

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
 Data File : VD062657.D
 Acq On : 10 Jun 2019 16:54
 Operator : VA/AP
 Sample : K3273-18
 Misc : 5.02g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9 1.0-1.5 060719

Quant Time: Jun 11 03:57:52 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	7.04	168	12771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	17321	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	15995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	7976	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	10517	57.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	114.14%		
35) Dibromofluoromethane	6.91	113	8594	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.10%		
50) Toluene-d8	10.41	98	13903	36.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	72.36%		
62) 4-Bromofluorobenzene	13.55	95	6796	37.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	75.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	876	6.932	ug/l #	59
5) Bromomethane	2.12	94	865	13.151	ug/l #	11
6) Chloroethane	2.25	64	295	4.586	ug/l #	1
10) Methyl Iodide	3.34	142	2760	15.127	ug/l #	58
12) 1,1-Dichloroethene	2.99	96	187	1.657	ug/l #	1
16) Acetone	3.21	43	1054	31.234	ug/l #	66
18) Methyl Acetate	3.65	43	481	8.673	ug/l #	64
20) Methylene Chloride	3.90	84	185	1.018	ug/l #	3
23) Vinyl Acetate	4.96	43	317	1.418	ug/l #	81
25) 2-Butanone	6.14	43	186	5.650	ug/l #	61
37) Ethyl Acetate	6.17	43	250	4.088	ug/l #	74
38) Carbon Tetrachloride	7.04	117	903	2.882	ug/l #	14
41) Methacrylonitrile	6.48	41	194	1.869	ug/l #	34
43) Isopropyl Acetate	8.87	43	217	2.075	ug/l #	52
51) 4-Methyl-2-Pentanone	10.15	43	182	2.487	ug/l #	42
55) 1,1,2-Trichloroethane	11.23	97	187	2.095	ug/l #	17
59) 2-Hexanone	11.53	43	279	5.125	ug/l #	32
67) Ethyl Benzene	12.66	91	2676	4.266	ug/l	97
68) m/p-Xylenes	12.67	106	1042	4.725	ug/l #	70
71) Bromoform	13.30	173	189	4.209	ug/l #	38
73) Isopropylbenzene	13.40	105	614	1.092	ug/l #	54
74) N-amyl acetate	13.20	43	293	1.928	ug/l #	52
77) Bromobenzene	13.54	156	204	1.270	ug/l #	1
78) n-propylbenzene	13.78	91	1105	1.606	ug/l #	57
79) 2-Chlorotoluene	13.84	91	431	1.070	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.93	105	1153	2.321	ug/l	87
81) trans-1,4-Dichloro-2-buten	13.55	75	2806	84.571	ug/l #	1
82) 4-Chlorotoluene	13.94	91	859	1.783	ug/l #	43
84) 1,2,4-Trimethylbenzene	14.24	105	2690	5.468	ug/l	87
85) sec-Butylbenzene	14.36	105	1038	1.806	ug/l #	60
87) 1,3-Dichlorobenzene	14.45	146	501	1.721	ug/l #	62
88) 1,4-Dichlorobenzene	14.53	146	331	1.203	ug/l #	25
89) n-Butylbenzene	14.79	91	1991	3.956	ug/l #	81
90) Hexachloroethane	14.99	117	190	1.286	ug/l #	8

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SB-9_1.0-1.5_060719

Quant Time: Jun 11 03:57:52 2019
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

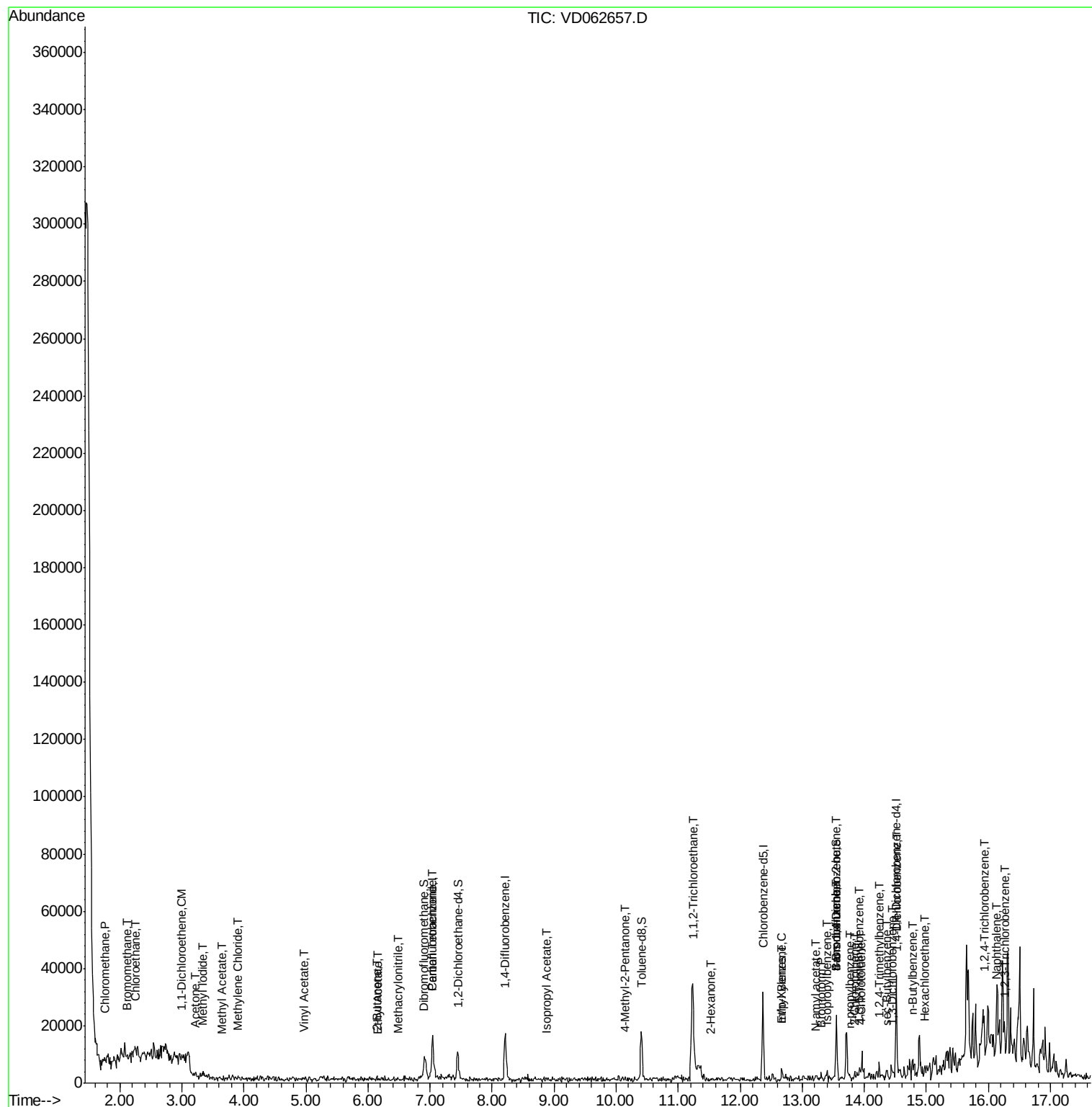
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	279	4.830	ug/l #	63
95) Naphthalene	16.12	128	2374	11.087	ug/l #	71
96) 1,2,3-Trichlorobenzene	16.28	180	246	1.765	ug/l #	1

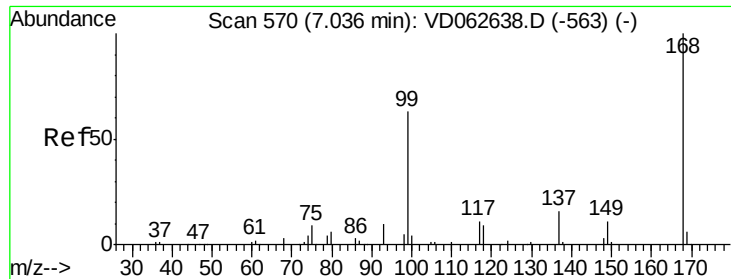
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD061019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

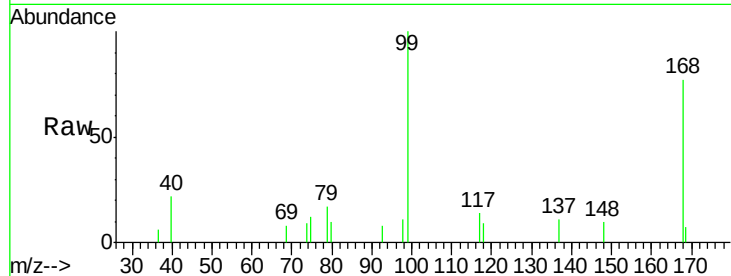
SB-9 1.0-1.5 060719

Tgt Ion:168 Resp: 12771

Ion Ratio Lower Upper

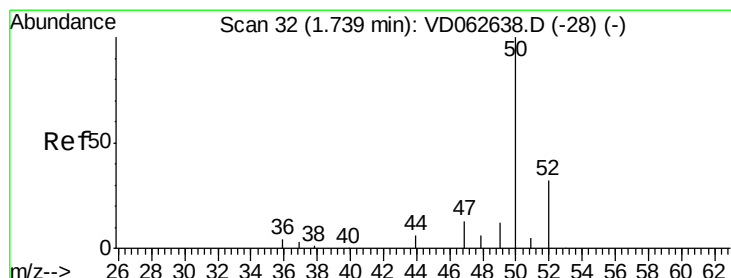
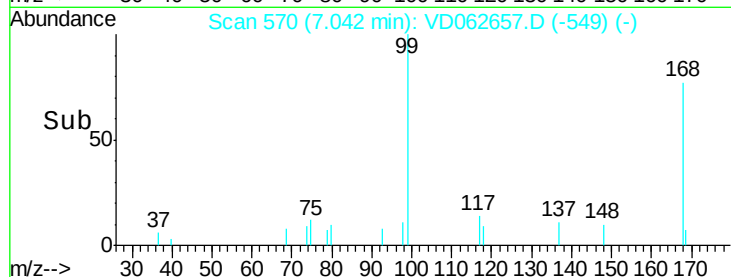
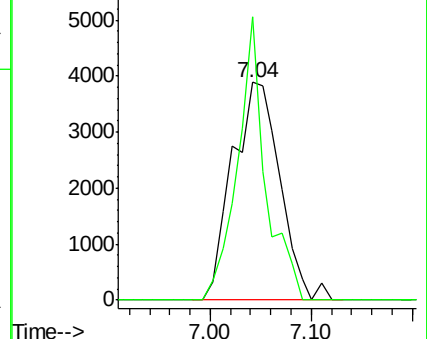
168 100

99 129.9 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: 6.932 ug/l

RT: 1.77 min Scan# 34

Delta R.T. 0.03 min

Lab File: VD062657.D

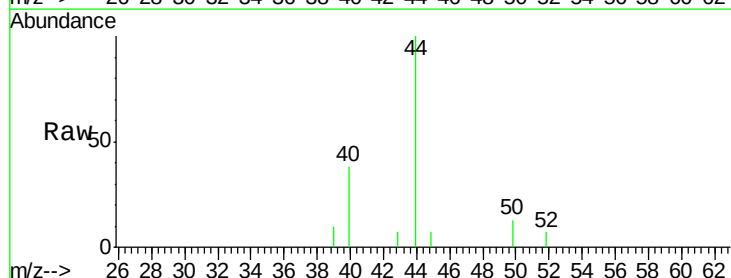
Acq: 10 Jun 2019 16:54

Tgt Ion: 50 Resp: 876

Ion Ratio Lower Upper

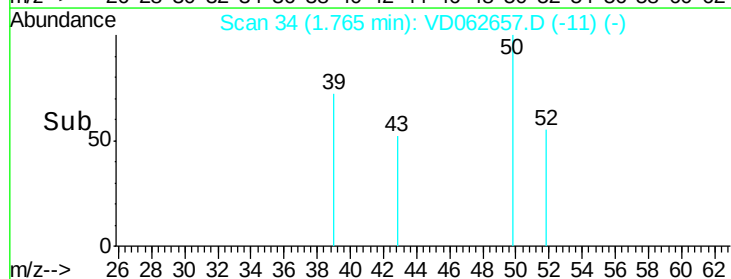
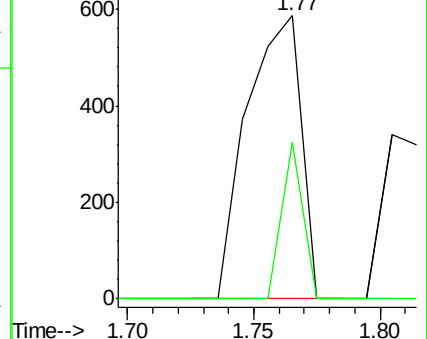
50 100

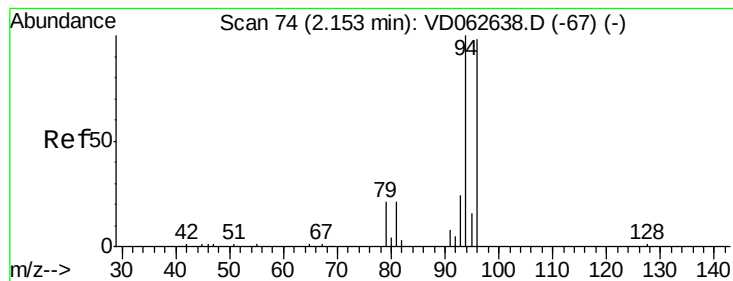
52 55.4 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 13.151 ug/l

RT: 2.12 min Scan# 70

Delta R.T. -0.03 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB-9 1.0-1.5 060719

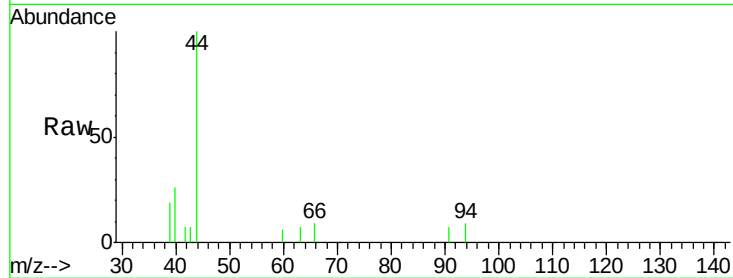
Tgt Ion: 94 Resp: 865

Ion Ratio Lower Upper

94 100

96 0.0 78.1 117.1#

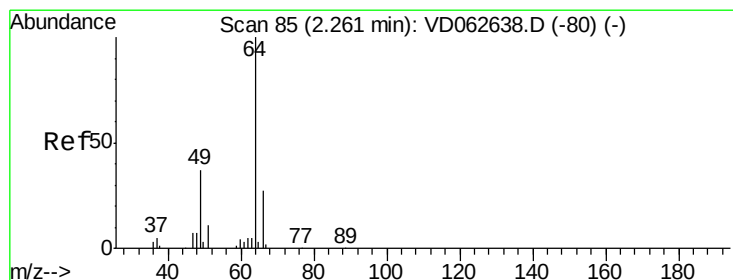
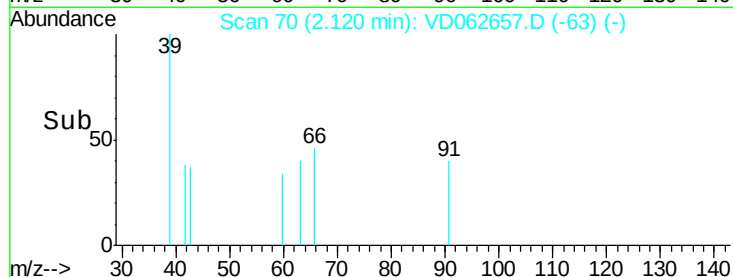
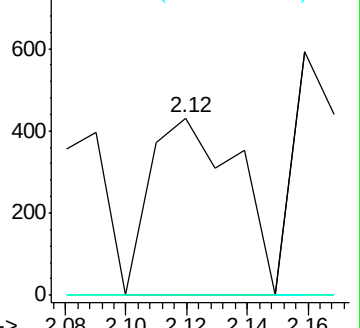
93 0.0 19.6 29.4#



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: 4.586 ug/l

RT: 2.25 min Scan# 83

Delta R.T. -0.01 min

Lab File: VD062657.D

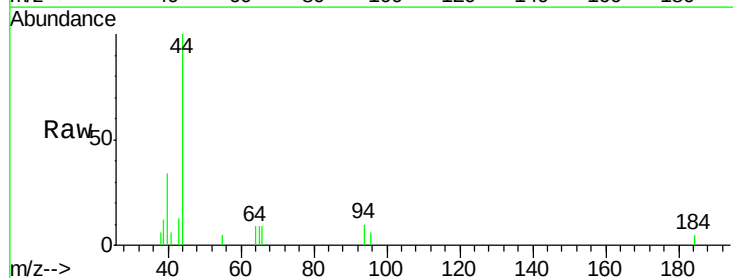
Acq: 10 Jun 2019 16:54

Tgt Ion: 64 Resp: 295

Ion Ratio Lower Upper

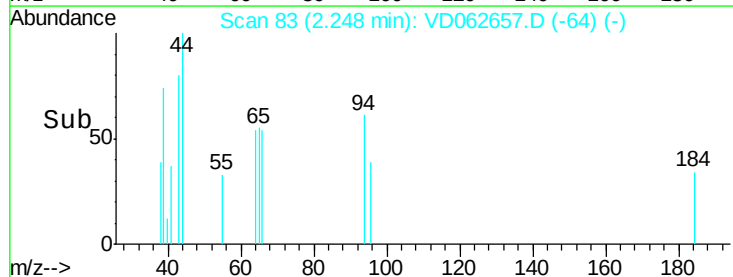
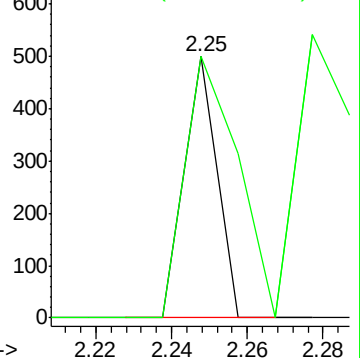
64 100

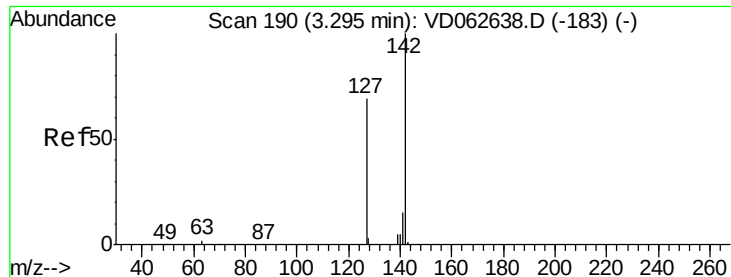
66 100.2 21.9 32.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

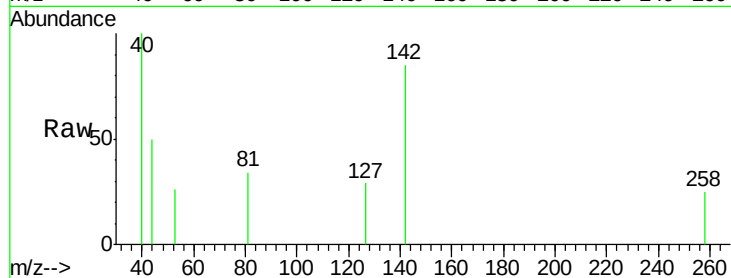




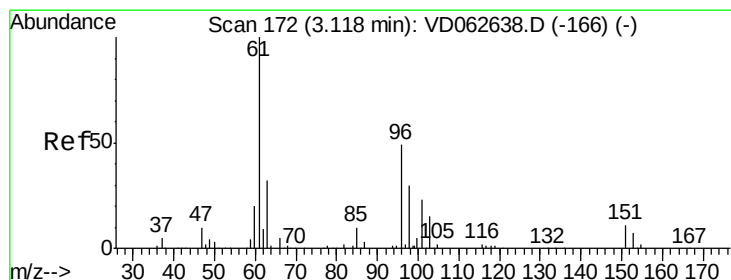
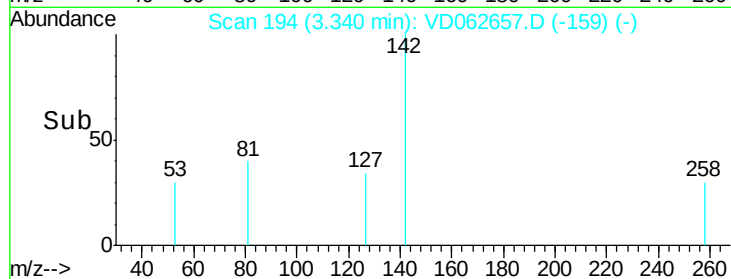
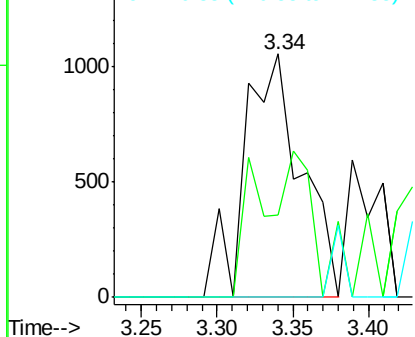
#10
Methyl Iodide
Concen: 15.127 ug/l
RT: 3.34 min Scan# 194
Delta R.T. 0.05 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
SB-9_1.0-1.5_060719

Tgt Ion: 142 Resp: 2760
Ion Ratio Lower Upper
142 100
127 34.1 55.2 82.8#
141 0.0 12.1 18.1#

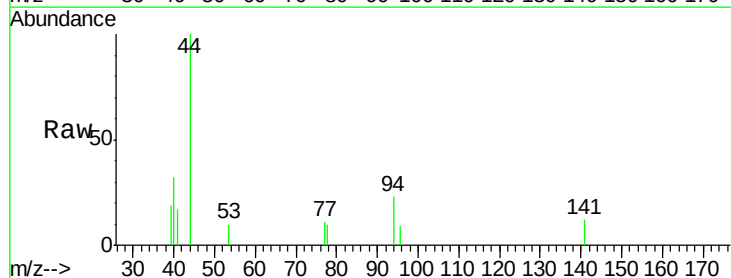


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

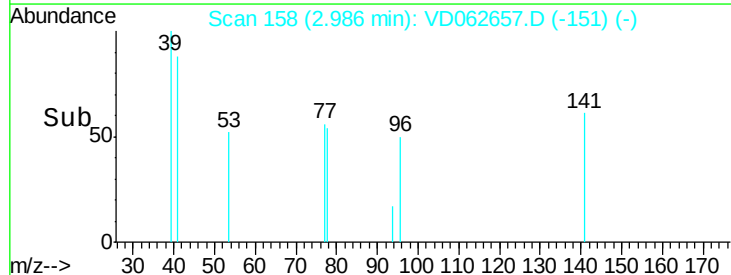
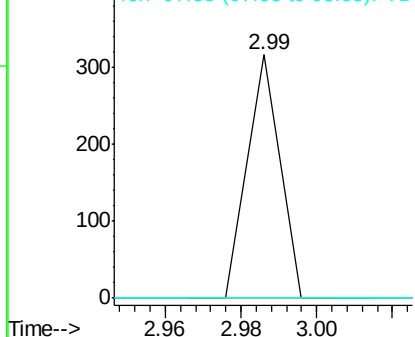


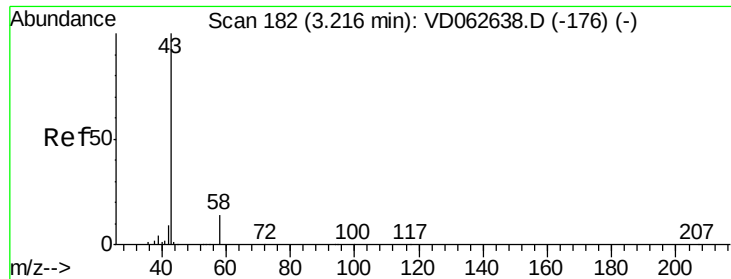
#12
1,1-Dichloroethene
Concen: 1.657 ug/l
RT: 2.99 min Scan# 158
Delta R.T. -0.13 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Tgt Ion: 96 Resp: 187
Ion Ratio Lower Upper
96 100
61 0.0 161.8 242.8#
98 0.0 48.2 72.4#



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

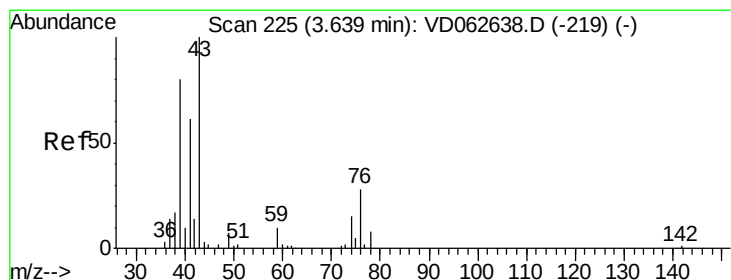
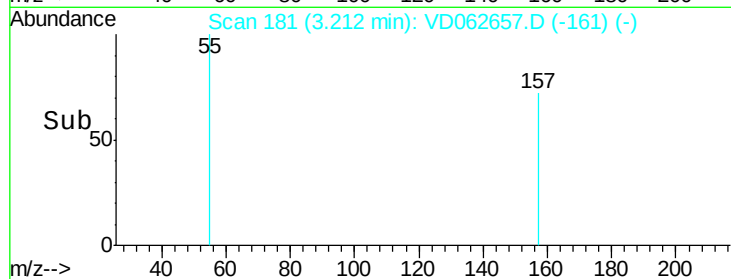
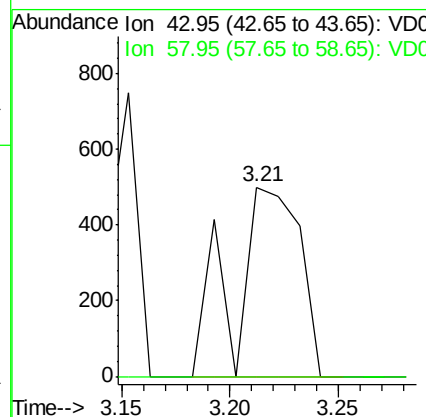
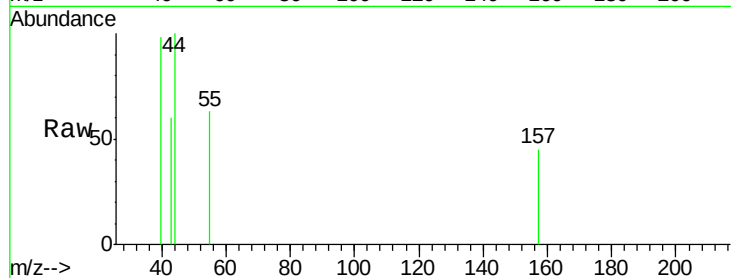




#16
Acetone
Concen: 31.234 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.00 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

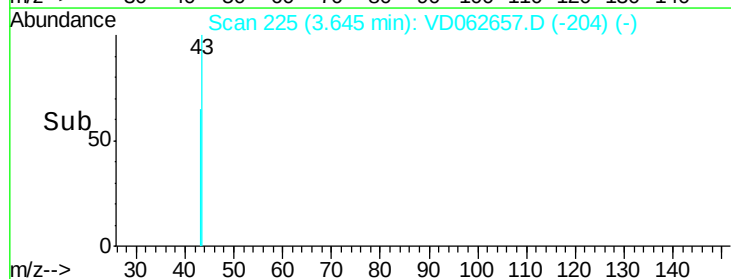
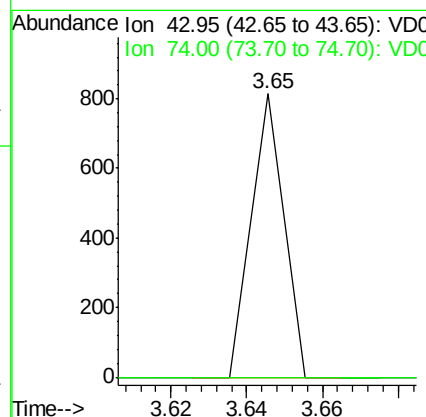
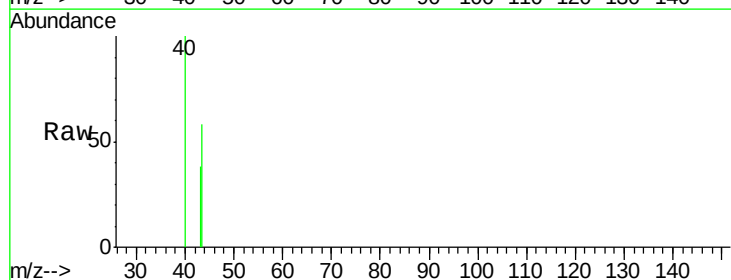
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SB-9_1.0-1.5_060719

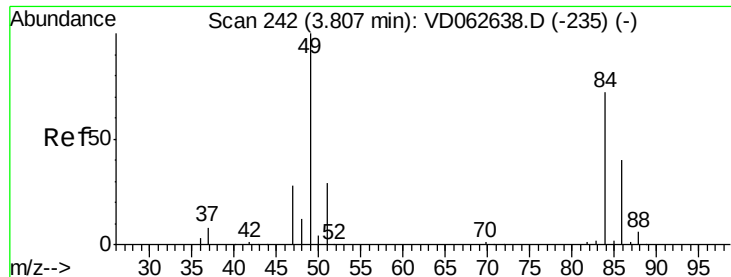
Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 0.0 10.8 16.2#



#18
Methyl Acetate
Concen: 8.673 ug/l
RT: 3.65 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
74 0.0 12.1 18.1#

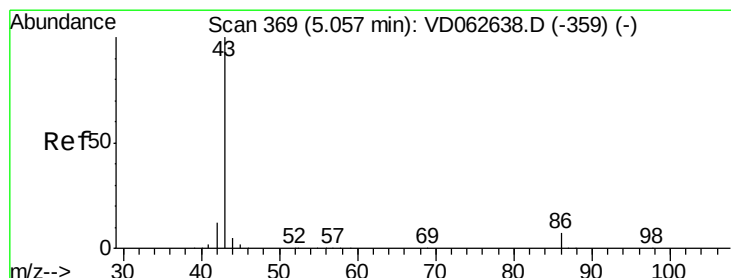
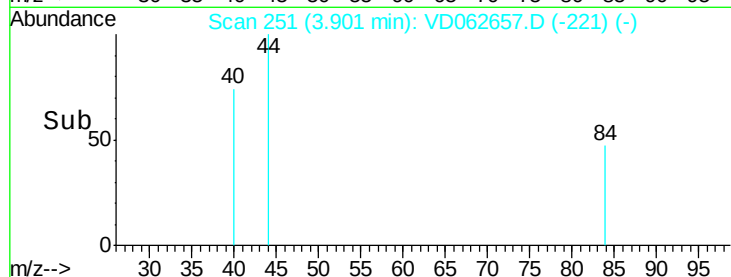
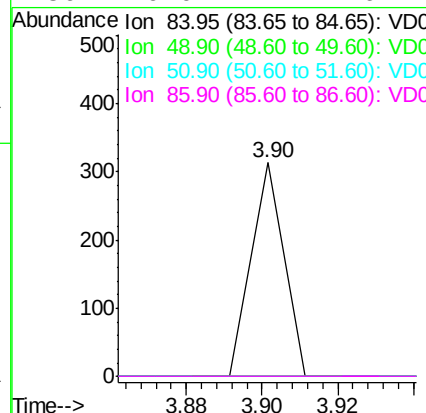
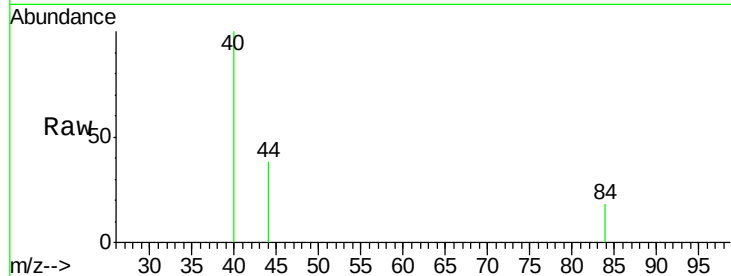




#20
Methylene Chloride
Concen: 1.018 ug/l
RT: 3.90 min Scan# 251
Delta R.T. 0.10 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

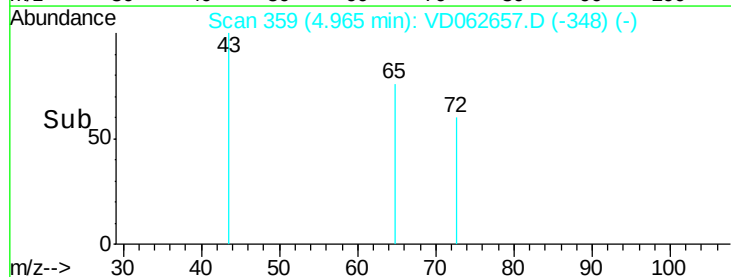
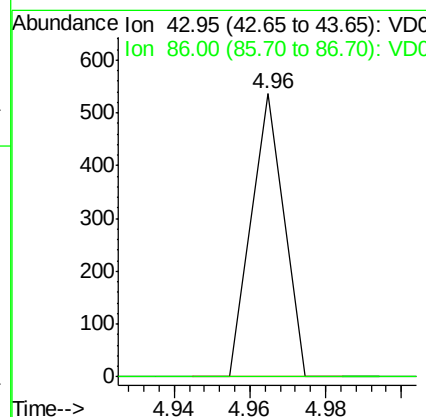
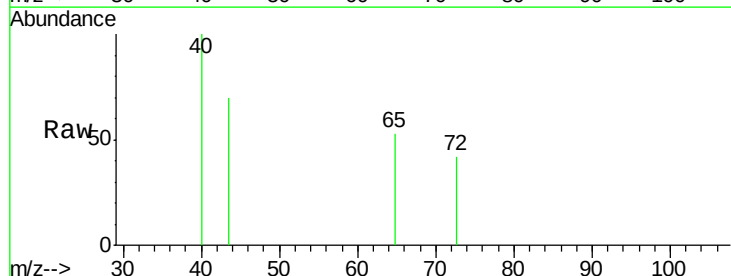
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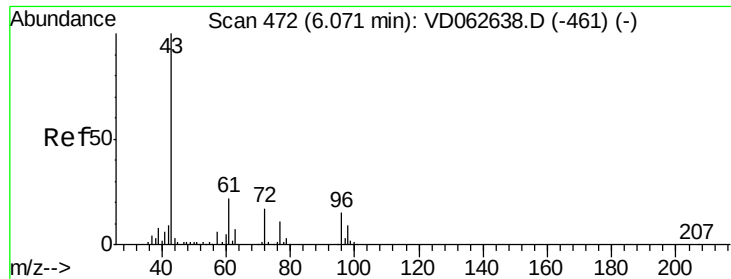
Tgt Ion: 84 Resp: 185
Ion Ratio Lower Upper
84 100
49 0.0 111.2 166.8#
51 0.0 31.9 47.9#
86 0.0 44.7 67.1#



#23
Vinyl Acetate
Concen: 1.418 ug/l
RT: 4.96 min Scan# 359
Delta R.T. -0.09 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
86 0.0 5.3 7.9#





#25

2-Butanone

Concen: 5.650 ug/l

RT: 6.14 min Scan# 478

Delta R.T. 0.07 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

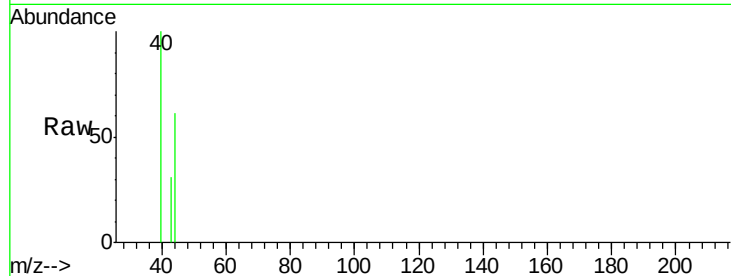
SB-9 1.0-1.5 060719

Tgt Ion: 43 Resp: 186

Ion Ratio Lower Upper

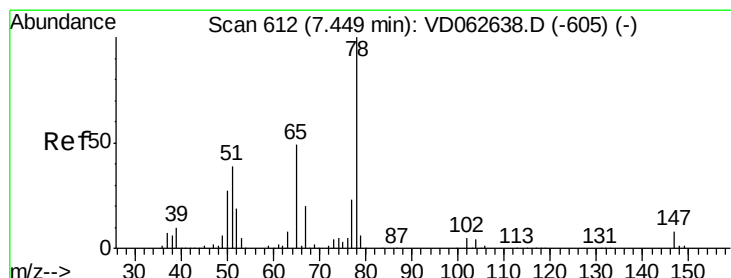
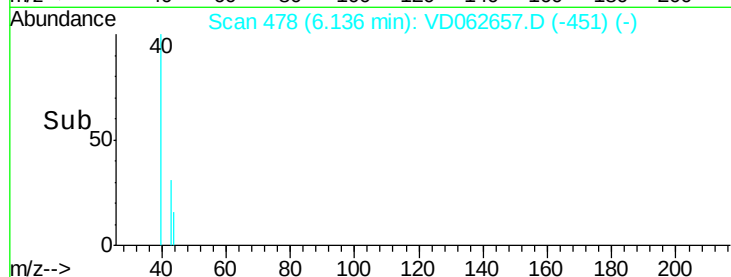
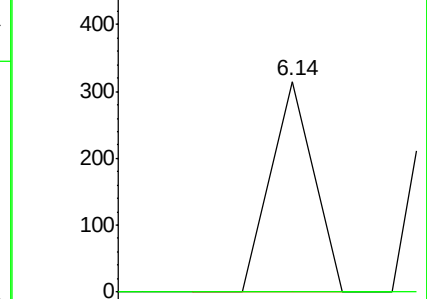
43 100

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



#33

1,2-Dichloroethane-d4

Concen: 57.069 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD062657.D

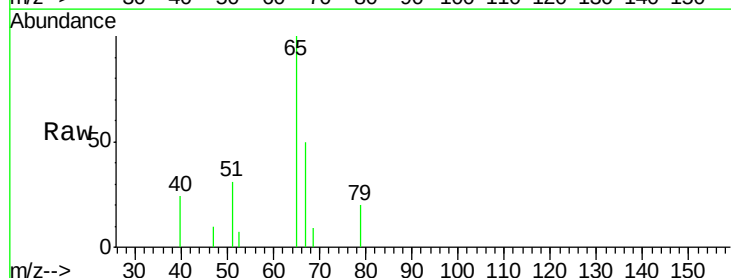
Acq: 10 Jun 2019 16:54

Tgt Ion: 65 Resp: 10517

Ion Ratio Lower Upper

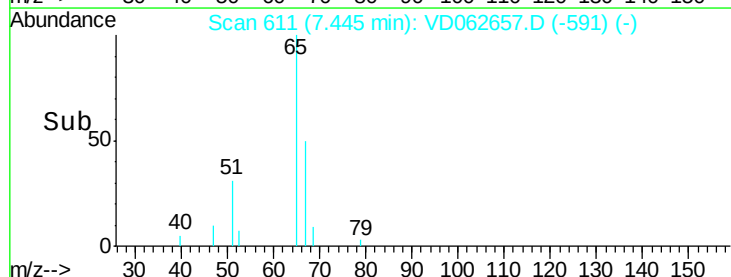
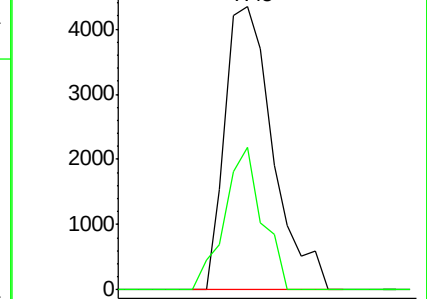
65 100

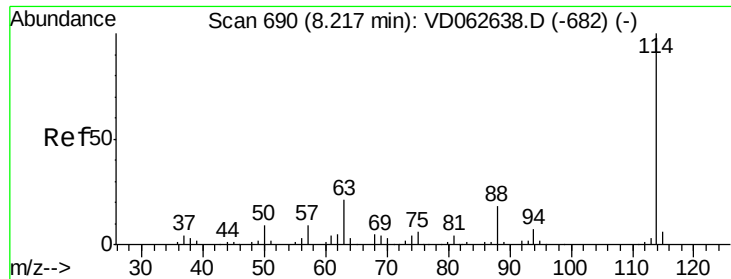
67 50.5 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

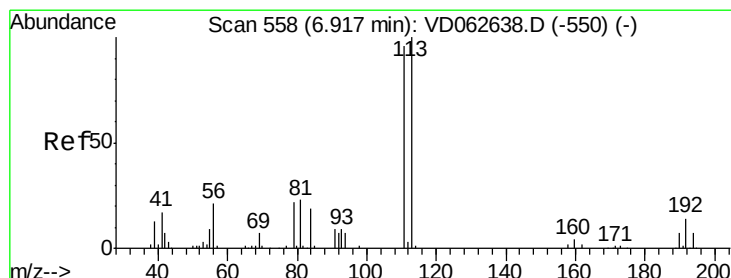
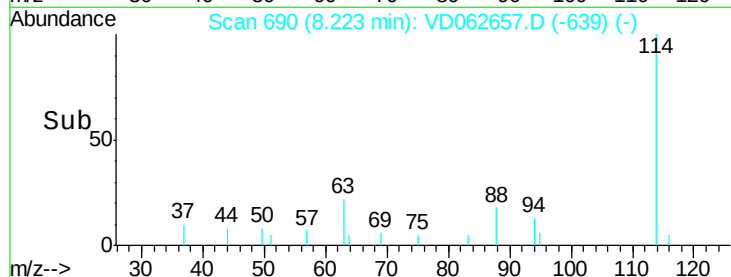
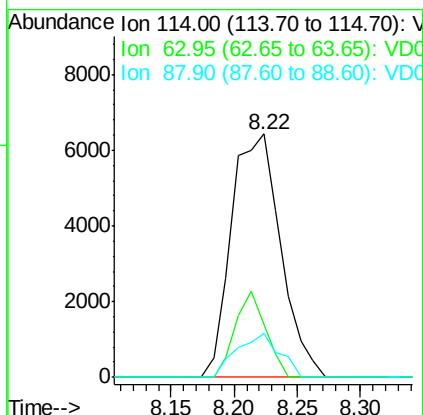
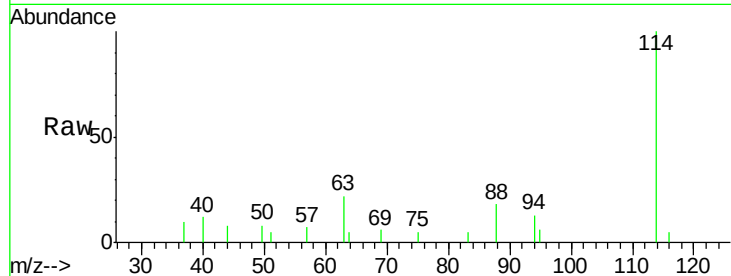




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

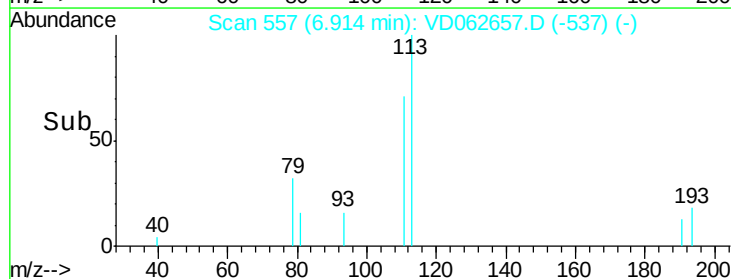
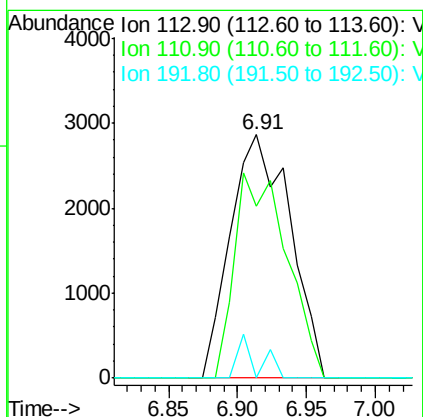
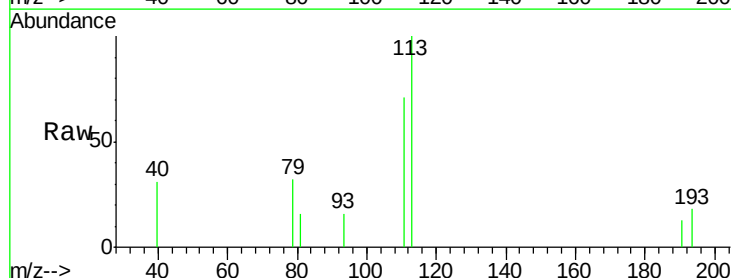
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9_1.0-1.5_060719

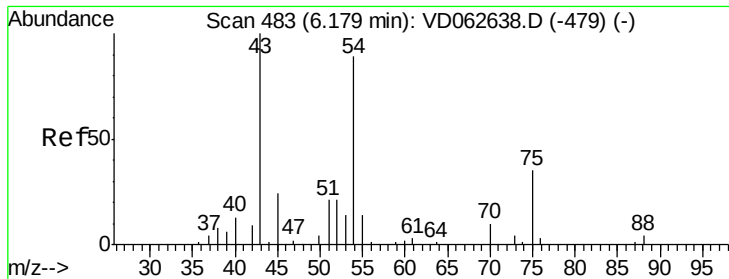
Tgt Ion:114 Resp: 17321
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 18.2 0.0 36.8



#35
 Dibromofluoromethane
 Concen: 47.046 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

Tgt Ion:113 Resp: 8594
 Ion Ratio Lower Upper
 113 100
 111 70.8 76.4 114.6#
 192 0.0 11.4 17.0#





#37

Ethyl Acetate

Concen: 4.088 ug/l

RT: 6.17 min Scan# 481

Delta R.T. -0.01 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB-9 1.0-1.5 060719

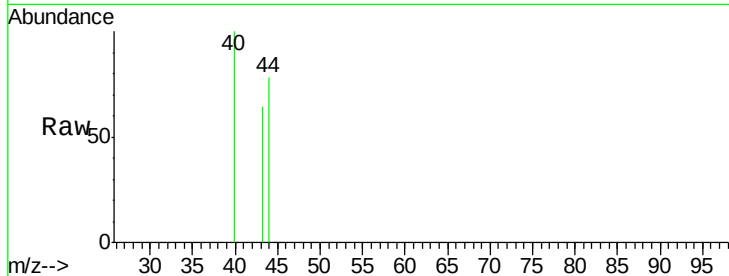
Tgt Ion: 43 Resp: 250

Ion Ratio Lower Upper

43 100

61 0.0 8.7 13.1#

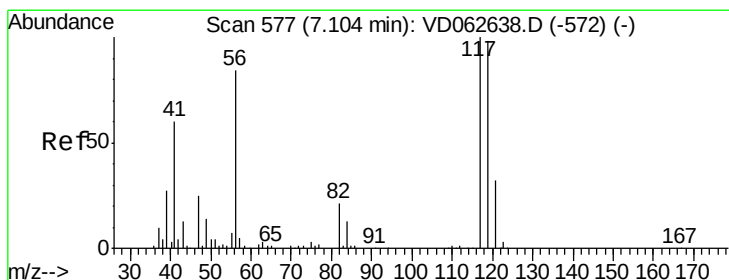
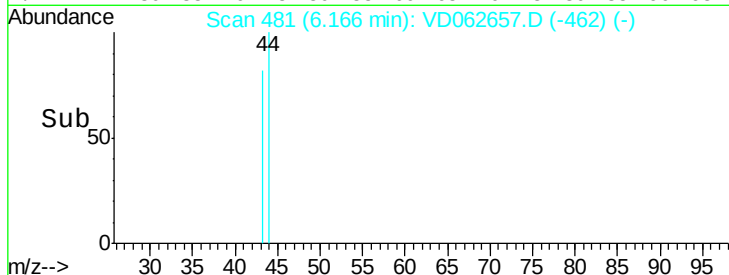
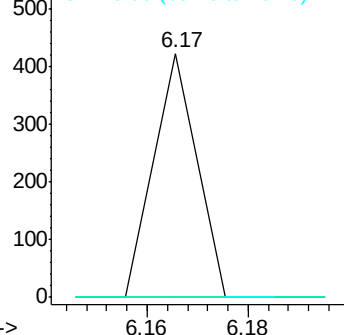
70 0.0 6.5 9.7#



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: 2.882 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

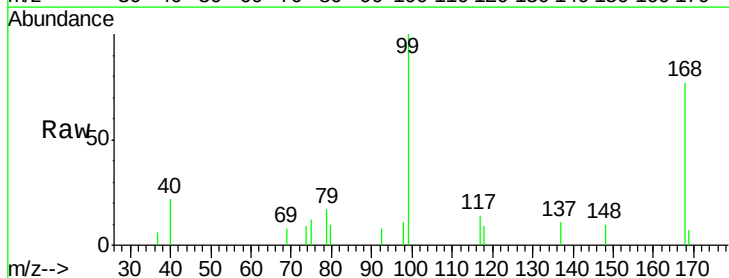
Tgt Ion: 117 Resp: 903

Ion Ratio Lower Upper

117 100

119 0.0 73.5 110.3#

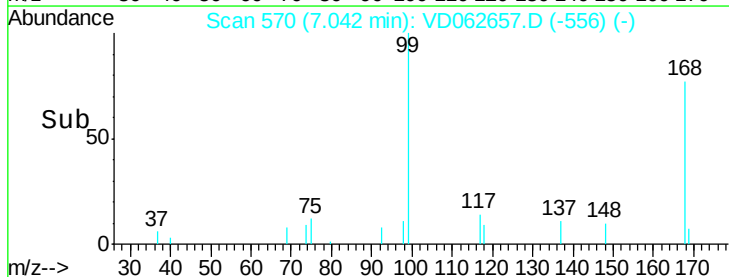
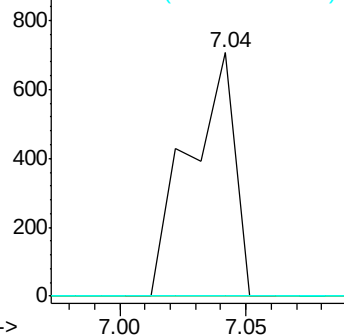
121 0.0 24.2 36.4#

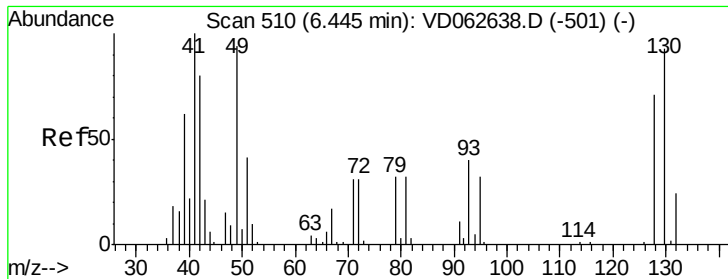


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#41

Methacrylonitrile

Concen: 1.869 ug/l

RT: 6.48 min Scan# 513

Delta R.T. 0.04 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB-9 1.0-1.5 060719

Tgt Ion: 41 Resp: 194

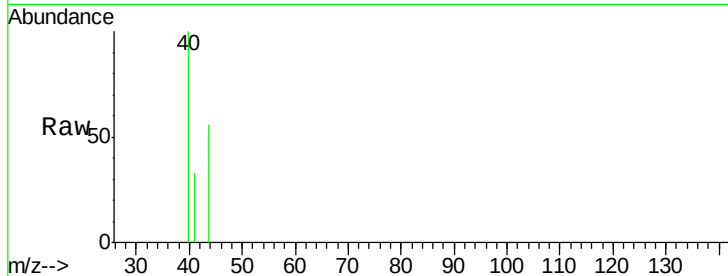
Ion Ratio Lower Upper

41 100

39 0.0 49.2 73.8#

67 0.0 13.9 20.9#

52 0.0 7.6 11.4#

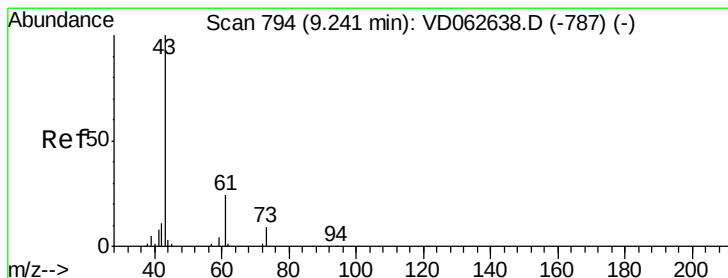
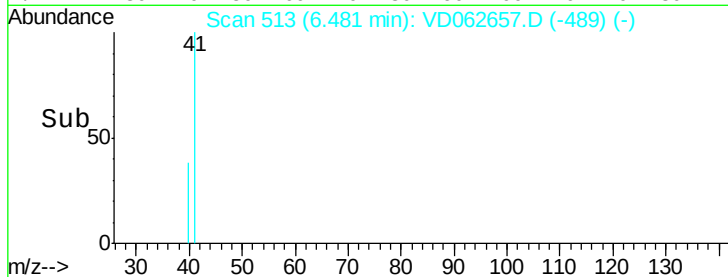
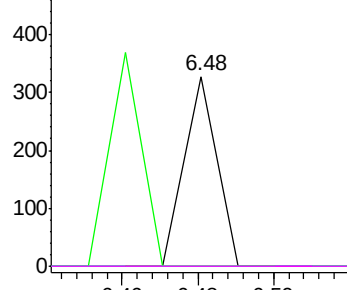


Abundance Ion 40.95 (40.65 to 41.65): VDC

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



#43

Isopropyl Acetate

Concen: 2.075 ug/l

RT: 8.87 min Scan# 756

Delta R.T. -0.37 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

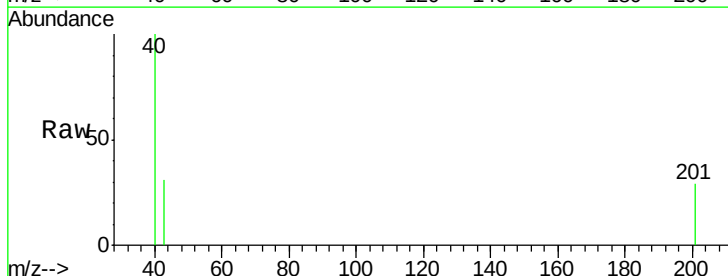
Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

61 0.0 19.0 28.6#

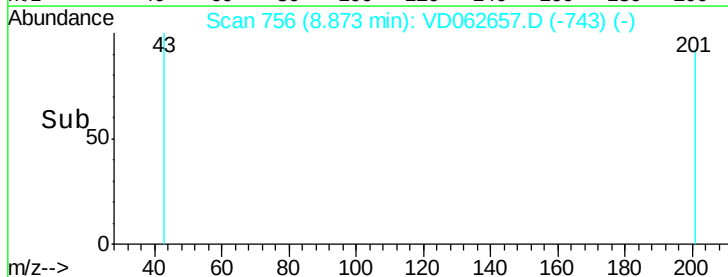
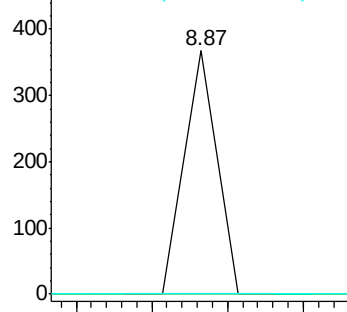
87 0.0 0.3 0.5#

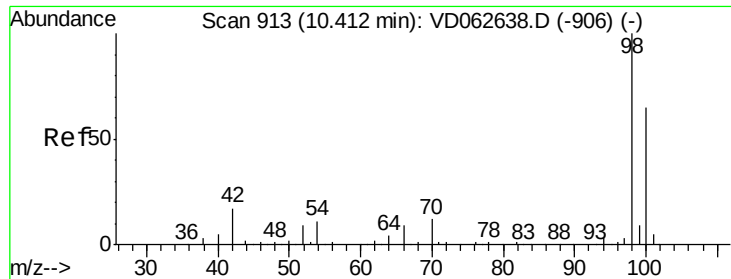


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

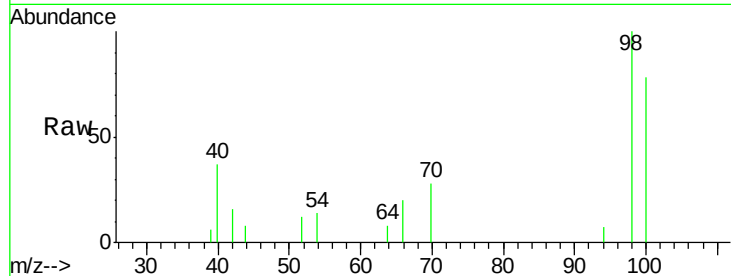




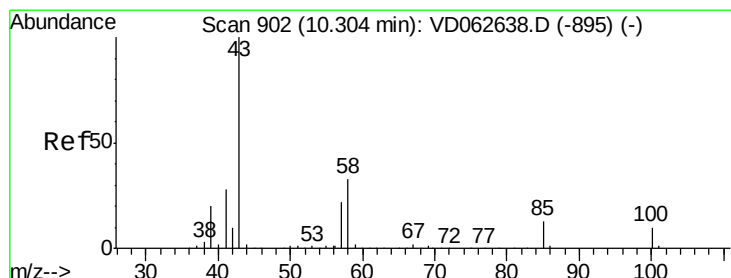
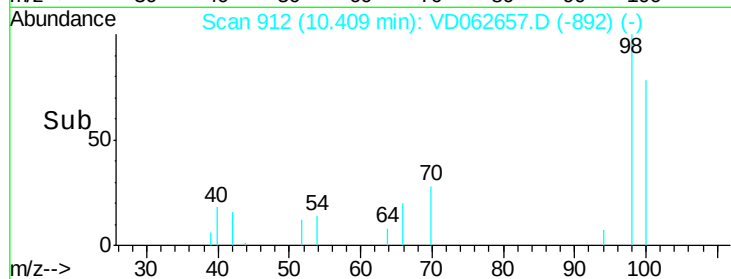
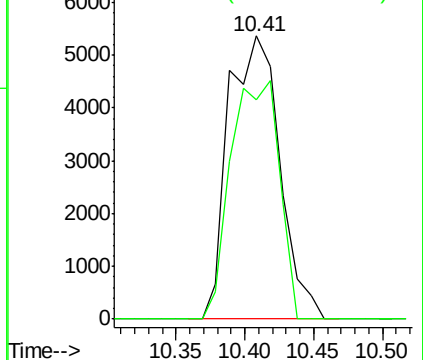
#50
Toluene-d8
Concen: 36.179 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
SB-9_1.0-1.5_060719

Tgt Ion: 98 Resp: 13903
Ion Ratio Lower Upper
98 100
100 77.5 52.1 78.1

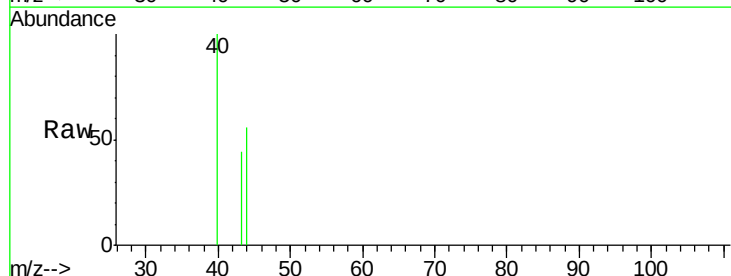


Abundance Ion 98.05 (97.75 to 98.75): VD062638.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD062638.D (-906) (-)

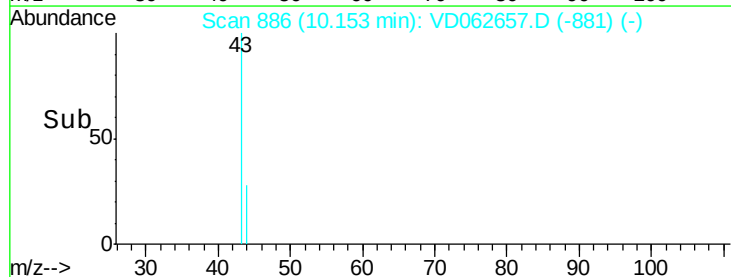
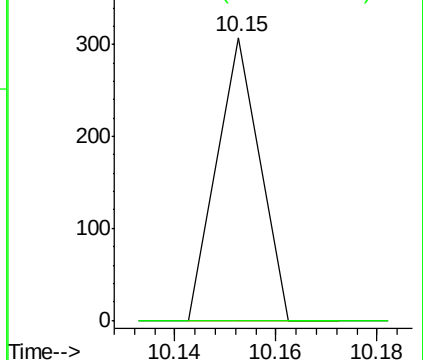


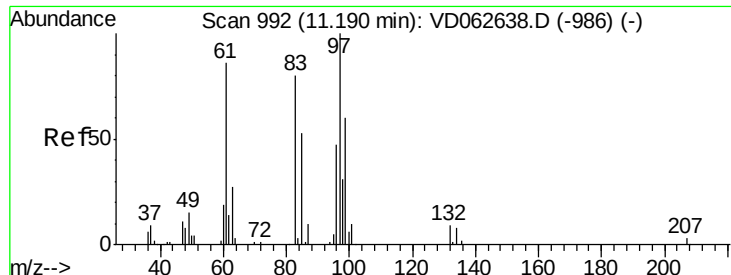
#51
4-Methyl-2-Pentanone
Concen: 2.487 ug/l
RT: 10.15 min Scan# 886
Delta R.T. -0.15 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
58 0.0 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VD062638.D (-895) (-)
Ion 57.95 (57.65 to 58.65): VD062638.D (-895) (-)





#55

1,1,2-Trichloroethane

Concen: 2.095 ug/l

RT: 11.23 min Scan# 995

Delta R.T. 0.04 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB-9 1.0-1.5 060719

Tgt Ion: 97 Resp: 187

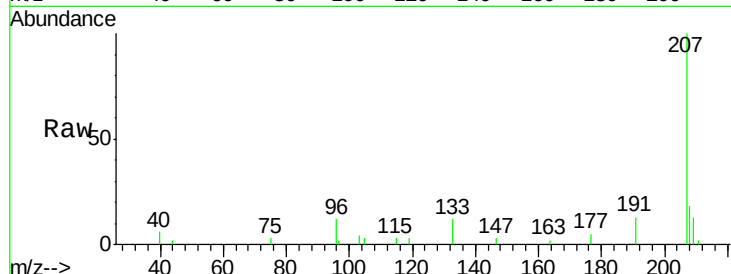
Ion Ratio Lower Upper

97 100

83 0.0 63.8 95.8#

85 0.0 42.3 63.5#

99 0.0 48.0 72.0#

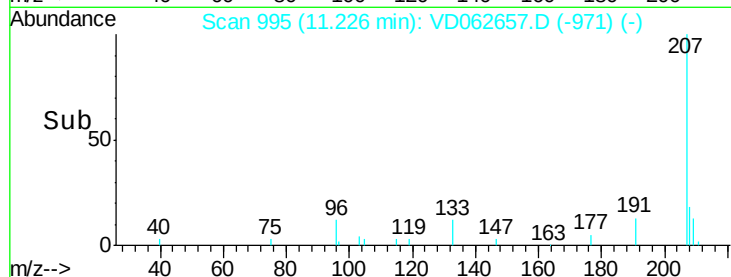


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

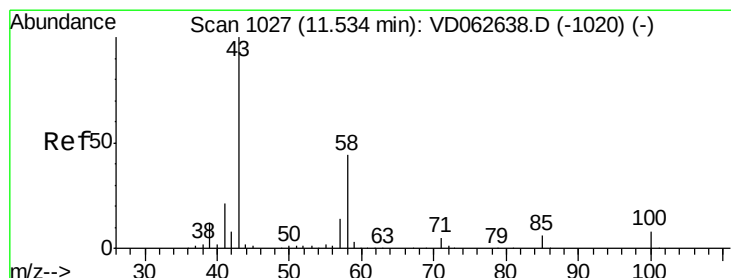
Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



Time-->

11.23



#59

2-Hexanone

Concen: 5.125 ug/l

RT: 11.53 min Scan# 1026

Delta R.T. -0.00 min

Lab File: VD062657.D

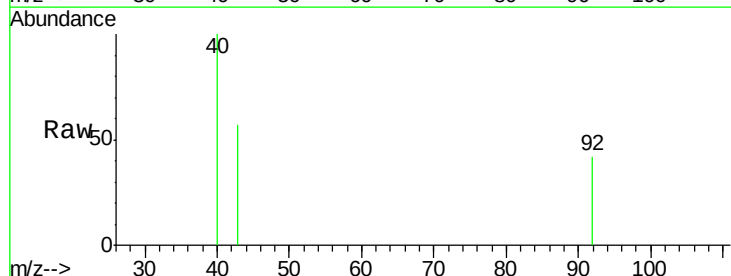
Acq: 10 Jun 2019 16:54

Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

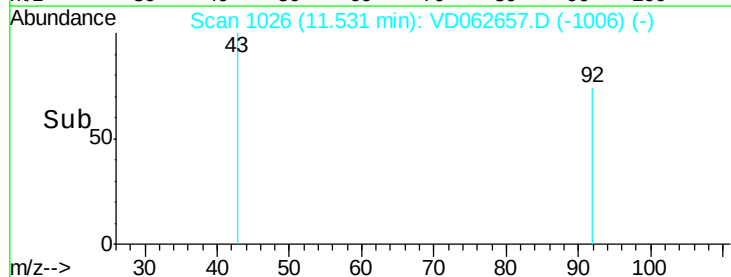
43 100

58 0.0 21.8 65.4#



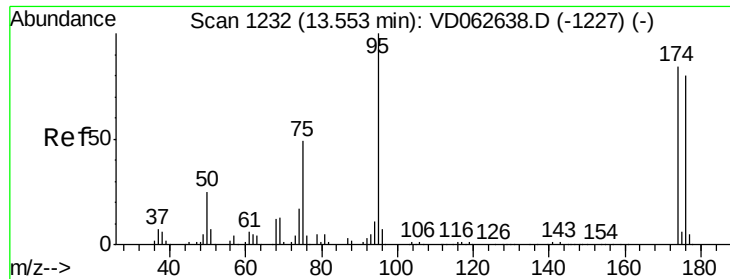
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->

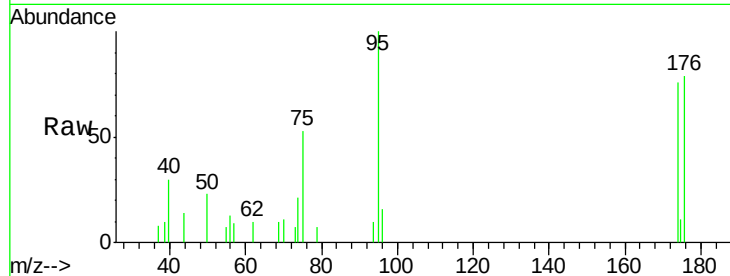
11.53



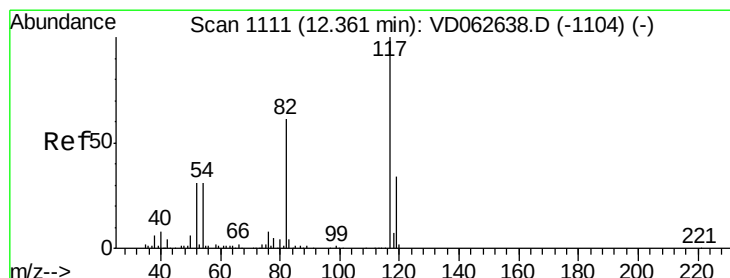
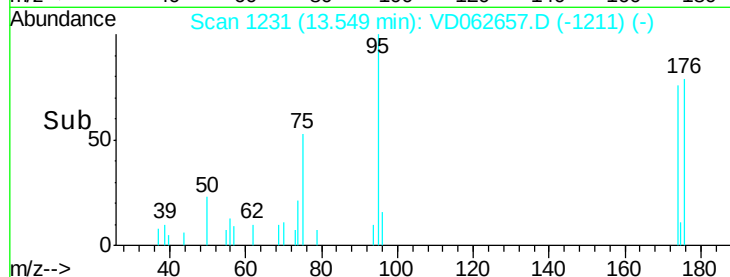
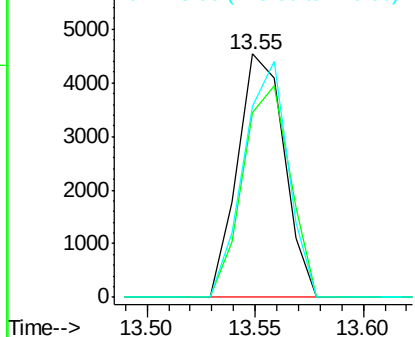
#62
4-Bromofluorobenzene
Concen: 37.907 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
SB-9_1.0-1.5_060719

Tgt Ion: 95 Resp: 6796
Ion Ratio Lower Upper
95 100
174 75.7 0.0 167.0
176 78.8 0.0 159.2

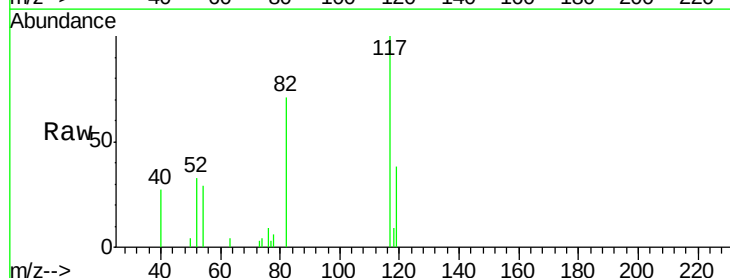


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

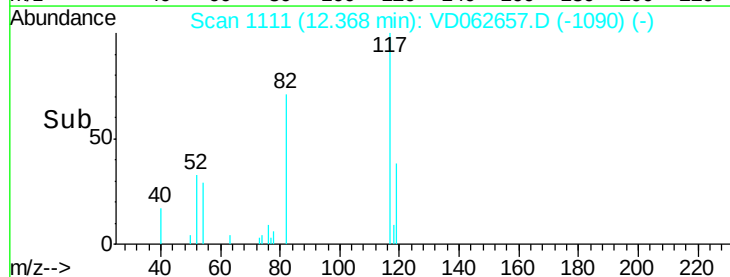
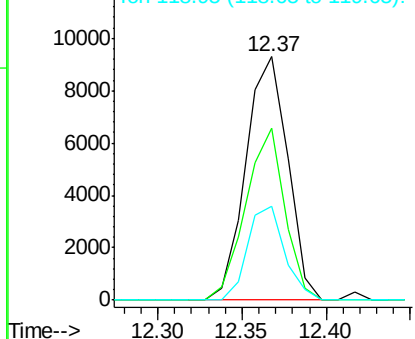


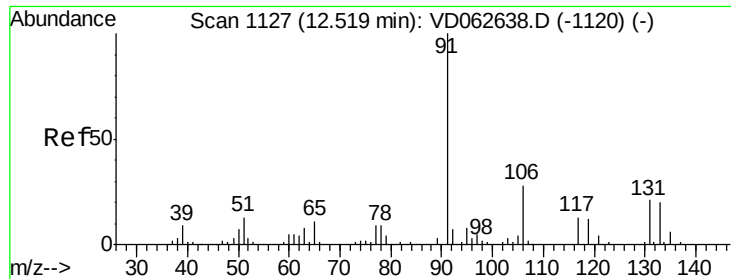
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Tgt Ion: 117 Resp: 15995
Ion Ratio Lower Upper
117 100
82 70.7 48.7 73.1
119 38.4 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

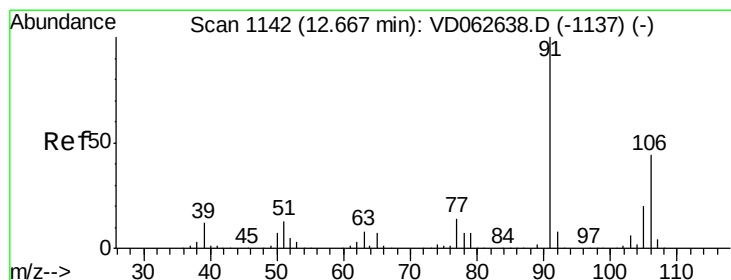
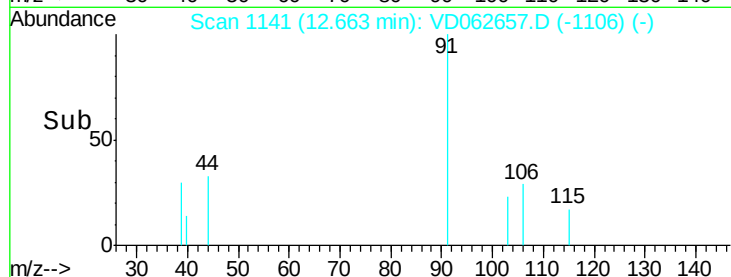
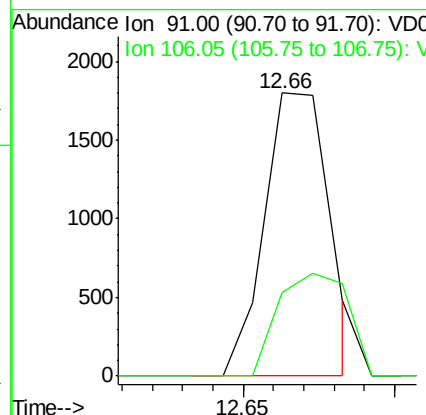
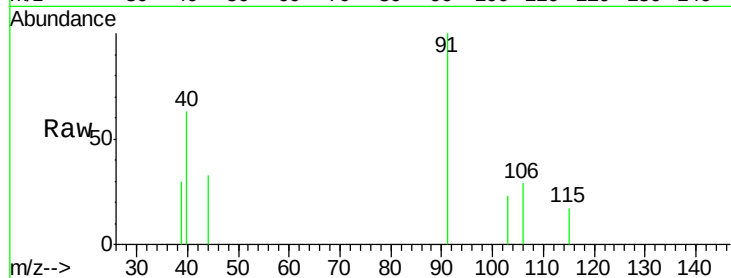




#67
Ethyl Benzene
Concen: 4.266 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. 0.14 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

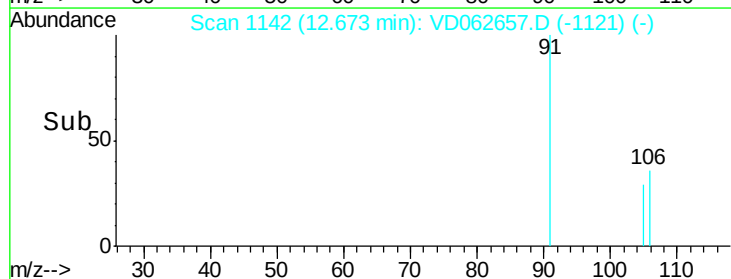
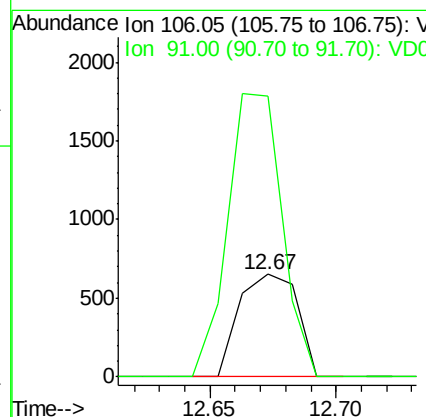
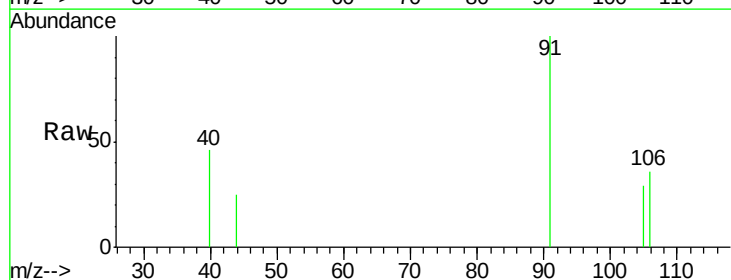
Instrument :
MSVOA_D
ClientSampleId :
SB-9_1.0-1.5_060719

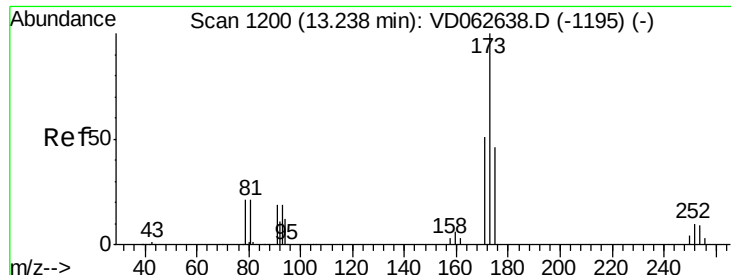
Tgt Ion: 91 Resp: 2676
Ion Ratio Lower Upper
91 100
106 29.3 22.1 33.1



#68
m/p-Xylenes
Concen: 4.725 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Tgt Ion: 106 Resp: 1042
Ion Ratio Lower Upper
106 100
91 274.5 180.2 270.4#





#71

Bromoform

Concen: 4.209 ug/l

RT: 13.30 min Scan# 1206

Delta R.T. 0.07 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB-9_1.0-1.5_060719

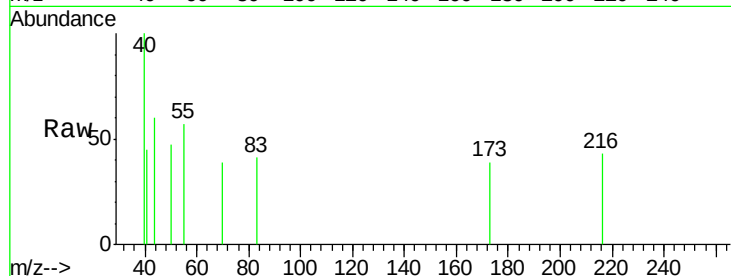
Tgt Ion:173 Resp: 189

Ion Ratio Lower Upper

173 100

175 0.0 22.9 68.7#

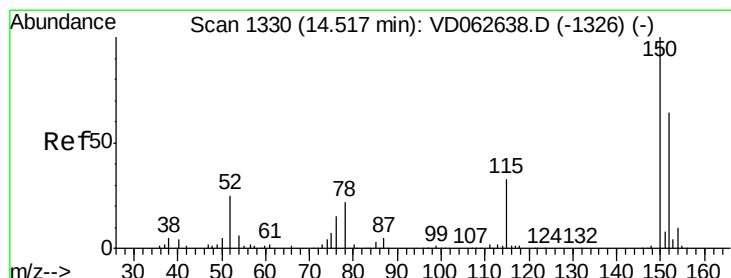
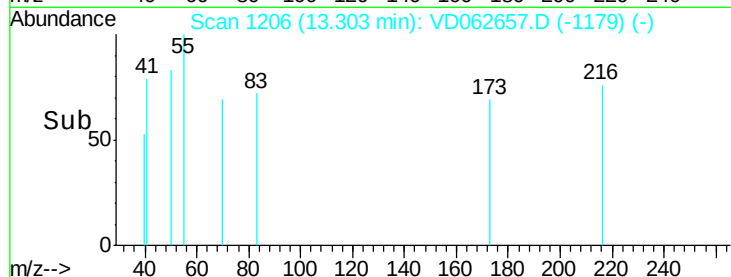
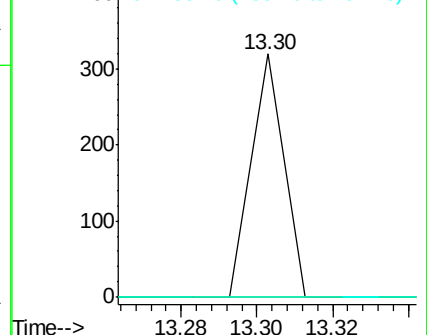
254 0.0 7.0 10.4#



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: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

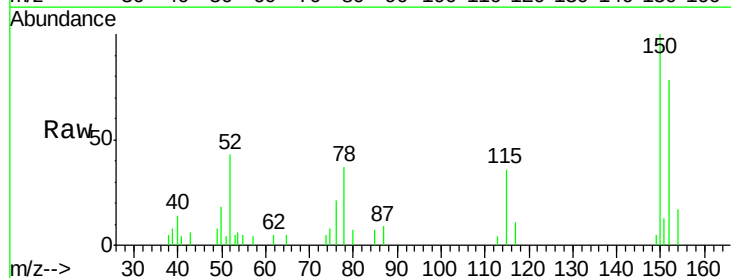
Tgt Ion:152 Resp: 7976

Ion Ratio Lower Upper

152 100

115 46.0 30.1 90.5

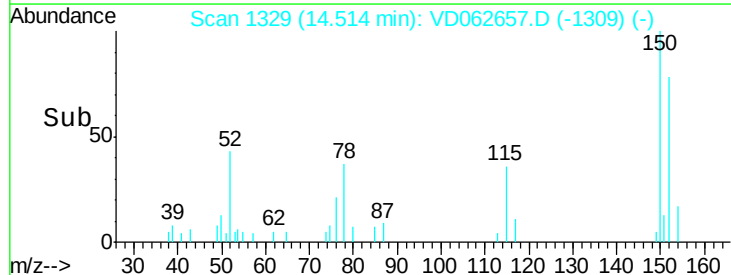
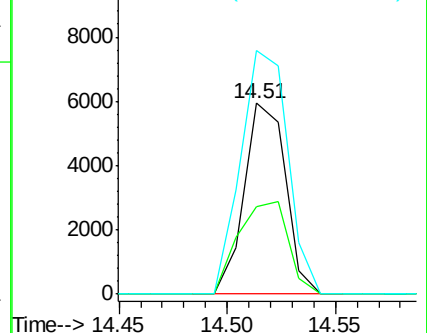
150 127.5 0.0 314.0

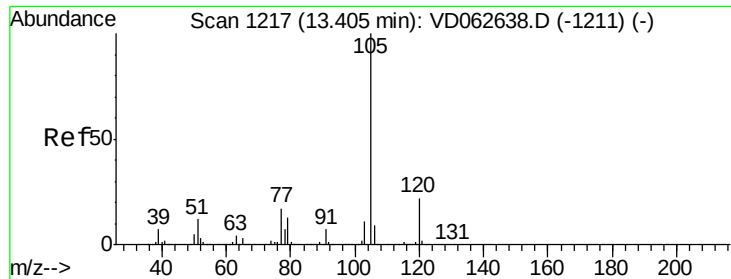


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.092 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

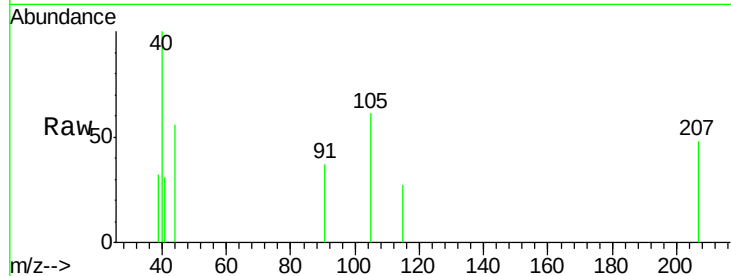
SB-9_1.0-1.5_060719

Tgt Ion: 105 Resp: 614

Ion Ratio Lower Upper

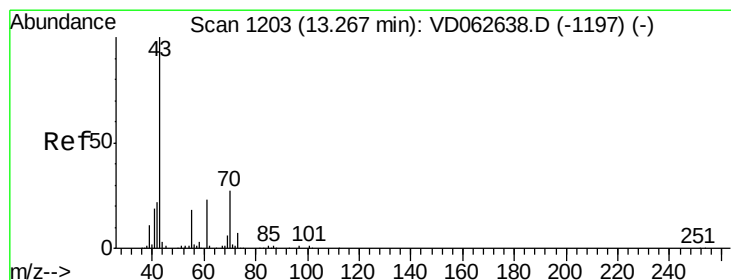
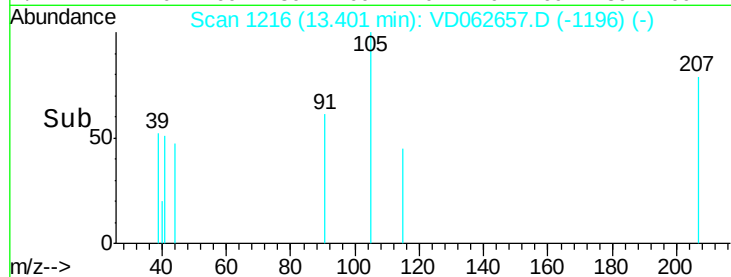
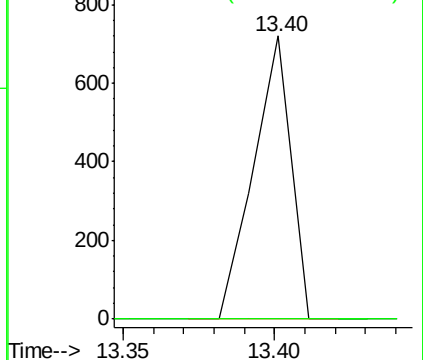
105 100

120 0.0 10.9 32.7#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 1.928 ug/l

RT: 13.20 min Scan# 1196

Delta R.T. -0.06 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Tgt Ion: 43 Resp: 293

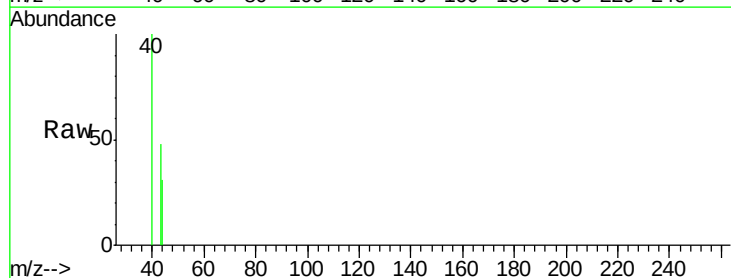
Ion Ratio Lower Upper

43 100

70 0.0 21.8 32.8#

55 0.0 14.6 21.8#

61 0.0 18.4 27.6#

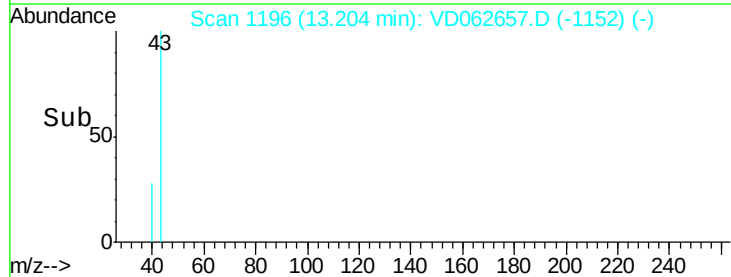
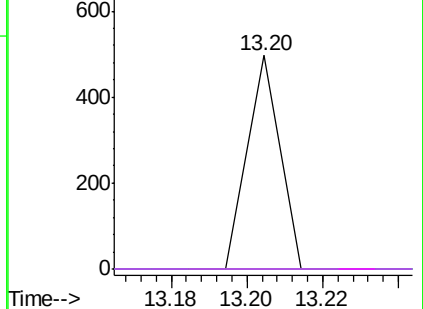


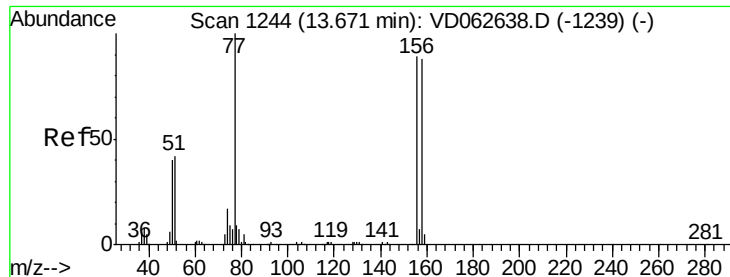
Abundance Ion 42.95 (42.65 to 43.65): V

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





#77

Bromobenzene

Concen: 1.270 ug/l

RT: 13.54 min Scan# 1230

Delta R.T. -0.13 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB-9 1.0-1.5 060719

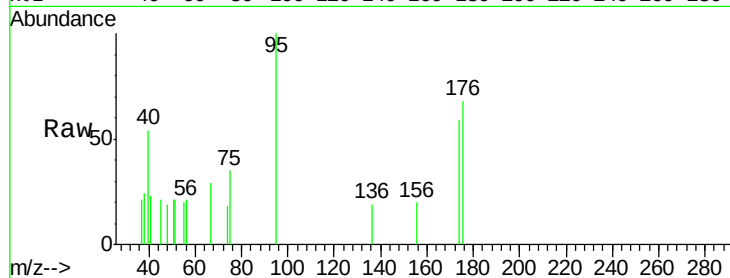
Tgt Ion: 156 Resp: 204

Ion Ratio Lower Upper

156 100

77 0.0 56.3 168.8#

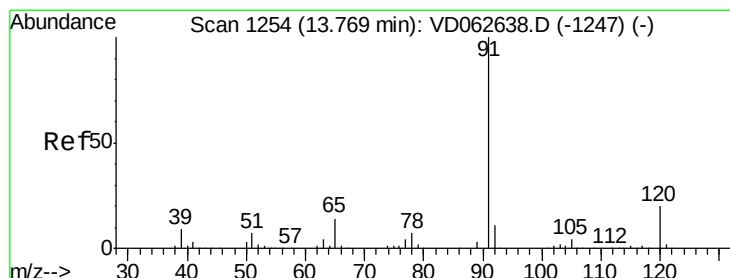
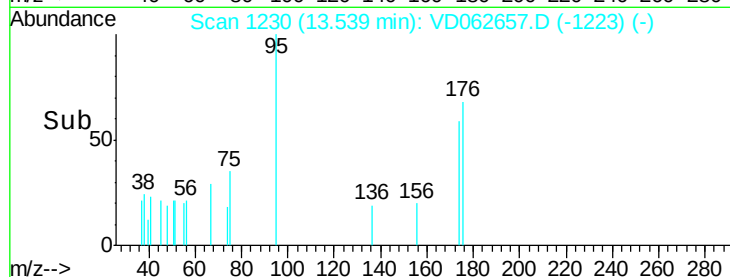
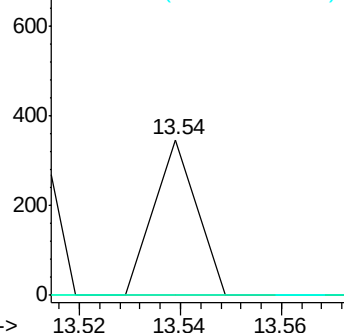
158 0.0 49.6 148.8#



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 1.606 ug/l

RT: 13.78 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VD062657.D

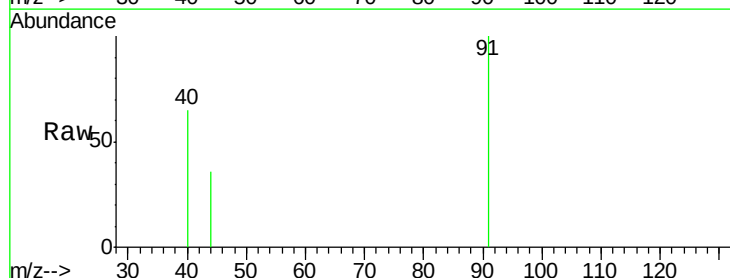
Acq: 10 Jun 2019 16:54

Tgt Ion: 91 Resp: 1105

Ion Ratio Lower Upper

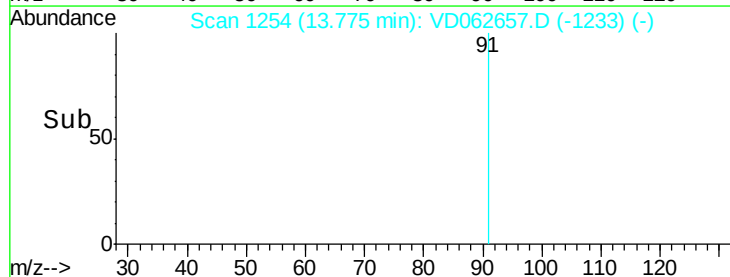
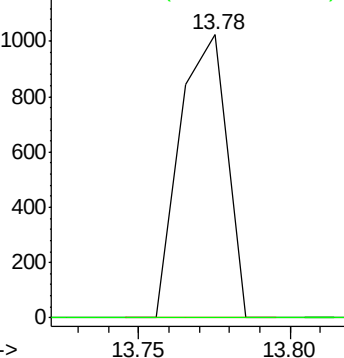
91 100

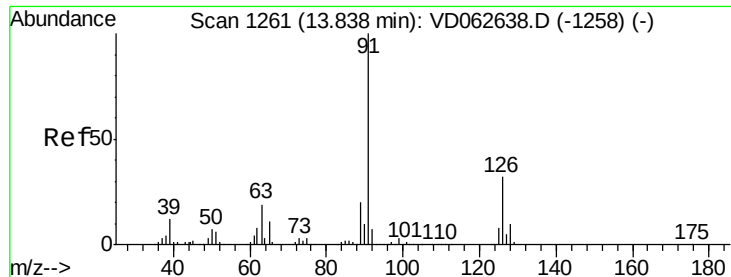
120 0.0 9.8 29.5#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 1.070 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

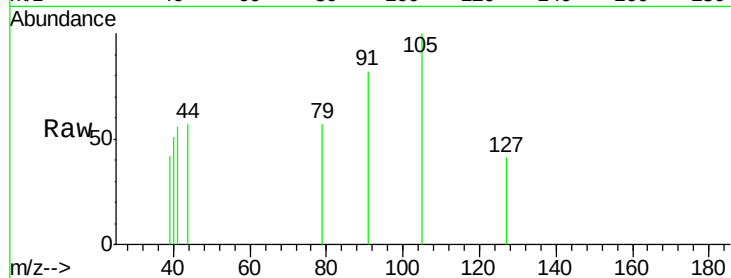
SB-9_1.0-1.5_060719

Tgt Ion: 91 Resp: 431

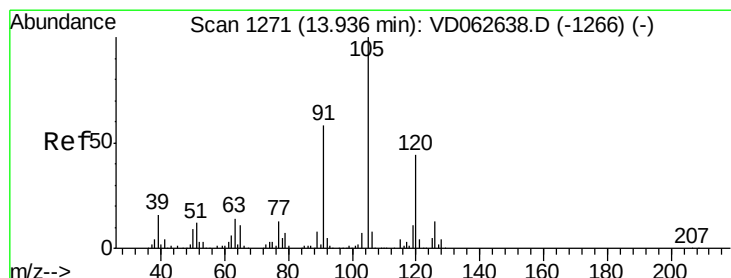
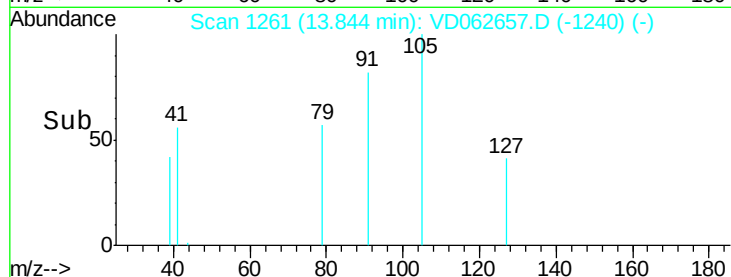
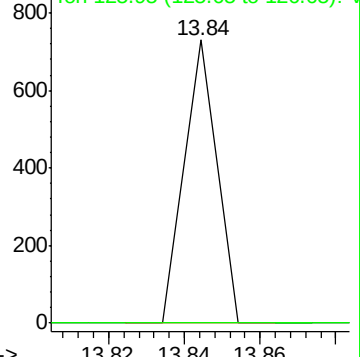
Ion Ratio Lower Upper

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: 2.321 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD062657.D

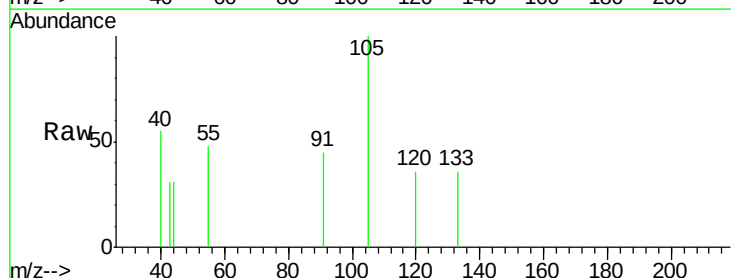
Acq: 10 Jun 2019 16:54

Tgt Ion: 105 Resp: 1153

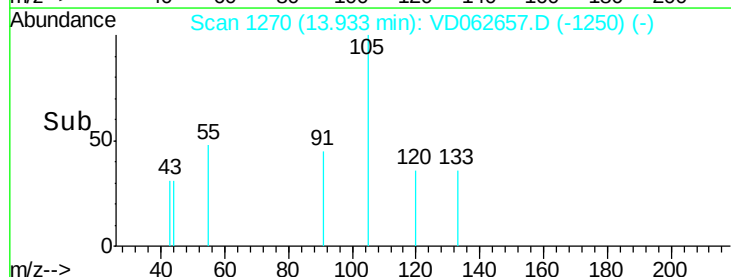
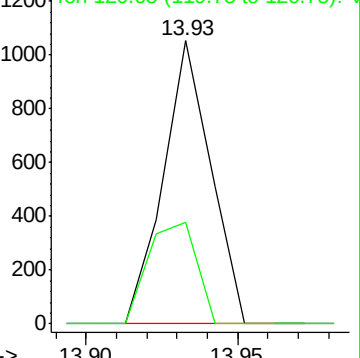
Ion Ratio Lower Upper

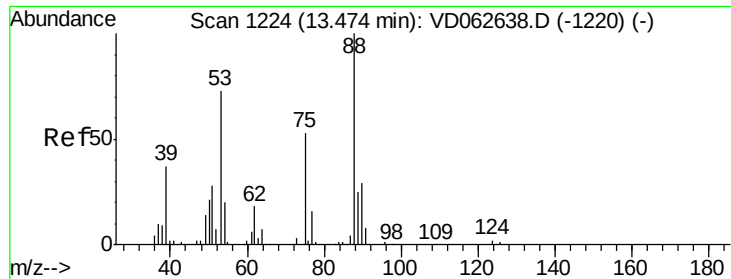
105 100

120 35.7 22.1 66.5



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

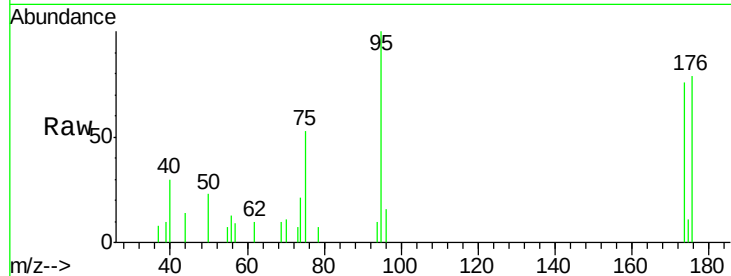




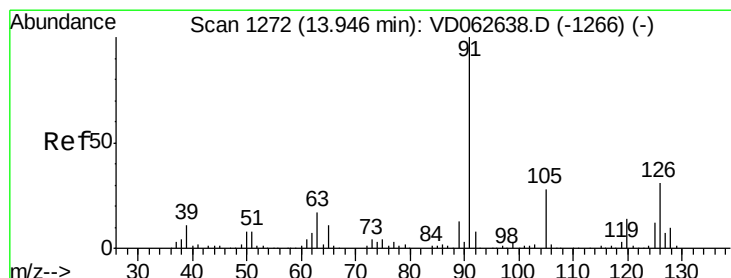
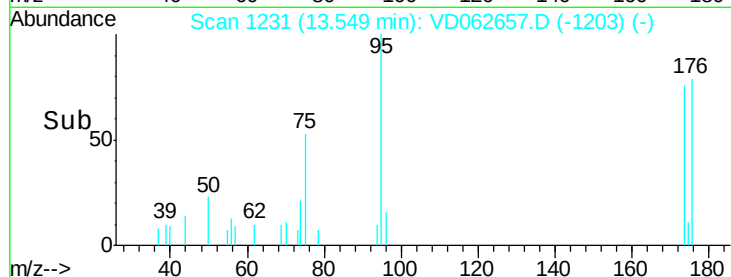
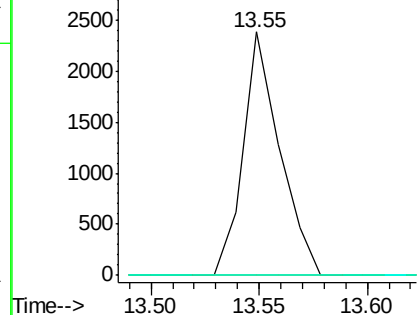
#81
trans-1,4-Dichloro-2-butene
Concen: 84.571 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Instrument :
MSVOA_D
ClientSampleId :
SB-9_1.0-1.5_060719

Tgt Ion: 75 Resp: 2806
Ion Ratio Lower Upper
75 100
53 0.0 109.4 164.2#
89 0.0 37.0 55.6#

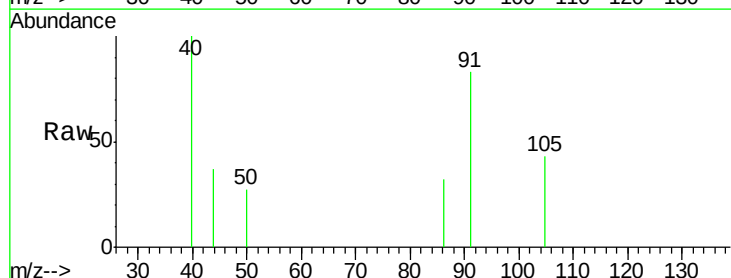


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

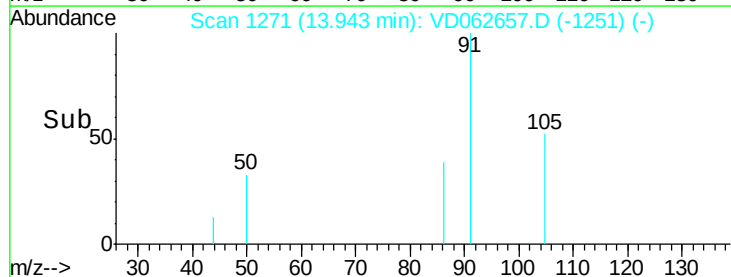
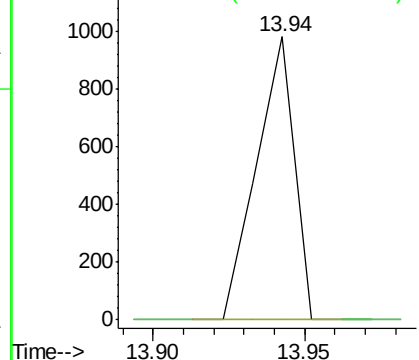


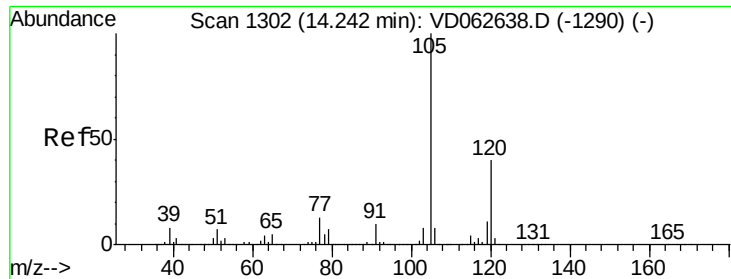
#82
4-Chlorotoluene
Concen: 1.783 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VD062657.D
Acq: 10 Jun 2019 16:54

Tgt Ion: 91 Resp: 859
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



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

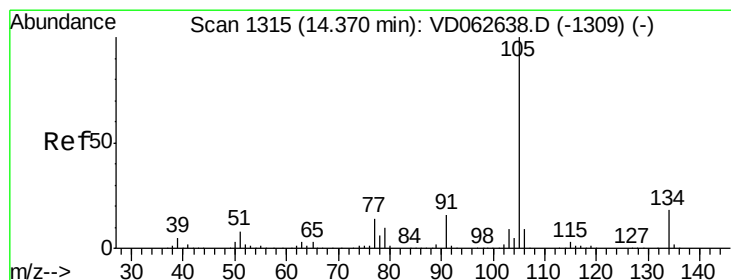
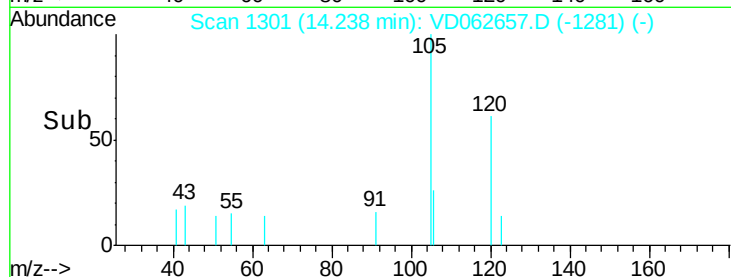
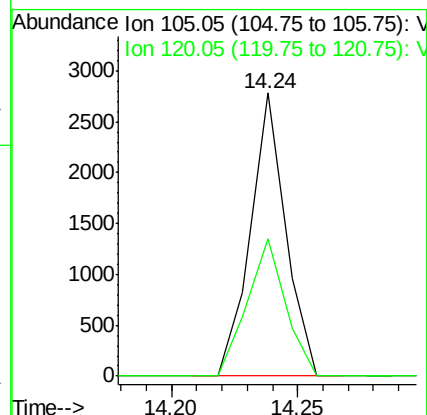
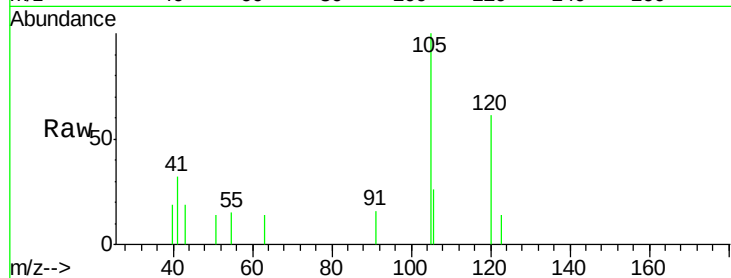




#84
 1,2,4-Trimethylbenzene
 Concen: 5.468 ug/l
 RT: 14.24 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

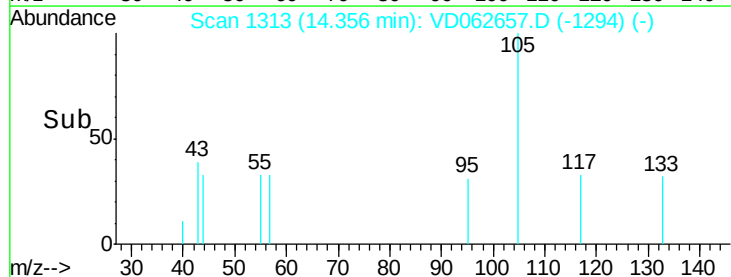
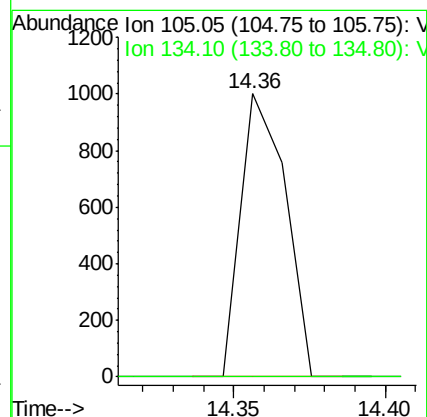
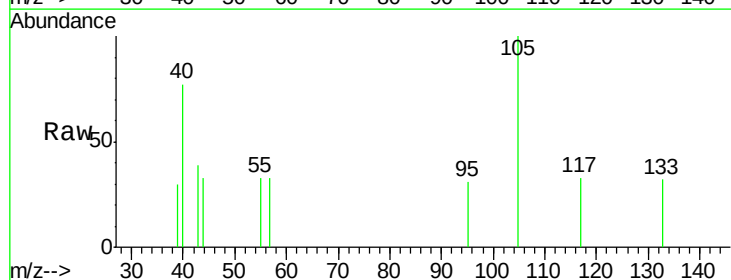
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9_1.0-1.5_060719

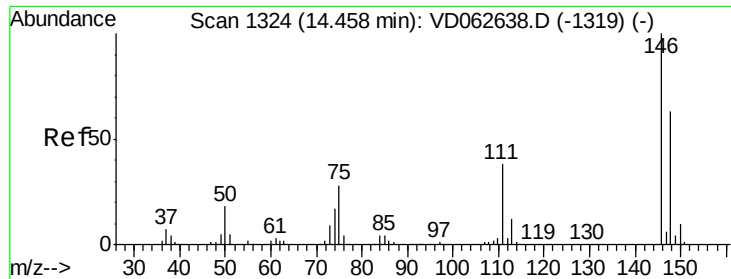
Tgt Ion:105 Resp: 2690
 Ion Ratio Lower Upper
 105 100
 120 48.7 20.3 60.8



#85
 sec-Butylbenzene
 Concen: 1.806 ug/l
 RT: 14.36 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

Tgt Ion:105 Resp: 1038
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.8 26.2#

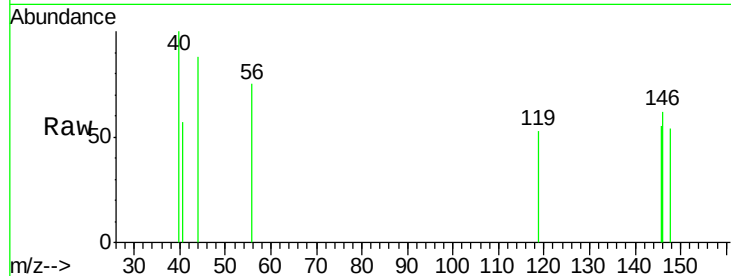




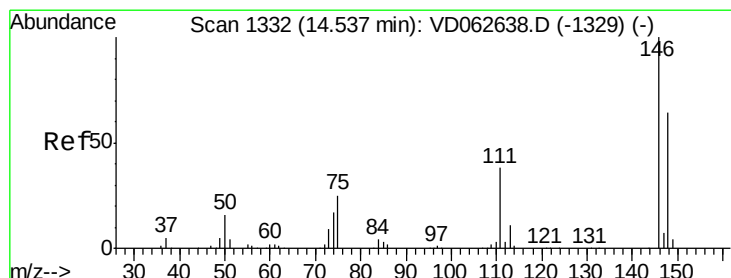
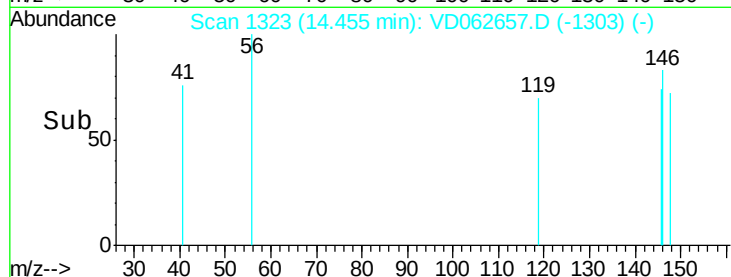
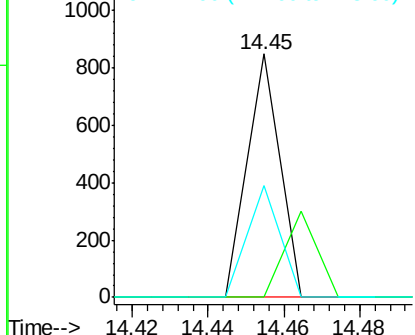
#87
 1,3-Dichlorobenzene
 Concen: 1.721 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9_1.0-1.5_060719

Tgt Ion:146 Resp: 501
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.2 57.6#
 148 46.1 31.6 95.0

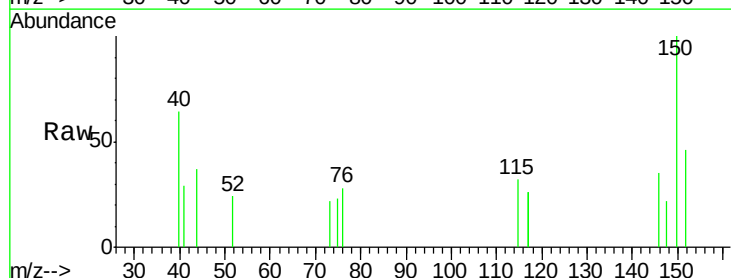


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

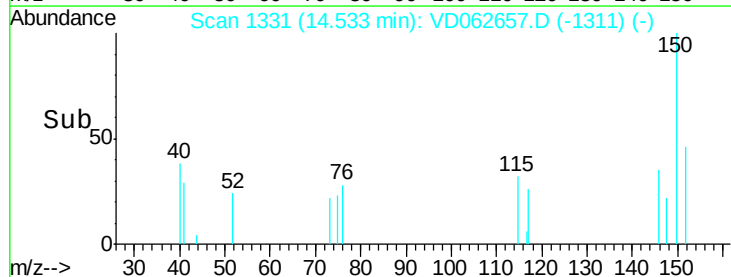
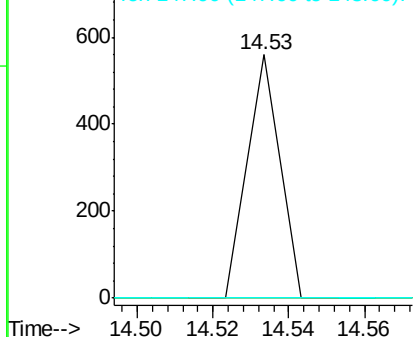


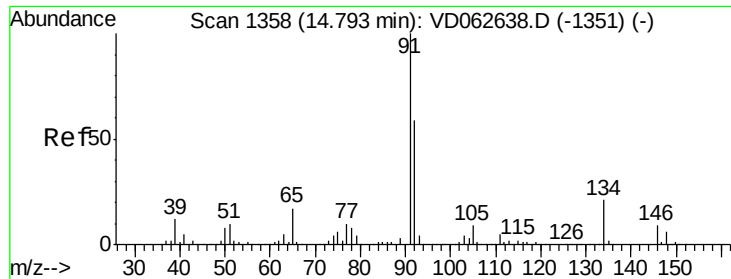
#88
 1,4-Dichlorobenzene
 Concen: 1.203 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

Tgt Ion:146 Resp: 331
 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





#89

n-Butylbenzene

Concen: 3.956 ug/l

RT: 14.79 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VD062657.D

Acq: 10 Jun 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

SB-9 1.0-1.5 060719

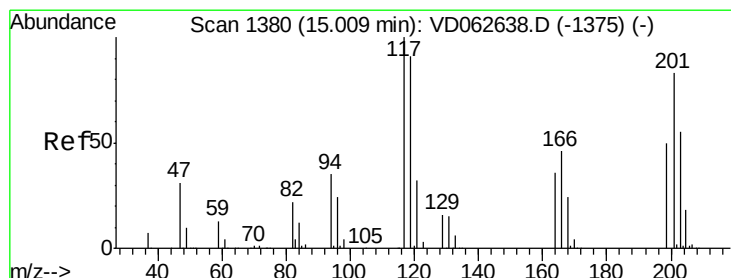
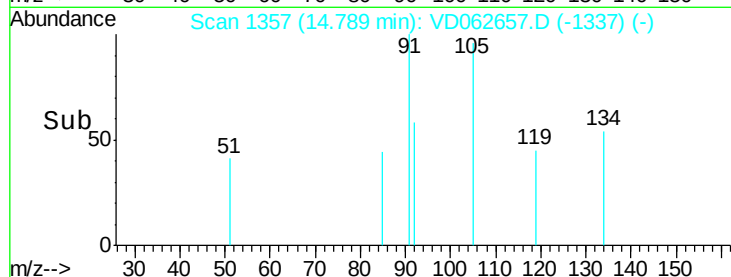
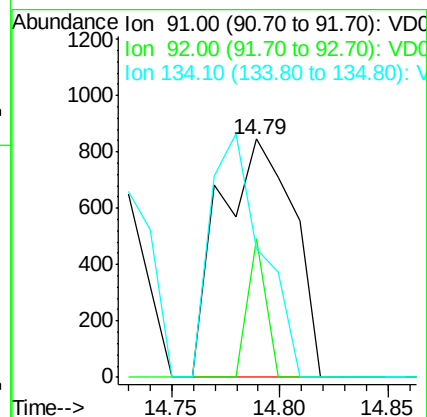
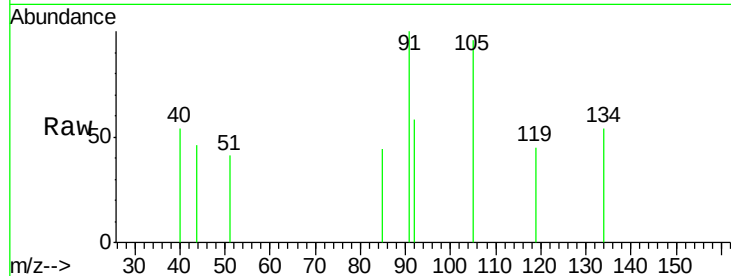
Tgt Ion: 91 Resp: 1991

Ion Ratio Lower Upper

91 100

92 58.2 29.4 88.3

134 53.7 10.4 31.2#



#90

Hexachloroethane

Concen: 1.286 ug/l

RT: 14.99 min Scan# 1377

Delta R.T. -0.02 min

Lab File: VD062657.D

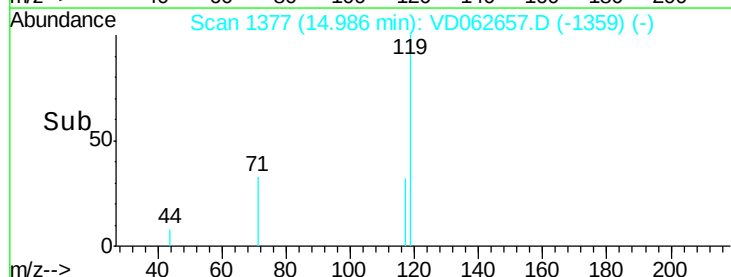
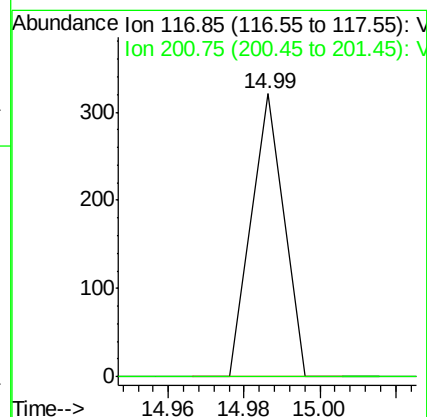
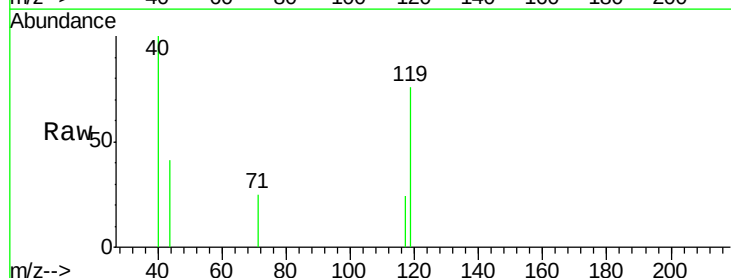
Acq: 10 Jun 2019 16:54

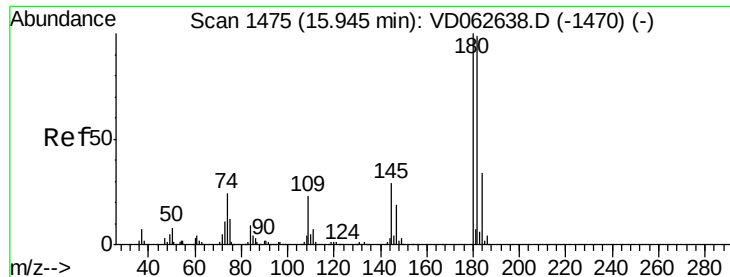
Tgt Ion: 117 Resp: 190

Ion Ratio Lower Upper

117 100

201 0.0 41.5 124.6#

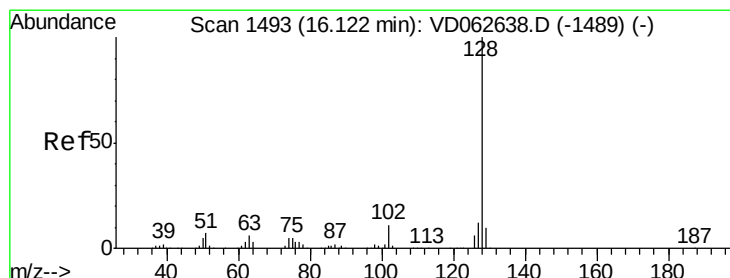
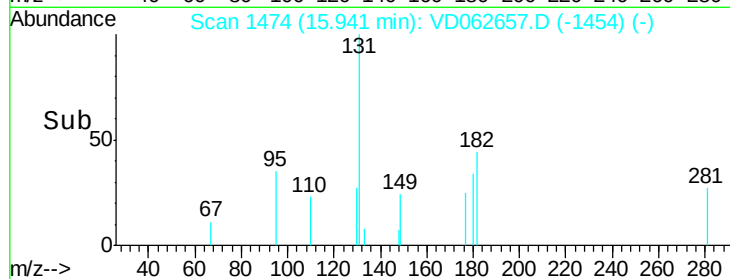
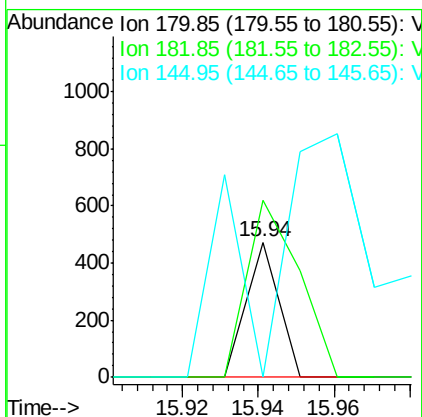
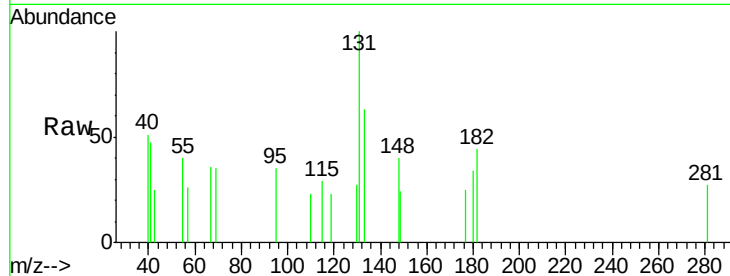




#93
 1,2,4-Trichlorobenzene
 Concen: 4.830 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

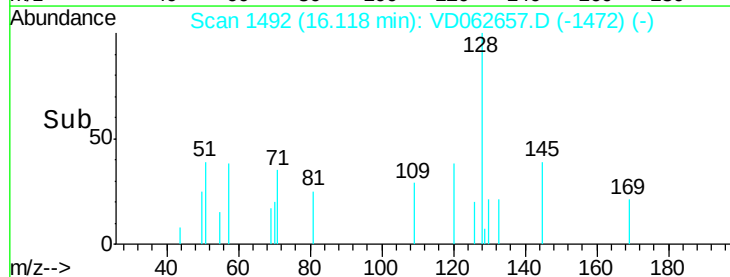
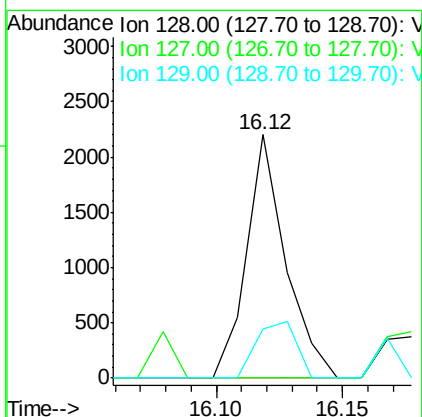
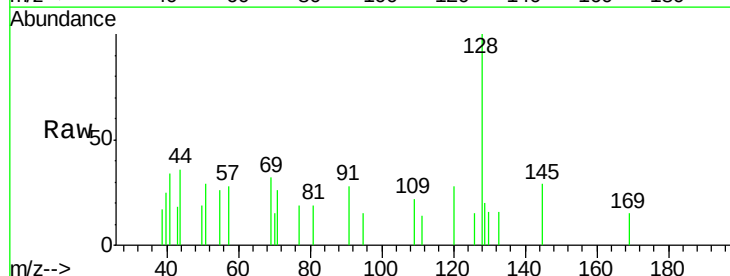
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9_1.0-1.5_060719

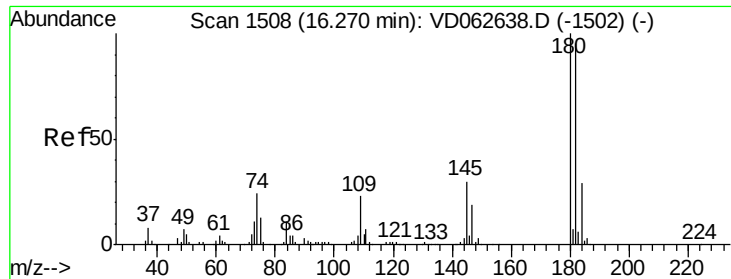
Tgt Ion:180 Resp: 279
 Ion Ratio Lower Upper
 180 100
 182 130.7 49.4 148.2
 145 0.0 14.5 43.6#



#95
 Naphthalene
 Concen: 11.087 ug/l
 RT: 16.12 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

Tgt Ion:128 Resp: 2374
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.7 14.5#
 129 20.1 8.1 12.1#

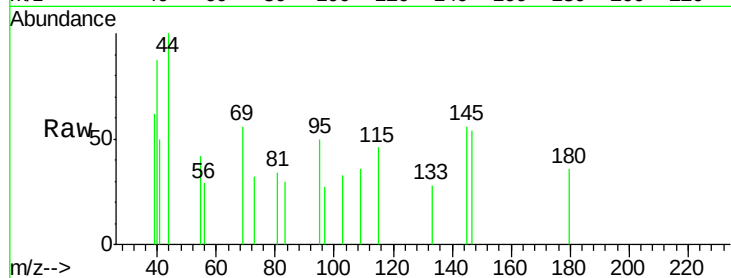




#96
 1,2,3-Trichlorobenzene
 Concen: 1.765 ug/l
 RT: 16.28 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VD062657.D
 Acq: 10 Jun 2019 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9_1.0-1.5_060719

Tgt Ion:180 Resp: 246
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.7 143.1#
 145 155.3 15.0 45.0#



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

