

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061739.D
 Acq On : 11 Apr 2019 14:25
 Operator : VA/AP
 Sample : K2316-05
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 00:59:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	4063	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	7933	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	6407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	2633	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	2351	76.34	ug/l	0.00
Spiked Amount			Recovery	=	152.68%	
35) Dibromofluoromethane	6.91	113	2906	52.88	ug/l	-0.01
Spiked Amount			Recovery	=	105.76%	
50) Toluene-d8	10.40	98	7323	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	13.55	95	3118	69.89	ug/l	0.00
Spiked Amount			Recovery	=	139.78%	

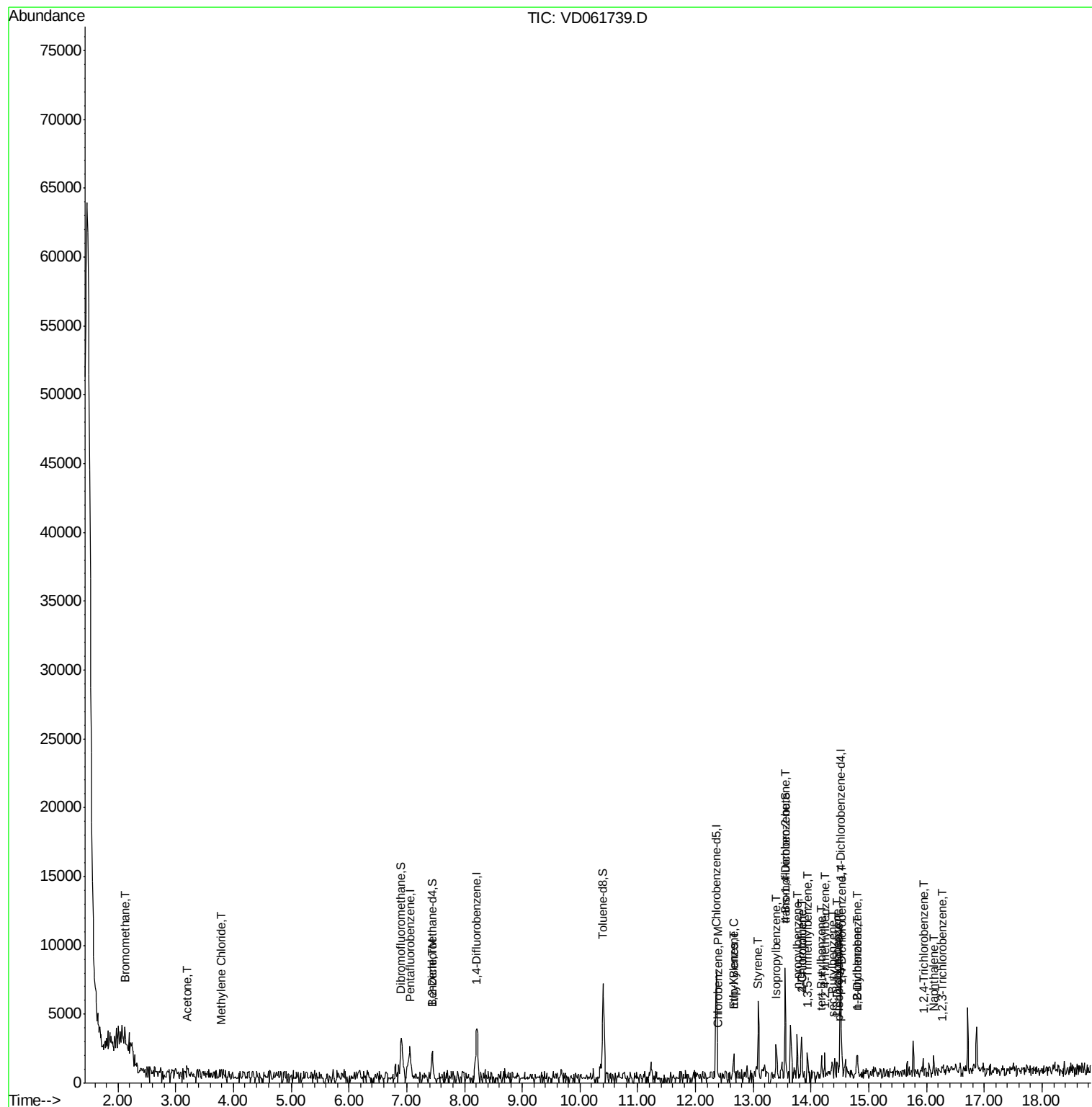
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.11	94	181	23.626	ug/l #	12
16) Acetone	3.20	43	1119	121.547	ug/l #	51
20) Methylene Chloride	3.79	84	190	3.637	ug/l #	8
40) Benzene	7.46	78	403	2.406	ug/l #	51
65) Chlorobenzene	12.40	112	584	4.596	ug/l #	43
67) Ethyl Benzene	12.66	91	1549	8.006	ug/l	95
68) m/p-Xylenes	12.66	106	190	2.547	ug/l #	31
70) Styrene	13.07	104	491	3.993	ug/l #	31
73) Isopropylbenzene	13.40	105	2616	14.911	ug/l	89
78) n-propylbenzene	13.77	91	1467	6.990	ug/l #	54
79) 2-Chlorotoluene	13.84	91	2158	17.982	ug/l	99
80) 1,3,5-Trimethylbenzene	13.93	105	759	5.451	ug/l #	28
81) trans-1,4-Dichloro-2-buten	13.55	75	979	90.062	ug/l #	20
82) 4-Chlorotoluene	13.84	91	2158	16.410	ug/l	98
83) tert-Butylbenzene	14.18	119	825	4.914	ug/l #	70
84) 1,2,4-Trimethylbenzene	14.24	105	1070	7.614	ug/l	90
85) sec-Butylbenzene	14.37	105	1041	5.739	ug/l #	61
86) p-Isopropyltoluene	14.49	119	666	4.232	ug/l #	52
87) 1,3-Dichlorobenzene	14.45	146	659	7.519	ug/l #	66
88) 1,4-Dichlorobenzene	14.53	146	964	10.902	ug/l #	60
89) n-Butylbenzene	14.79	91	748	5.469	ug/l #	74
91) 1,2-Dichlorobenzene	14.81	146	626	8.667	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.94	180	266	7.228	ug/l #	79
95) Naphthalene	16.12	128	1157	19.870	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.27	180	250	13.612	ug/l #	13

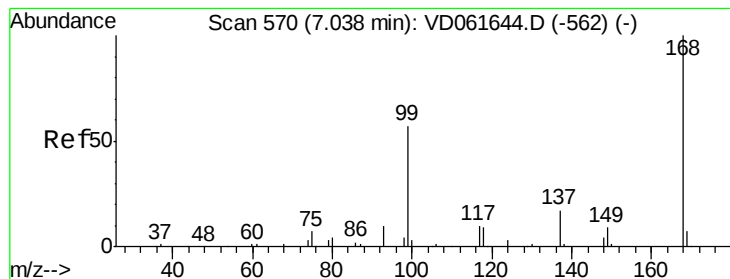
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

Instrument :

MSVOA_D

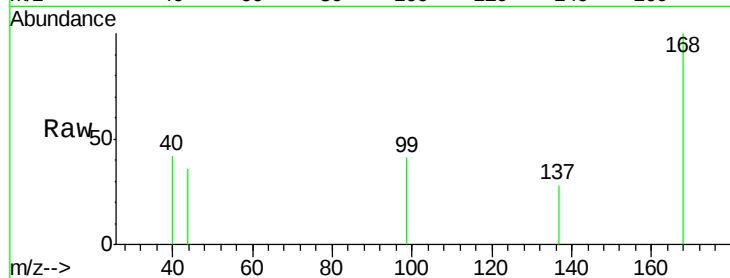
ClientSampleId :

Tot Ion:168 Resp: 4063

Ion Ratio Lower Upper

168 100

99 41.5 46.8 70.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

1200

1000

800

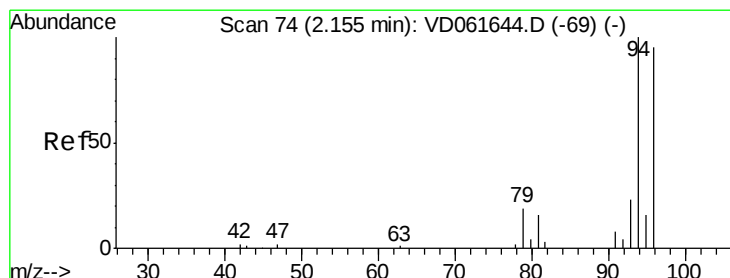
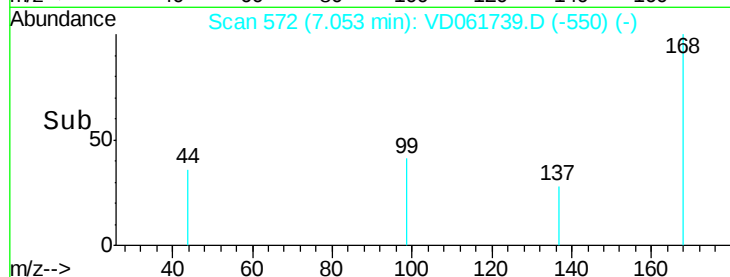
600

400

200

0

Time-->



#5

Bromomethane

Concen: 23.626 ug/l

RT: 2.11 min Scan# 70

Delta R.T. -0.04 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

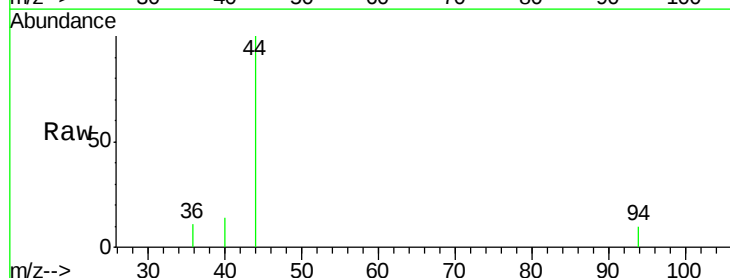
Tgt Ion: 94 Resp: 181

Ion Ratio Lower Upper

94 100

96 0.0 75.8 113.8#

93 0.0 18.6 28.0#



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

400

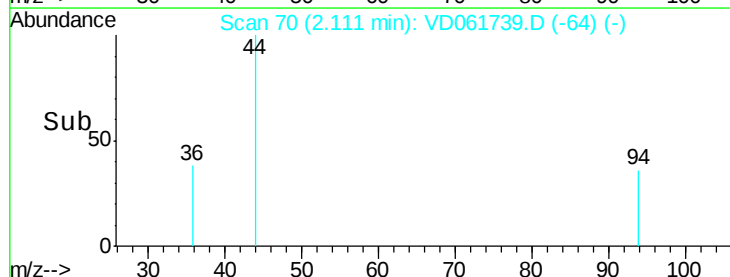
300

200

100

0

Time-->





#16

Acetone

Concen: 121.547 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

Instrument :

MSVOA_D

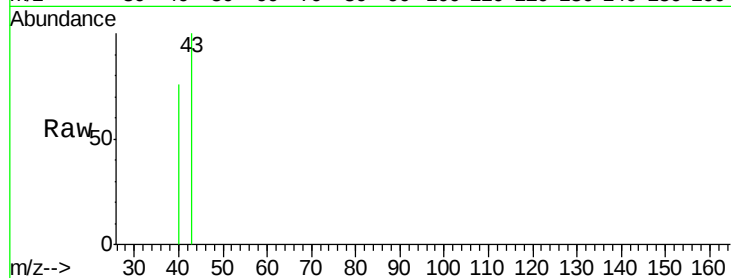
ClientSampleId :

Tot Ion: 43 Resp: 1119

Ion Ratio Lower Upper

43 100

58 0.0 19.7 29.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

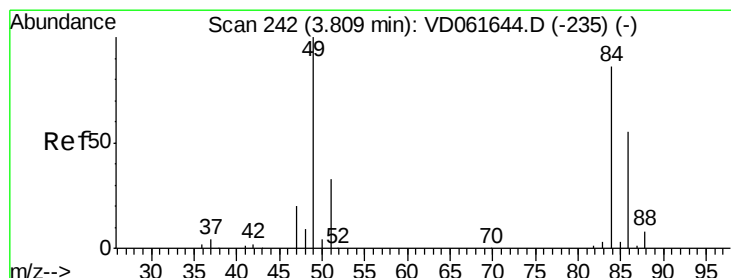
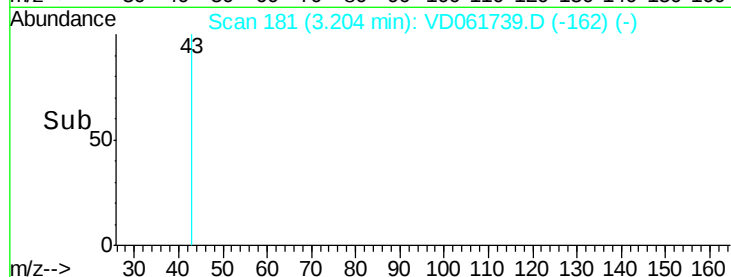
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 3.637 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

Tgt Ion: 84 Resp: 190

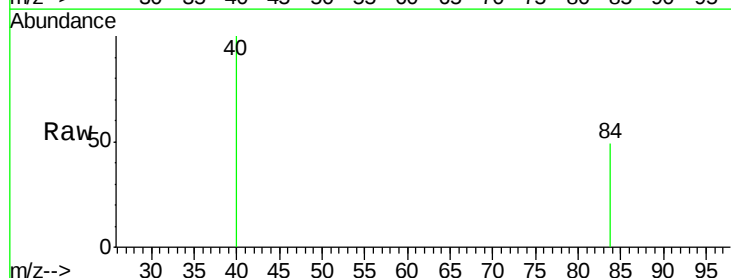
Ion Ratio Lower Upper

84 100

49 0.0 93.0 139.4#

51 0.0 30.4 45.6#

86 0.0 51.0 76.4#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.79

500

400

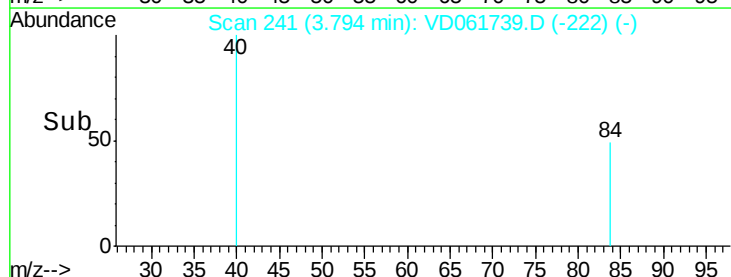
300

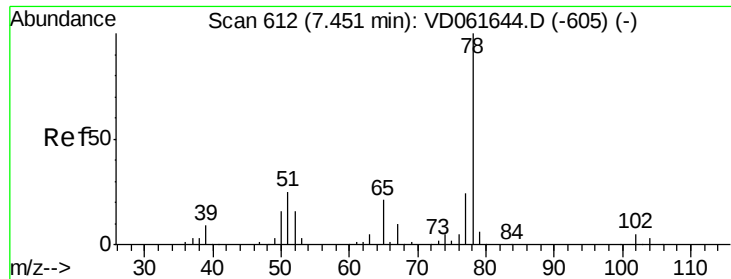
200

100

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

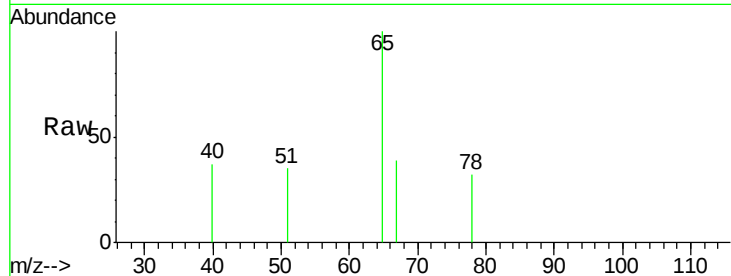
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 2351

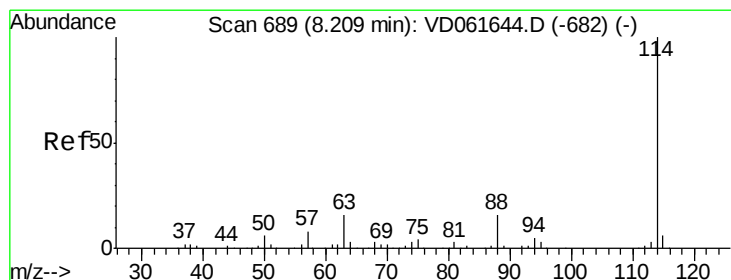
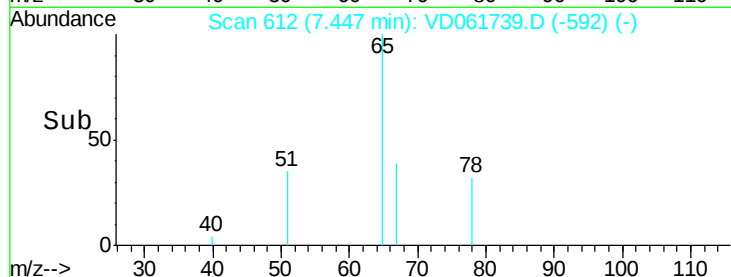
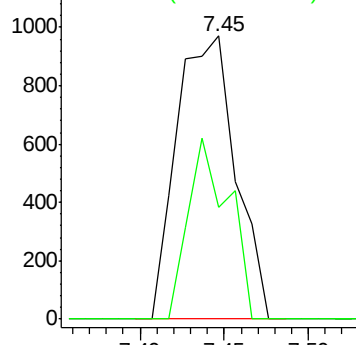
Ion Ratio Lower Upper

65 100

67 39.5 0.0 99.4



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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

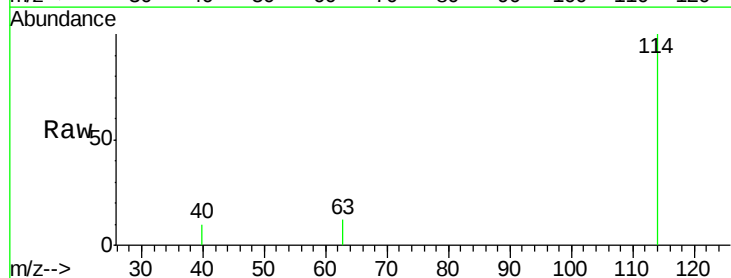
Tgt Ion: 114 Resp: 7933

Ion Ratio Lower Upper

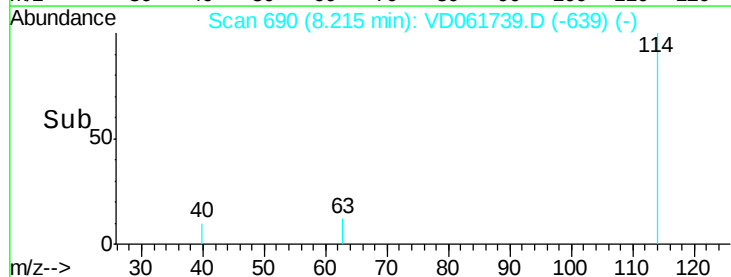
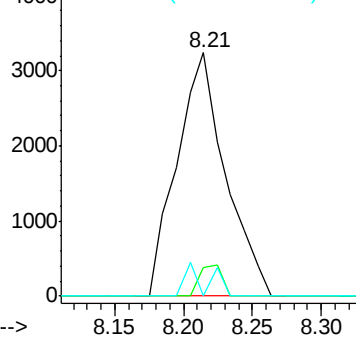
114 100

63 11.7 0.0 31.2

88 0.0 0.0 31.8



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





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

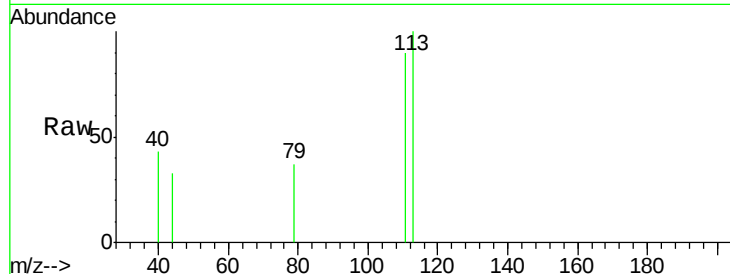
Delta R.T. -0.01 min

Lab File: VD061739.D

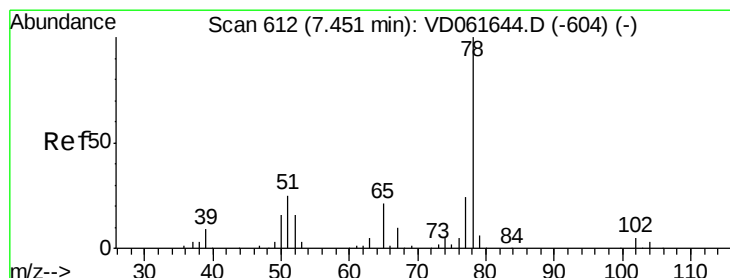
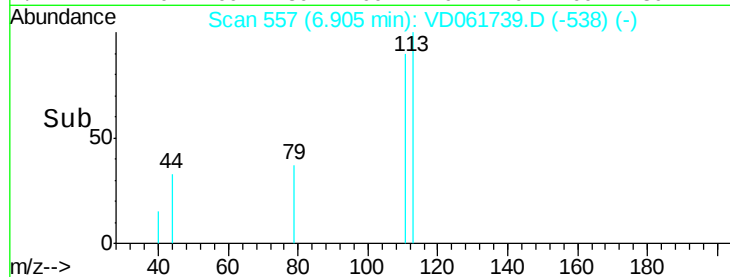
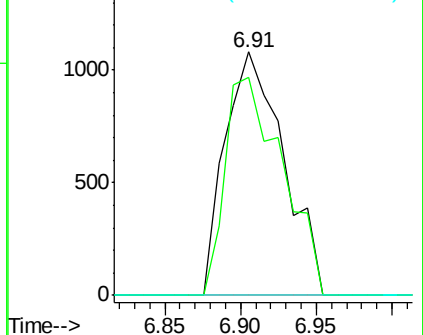
Acq: 11 Apr 2019 14:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:	113	Resp:	2906
Ion	Ratio	Lower	Upper
113	100		
111	89.5	79.3	118.9
192	0.0	12.3	18.5#



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



#40

Benzene

Concen: 2.406 ug/l

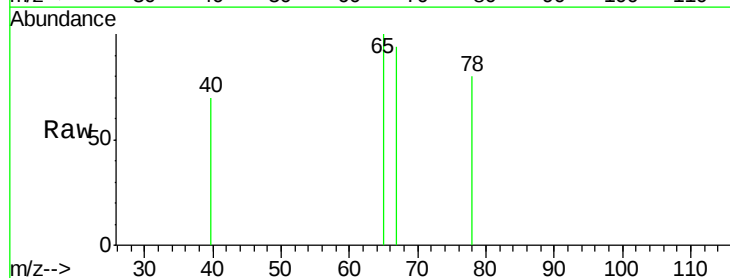
RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

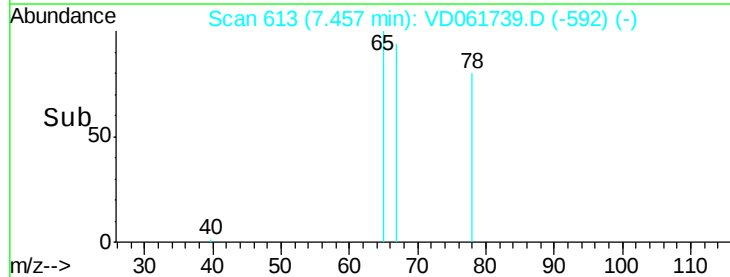
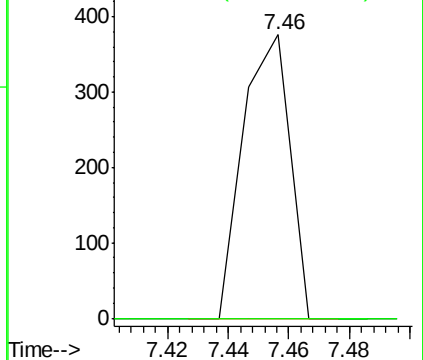
Lab File: VD061739.D

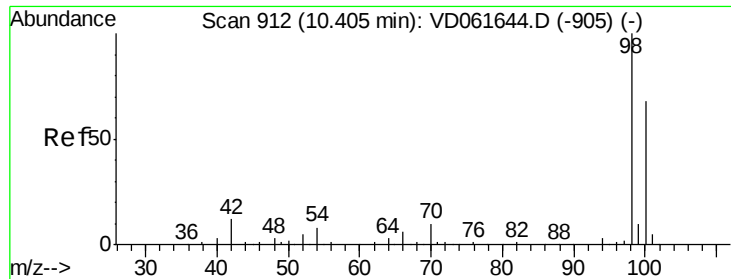
Acq: 11 Apr 2019 14:25

Tgt Ion:	78	Resp:	403
Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.5	29.3#



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC

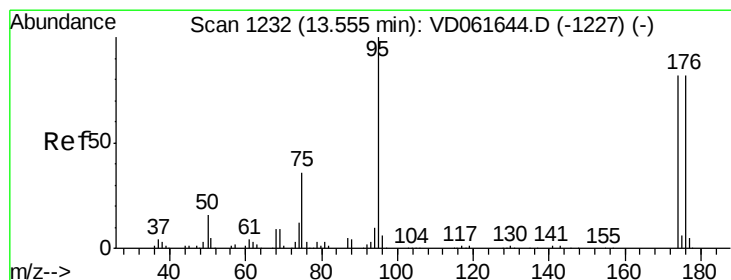
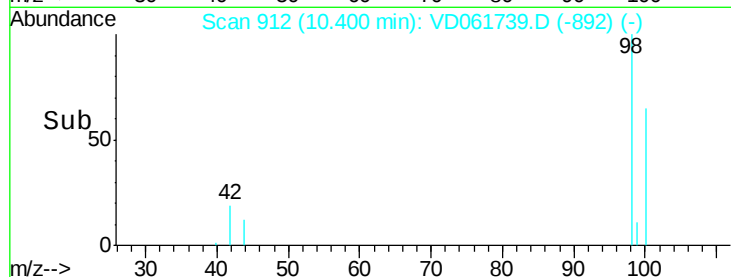
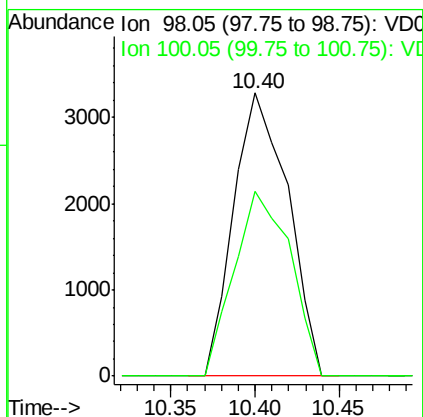
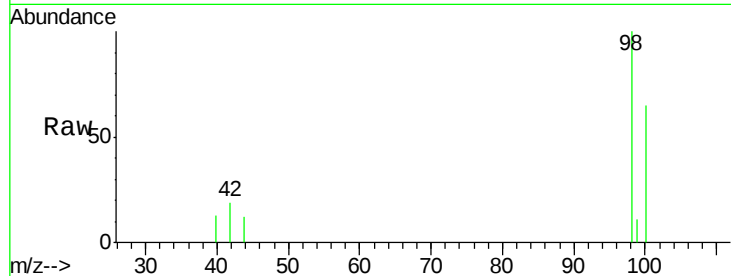




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061739.D
Acq: 11 Apr 2019 14:25

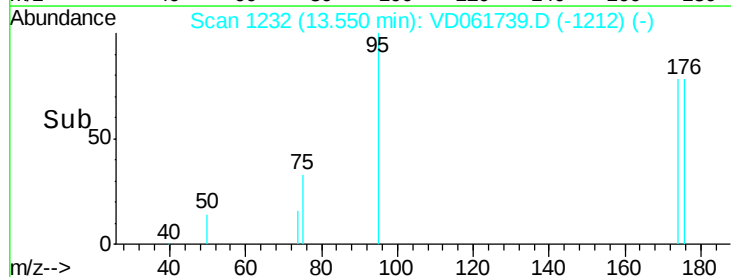
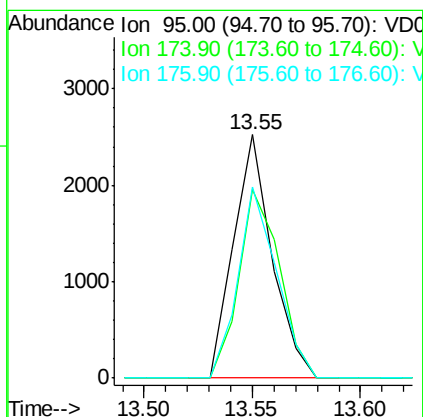
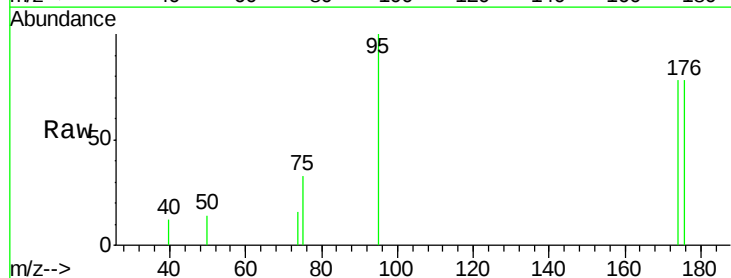
Instrument :
MSVOA_D
ClientSampleId :

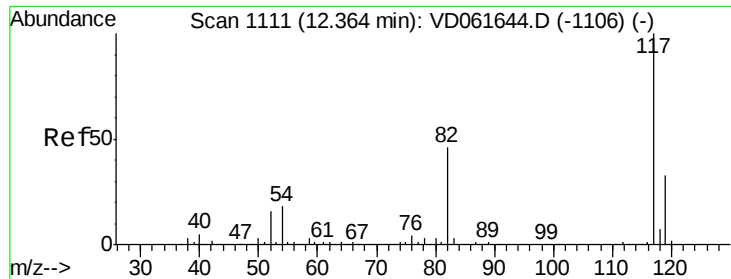
Tot Ion: 98 Resp: 7323
Ion Ratio Lower Upper
98 100
100 65.2 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061739.D
Acq: 11 Apr 2019 14:25

Tgt Ion: 95 Resp: 3118
Ion Ratio Lower Upper
95 100
174 77.5 0.0 164.6
176 78.4 0.0 165.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

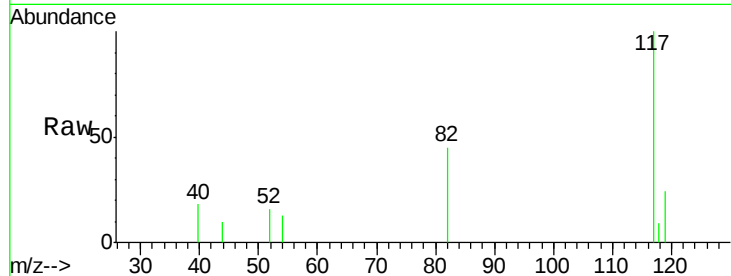
Tot Ion:117 Resp: 6407

Ion Ratio Lower Upper

117 100

82 45.1 36.8 55.2

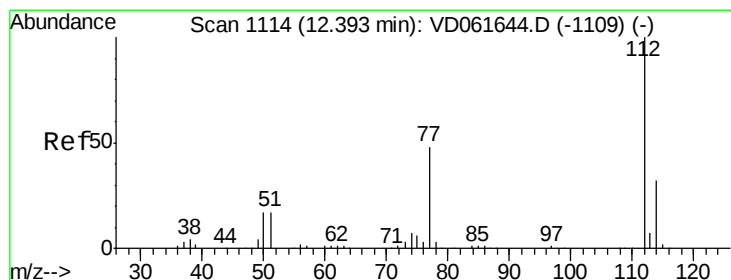
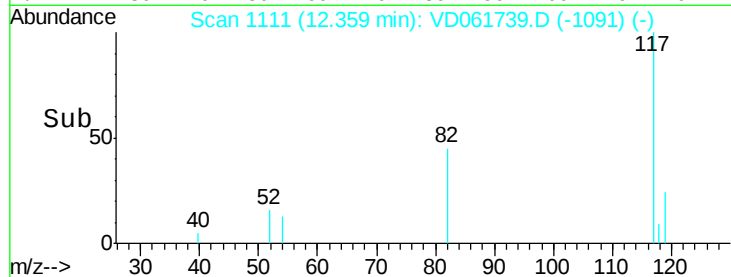
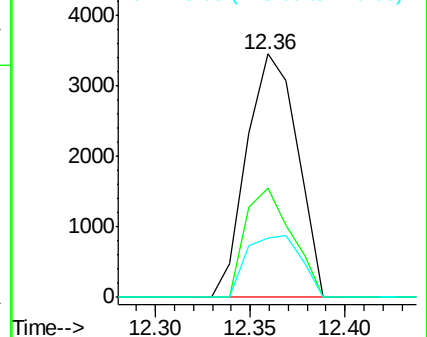
119 24.3 26.1 39.1#



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: 4.596 ug/l

RT: 12.40 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VD061739.D

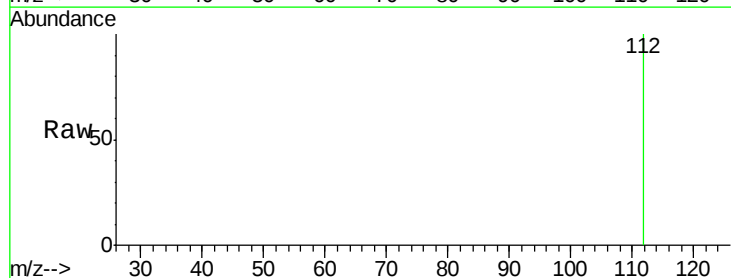
Acq: 11 Apr 2019 14:25

Tgt Ion:112 Resp: 584

Ion Ratio Lower Upper

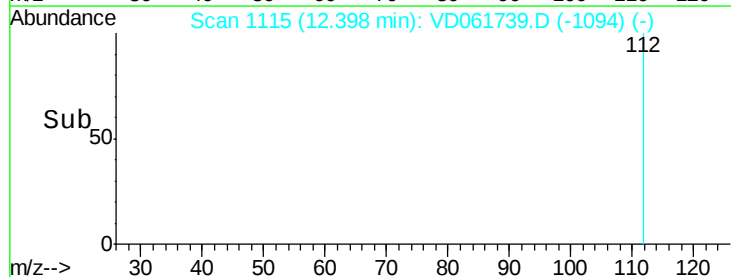
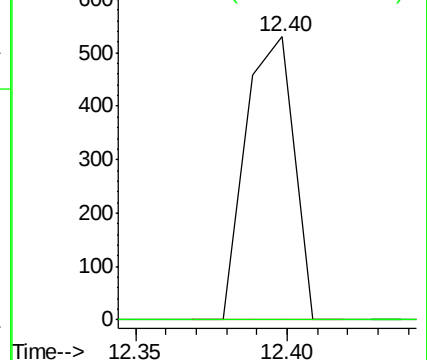
112 100

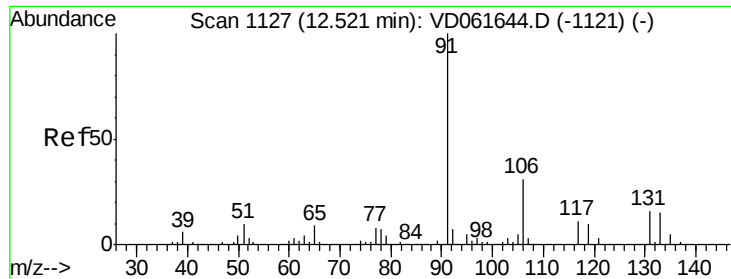
114 0.0 25.6 38.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

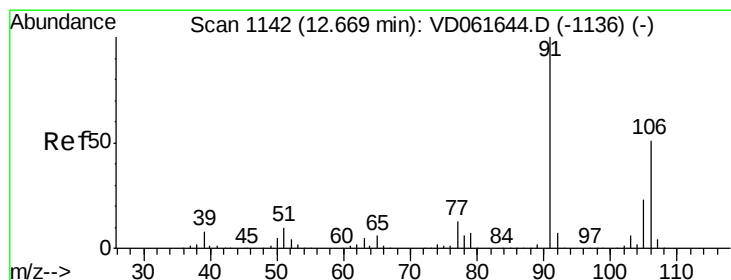
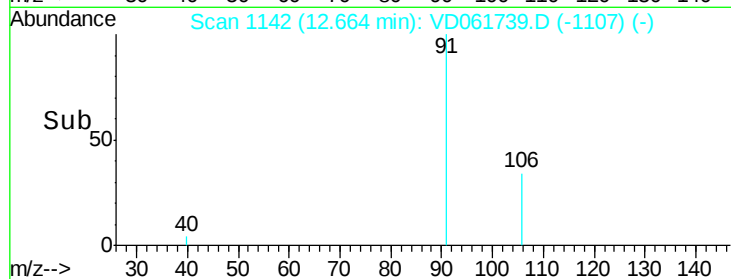
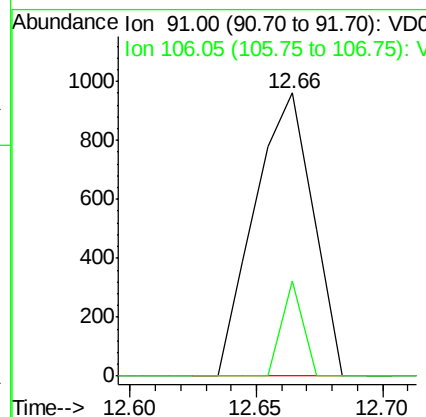
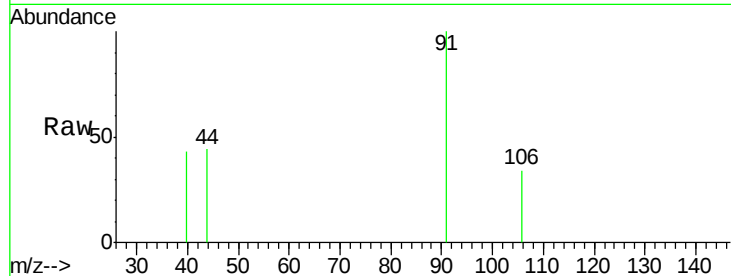




#67
Ethyl Benzene
Concen: 8.006 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.14 min
Lab File: VD061739.D
Acq: 11 Apr 2019 14:25

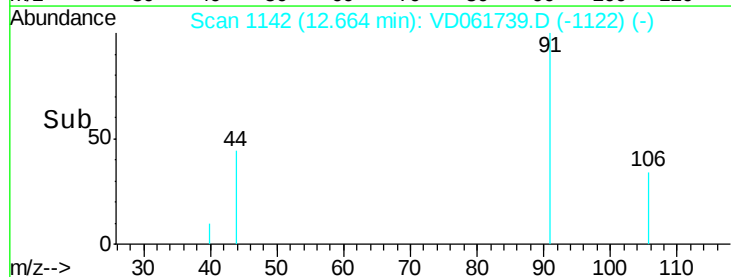
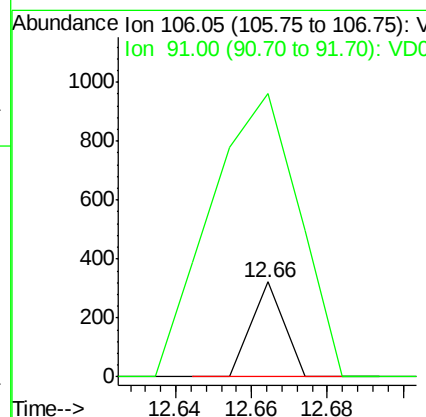
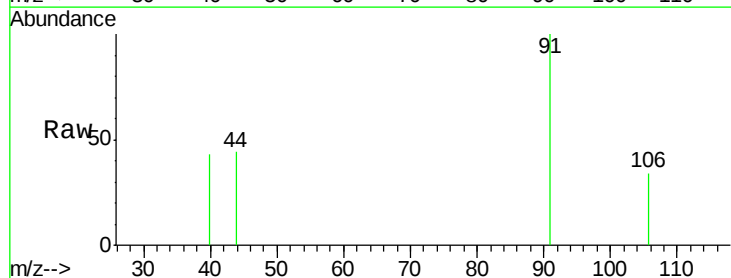
Instrument :
MSVOA_D
ClientSampleId :

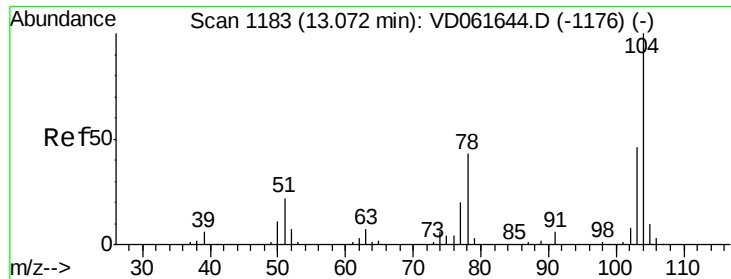
Tot Ion: 91 Resp: 1549
Ion Ratio Lower Upper
91 100
106 33.5 24.6 37.0



#68
m/p-Xylenes
Concen: 2.547 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD061739.D
Acq: 11 Apr 2019 14:25

Tgt Ion: 106 Resp: 190
Ion Ratio Lower Upper
106 100
91 298.4 156.7 235.1#

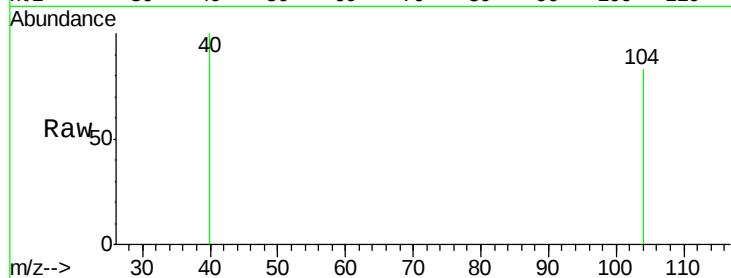




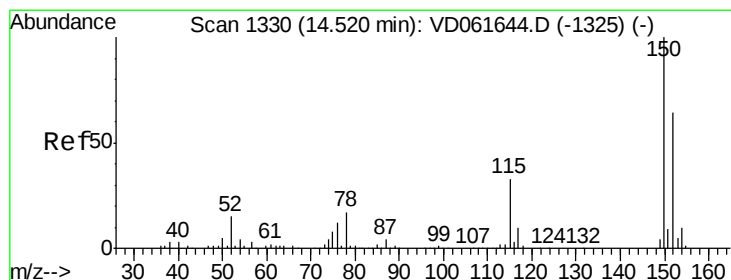
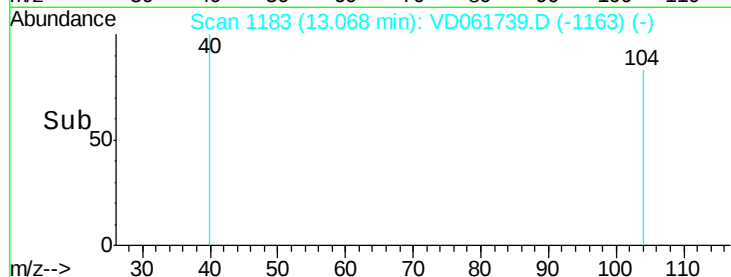
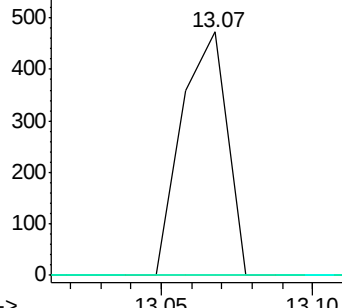
#70
Stvrene
Concen: 3.993 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD061739.D
Acq: 11 Apr 2019 14:25

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:104 Resp: 491
Ion Ratio Lower Upper
104 100
78 0.0 34.2 51.4#
103 0.0 37.2 55.8#

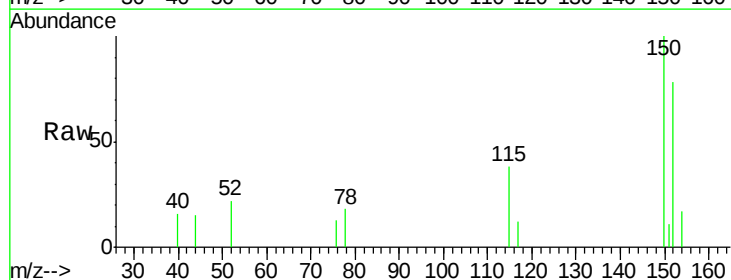


Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V

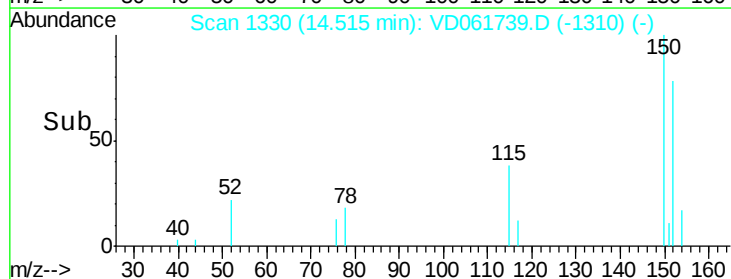
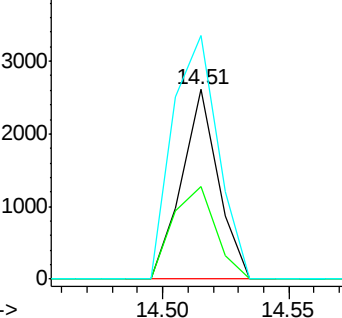


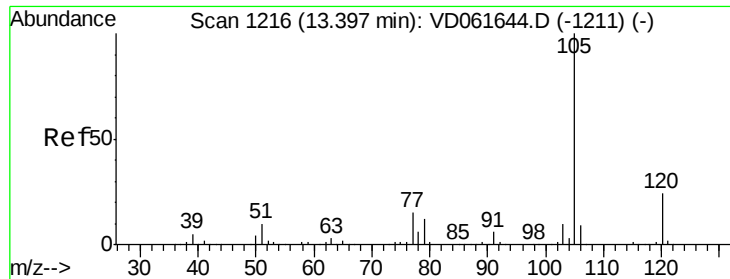
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061739.D
Acq: 11 Apr 2019 14:25

Tgt Ion:152 Resp: 2633
Ion Ratio Lower Upper
152 100
115 49.0 26.4 79.2
150 128.7 0.0 320.6



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





#73

Isopropylbenzene

Concen: 14.911 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

Instrument :

MSVOA_D

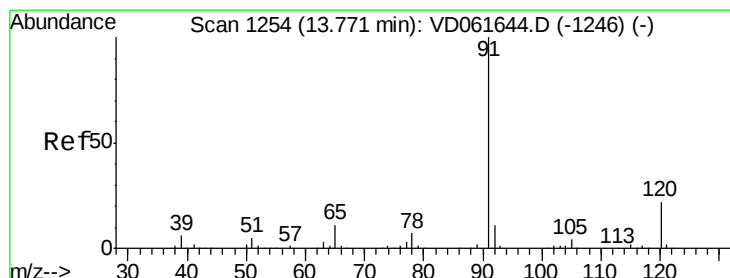
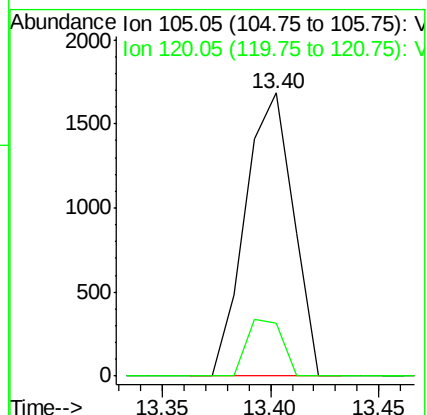
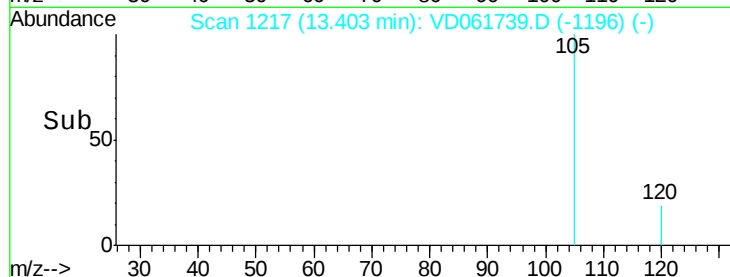
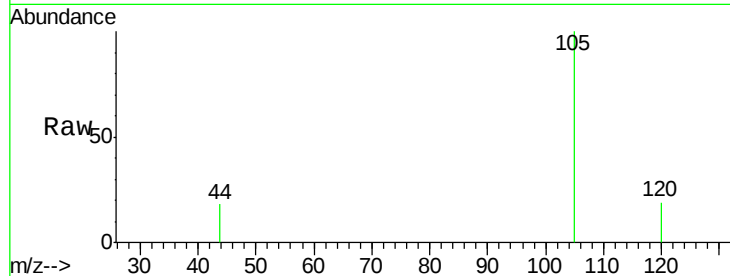
ClientSampleId :

Tot Ion: 105 Resp: 2616

Ion Ratio Lower Upper

105 100

120 18.8 12.2 36.4



#78

n-propylbenzene

Concen: 6.990 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061739.D

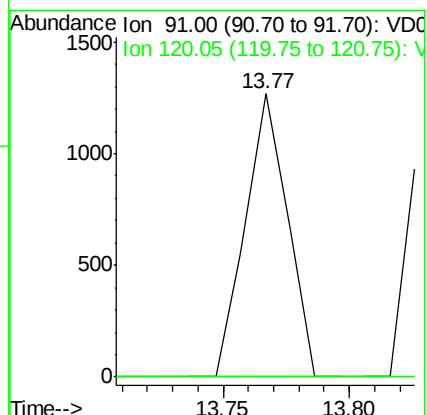
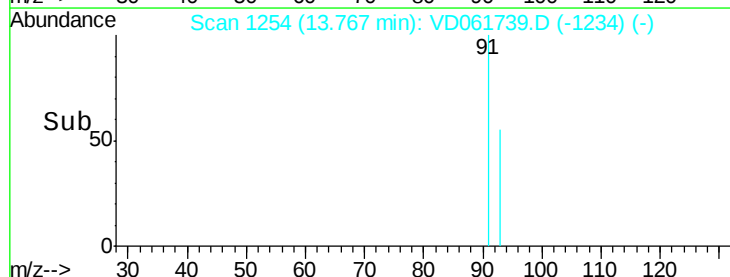
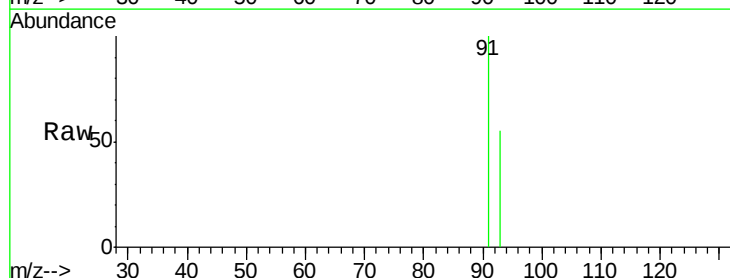
Acq: 11 Apr 2019 14:25

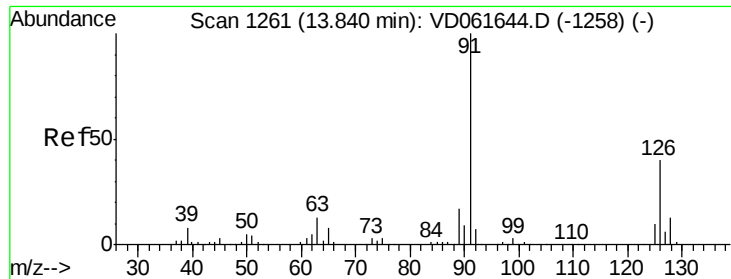
Tgt Ion: 91 Resp: 1467

Ion Ratio Lower Upper

91 100

120 0.0 10.8 32.4#





#79

2-Chlorotoluene

Concen: 17.982 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

Instrument :

MSVOA_D

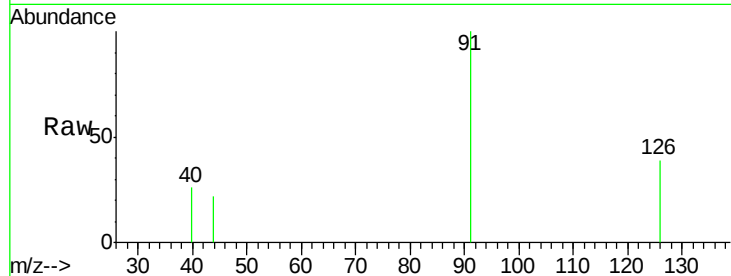
ClientSampleId :

Tot Ion: 91 Resp: 2158

Ion Ratio Lower Upper

91 100

126 39.3 20.0 59.9

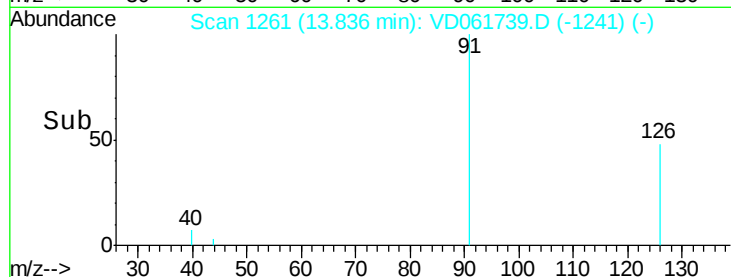


Abundance Ion 91.00 (90.70 to 91.70): V

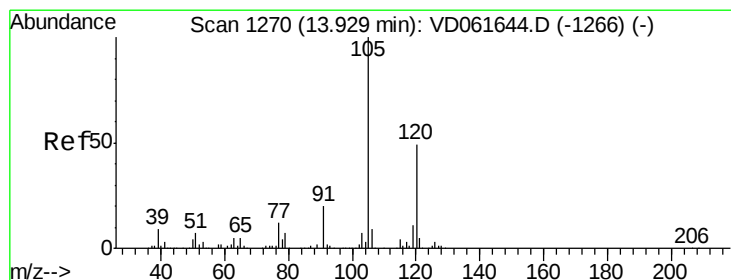
Ion 125.95 (125.65 to 126.65): V

13.84

13.85



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.451 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD061739.D

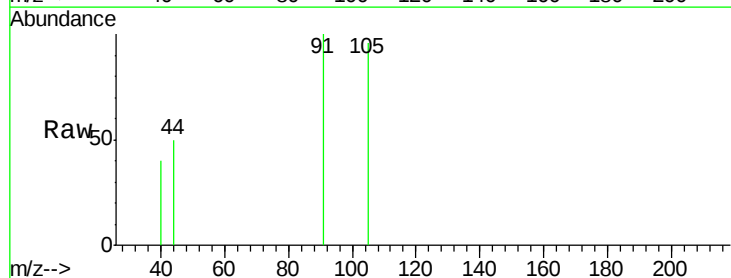
Acq: 11 Apr 2019 14:25

Tgt Ion: 105 Resp: 759

Ion Ratio Lower Upper

105 100

120 0.0 24.4 73.2#

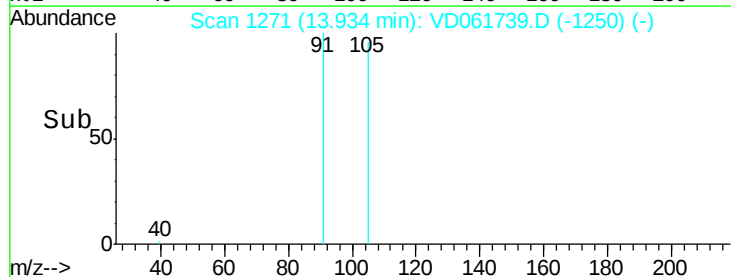


Abundance Ion 105.05 (104.75 to 105.75): V

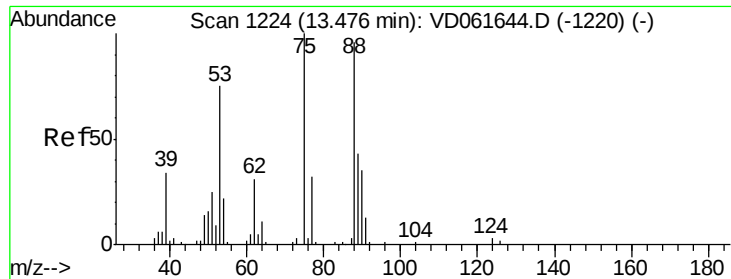
Ion 120.05 (119.75 to 120.75): V

13.93

13.95



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 90.062 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

Instrument :

MSVOA_D

ClientSampleId :

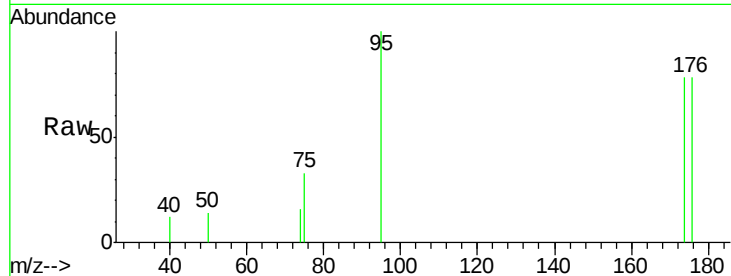
Tot Ion: 75 Resp: 979

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

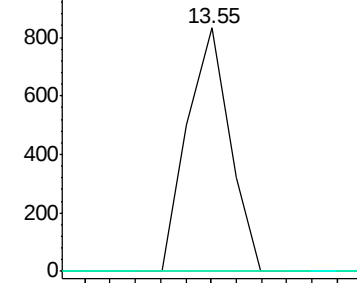
89 0.0 34.2 51.2#



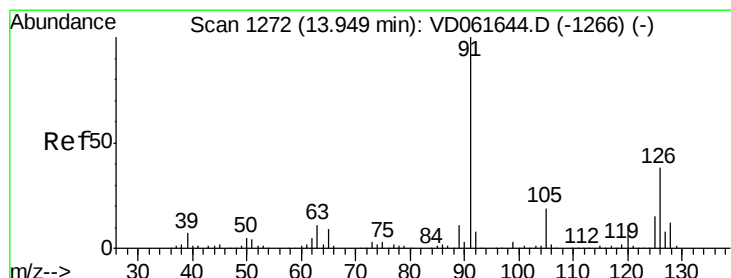
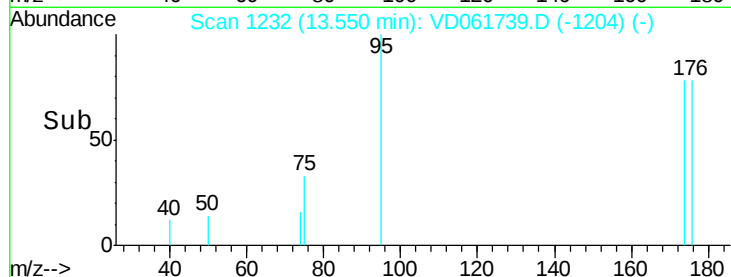
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



Time-->



#82

4-Chlorotoluene

Concen: 16.410 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. -0.11 min

Lab File: VD061739.D

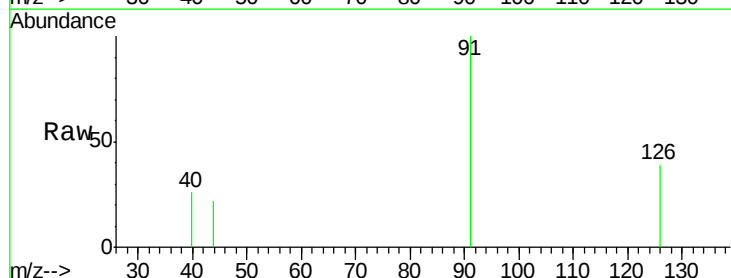
Acq: 11 Apr 2019 14:25

Tgt Ion: 91 Resp: 2158

Ion Ratio Lower Upper

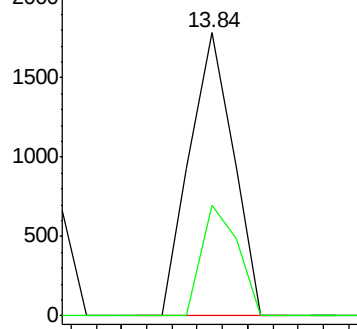
91 100

126 39.3 19.0 57.0

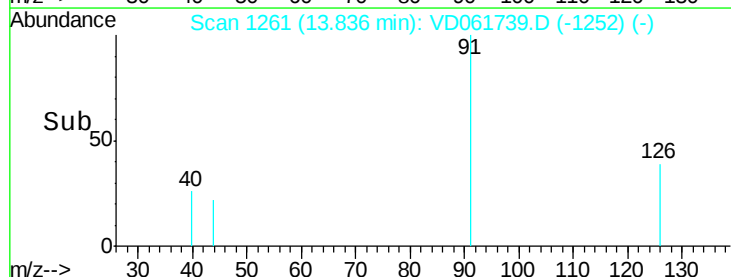


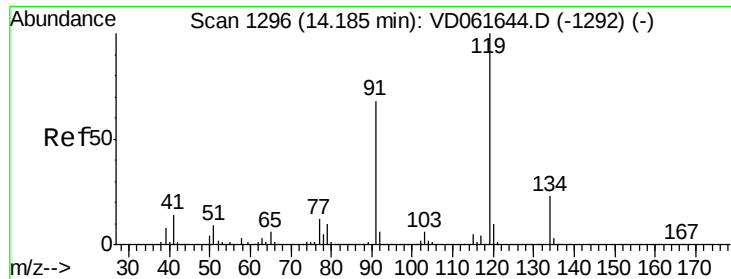
Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V



Time-->

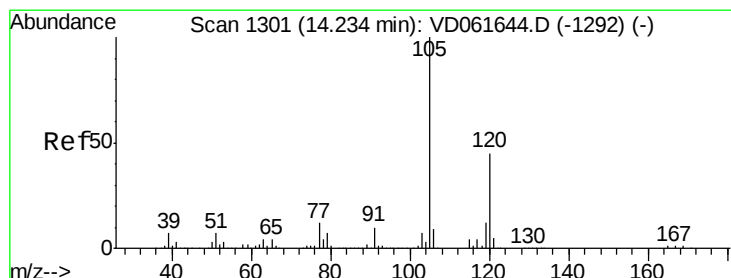
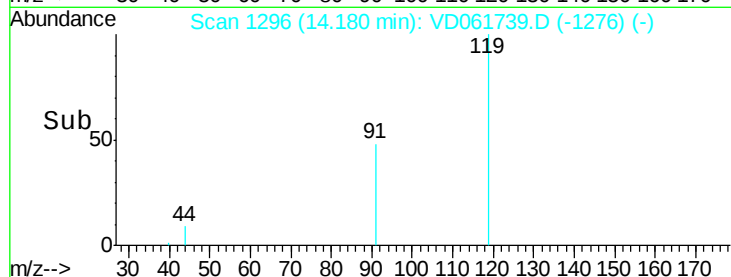
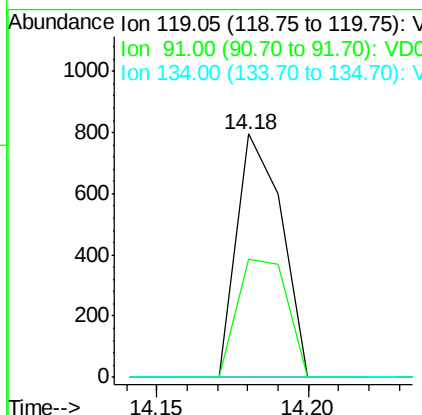
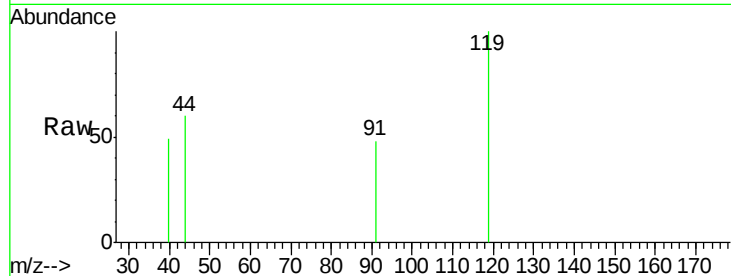




#83
 tert-Butylbenzene
 Concen: 4.914 ug/l
 RT: 14.18 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: VD061739.D
 Acq: 11 Apr 2019 14:25

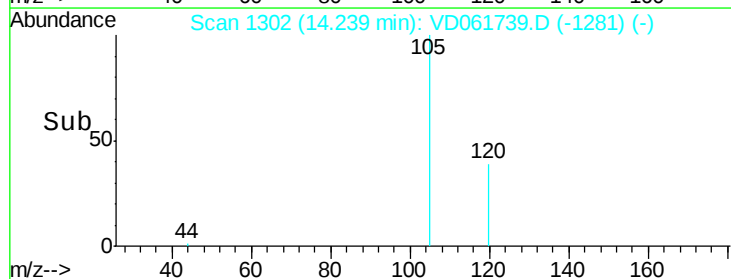
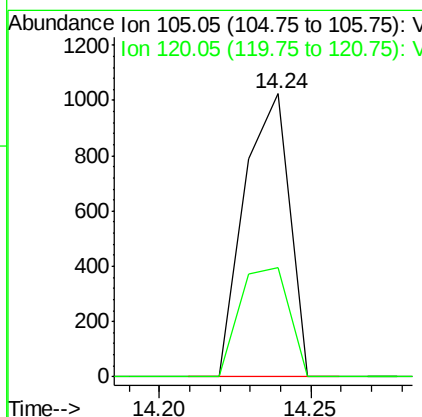
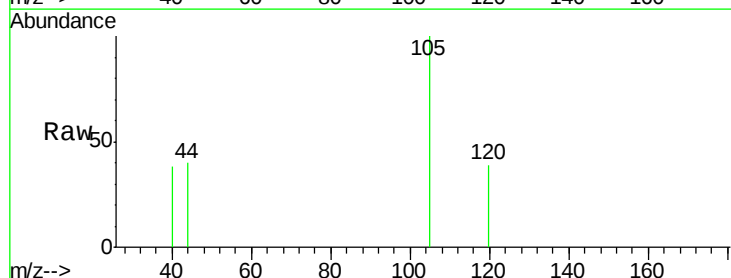
Instrument :
 MSVOA_D
 ClientSampleId :

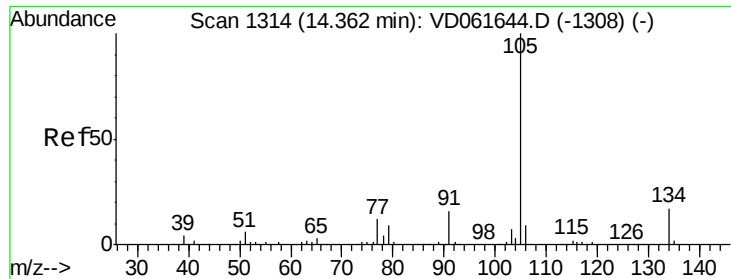
Tot Ion:119 Resp: 825
 Ion Ratio Lower Upper
 119 100
 91 48.5 33.9 101.6
 134 0.0 11.6 34.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 7.614 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061739.D
 Acq: 11 Apr 2019 14:25

Tgt Ion:105 Resp: 1070
 Ion Ratio Lower Upper
 105 100
 120 38.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 5.739 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.01 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

Instrument :

MSVOA_D

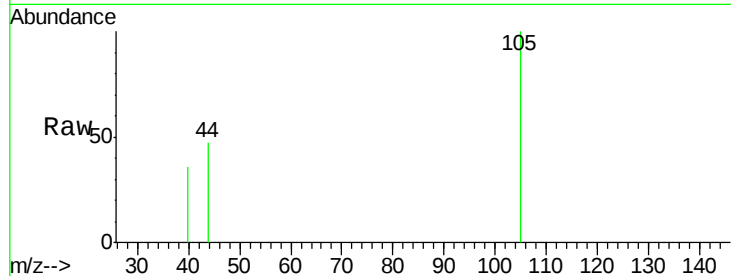
ClientSampleId :

Tot Ion:105 Resp: 1041

Ion Ratio Lower Upper

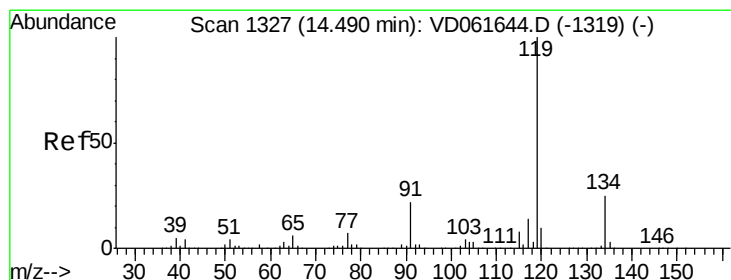
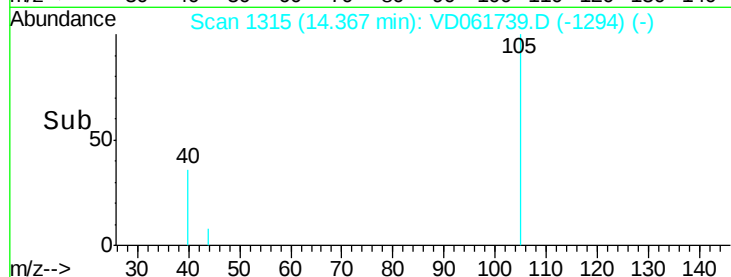
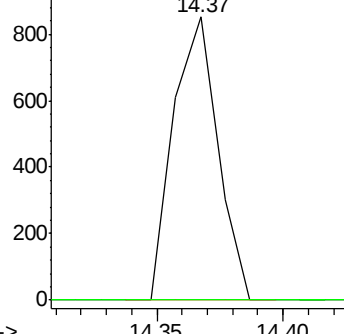
105 100

134 0.0 8.6 25.7#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 4.232 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD061739.D

Acq: 11 Apr 2019 14:25

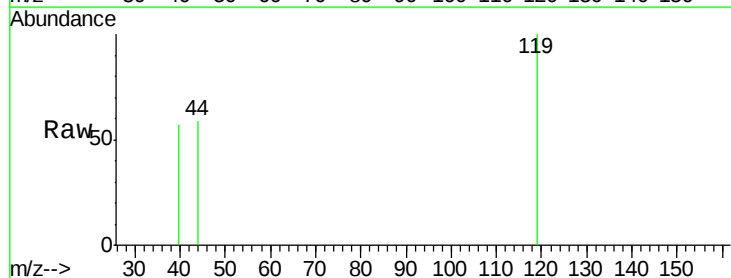
Tgt Ion:119 Resp: 666

Ion Ratio Lower Upper

119 100

134 0.0 12.5 37.5#

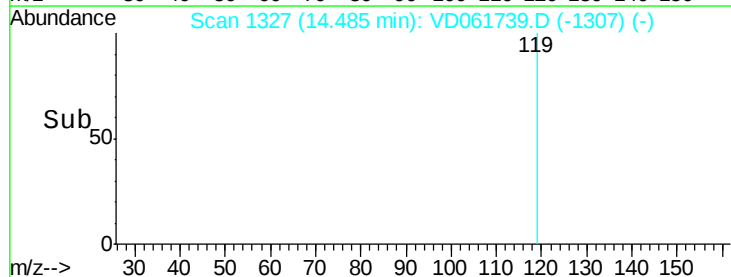
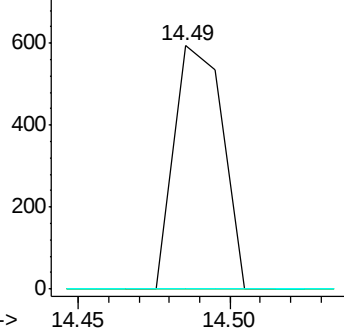
91 0.0 11.0 33.0#

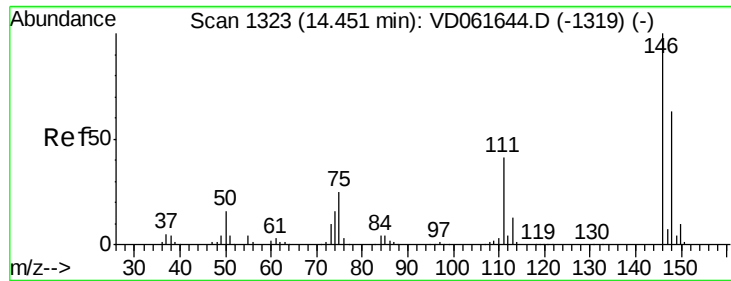


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

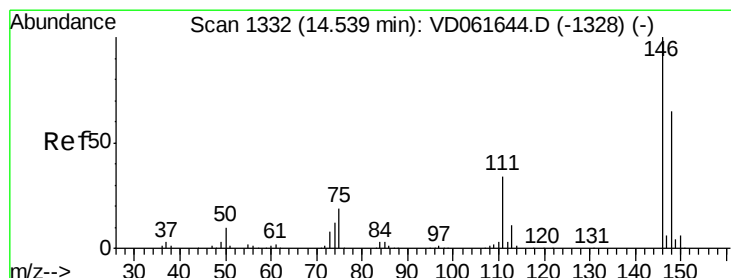
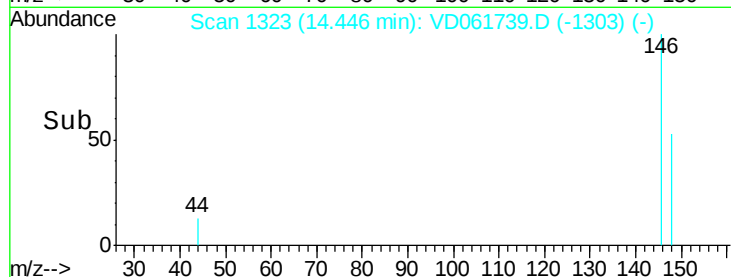
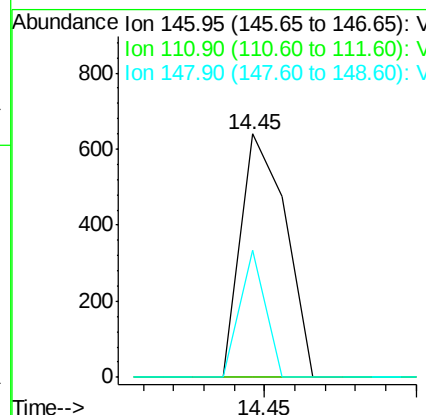
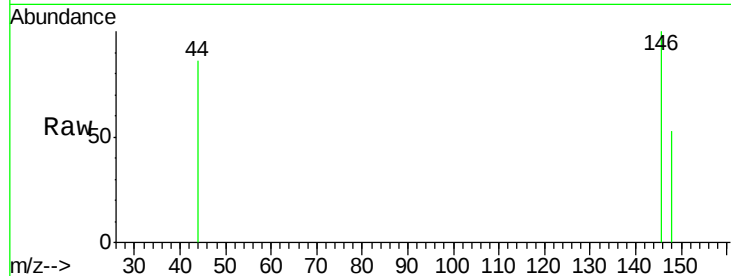




#87
 1,3-Dichlorobenzene
 Concen: 7.519 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VD061739.D
 Acq: 11 Apr 2019 14:25

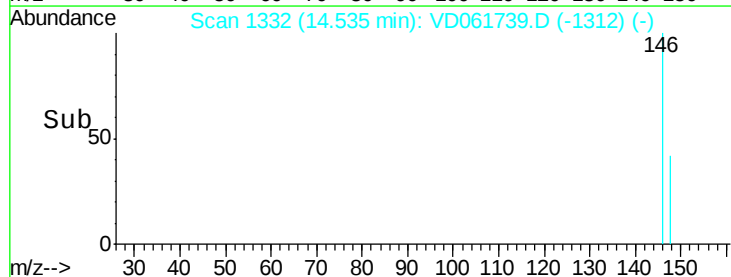
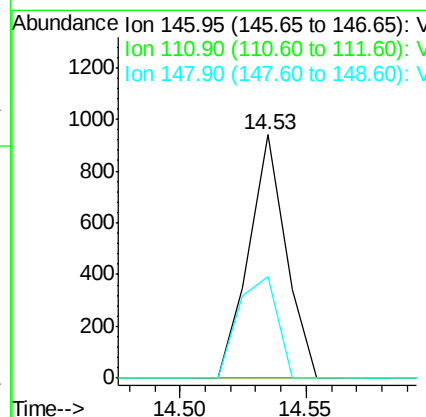
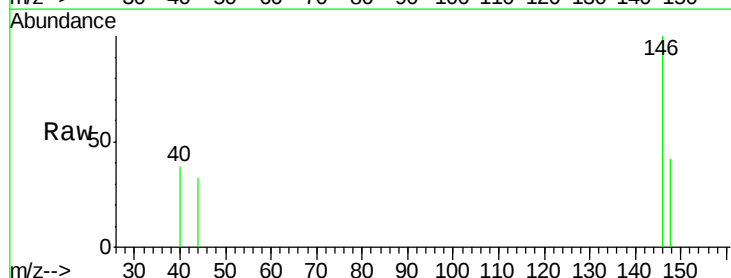
Instrument :
 MSVOA_D
 ClientSampleId :

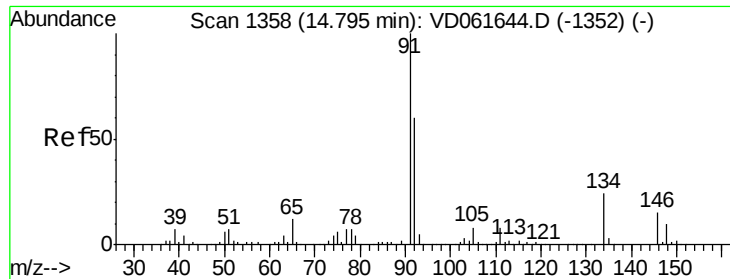
Tot Ion:146 Resp: 659
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.3 61.0#
 148 52.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 10.902 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061739.D
 Acq: 11 Apr 2019 14:25

Tgt Ion:146 Resp: 964
 Ion Ratio Lower Upper
 146 100
 111 0.0 17.1 51.2#
 148 41.6 32.6 97.7

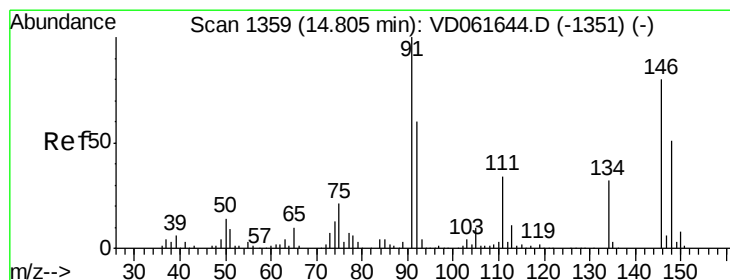
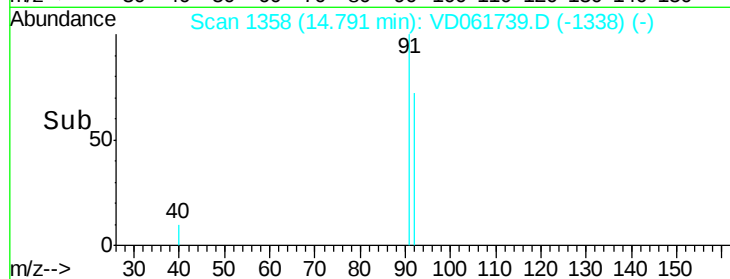
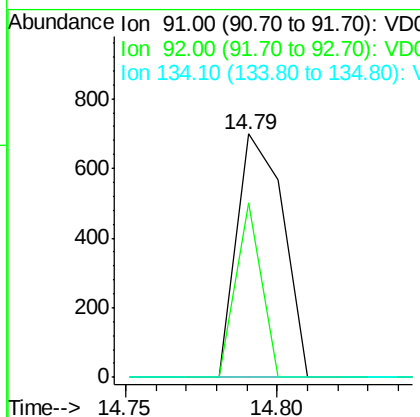
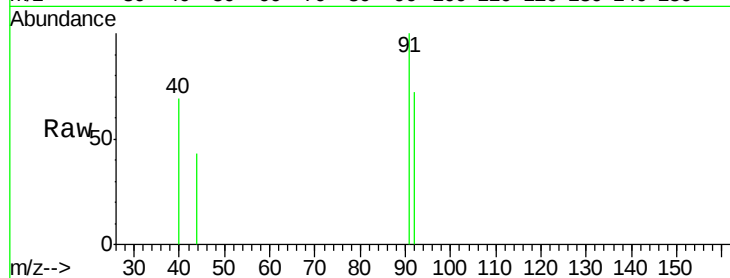




#89
n-Butylbenzene
Concen: 5.469 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD061739.D
Acq: 11 Apr 2019 14:25

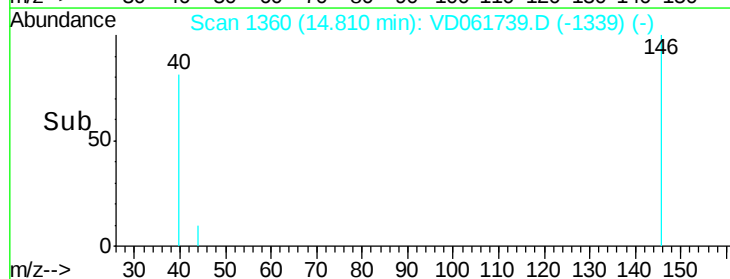
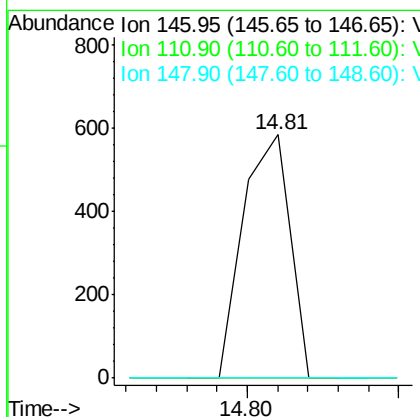
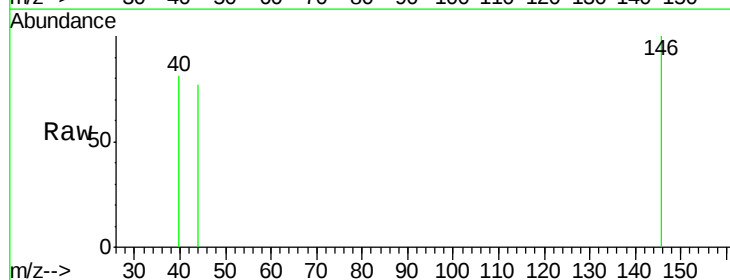
Instrument :
MSVOA_D
ClientSampleId :

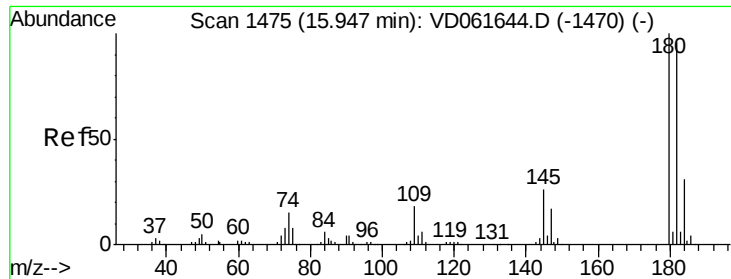
Tot Ion: 91 Resp: 748
Ion Ratio Lower Upper
91 100
92 71.8 29.8 89.4
134 0.0 12.2 36.4#



#91
1,2-Dichlorobenzene
Concen: 8.667 ug/l
RT: 14.81 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VD061739.D
Acq: 11 Apr 2019 14:25

Tgt Ion: 146 Resp: 626
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.3#
148 0.0 31.7 95.1#

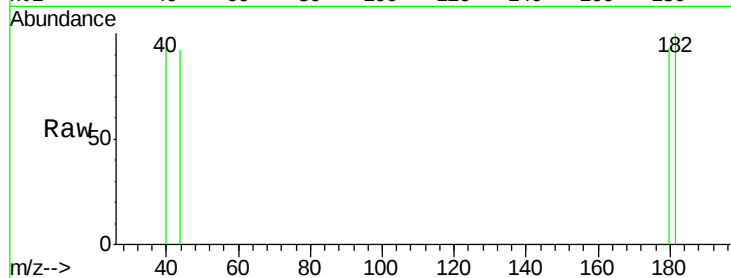




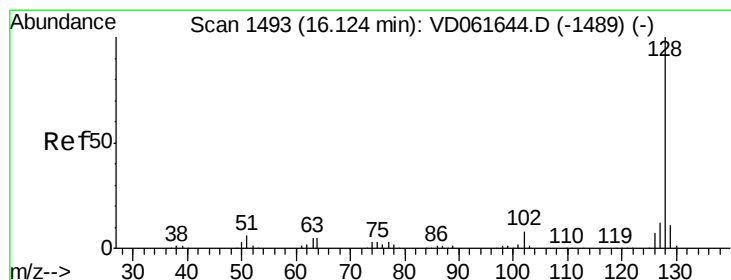
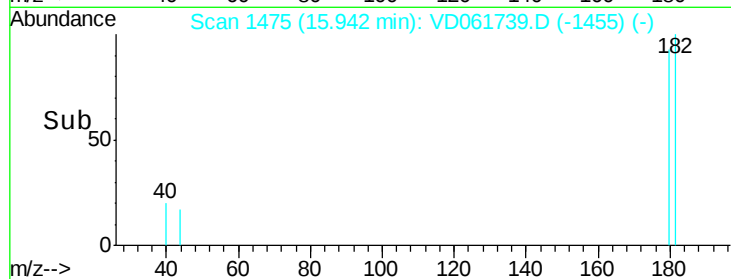
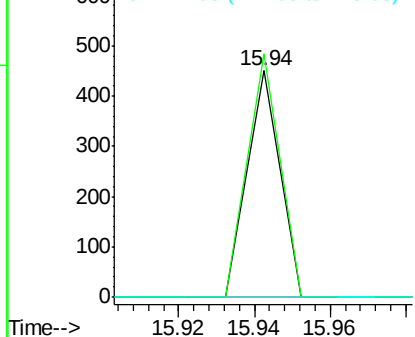
#93
 1,2,4-Trichlorobenzene
 Concen: 7.228 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD061739.D
 Acq: 11 Apr 2019 14:25

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 266
 Ion Ratio Lower Upper
 180 100
 182 107.3 47.8 143.3
 145 0.0 13.3 39.8#

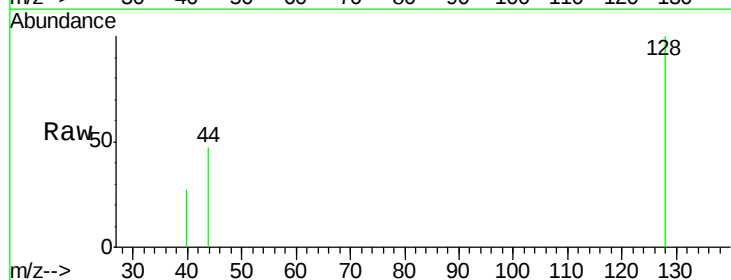


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

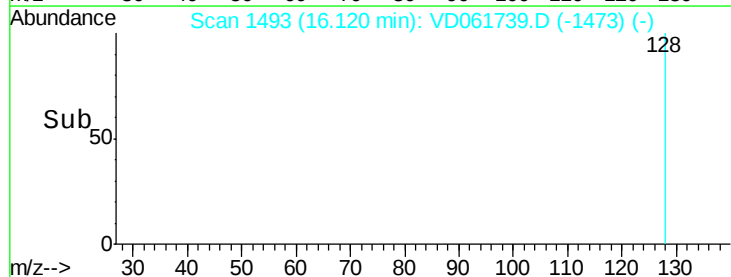
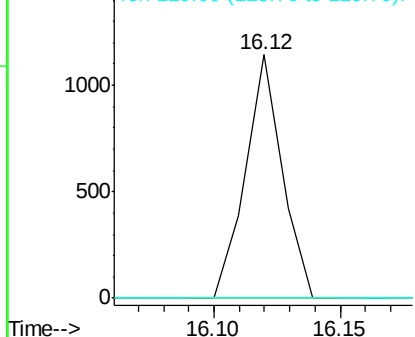


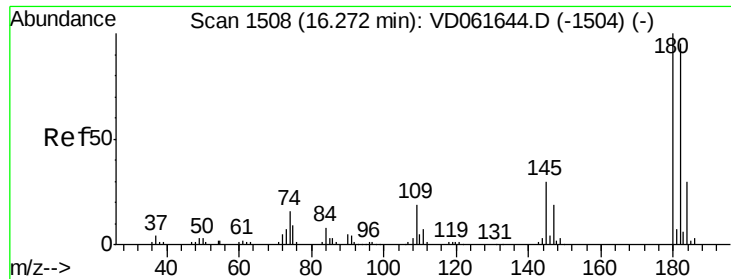
#95
 Naphthalene
 Concen: 19.870 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VD061739.D
 Acq: 11 Apr 2019 14:25

Tgt Ion:128 Resp: 1157
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.4 14.2#
 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

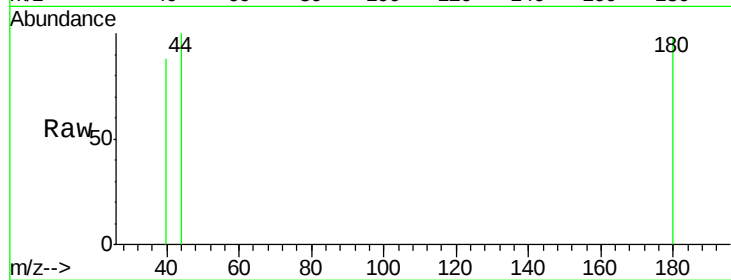




#96
 1,2,3-Trichlorobenzene
 Concen: 13.612 ug/l
 RT: 16.27 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VD061739.D
 Acq: 11 Apr 2019 14:25

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 250
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 0.0 15.1 45.3#



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

