l

RT: 14.24 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD062653.D

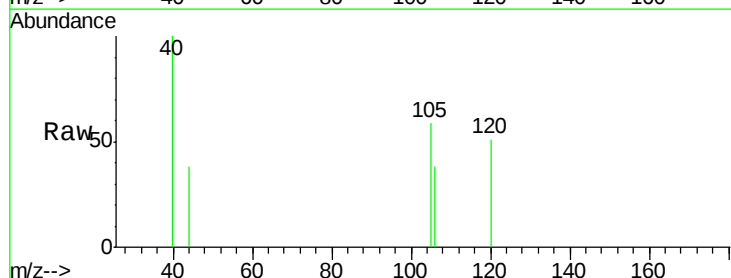
Acq: 10 Jun 2019 15:06

Tgt Ion: 105 Resp: 1022

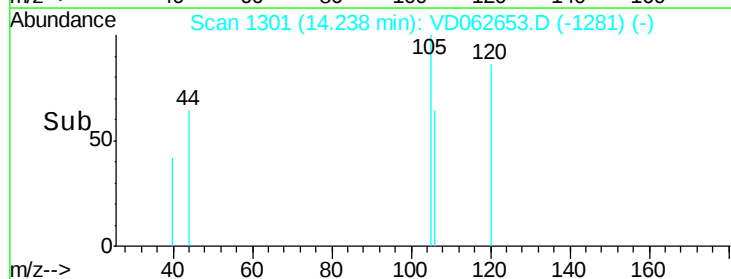
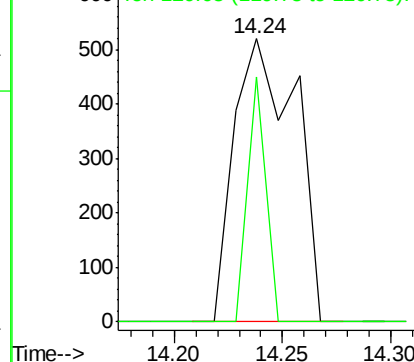
Ion Ratio Lower Upper

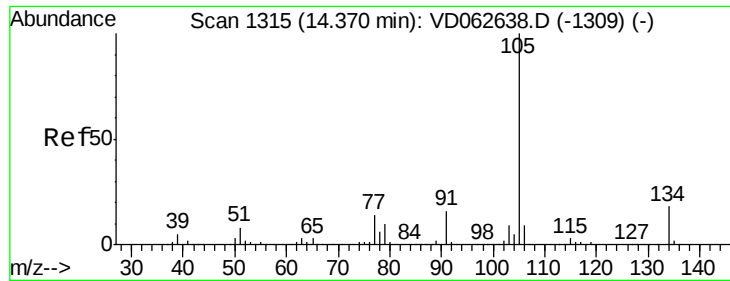
105 100

120 86.3 20.3 60.8#



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

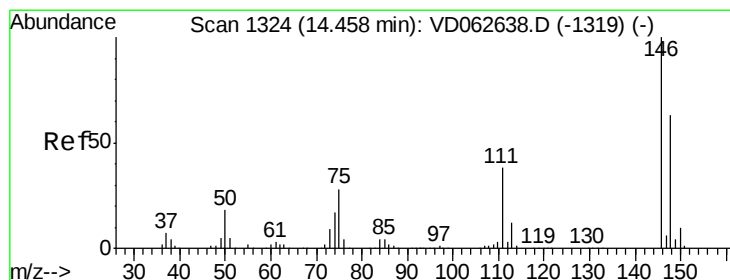
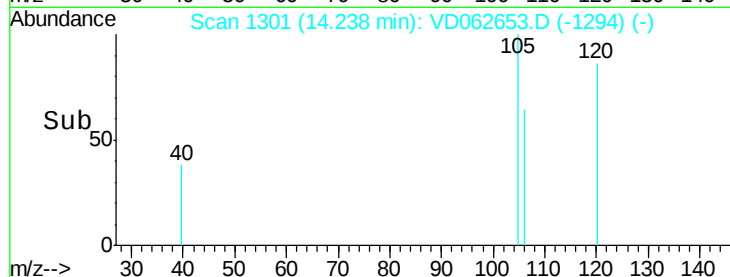
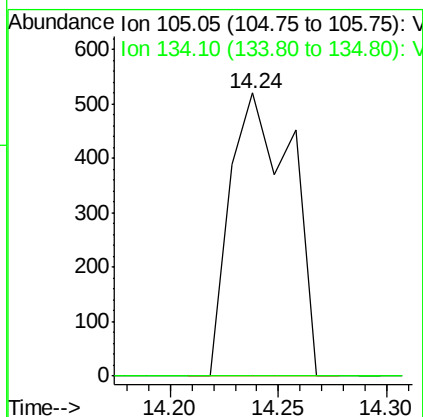
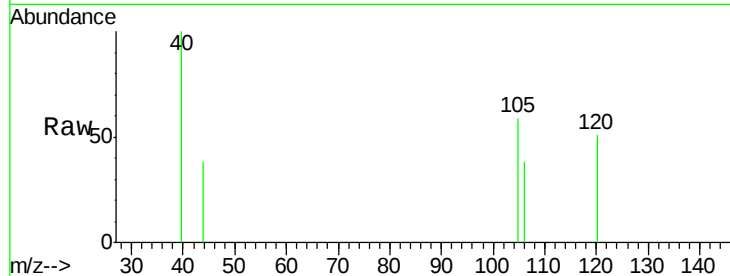




#85
 sec-Butylbenzene
 Concen: 4.133 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.13 min
 Lab File: VD062653.D
 Acq: 10 Jun 2019 15:06

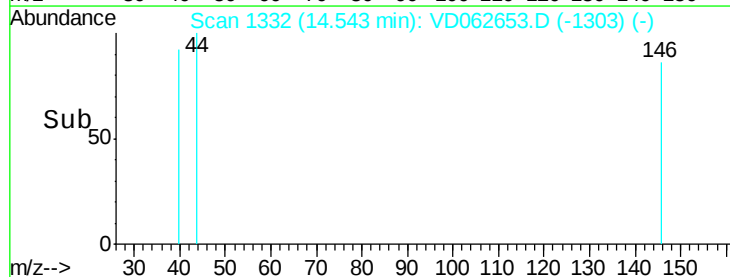
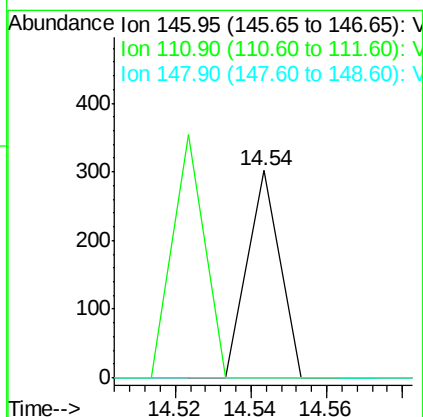
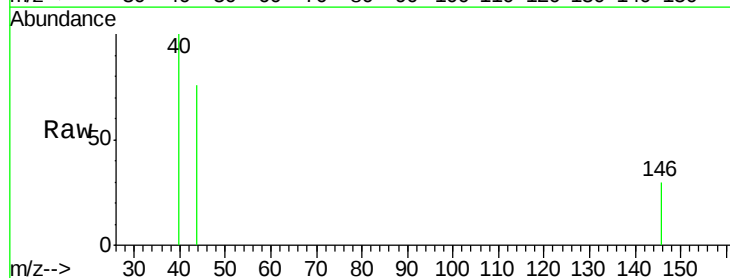
Instrument :
 MSVOA_D
 ClientSampleId :
 B-04-2.5-3.0RE

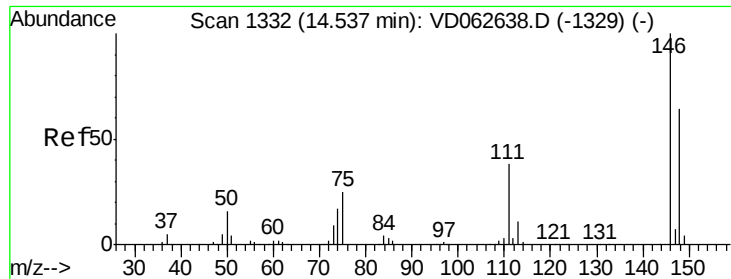
Tgt Ion:105 Resp: 1022
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.8 26.2#



#87
 1,3-Dichlorobenzene
 Concen: 1.421 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.09 min
 Lab File: VD062653.D
 Acq: 10 Jun 2019 15:06

Tgt Ion:146 Resp: 178
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.2 57.6#
 148 0.0 31.6 95.0#





#88

1,4-Dichlorobenzene

Concen: 1.504 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

Instrument :

MSVOA_D

ClientSampleId :

B-04-2.5-3.0RE

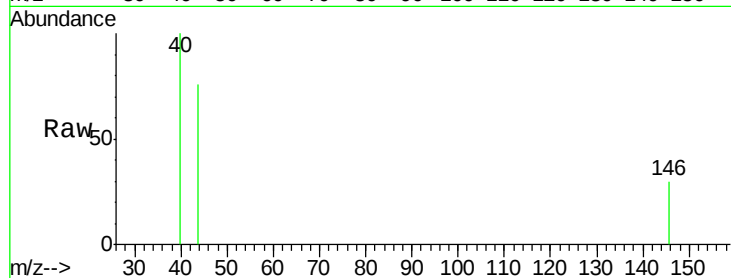
Tgt Ion:146 Resp: 178

Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.7#

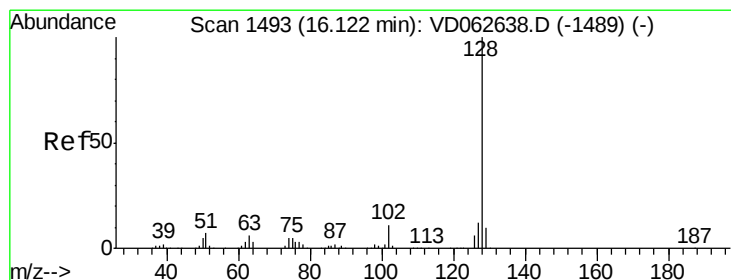
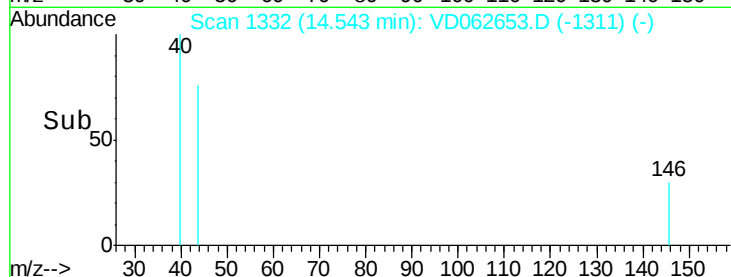
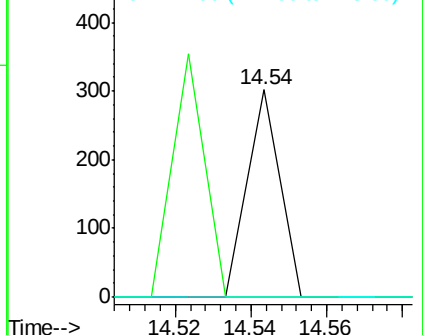
148 0.0 32.3 96.8#



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



#95

Naphthalene

Concen: 14.058 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VD062653.D

Acq: 10 Jun 2019 15:06

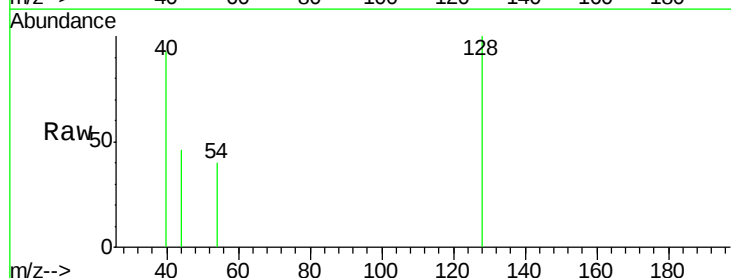
Tgt Ion:128 Resp: 1419

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 0.0 8.1 12.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

