

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062148.D
 Acq On : 7 May 2019 23:29
 Operator : FY/SY
 Sample : K2673-01
 Misc : 5.02g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11-1.5-2.0

Quant Time: May 08 04:33:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	4061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	7672	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	7815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	3052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	1955	51.80	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	6.88	113	1543	24.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.48%	
50) Toluene-d8	10.39	98	6676	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	
62) 4-Bromofluorobenzene	13.55	95	2745	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	

Target Compounds

						Qvalue
5) Bromomethane	2.15	94	261	40.385	ug/l #	12
10) Methyl Iodide	3.31	142	992	16.181	ug/l #	80
51) 4-Methyl-2-Pentanone	10.26	43	247	10.157	ug/l #	37
52) Toluene	10.51	92	529	5.724	ug/l #	37
59) 2-Hexanone	11.52	43	200	11.158	ug/l #	27
65) Chlorobenzene	12.38	112	1207	8.292	ug/l #	42
67) Ethyl Benzene	12.51	91	1672	6.861	ug/l #	44
68) m/p-Xylenes	12.50	106	227	2.560	ug/l	94
69) o-Xylene	13.03	106	273	3.312	ug/l	71
70) Styrene	13.05	104	662	4.741	ug/l #	31
71) Bromoform	13.22	173	213	4.833	ug/l #	35
73) Isopropylbenzene	13.40	105	2282	12.474	ug/l	92
74) N-amyl acetate	13.24	43	194	4.045	ug/l #	49
76) 1,2,3-Trichloropropane	13.71	75	206	5.680	ug/l #	42
77) Bromobenzene	13.65	156	415	8.103	ug/l	92
78) n-propylbenzene	13.76	91	2515	11.524	ug/l	98
79) 2-Chlorotoluene	13.83	91	1141	9.129	ug/l #	61
80) 1,3,5-Trimethylbenzene	13.92	105	1754	11.385	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.55	75	909	88.775	ug/l #	16
82) 4-Chlorotoluene	13.94	91	1928	13.109	ug/l #	37
83) tert-Butylbenzene	14.18	119	1299	7.502	ug/l #	54
84) 1,2,4-Trimethylbenzene	14.22	105	1981	12.814	ug/l	87
85) sec-Butylbenzene	14.35	105	2735	14.406	ug/l #	60
86) p-Isopropyltoluene	14.48	119	1959	11.549	ug/l #	52
87) 1,3-Dichlorobenzene	14.44	146	1624	17.359	ug/l	75
88) 1,4-Dichlorobenzene	14.53	146	1472	16.013	ug/l	91
89) n-Butylbenzene	14.79	91	2080	13.662	ug/l #	77
90) Hexachloroethane	15.00	117	240	5.203	ug/l #	20
91) 1,2-Dichlorobenzene	14.80	146	1135	14.731	ug/l #	63
93) 1,2,4-Trichlorobenzene	15.94	180	632	11.270	ug/l #	66
94) Hexachlorobutadiene	16.03	225	523	12.539	ug/l	96
95) Naphthalene	16.11	128	1541	19.682	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.26	180	514	14.577	ug/l #	72

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SB-11-1.5-2.0

Quant Time: May 08 04:33:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

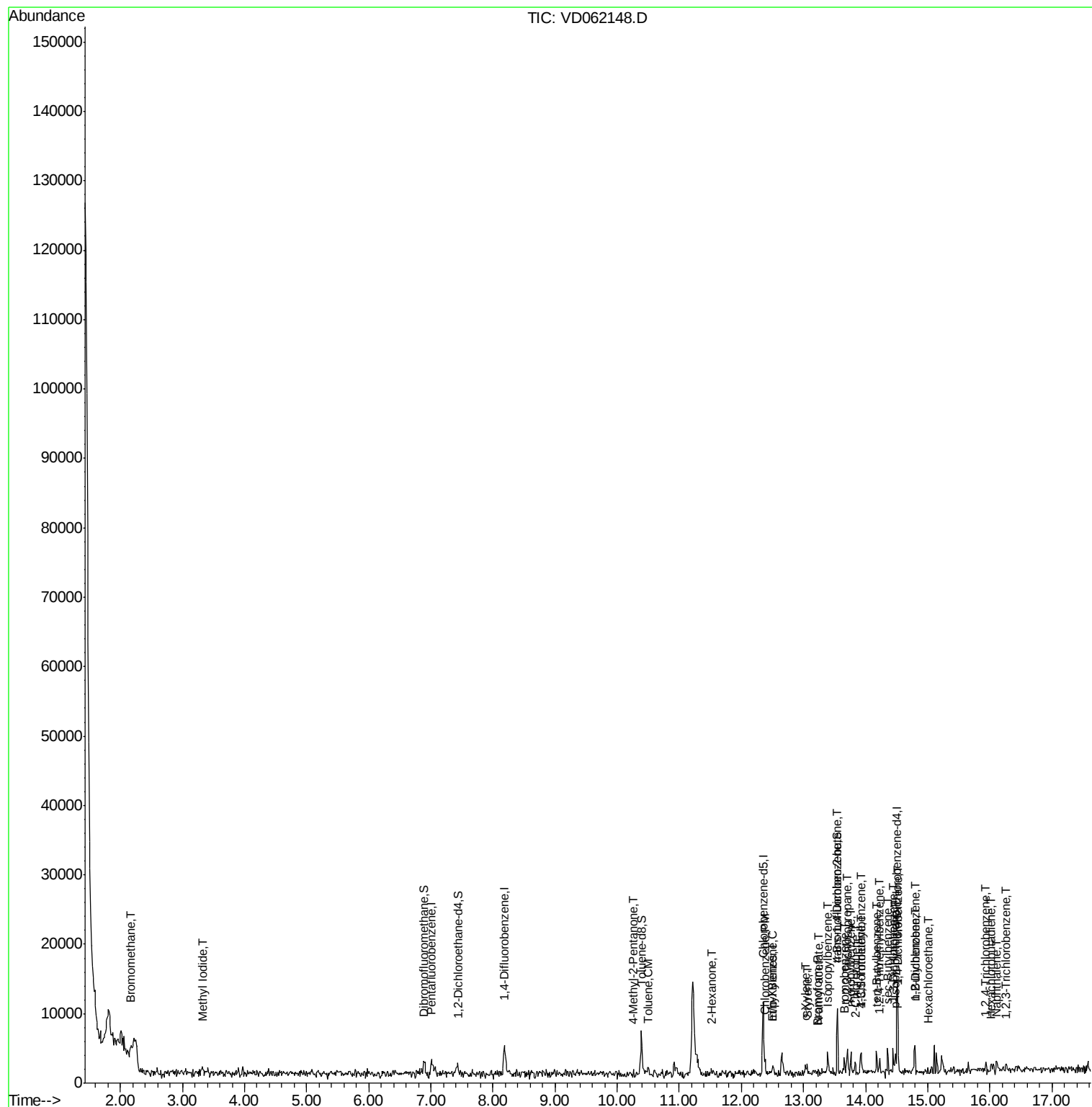
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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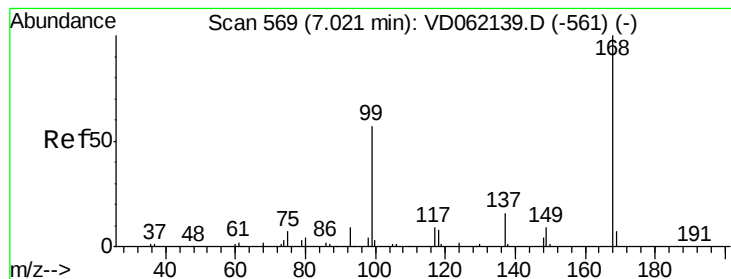
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

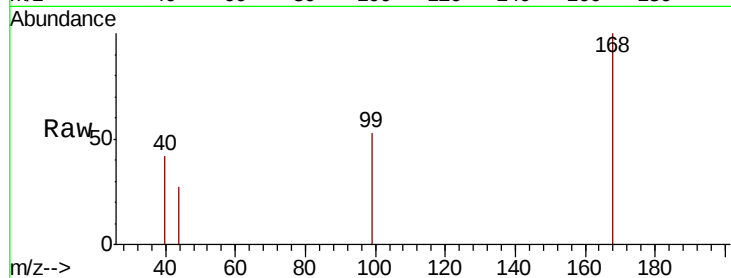
SB-11-1.5-2.0

Tot Ion:168 Resp: 4061

Ion Ratio Lower Upper

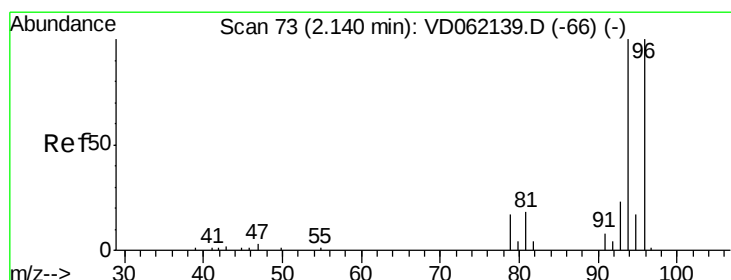
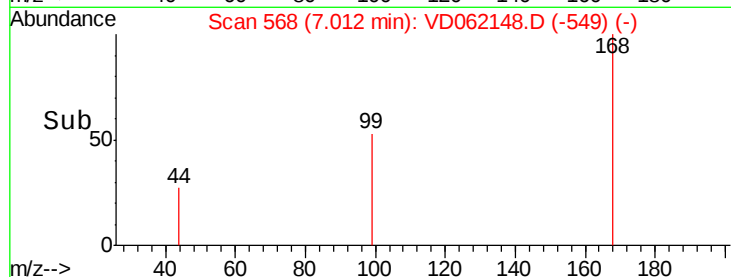
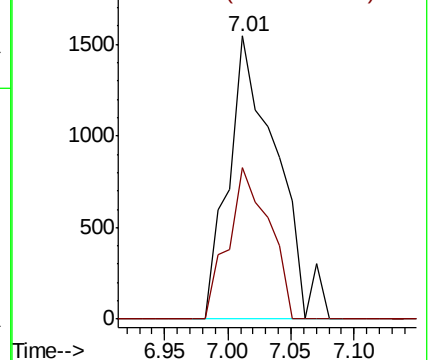
168 100

99 53.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 40.385 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

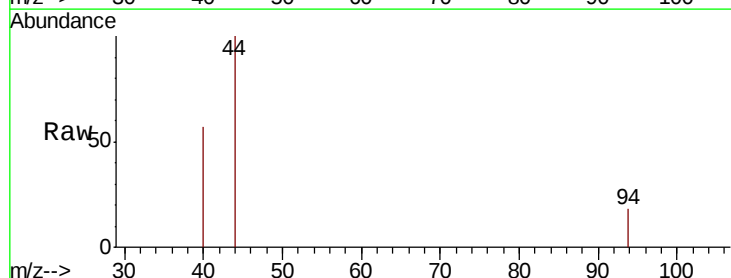
Tgt Ion: 94 Resp: 261

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

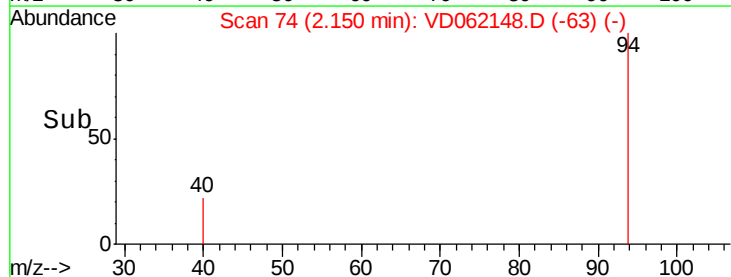
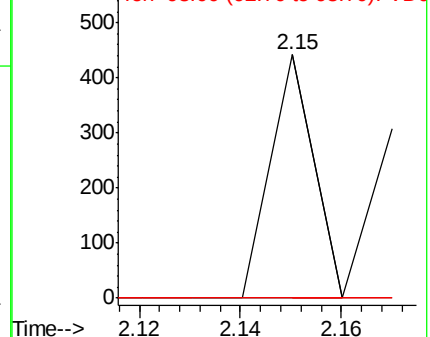
93 0.0 18.5 27.7#

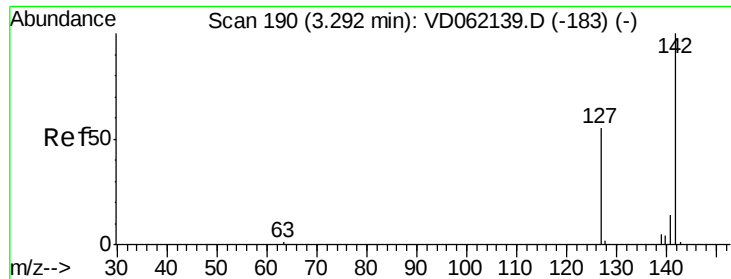


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

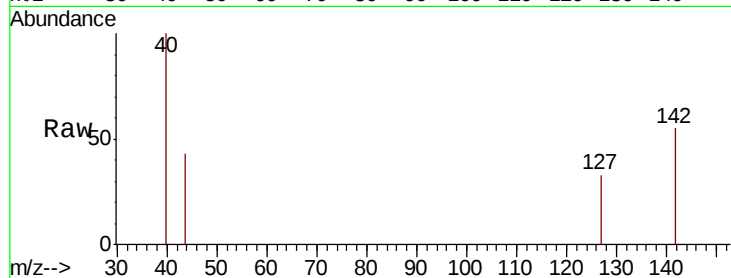




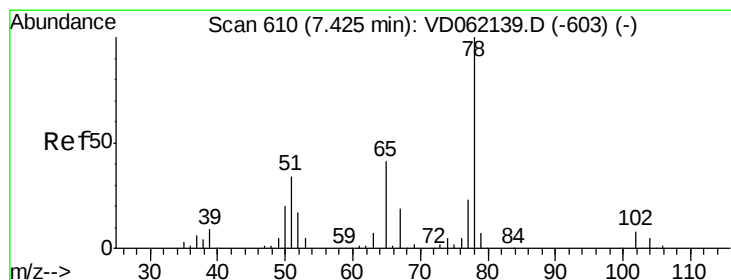
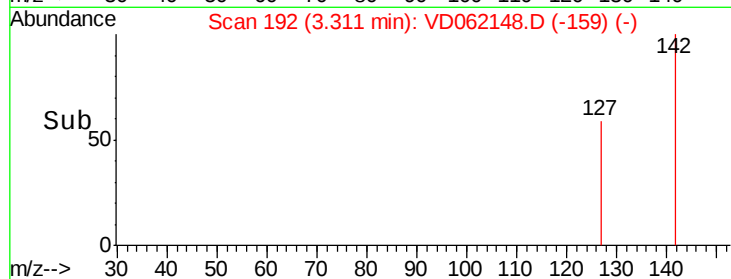
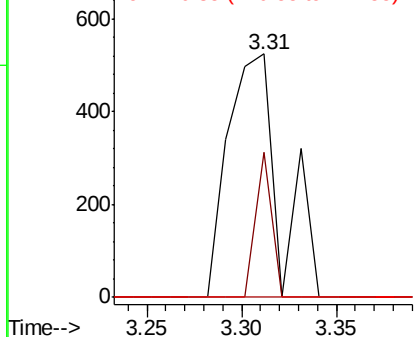
#10
Methvl Iodide
Concen: 16.181 ug/l
RT: 3.31 min Scan# 192
Delta R.T. 0.02 min
Lab File: VD062148.D
Acq: 7 May 2019 23:29

Instrument :
MSVOA_D
ClientSampleId :
SB-11-1.5-2.0

Tot Ion:142 Resp: 992
Ion Ratio Lower Upper
142 100
127 59.4 38.8 58.2#
141 0.0 11.4 17.0#

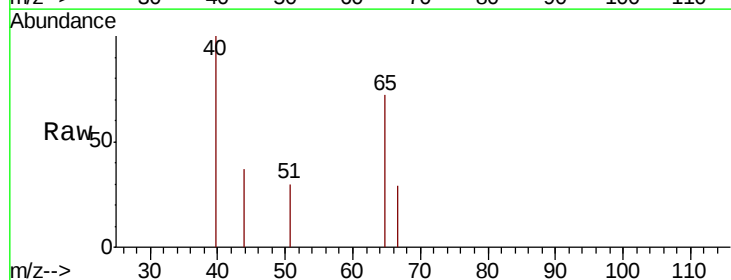


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

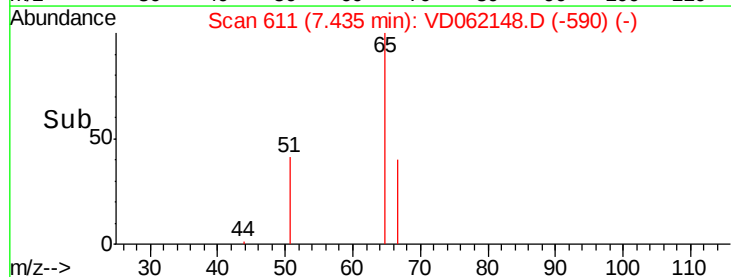
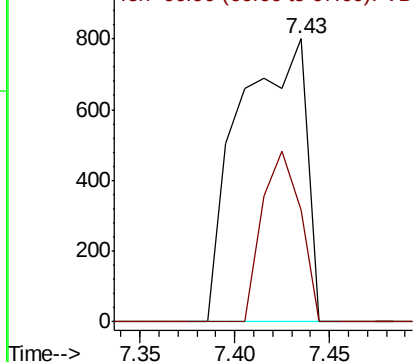


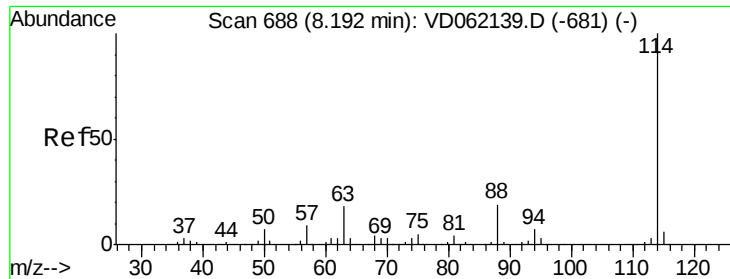
#33
1,2-Dichloroethane-d4
Concen: 51.803 ug/l
RT: 7.43 min Scan# 611
Delta R.T. 0.01 min
Lab File: VD062148.D
Acq: 7 May 2019 23:29

Tgt Ion: 65 Resp: 1955
Ion Ratio Lower Upper
65 100
67 39.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): V
Ion 66.90 (66.60 to 67.60): V

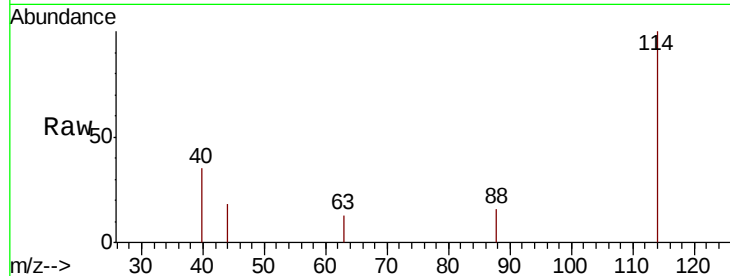




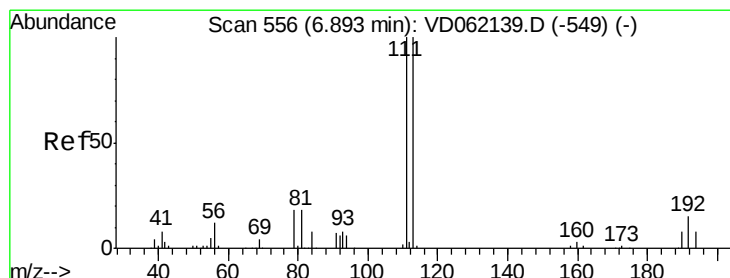
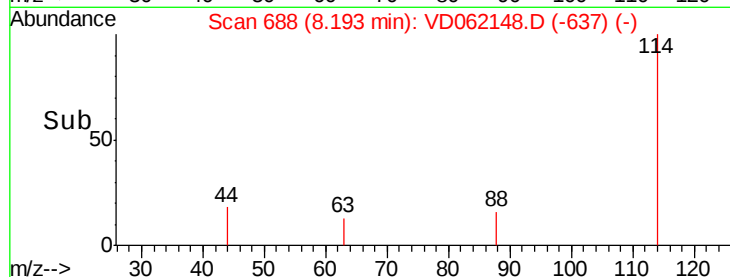
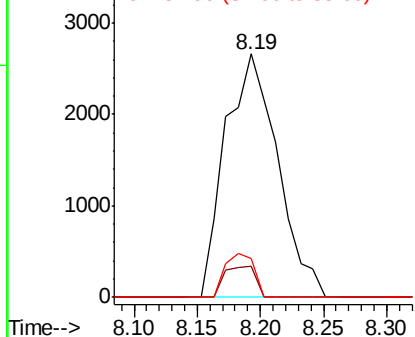
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

Instrument :
 MSVOA_D
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 SB-11-1.5-2.0

Tot Ion:114 Resp: 7672
 Ion Ratio Lower Upper
 114 100
 63 12.8 0.0 32.4
 88 16.1 0.0 33.6

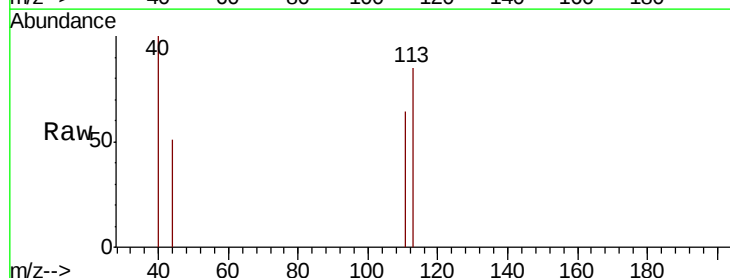


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

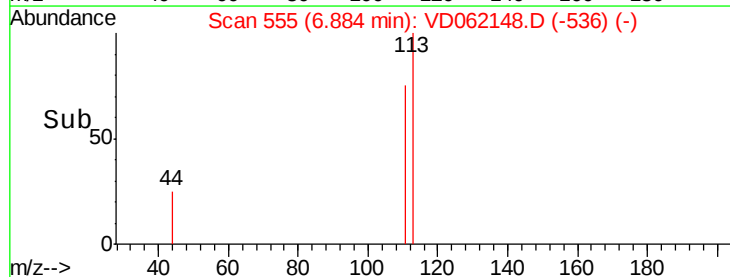
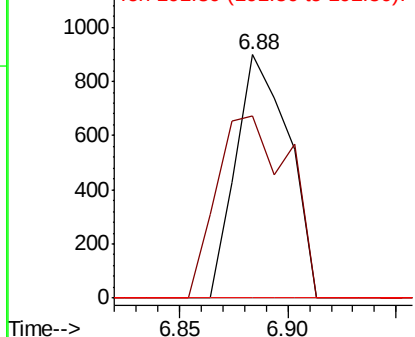


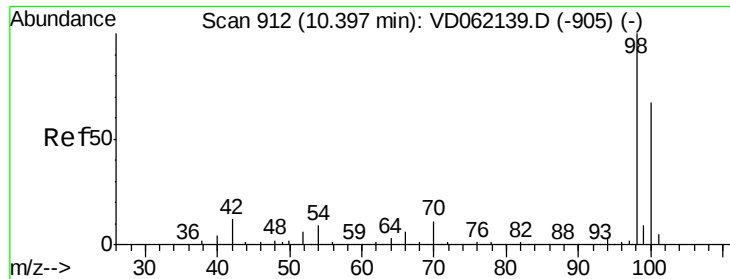
#35
 Dibromofluoromethane
 Concen: 24.240 ug/l
 RT: 6.88 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

Tgt Ion:113 Resp: 1543
 Ion Ratio Lower Upper
 113 100
 111 74.7 78.5 117.7#
 192 0.0 13.0 19.4#



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





#50

Toluene-d8

Concen: 43.498 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

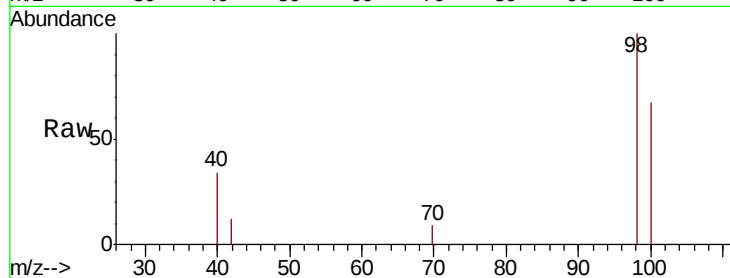
SB-11-1.5-2.0

Tot Ion: 98 Resp: 6676

Ion Ratio Lower Upper

98 100

100 66.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.39

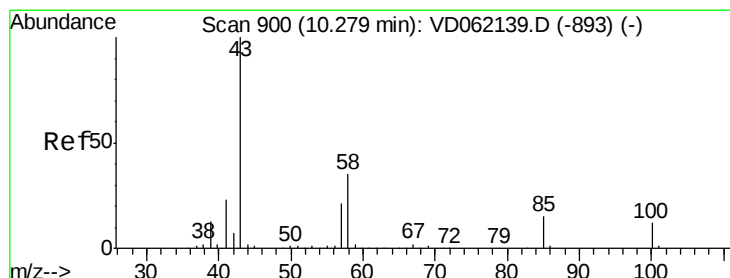
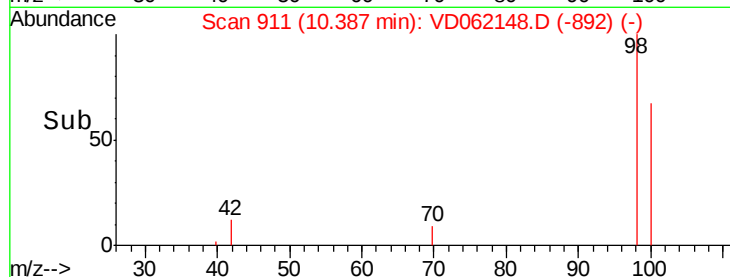
3000

2000

1000

0

Time--> 10.30 10.35 10.40 10.45



#51

4-Methyl-2-Pentanone

Concen: 10.157 ug/l

RT: 10.26 min Scan# 898

Delta R.T. -0.02 min

Lab File: VD062148.D

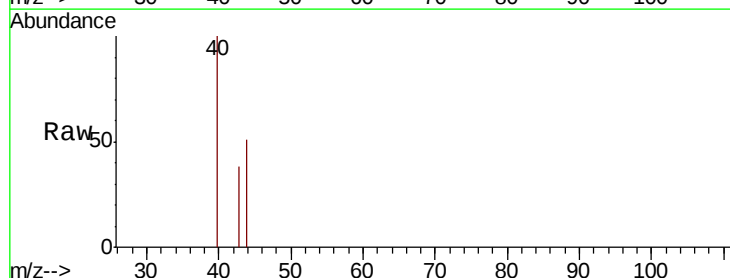
Acq: 7 May 2019 23:29

Tgt Ion: 43 Resp: 247

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.26

400

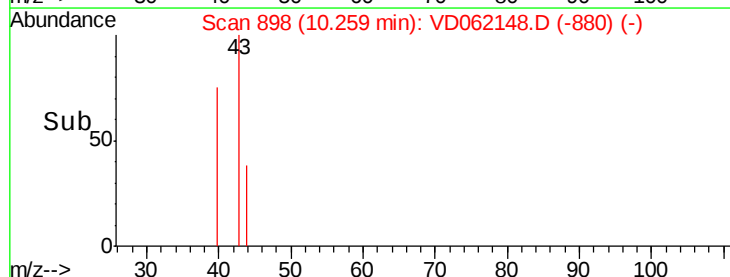
300

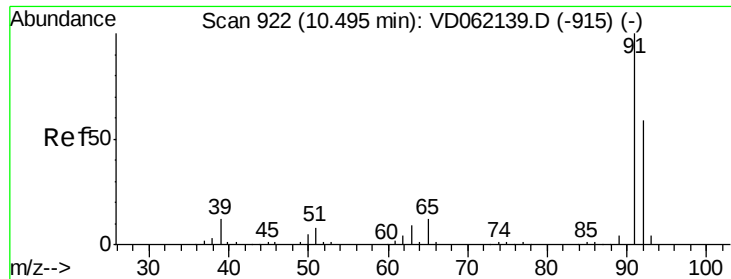
200

100

0

Time--> 10.22 10.24 10.26 10.28





#52

Toluene

Concen: 5.724 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

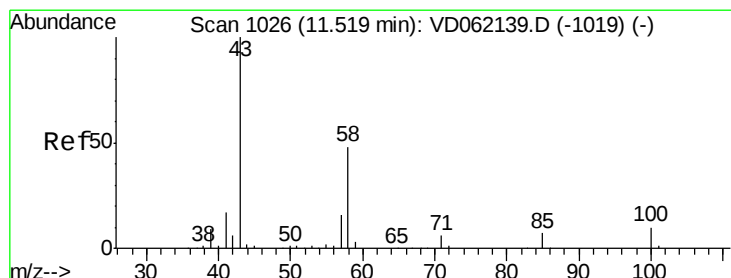
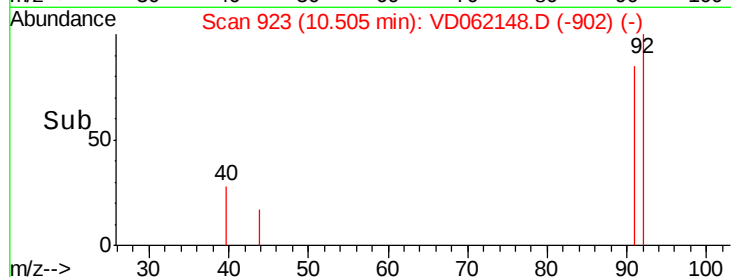
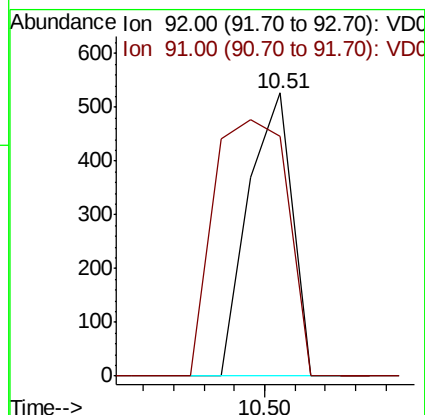
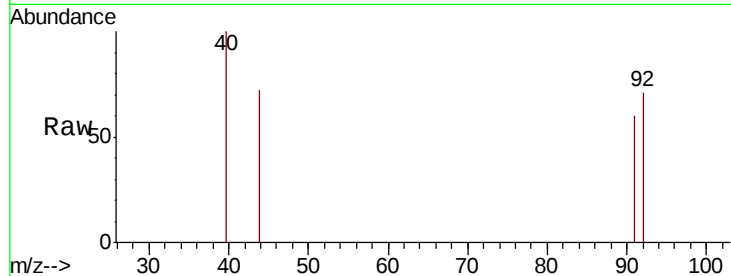
SB-11-1.5-2.0

Tot Ion: 92 Resp: 529

Ion Ratio Lower Upper

92 100

91 84.6 136.6 204.8#



#59

2-Hexanone

Concen: 11.158 ug/l

RT: 11.52 min Scan# 1026

Delta R.T. 0.00 min

Lab File: VD062148.D

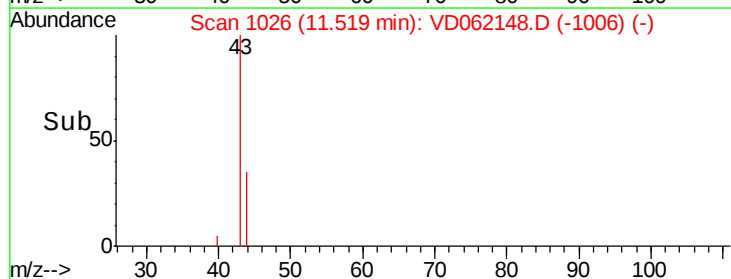
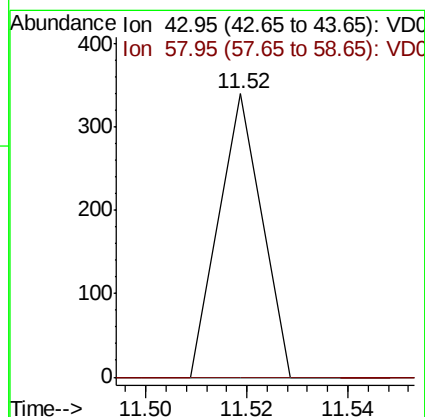
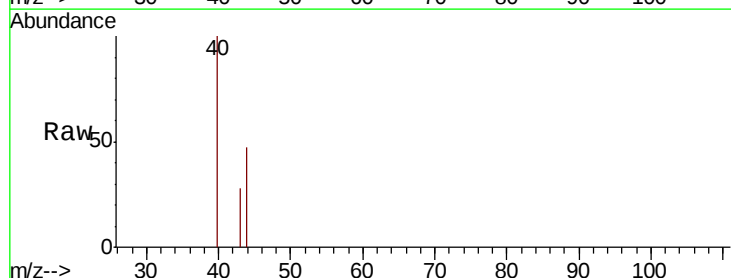
Acq: 7 May 2019 23:29

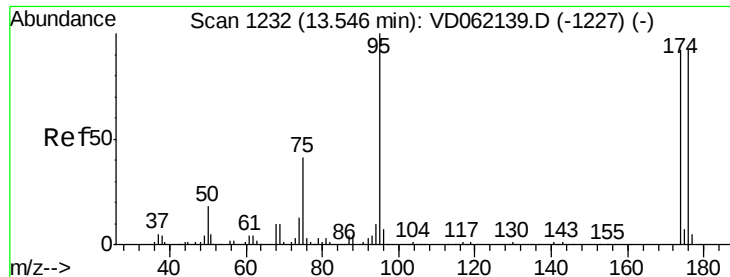
Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

43 100

58 0.0 25.4 76.4#

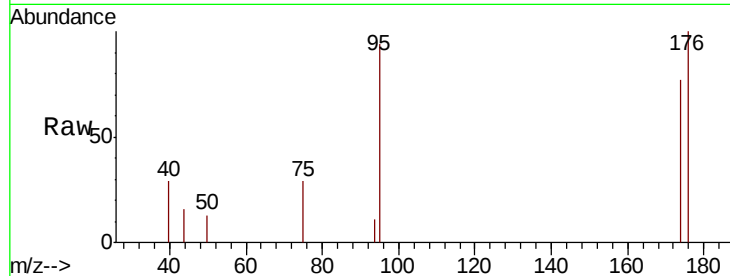




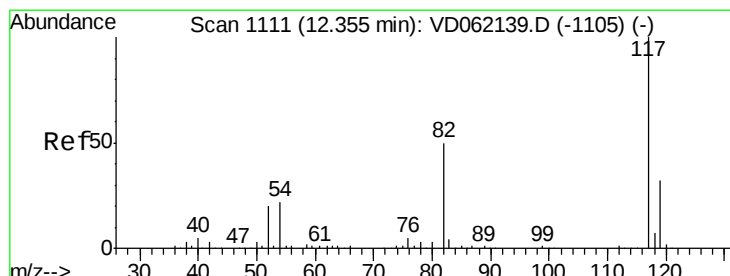
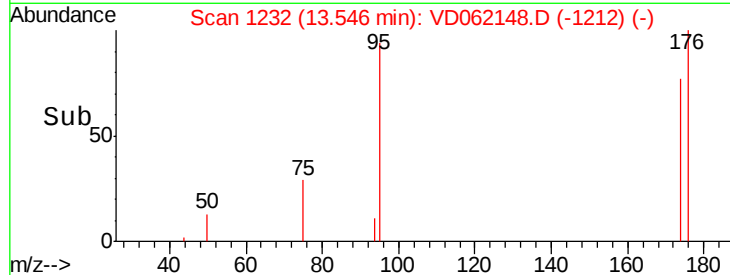
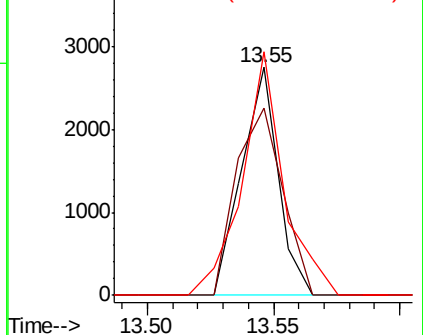
#62
4-Bromofluorobenzene
Concen: 44.539 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062148.D
Acq: 7 May 2019 23:29

Instrument :
MSVOA_D
ClientSampleId :
SB-11-1.5-2.0

Tot Ion: 95 Resp: 2745
Ion Ratio Lower Upper
95 100
174 82.2 0.0 181.8
176 106.8 0.0 174.4

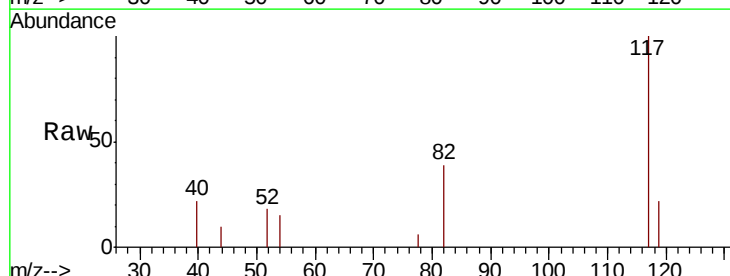


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

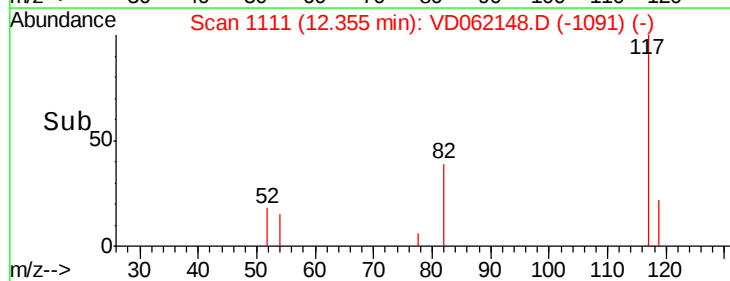
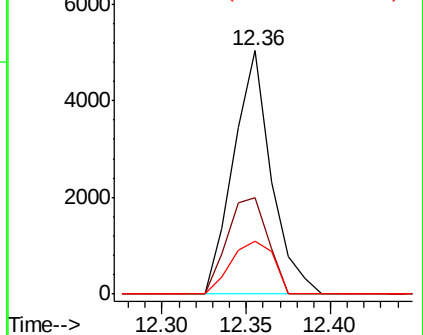


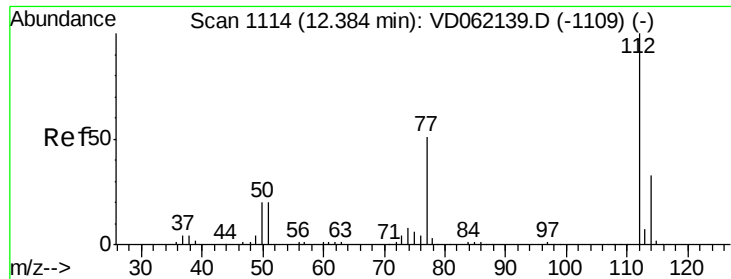
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062148.D
Acq: 7 May 2019 23:29

Tgt Ion: 117 Resp: 7815
Ion Ratio Lower Upper
117 100
82 39.4 36.2 54.2
119 21.7 26.2 39.4#



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





#65

Chlorobenzene

Concen: 8.292 ug/l

RT: 12.38 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

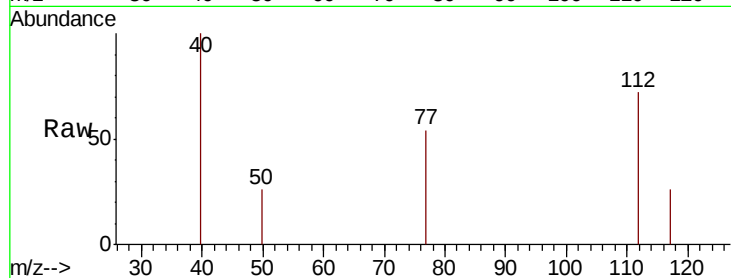
SB-11-1.5-2.0

Tot Ion:112 Resp: 1207

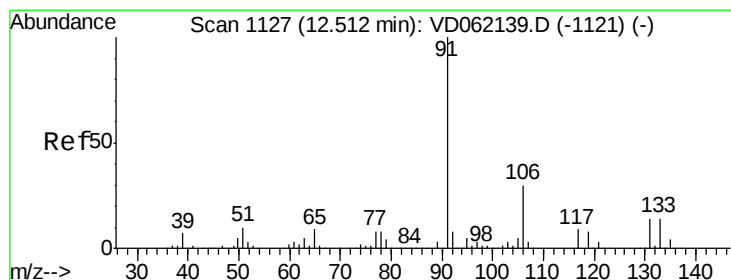
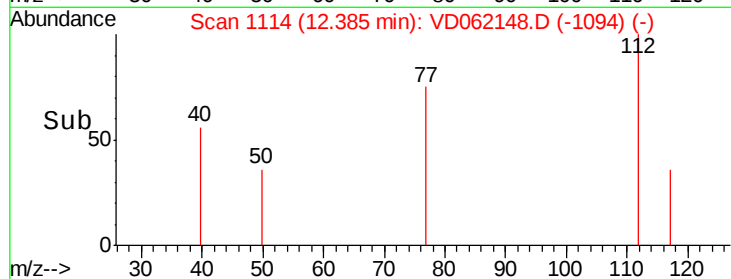
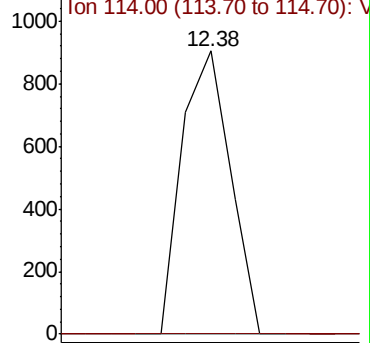
Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.8#



Abundance Ion 111.90 (111.60 to 112.60): V



#67

Ethyl Benzene

Concen: 6.861 ug/l

RT: 12.51 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VD062148.D

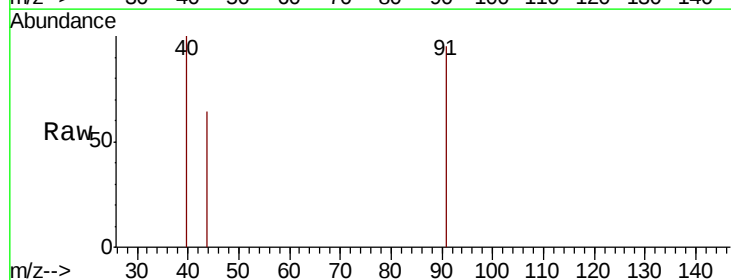
Acq: 7 May 2019 23:29

Tgt Ion: 91 Resp: 1672

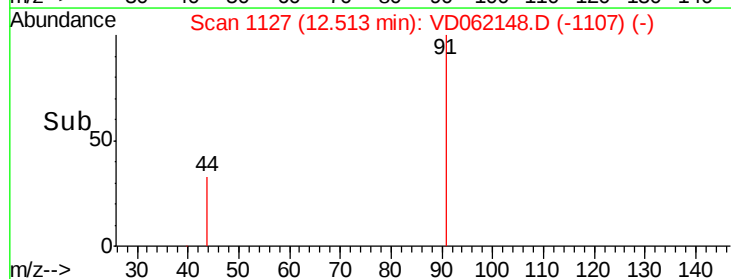
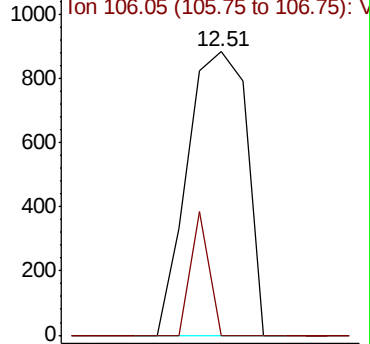
Ion Ratio Lower Upper

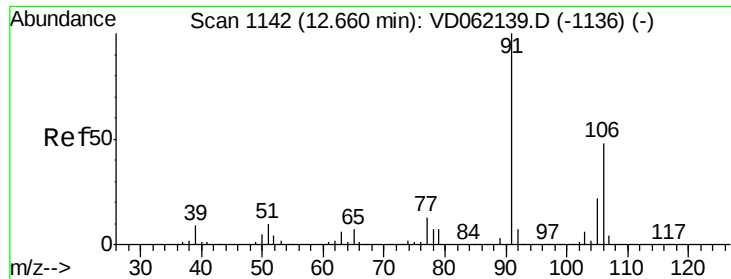
91 100

106 0.0 24.7 37.1#



Abundance Ion 91.00 (90.70 to 91.70): V

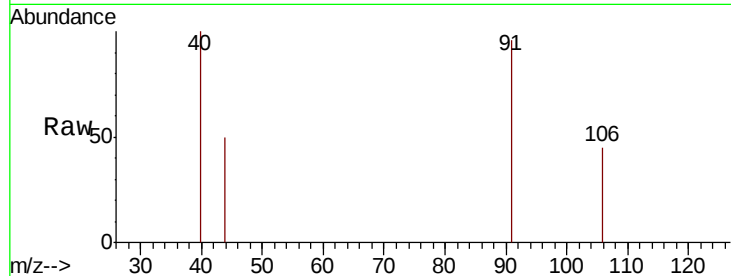




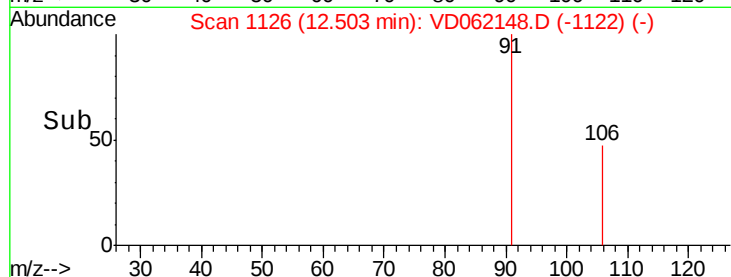
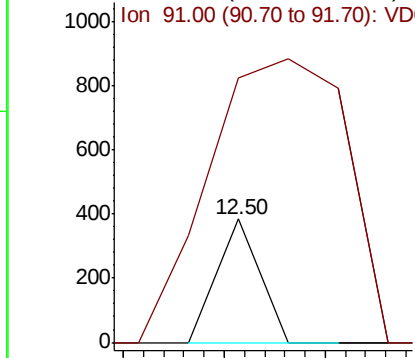
#68
m/p-Xylenes
Concen: 2.560 ug/l
RT: 12.50 min Scan# 1126
Delta R.T. -0.16 min
Lab File: VD062148.D
Acq: 7 May 2019 23:29

Instrument :
MSVOA_D
ClientSampleId :
SB-11-1.5-2.0

Tot Ion:106 Resp: 227
Ion Ratio Lower Upper
106 100
91 214.0 164.0 246.0

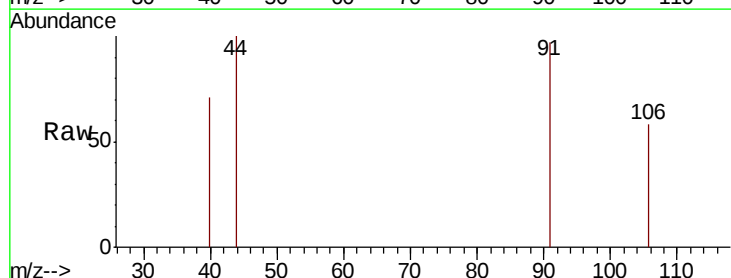
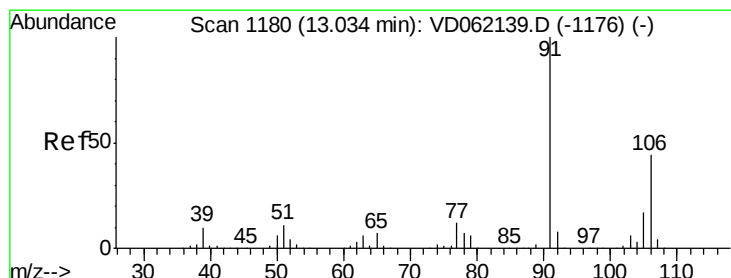


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

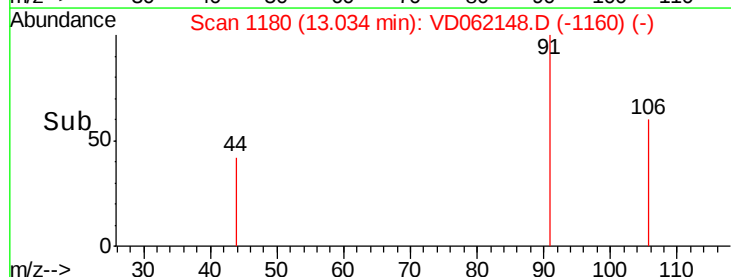
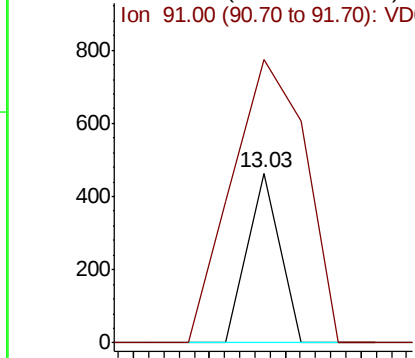


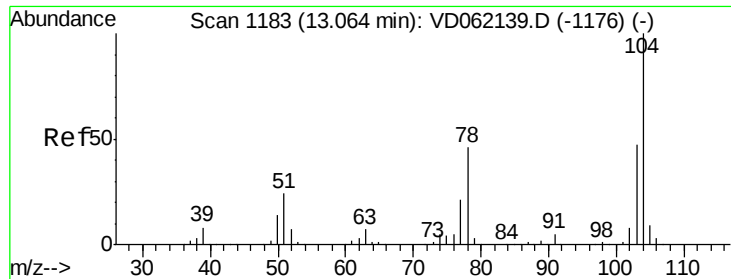
#69
o-Xylene
Concen: 3.312 ug/l
RT: 13.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD062148.D
Acq: 7 May 2019 23:29

Tgt Ion:106 Resp: 273
Ion Ratio Lower Upper
106 100
91 167.0 106.7 319.9



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





#70

Stvrene

Concen: 4.741 ug/l

RT: 13.05 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11-1.5-2.0

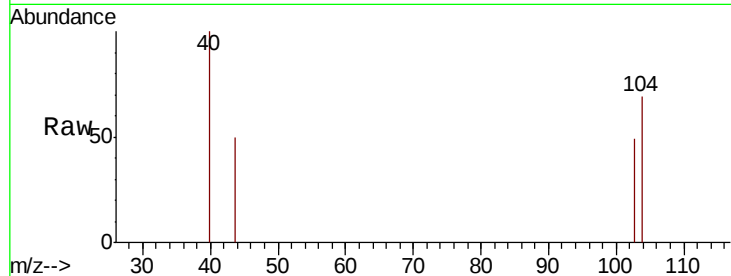
Tot Ion:104 Resp: 662

Ion Ratio Lower Upper

104 100

78 0.0 35.4 53.2#

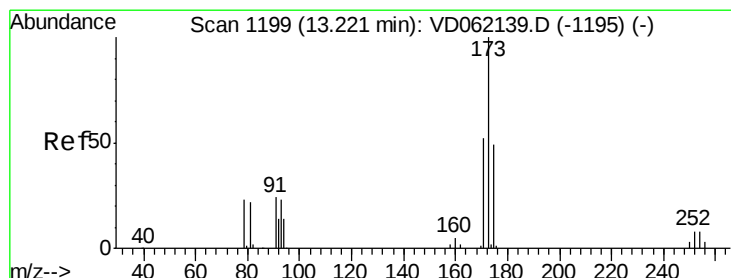
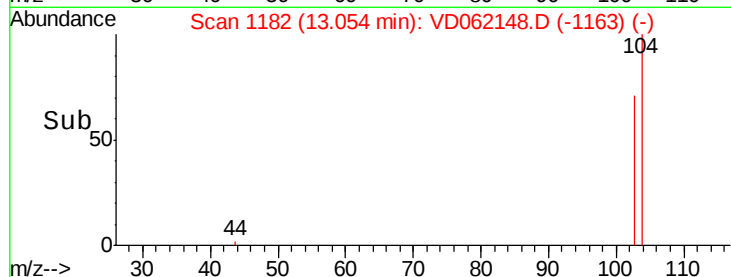
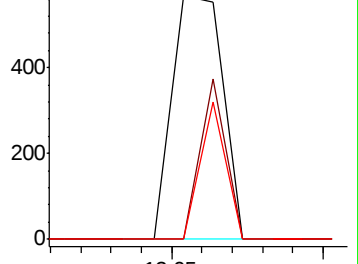
103 0.0 37.5 56.3#



Abundance Ion 104.05 (103.75 to 104.75): V

Ion 77.95 (77.65 to 78.65): V

Ion 103.05 (102.75 to 103.75): V



#71

Bromoform

Concen: 4.833 ug/l

RT: 13.22 min Scan# 1199

Delta R.T. 0.00 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

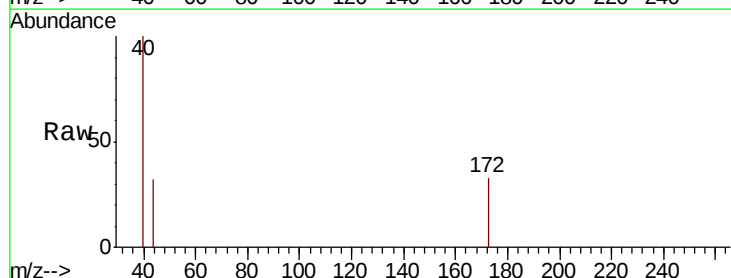
Tgt Ion:173 Resp: 213

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.4#

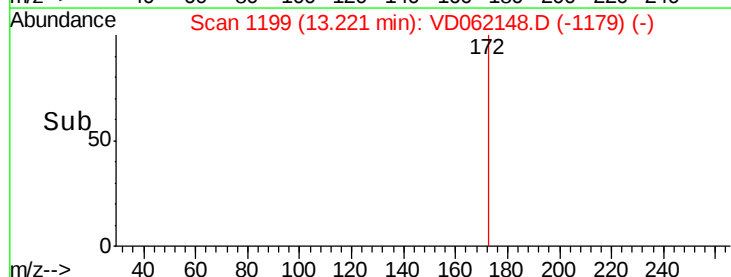
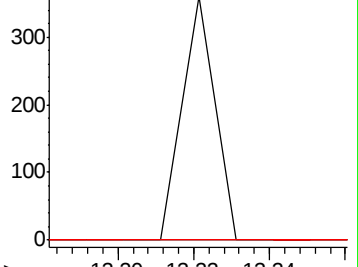
254 0.0 5.4 8.2#

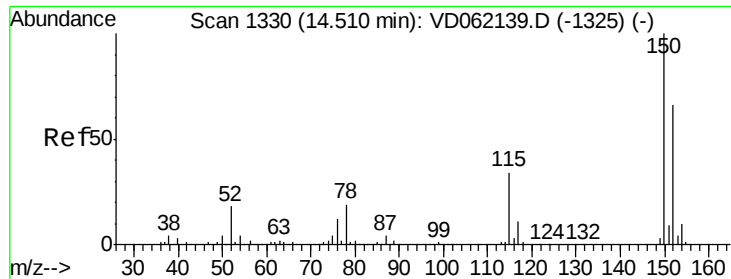


Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11-1.5-2.0

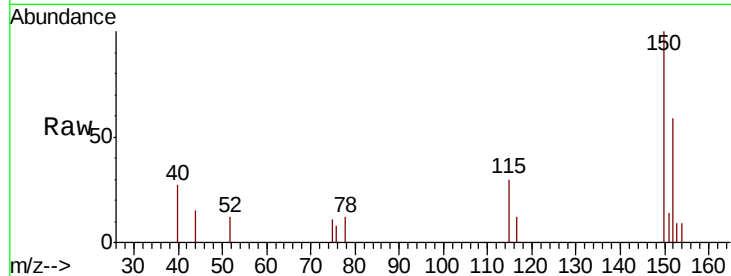
Tot Ion:152 Resp: 3052

Ion Ratio Lower Upper

152 100

115 50.7 30.9 92.7

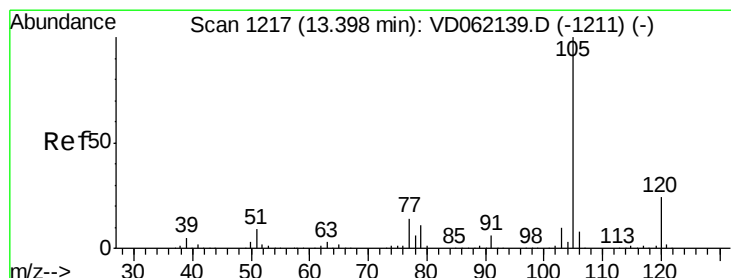
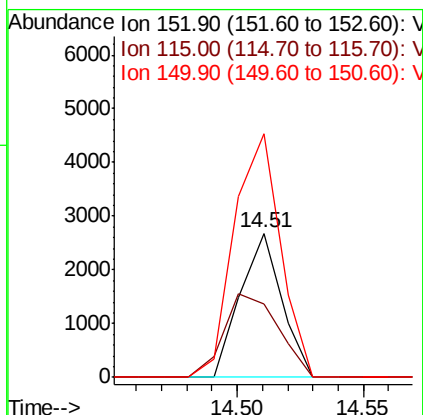
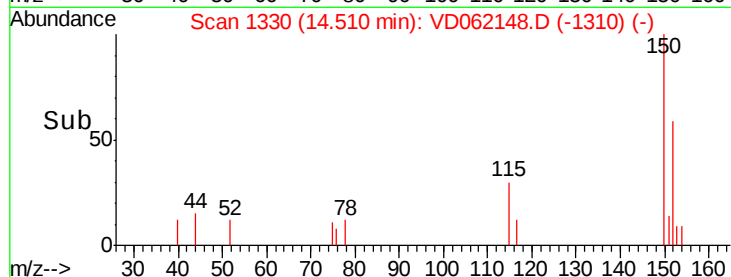
150 169.2 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 12.474 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VD062148.D

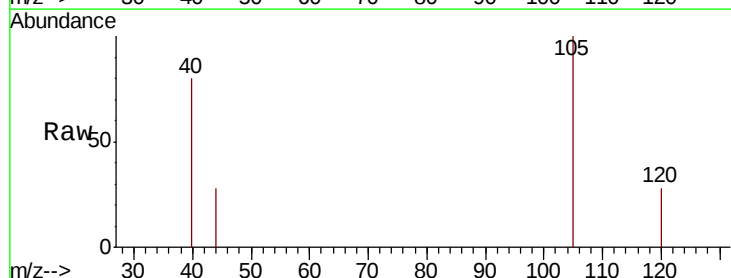
Acq: 7 May 2019 23:29

Tgt Ion:105 Resp: 2282

Ion Ratio Lower Upper

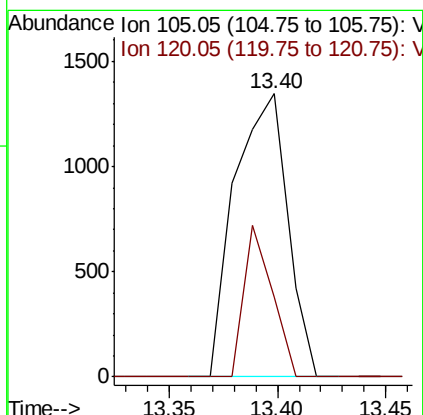
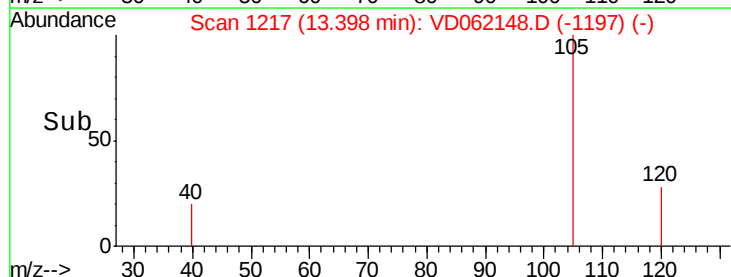
105 100

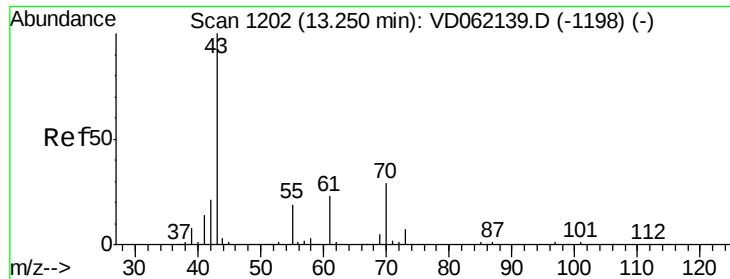
120 28.2 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

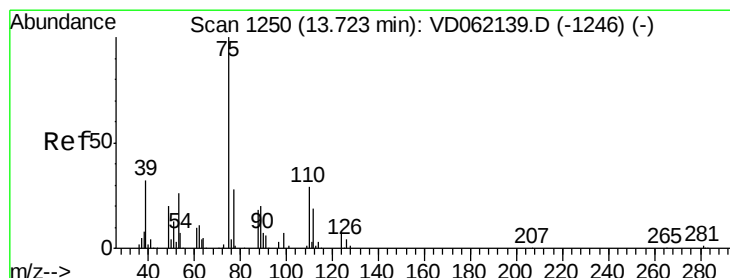
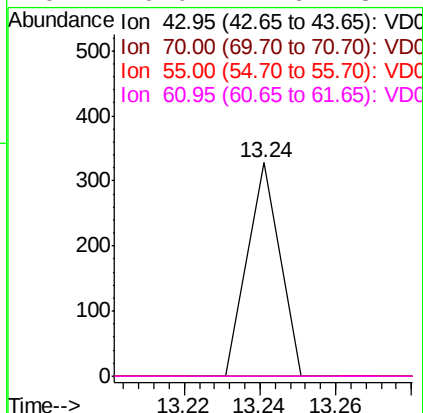
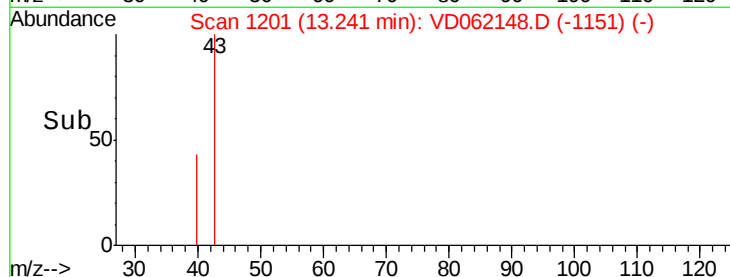
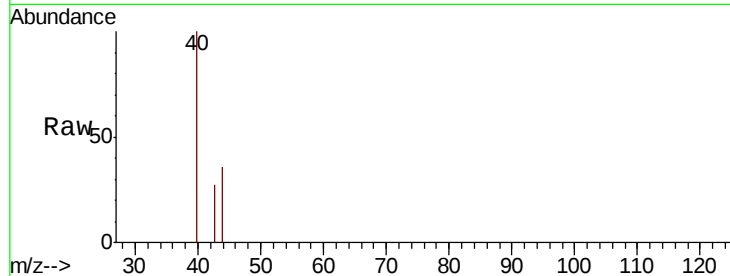




#74
N-amvl acetate
Concen: 4.045 ug/l
RT: 13.24 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VD062148.D
Acq: 7 May 2019 23:29

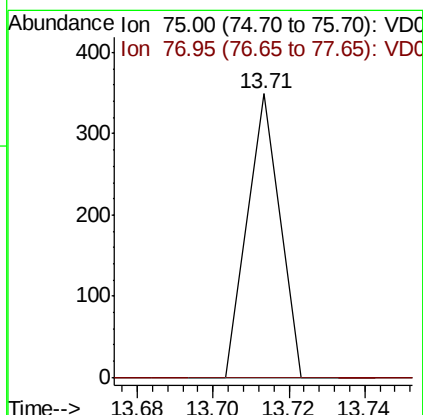
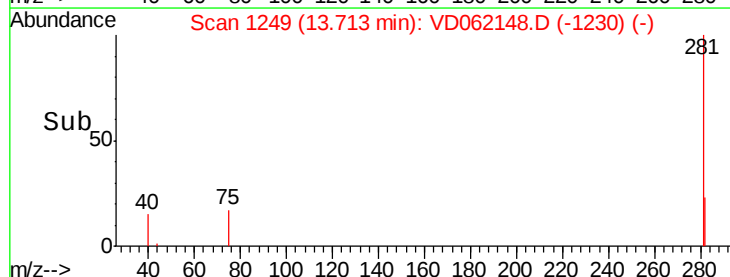
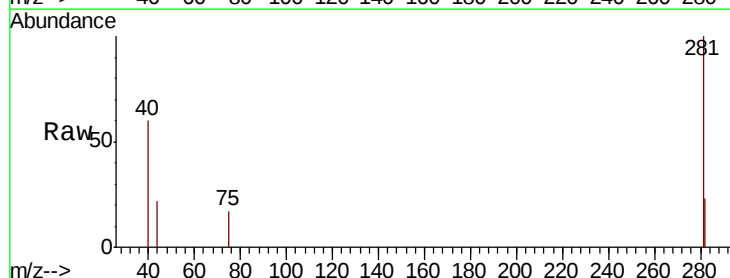
Instrument :
MSVOA_D
ClientSampleId :
SB-11-1.5-2.0

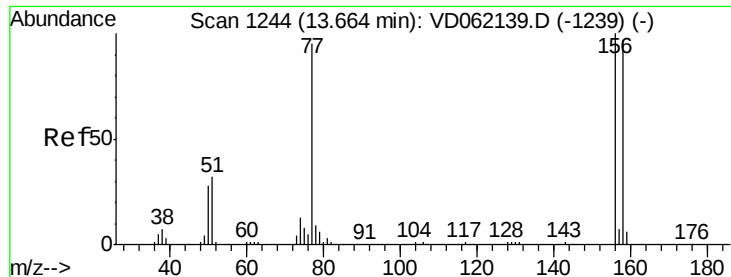
Tot Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
70 0.0 24.2 36.4#
55 0.0 16.0 24.0#
61 0.0 21.6 32.4#



#76
1,2,3-Trichloropropane
Concen: 5.680 ug/l
RT: 13.71 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VD062148.D
Acq: 7 May 2019 23:29

Tgt Ion: 75 Resp: 206
Ion Ratio Lower Upper
75 100
77 0.0 16.4 49.4#





#77

Bromobenzene

Concen: 8.103 ug/l

RT: 13.65 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11-1.5-2.0

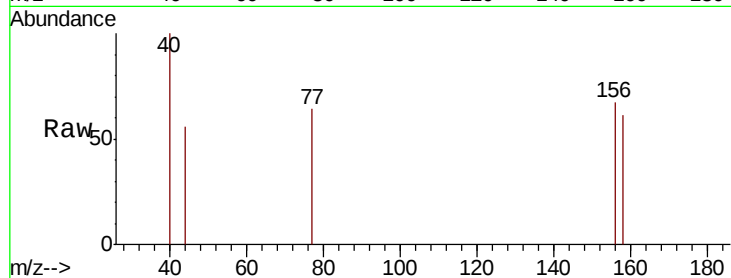
Tot Ion:156 Resp: 415

Ion Ratio Lower Upper

156 100

77 96.7 53.1 159.4

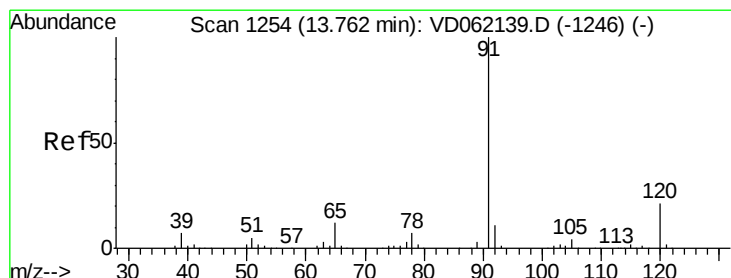
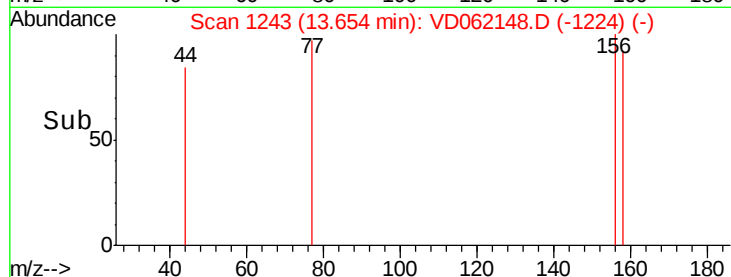
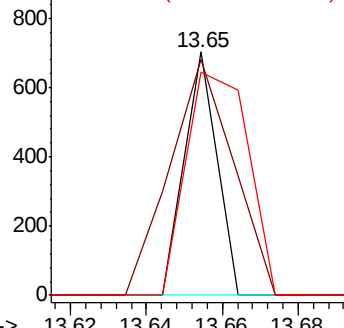
158 91.9 49.4 148.0



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: 11.524 ug/l

RT: 13.76 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD062148.D

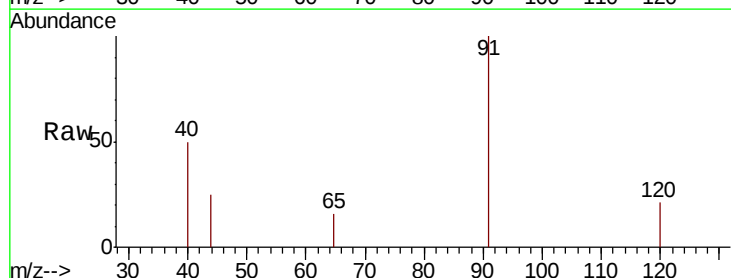
Acq: 7 May 2019 23:29

Tgt Ion: 91 Resp: 2515

Ion Ratio Lower Upper

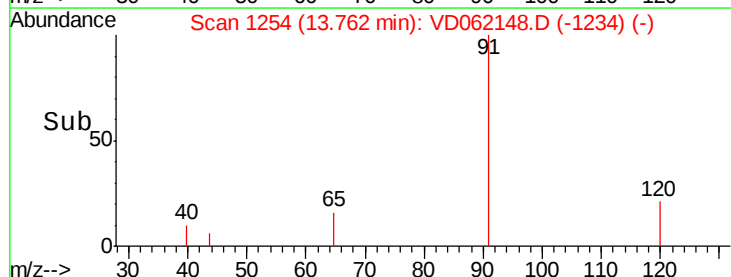
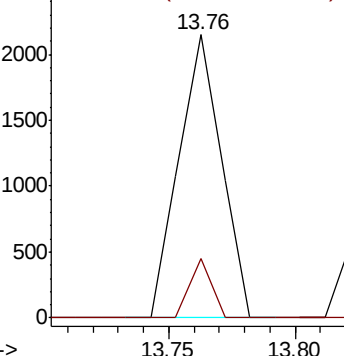
91 100

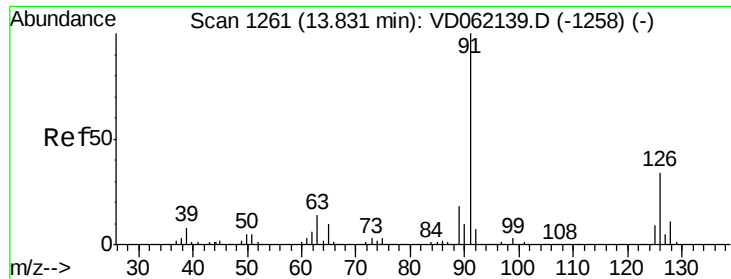
120 21.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

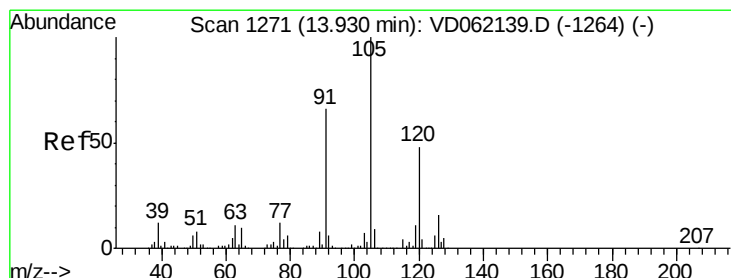
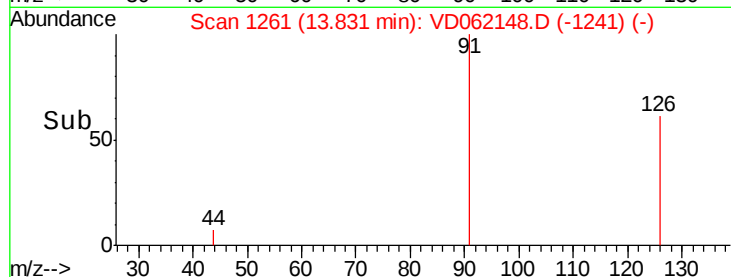
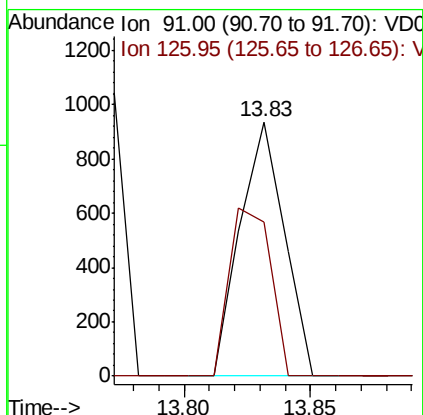
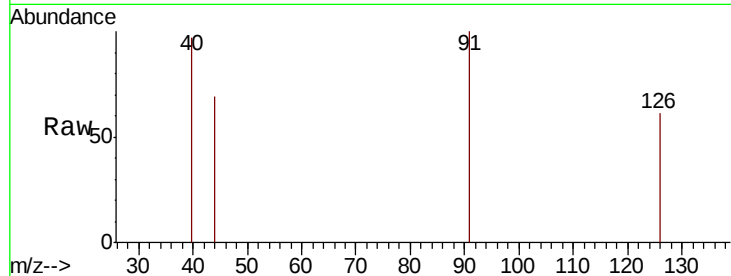




#79
 2-Chlorotoluene
 Concen: 9.129 ug/l
 RT: 13.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

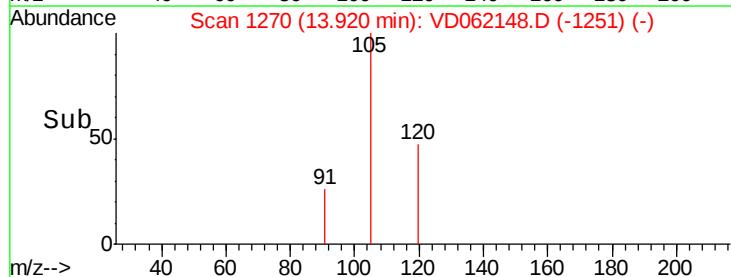
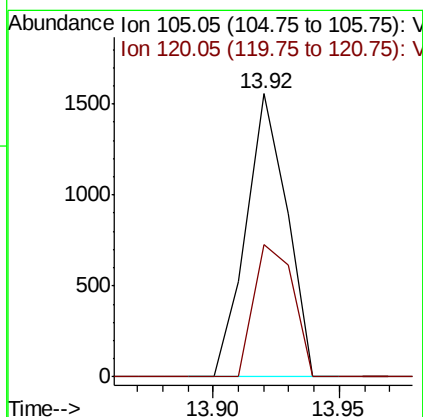
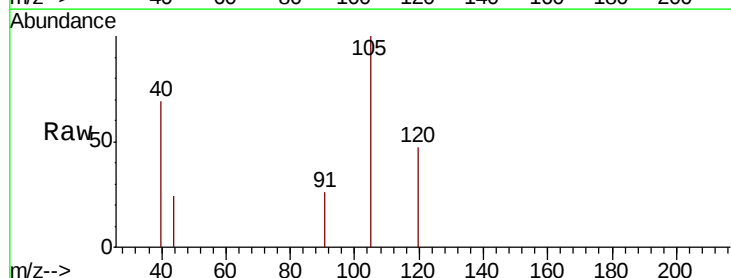
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11-1.5-2.0

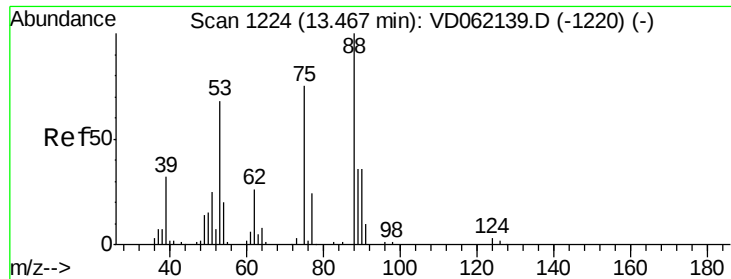
Tot Ion: 91 Resp: 1141
 Ion Ratio Lower Upper
 91 100
 126 60.6 18.6 55.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 11.385 ug/l
 RT: 13.92 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

Tgt Ion: 105 Resp: 1754
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 88.775 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11-1.5-2.0

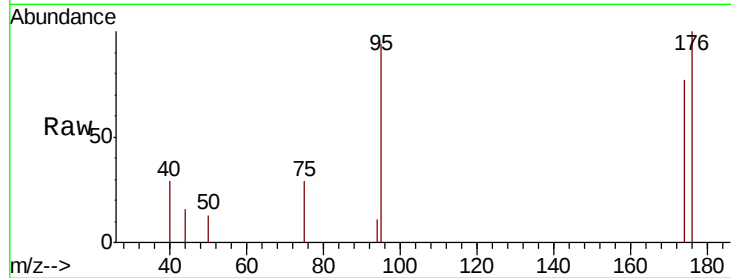
Tot Ion: 75 Resp: 909

Ion Ratio Lower Upper

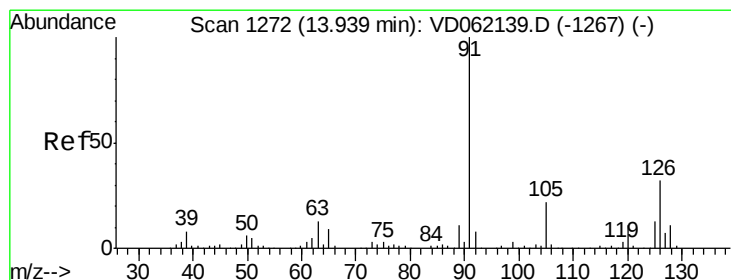
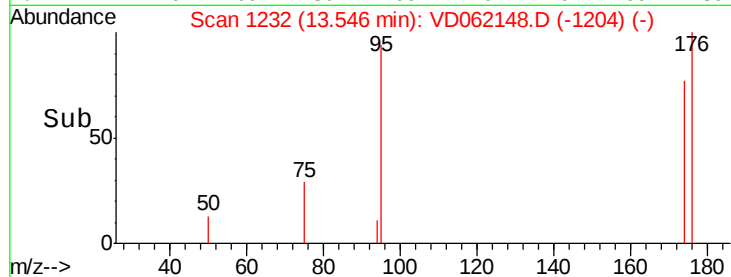
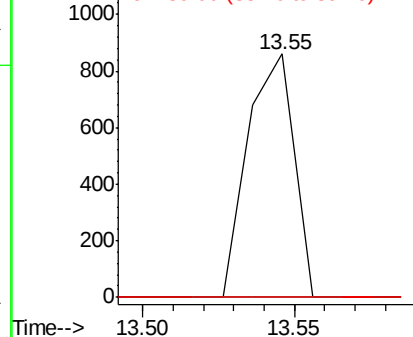
75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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: 13.109 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD062148.D

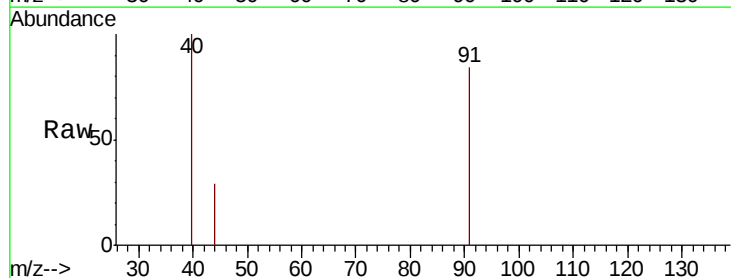
Acq: 7 May 2019 23:29

Tgt Ion: 91 Resp: 1928

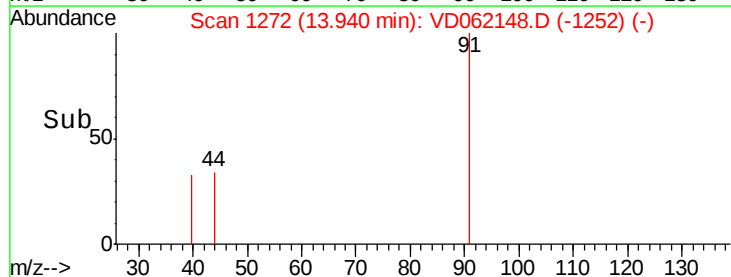
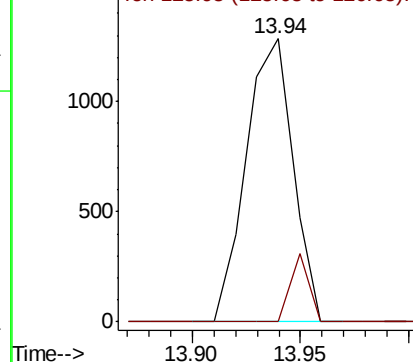
Ion Ratio Lower Upper

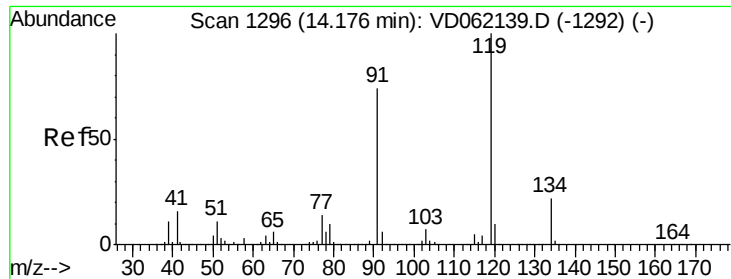
91 100

126 0.0 19.1 57.5#



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





#83

tert-Butylbenzene

Concen: 7.502 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11-1.5-2.0

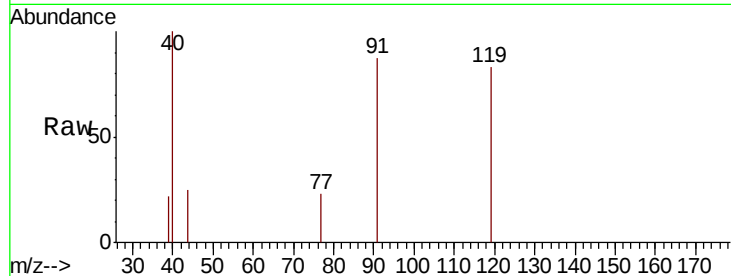
Tot Ion:119 Resp: 1299

Ion Ratio Lower Upper

119 100

91 105.0 34.2 102.6#

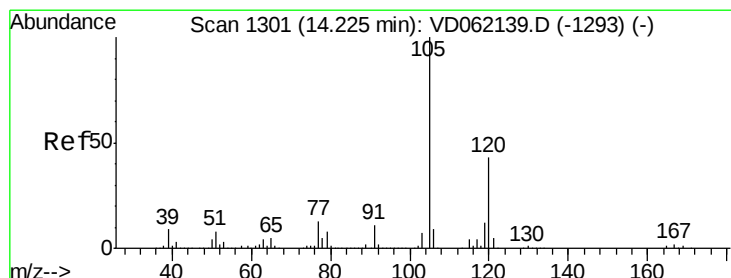
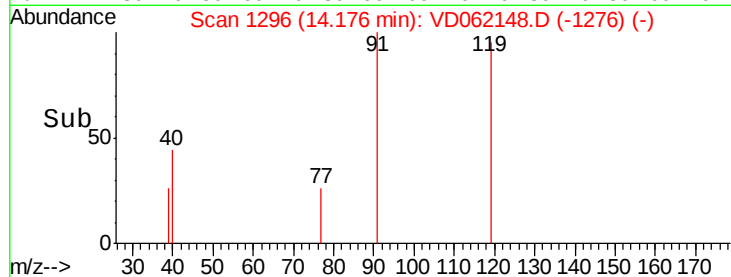
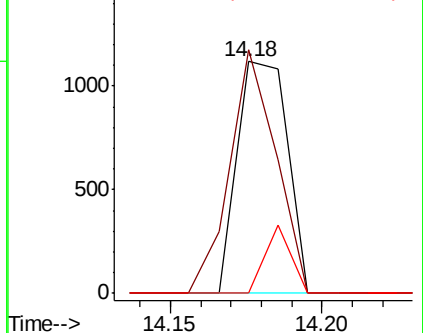
134 0.0 12.0 36.0#



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 12.814 ug/l

RT: 14.22 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VD062148.D

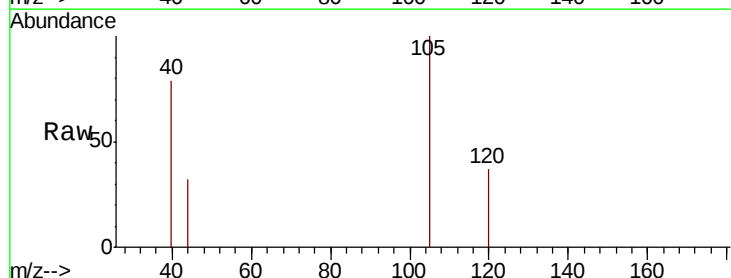
Acq: 7 May 2019 23:29

Tgt Ion:105 Resp: 1981

Ion Ratio Lower Upper

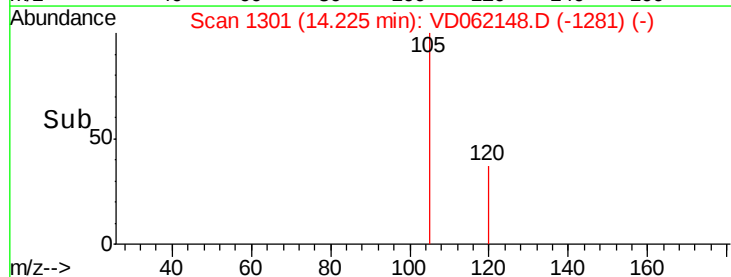
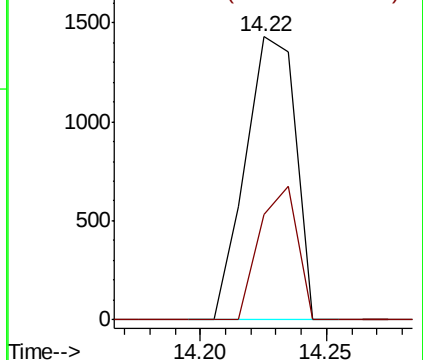
105 100

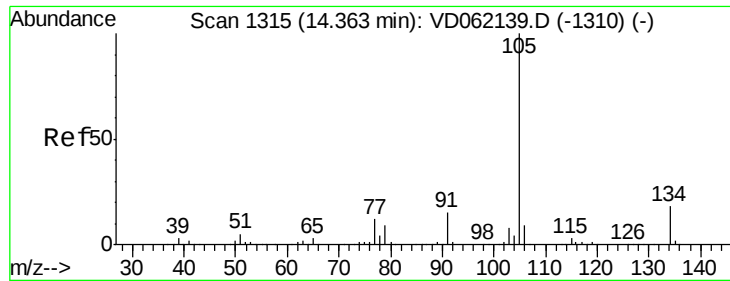
120 37.5 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

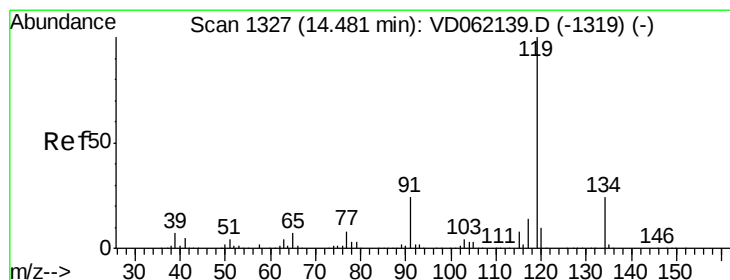
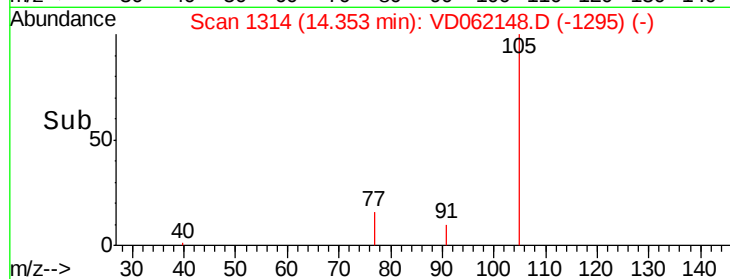
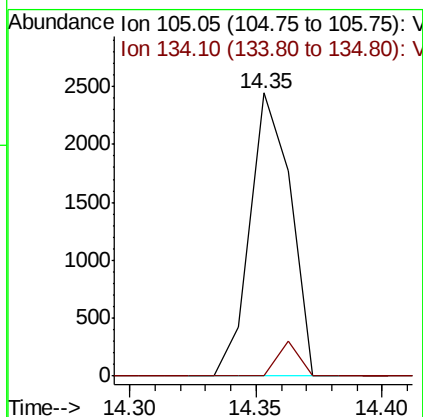
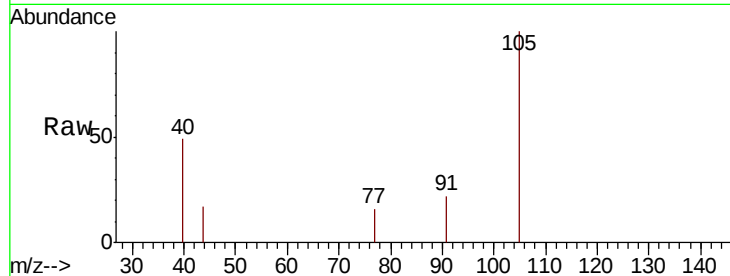




#85
 sec-Butylbenzene
 Concen: 14.406 ug/l
 RT: 14.35 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

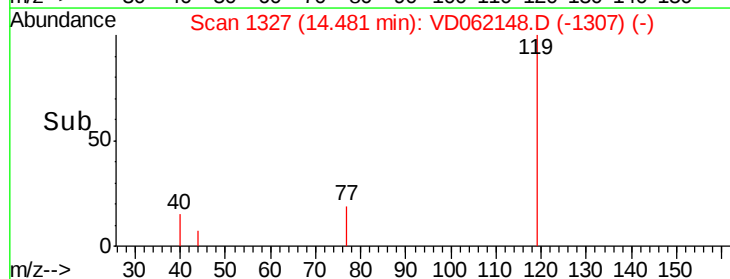
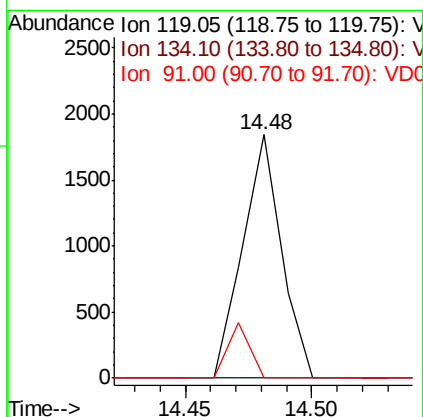
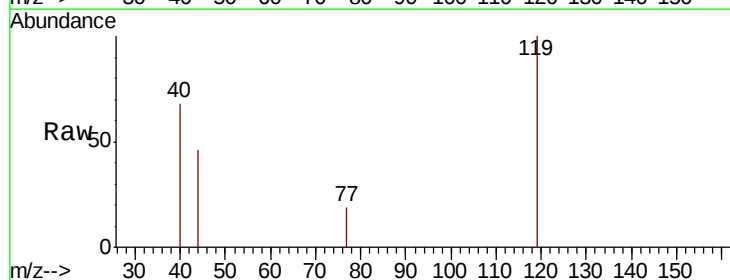
Instrument :
 MSVOA_D
 ClientSampled :
 SB-11-1.5-2.0

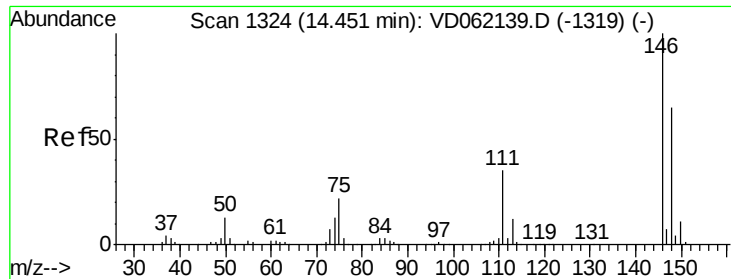
Tot Ion:105 Resp: 2735
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.9 26.7#



#86
 p-Isopropyltoluene
 Concen: 11.549 ug/l
 RT: 14.48 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

Tgt Ion:119 Resp: 1959
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 10.7 32.1#

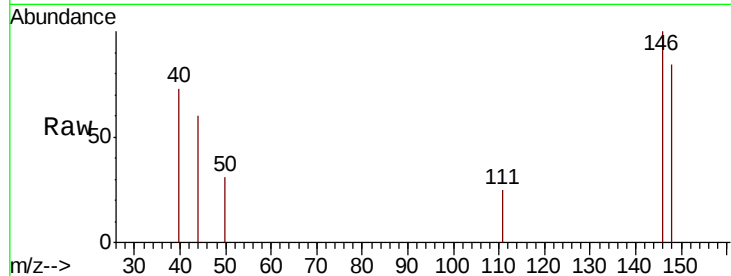




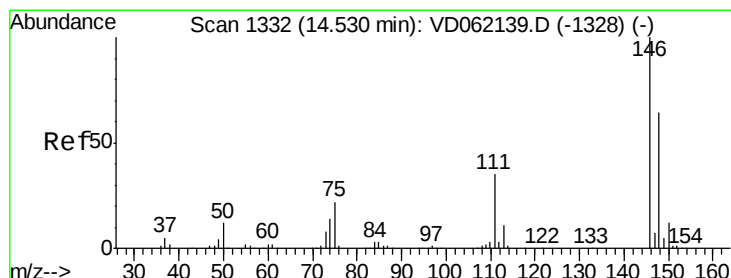
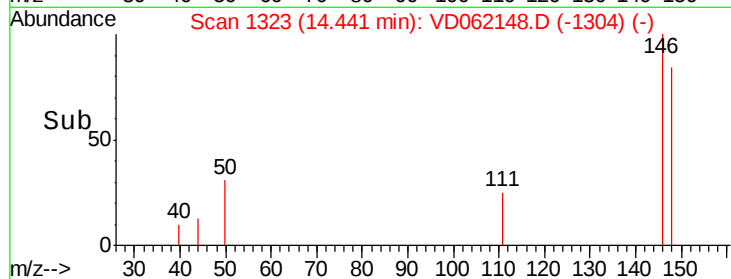
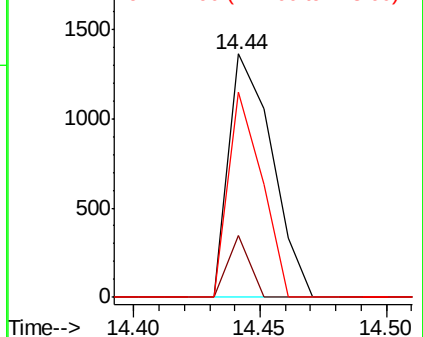
#87
 1,3-Dichlorobenzene
 Concen: 17.359 ug/l
 RT: 14.44 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11-1.5-2.0

Tot Ion:146 Resp: 1624
 Ion Ratio Lower Upper
 146 100
 111 25.2 20.0 60.0
 148 84.2 31.8 95.4

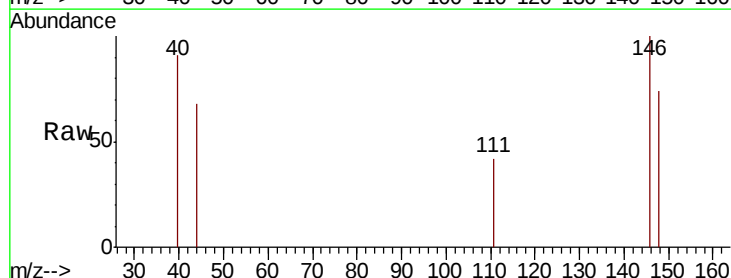


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

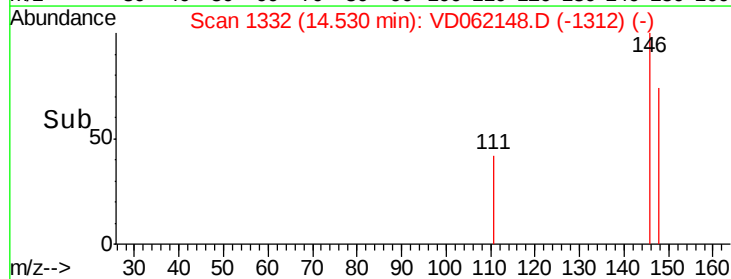
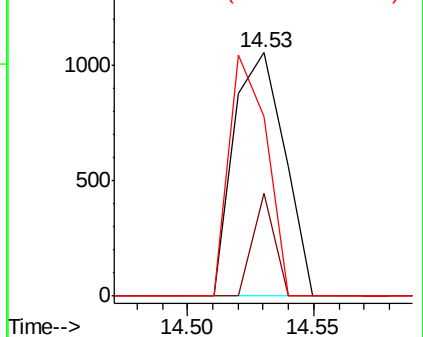


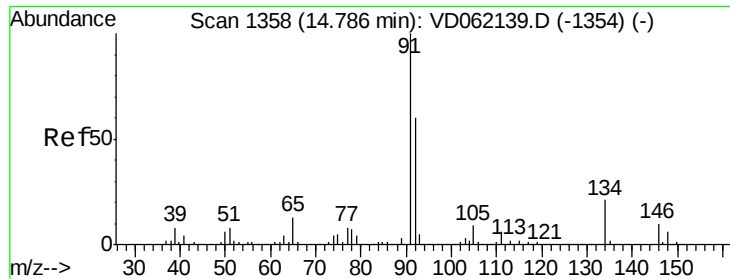
#88
 1,4-Dichlorobenzene
 Concen: 16.013 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

Tgt Ion:146 Resp: 1472
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.2 60.5
 148 73.6 32.0 96.2



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: 13.662 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11-1.5-2.0

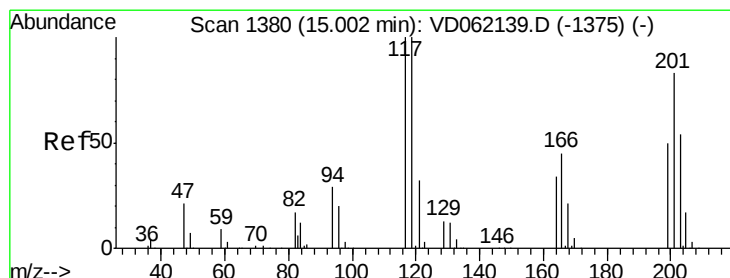
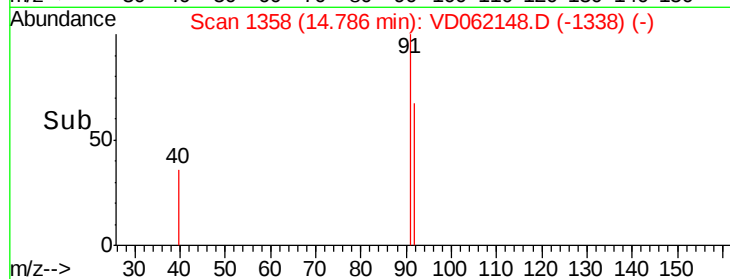
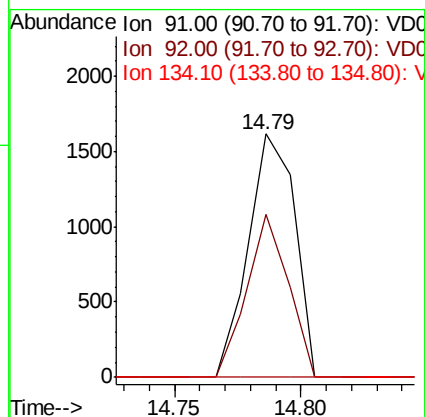
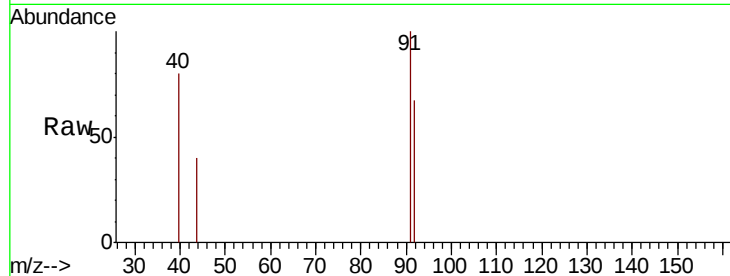
Tot Ion: 91 Resp: 2080

Ion Ratio Lower Upper

91 100

92 67.0 30.3 91.0

134 0.0 14.5 43.6#



#90

Hexachloroethane

Concen: 5.203 ug/l

RT: 15.00 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VD062148.D

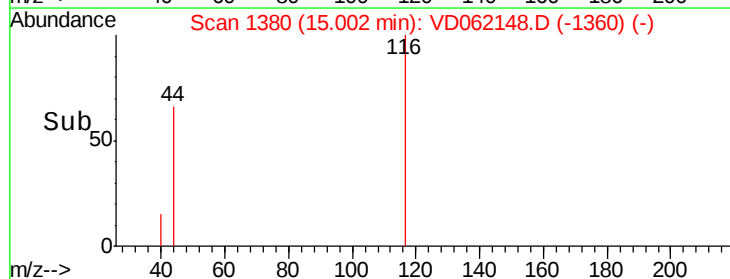
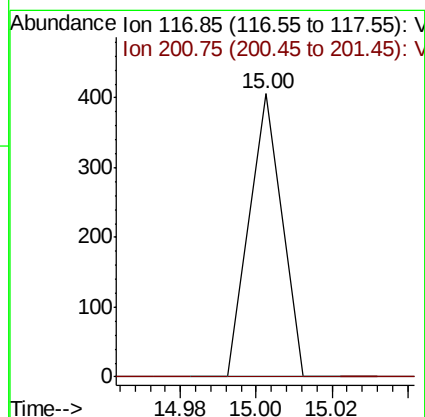
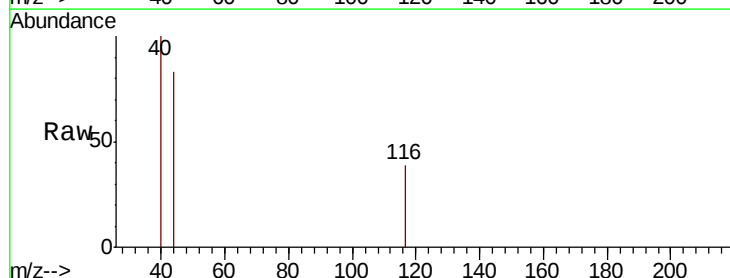
Acq: 7 May 2019 23:29

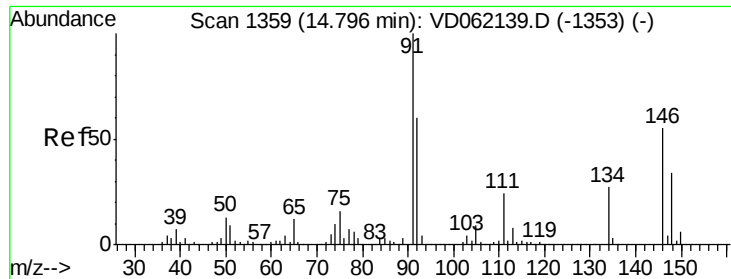
Tgt Ion: 117 Resp: 240

Ion Ratio Lower Upper

117 100

201 0.0 30.2 90.6#

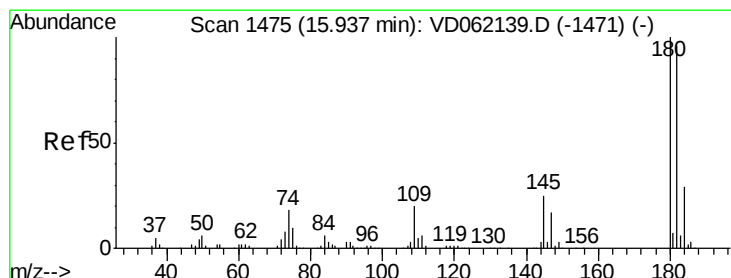
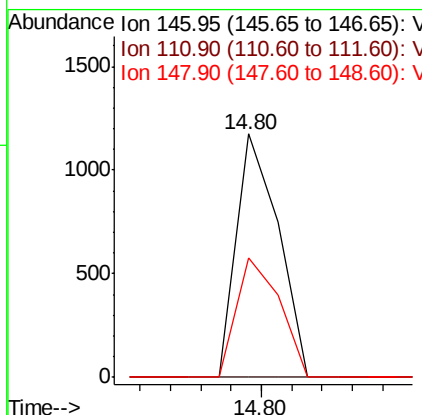
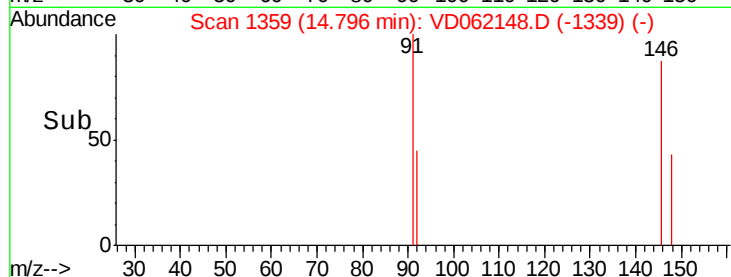
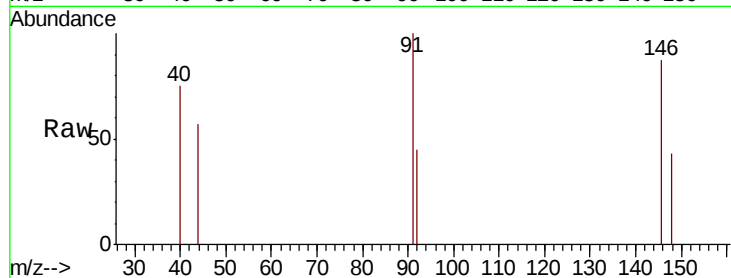




#91
 1,2-Dichlorobenzene
 Concen: 14.731 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

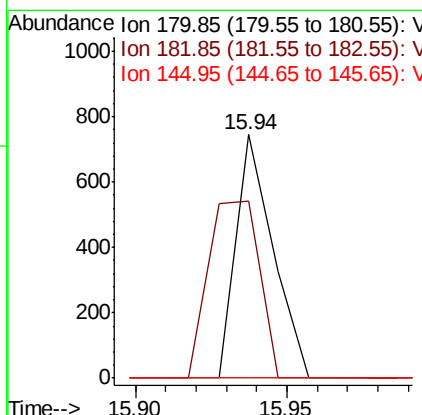
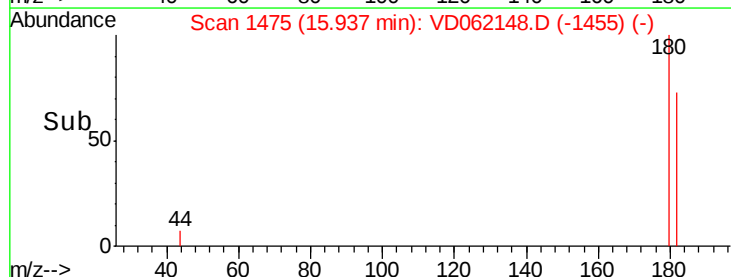
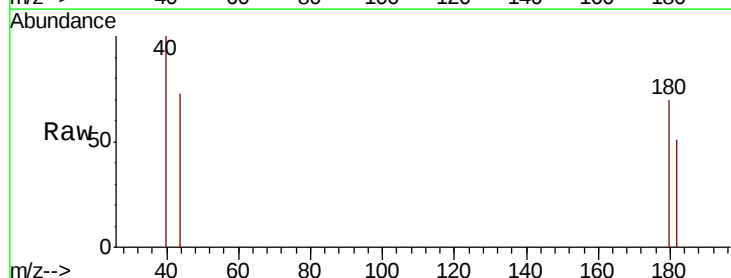
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11-15-2.0

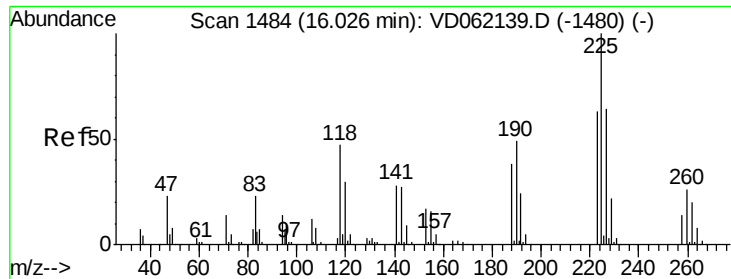
Tot Ion:146 Resp: 1135
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.0 59.9#
 148 48.9 32.3 96.8



#93
 1,2,4-Trichlorobenzene
 Concen: 11.270 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: VD062148.D
 Acq: 7 May 2019 23:29

Tgt Ion:180 Resp: 632
 Ion Ratio Lower Upper
 180 100
 182 72.9 49.3 147.8
 145 0.0 16.2 48.6#





#94

Hexachlorobutadiene

Concen: 12.539 ug/l

RT: 16.03 min Scan# 1484

Delta R.T. 0.00 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11-1.5-2.0

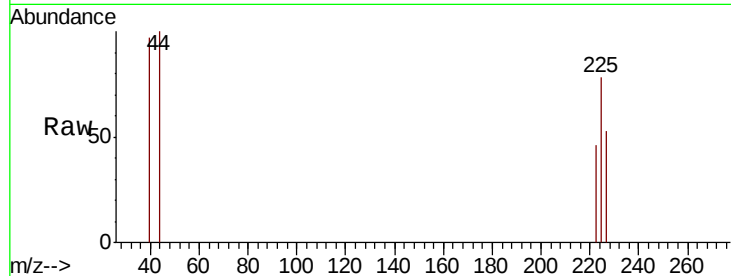
Tot Ion:225 Resp: 523

Ion Ratio Lower Upper

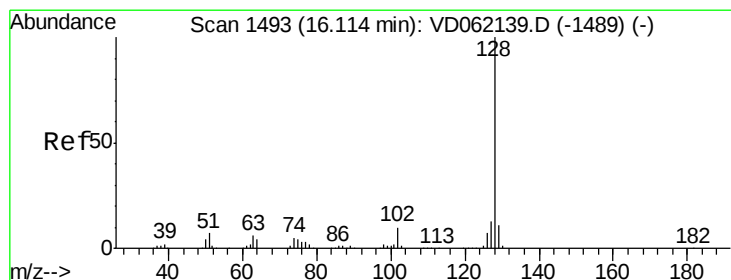
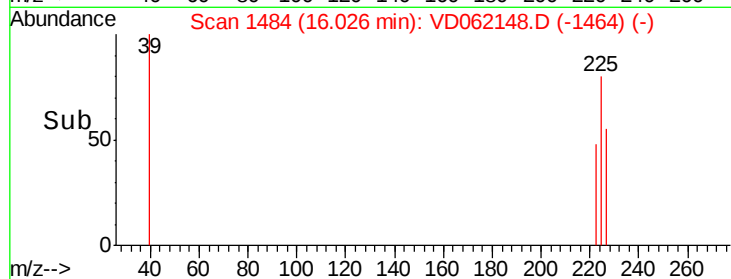
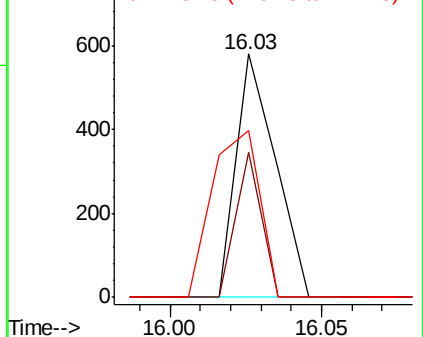
225 100

223 59.5 30.6 92.0

227 68.4 32.0 96.2



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



#95

Naphthalene

Concen: 19.682 ug/l

RT: 16.11 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

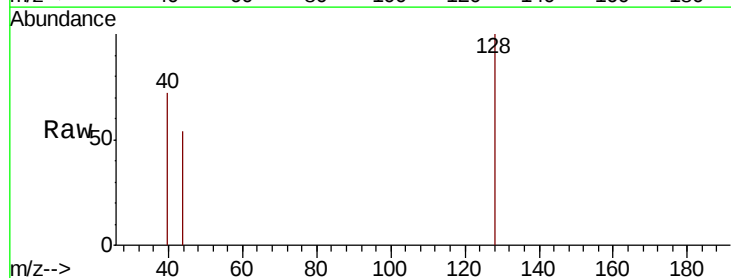
Tgt Ion:128 Resp: 1541

Ion Ratio Lower Upper

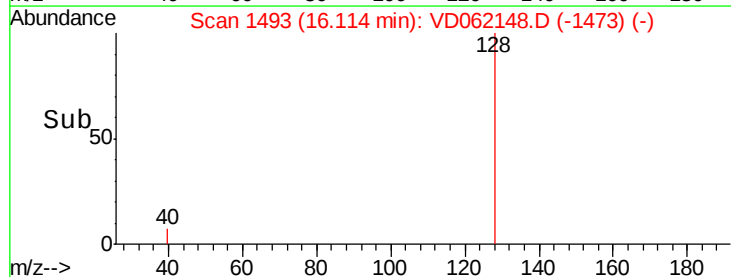
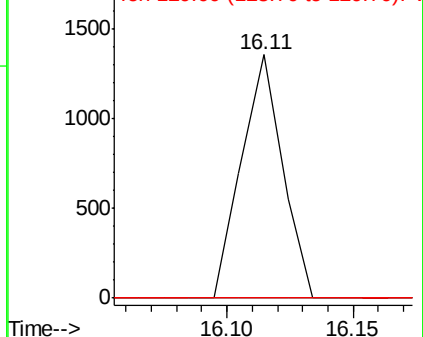
128 100

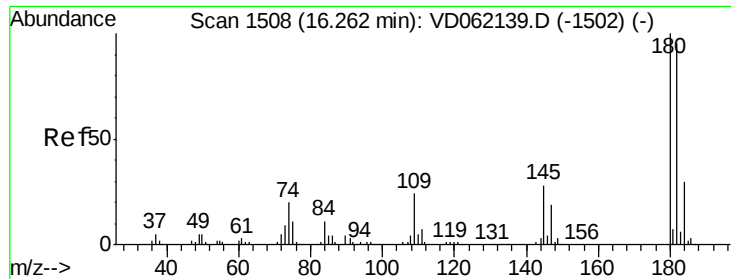
127 0.0 9.8 14.8#

129 0.0 8.8 13.2#



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





#96

1,2,3-Trichlorobenzene

Concen: 14.577 ug/l

RT: 16.26 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VD062148.D

Acq: 7 May 2019 23:29

Instrument :

MSVOA_D

ClientSampleId :

SB-11-1.5-2.0

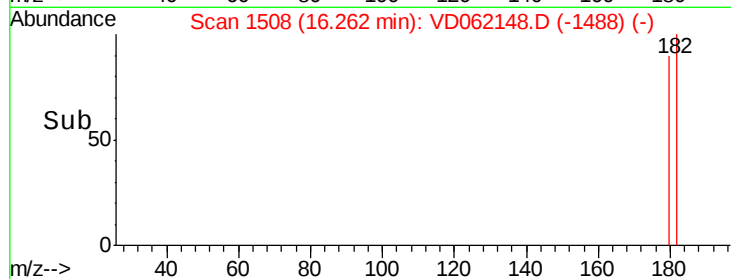
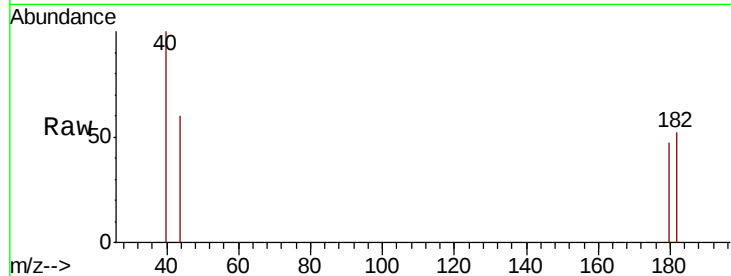
Tot Ion:180 Resp: 514

Ion Ratio Lower Upper

180 100

182 110.5 47.0 141.0

145 0.0 17.0 51.0#



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

