

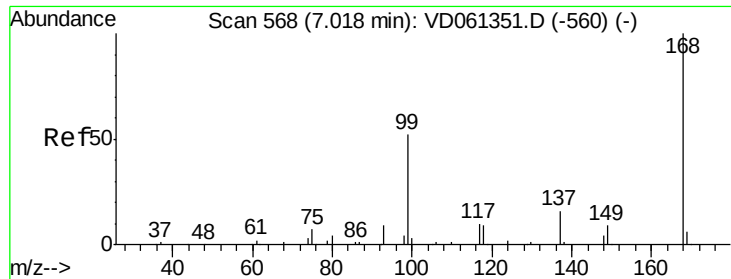
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061629.D
 Acq On : 5 Apr 2019 19:02
 Operator : VA/AP
 Sample : K2193-05RE
 Misc : 4.64g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 06 00:29:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	574020	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	892428	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	682975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	265125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	172238	35.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.26%	
35) Dibromofluoromethane	6.91	113	280903	41.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.38%	
50) Toluene-d8	10.39	98	544745	33.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.60%	
62) 4-Bromofluorobenzene	13.60	95	15337	2.45	ug/l	0.06
Spiked Amount	50.000		Recovery	=	4.90%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.86	74	3837	1.785	ug/l	87
16) Acetone	3.21	43	57394	45.532	ug/l	97
20) Methylene Chloride	3.81	84	73538	8.833	ug/l	91
31) Cyclohexane	7.03	56	9726	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	39810	5.111	ug/l #	47
38) Carbon Tetrachloride	7.03	117	54030	6.037	ug/l #	14
52) Toluene	10.49	92	16708	1.401	ug/l	93
55) 1,1,2-Trichloroethane	11.08	97	13384	3.209	ug/l #	15
59) 2-Hexanone	11.48	43	15413	7.214	ug/l #	26
67) Ethyl Benzene	12.51	91	23940	1.124	ug/l	100
69) o-Xylene	13.04	106	398473	50.880	ug/l	99
70) Styrene	13.04	104	18449	1.351	ug/l #	1
73) Isopropylbenzene	13.40	105	60716	3.290	ug/l	99
74) N-amyl acetate	13.21	43	114065	22.190	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	13.66	83	21493	5.522	ug/l #	82
76) 1,2,3-Trichloropropane	13.87	75	4954	1.294	ug/l #	1
78) n-propylbenzene	13.76	91	83345	3.691	ug/l	95
79) 2-Chlorotoluene	13.87	91	84130	6.861	ug/l #	36
80) 1,3,5-Trimethylbenzene	13.93	105	1334986	93.245	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.54	75	81998	70.221	ug/l #	29
82) 4-Chlorotoluene	13.93	91	134325	10.075	ug/l #	37
83) tert-Butylbenzene	14.18	119	28526	1.594	ug/l	99
84) 1,2,4-Trimethylbenzene	14.08	105	1329378	85.767	ug/l	77
85) sec-Butylbenzene	14.36	105	186866	9.831	ug/l	95
86) p-Isopropyltoluene	14.49	119	288563	17.953	ug/l	98
89) n-Butylbenzene	14.78	91	337506	22.878	ug/l #	1
90) Hexachloroethane	15.09	117	358281	78.903	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	15.38	75	5892	12.906	ug/l #	7
95) Naphthalene	16.11	128	7313	1.386	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

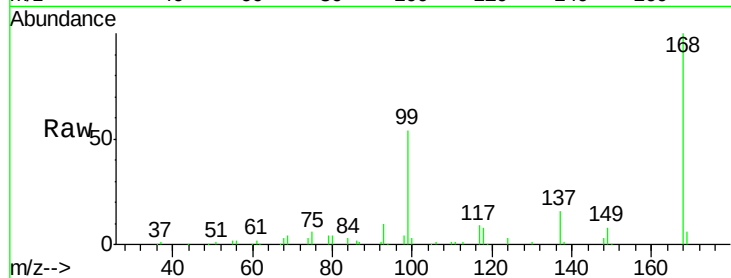
ClientSampled :

Tot Ion:168 Resp: 574020

Ion Ratio Lower Upper

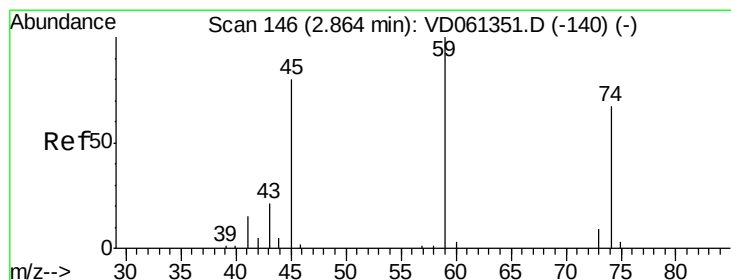
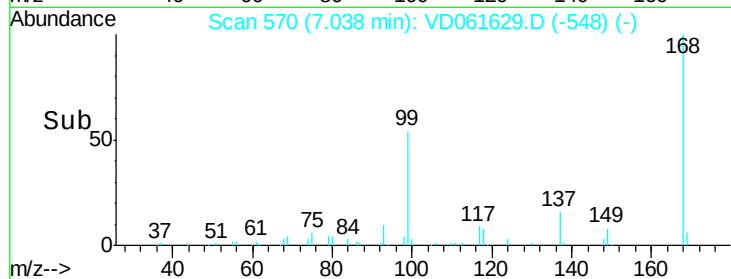
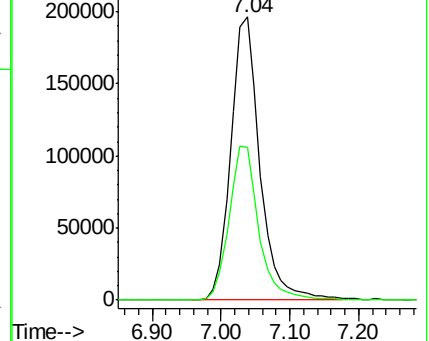
168 100

99 53.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.785 ug/l

RT: 2.86 min Scan# 146

Delta R.T. 0.00 min

Lab File: VD061629.D

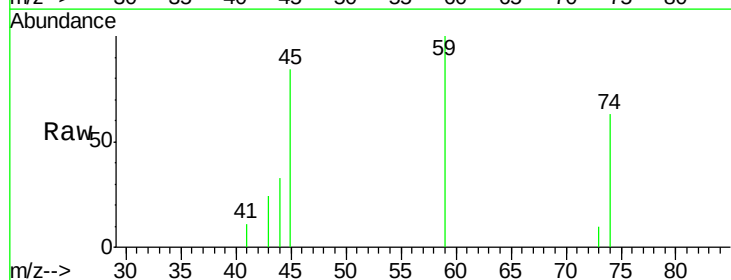
Acq: 5 Apr 2019 19:02

Tgt Ion: 74 Resp: 3837

Ion Ratio Lower Upper

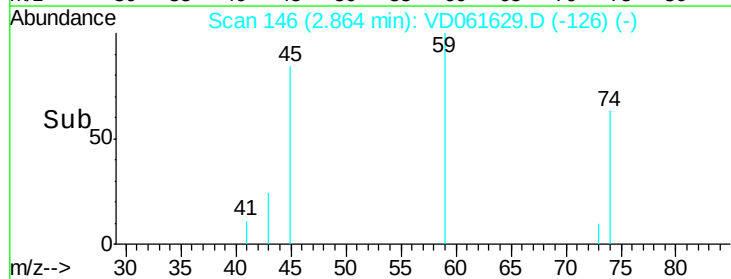
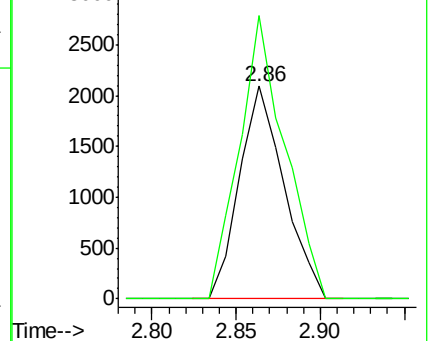
74 100

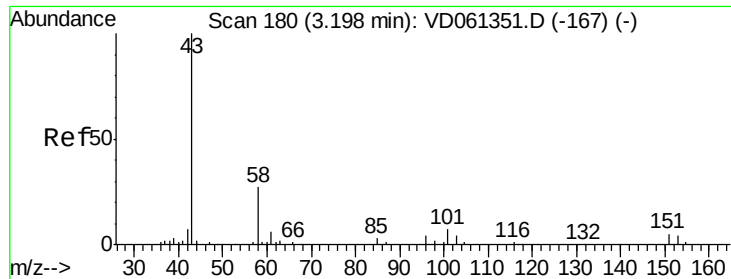
45 133.3 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 45.532 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

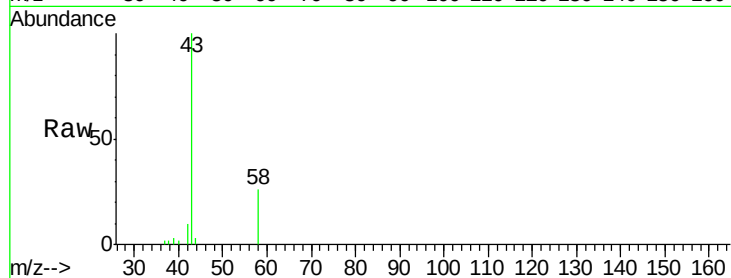
ClientSampleId :

Tot Ion: 43 Resp: 57394

Ion Ratio Lower Upper

43 100

58 25.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

20000

15000

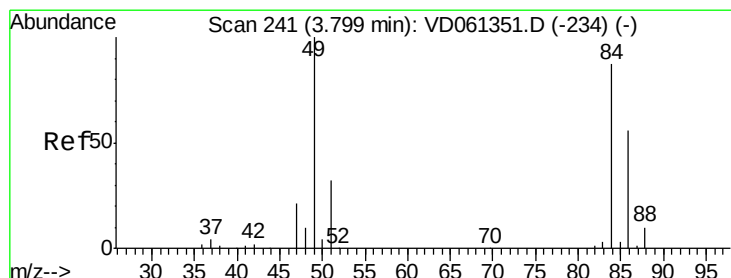
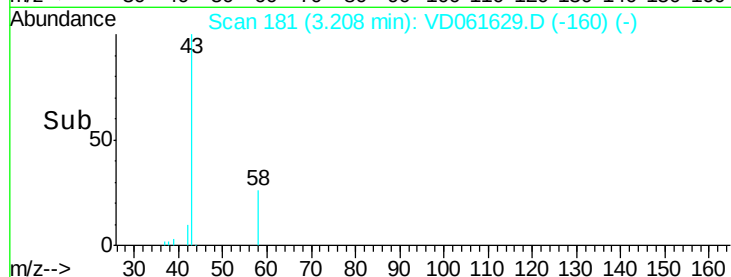
10000

5000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 8.833 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Tgt Ion: 84 Resp: 73538

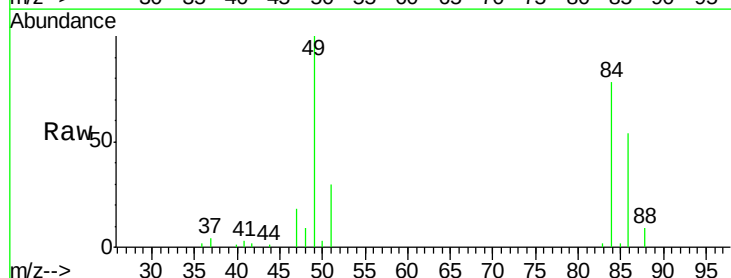
Ion Ratio Lower Upper

84 100

49 128.6 91.8 137.8

51 38.3 29.8 44.8

86 69.3 51.8 77.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

40000

30000

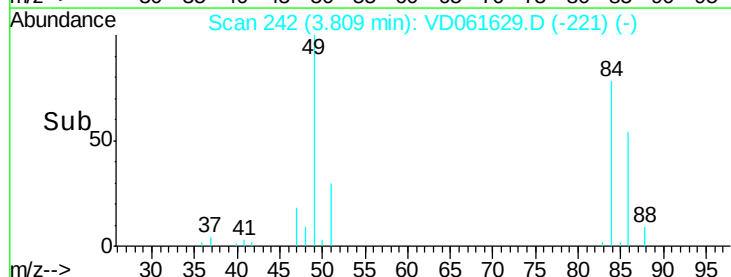
20000

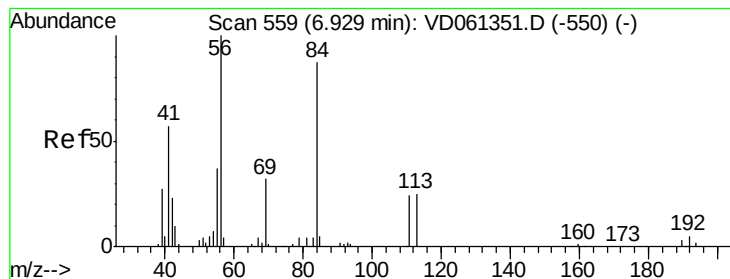
10000

0

3.70 3.80 3.90 4.00

Time-->





#31

Cyclohexane

Concen: 1.152 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.10 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

ClientSampleId :

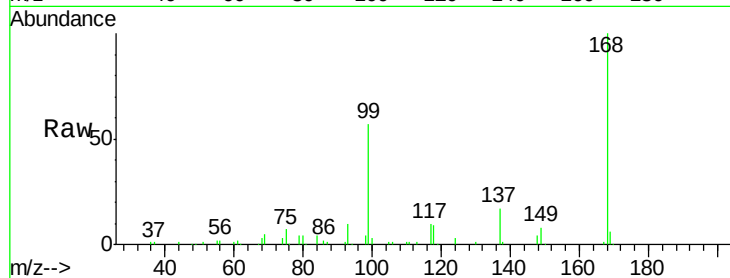
Tot Ion: 56 Resp: 9726

Ion Ratio Lower Upper

56 100

69 287.6 25.7 38.5#

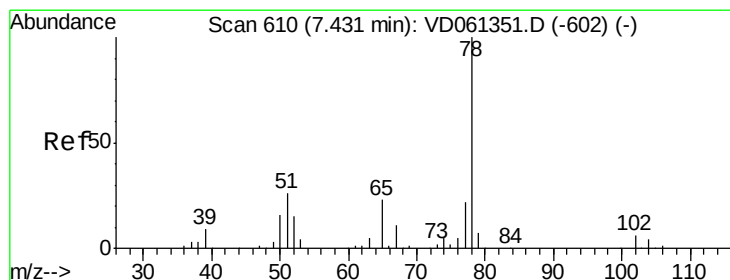
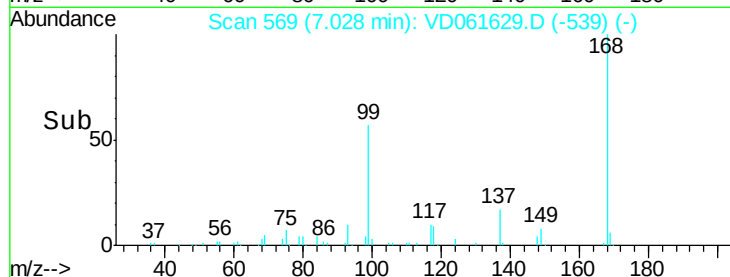
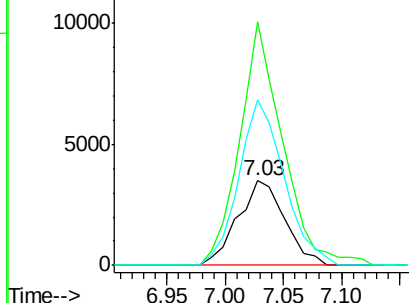
84 195.9 70.6 105.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061629.D

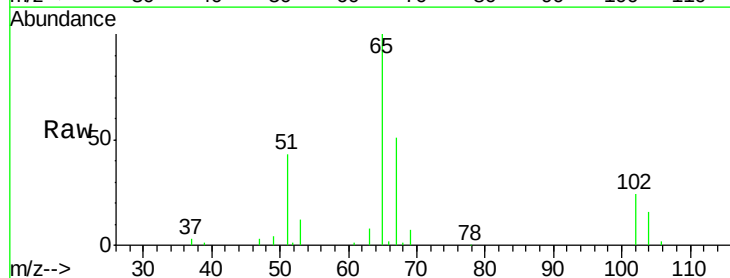
Acq: 5 Apr 2019 19:02

Tgt Ion: 65 Resp: 172238

Ion Ratio Lower Upper

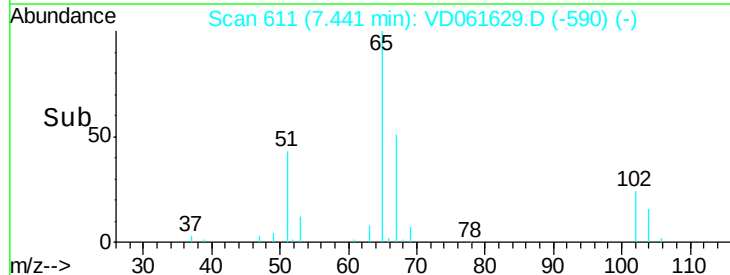
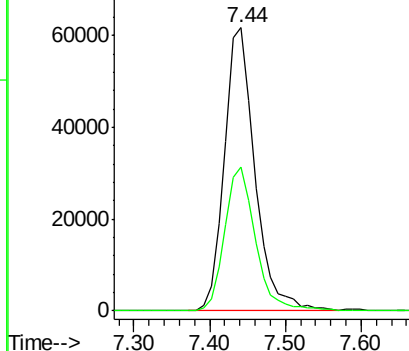
65 100

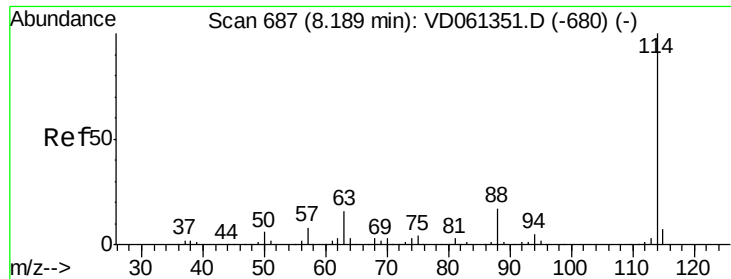
67 50.8 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

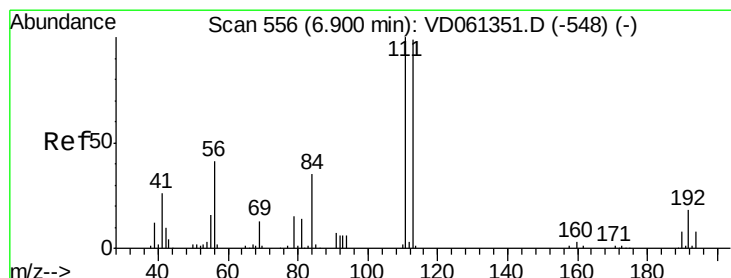
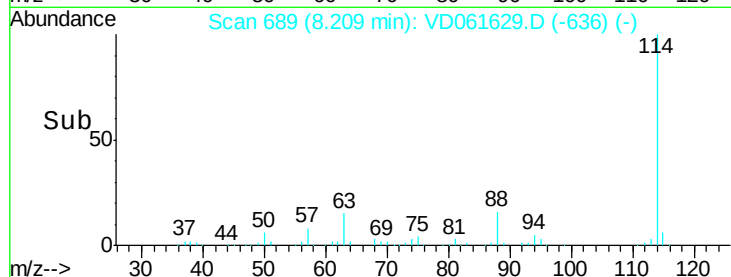
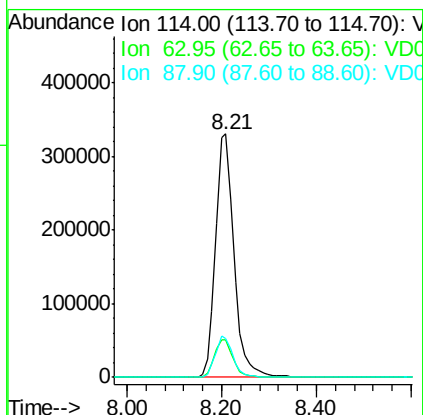
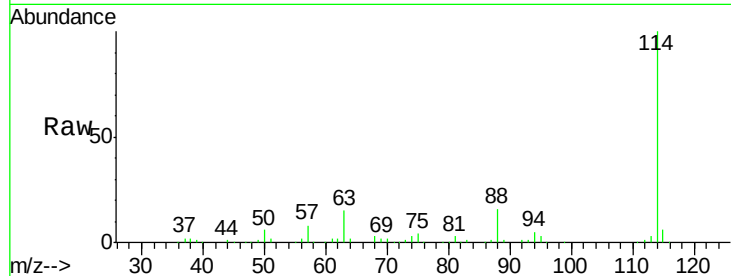




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061629.D
 Acq: 5 Apr 2019 19:02

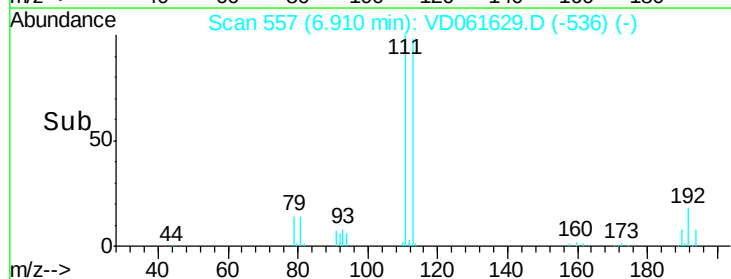
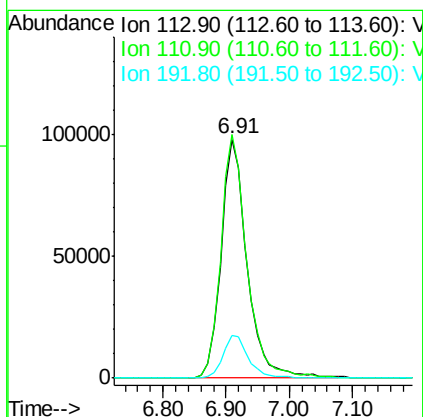
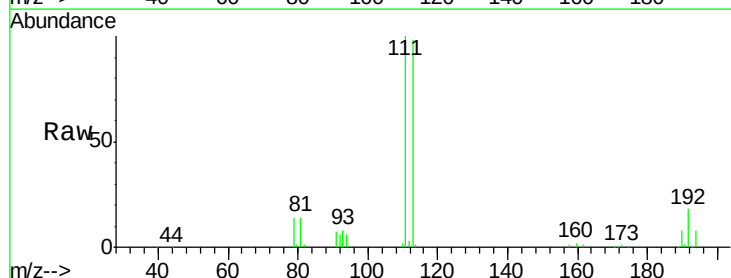
Instrument :
 MSVOA_D
 ClientSampleId :

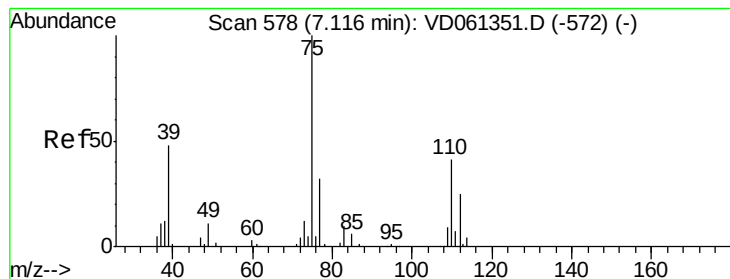
Tot Ion:114 Resp: 892428
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.6
 88 15.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061629.D
 Acq: 5 Apr 2019 19:02

Tgt Ion:113 Resp: 280903
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 18.0 14.4 21.6





#36

1,1-Dichloropropene

Concen: 5.111 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

ClientSampleId :

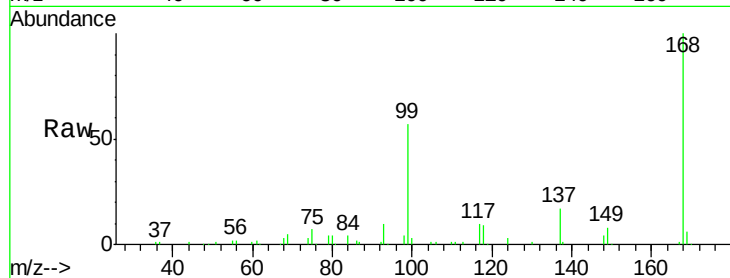
Tot Ion: 75 Resp: 39810

Ion Ratio Lower Upper

75 100

110 9.4 20.4 61.3#

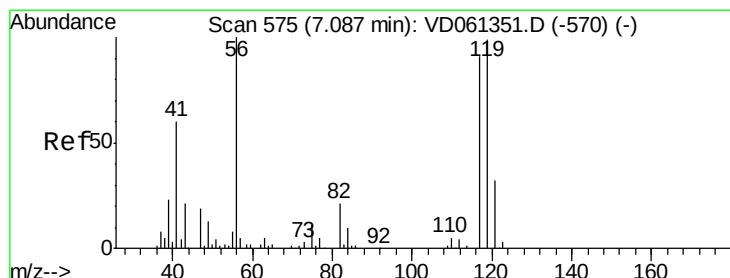
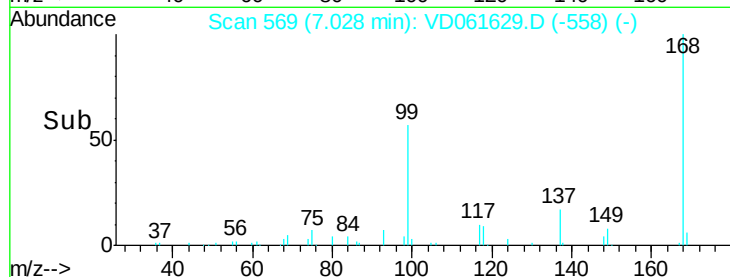
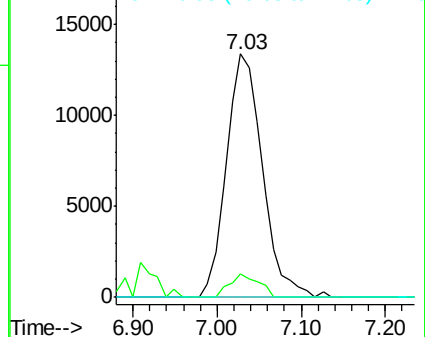
77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.037 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.06 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

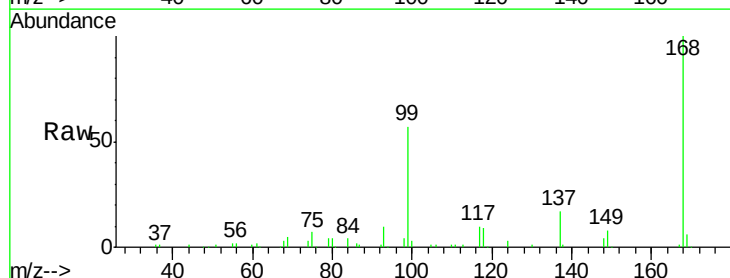
Tgt Ion: 117 Resp: 54030

Ion Ratio Lower Upper

117 100

119 4.9 80.1 120.1#

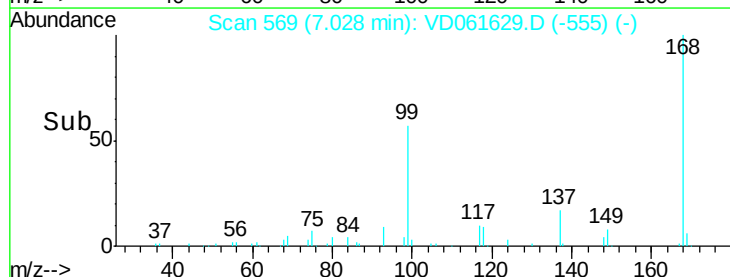
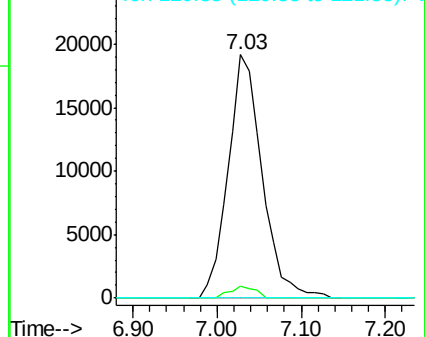
121 0.0 25.6 38.4#

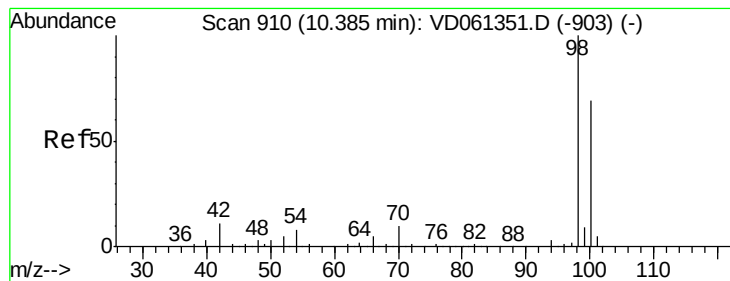


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.01 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

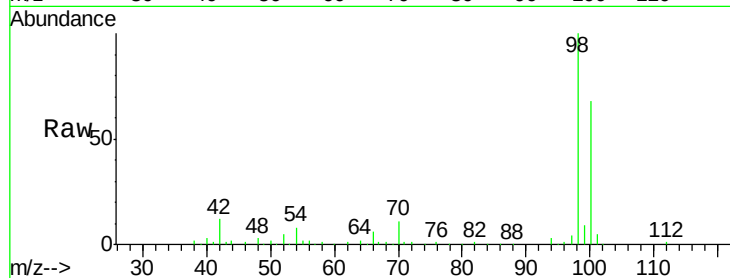
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 544745

Ion Ratio Lower Upper

98 100

100 67.6 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.39

250000

200000

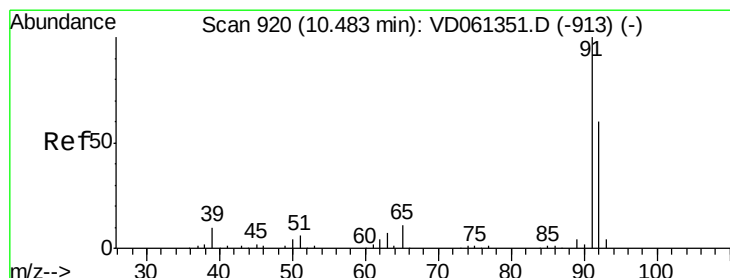
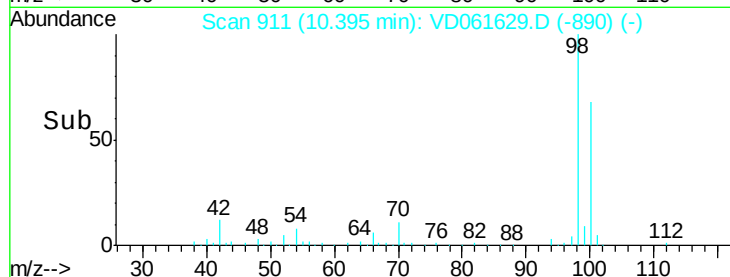
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 1.401 ug/l

RT: 10.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: VD061629.D

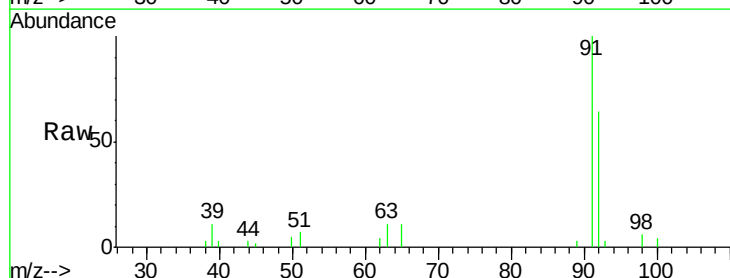
Acq: 5 Apr 2019 19:02

Tgt Ion: 92 Resp: 16708

Ion Ratio Lower Upper

92 100

91 157.2 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VD061351.D (-913) (-)

Ion 91.00 (90.70 to 91.70): VD061351.D (-913) (-)

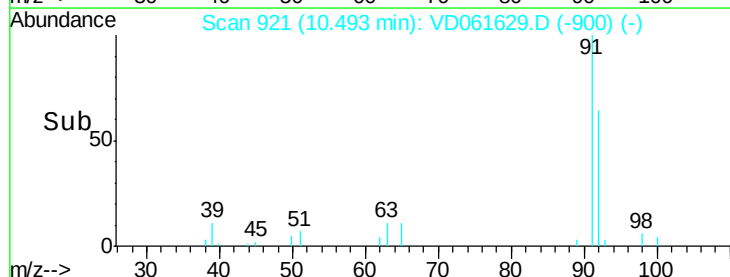
15000

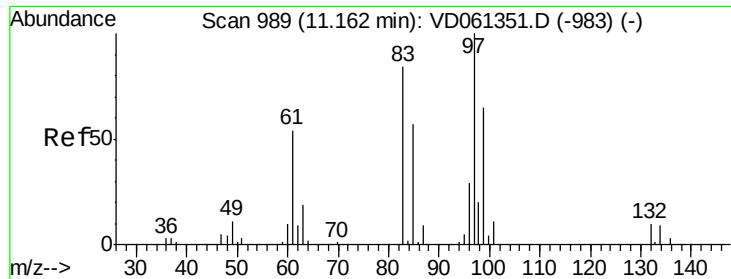
10000

5000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 3.209 ug/l

RT: 11.08 min Scan# 981

Delta R.T. -0.08 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 13384

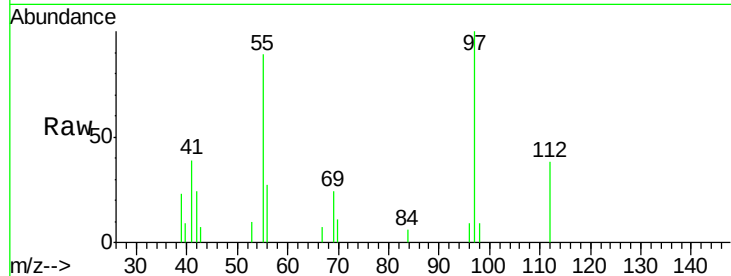
Ion Ratio Lower Upper

97 100

83 0.0 67.0 100.6#

85 0.0 45.4 68.2#

99 0.0 51.9 77.9#

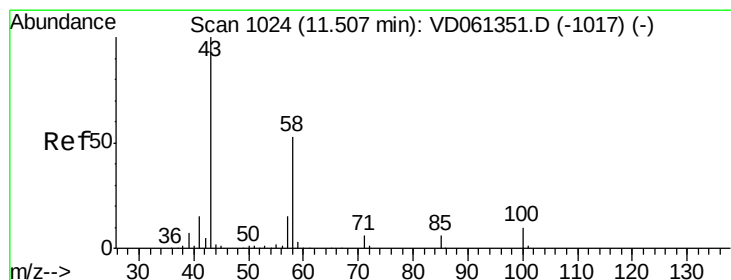
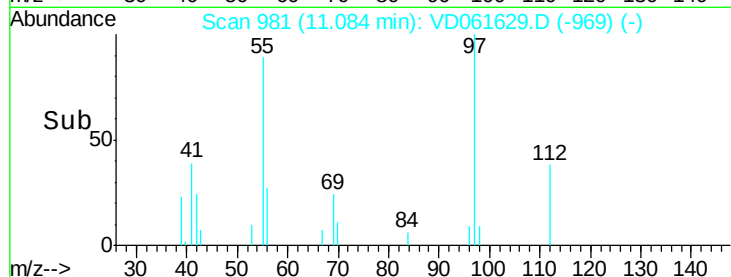
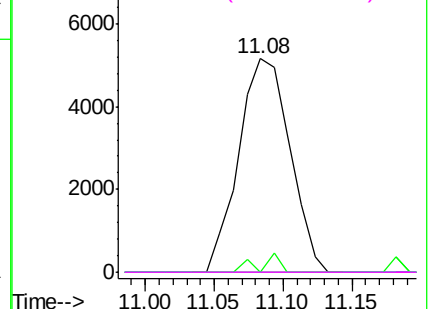


Abundance Ion 96.85 (96.55 to 97.55): VDC

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



#59

2-Hexanone

Concen: 7.214 ug/l

RT: 11.48 min Scan# 1021

Delta R.T. -0.03 min

Lab File: VD061629.D

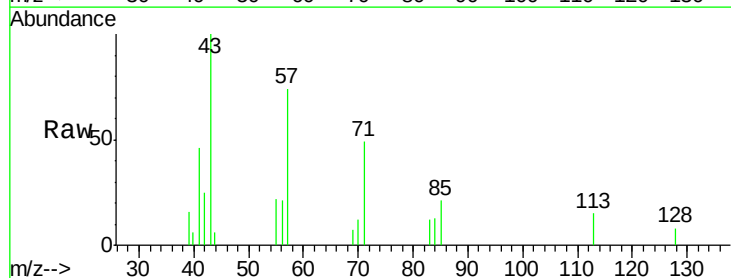
Acq: 5 Apr 2019 19:02

Tgt Ion: 43 Resp: 15413

Ion Ratio Lower Upper

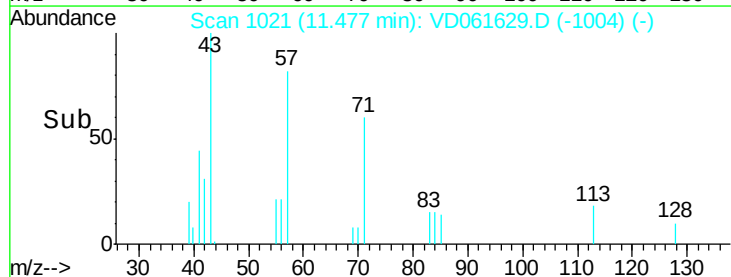
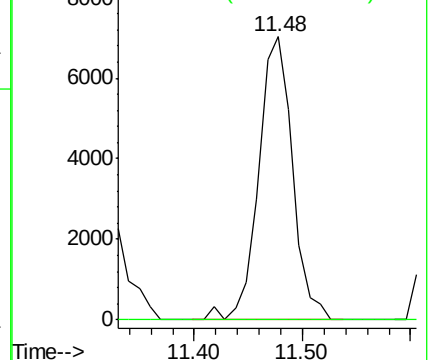
43 100

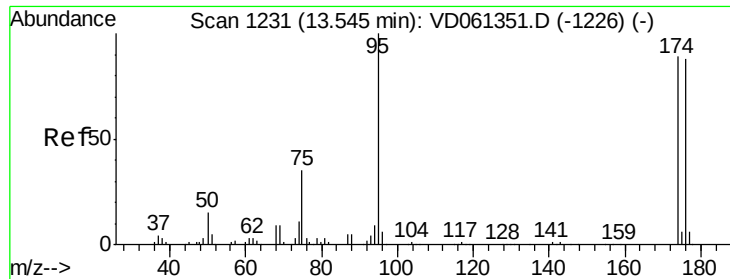
58 0.0 26.3 78.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

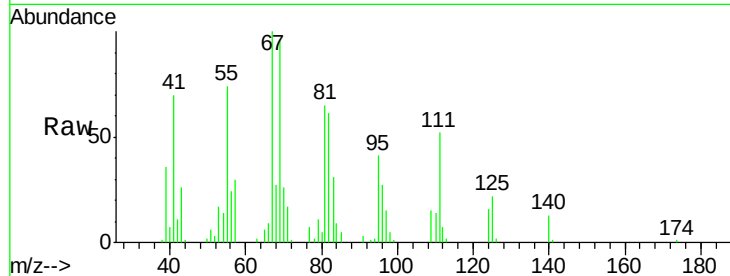




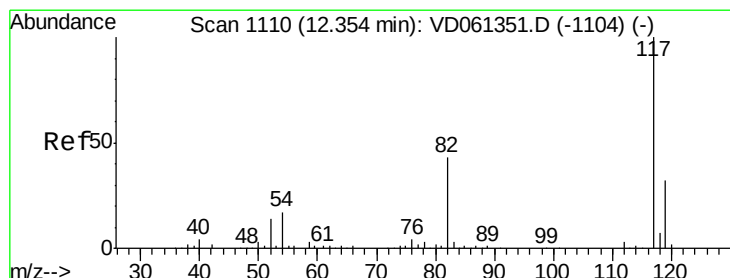
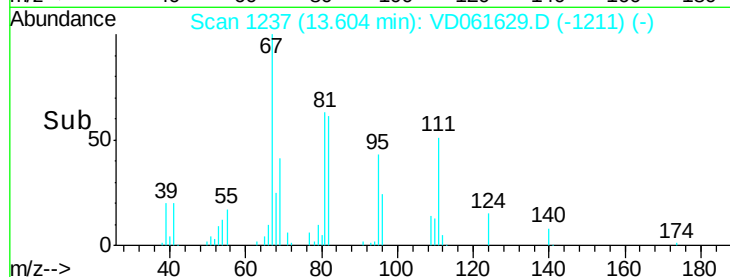
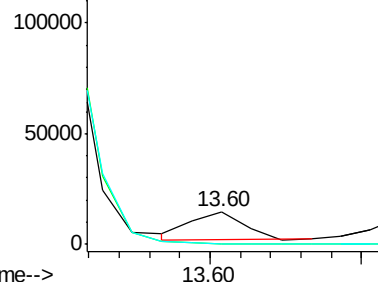
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.60 min Scan# 1237
Delta R.T. 0.06 min
Lab File: VD061629.D
Acq: 5 Apr 2019 19:02

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 15337
Ion Ratio Lower Upper
95 100
174 2.4 0.0 178.0
176 0.0 0.0 175.0

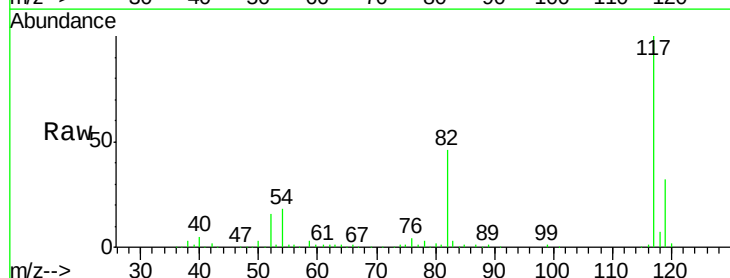


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

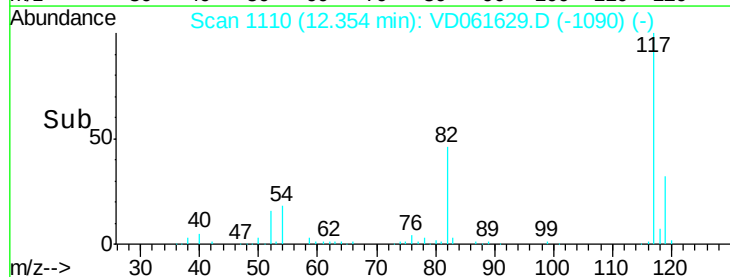
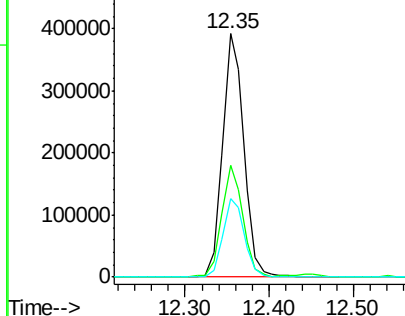


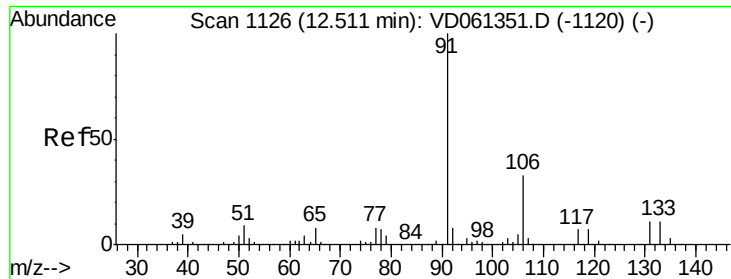
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061629.D
Acq: 5 Apr 2019 19:02

Tgt Ion: 117 Resp: 682975
Ion Ratio Lower Upper
117 100
82 45.8 34.4 51.6
119 32.0 25.8 38.6



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: 1.124 ug/l

RT: 12.51 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

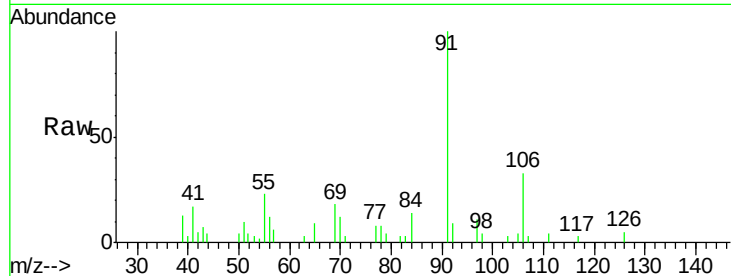
ClientSampleId :

Tot Ion: 91 Resp: 23940

Ion Ratio Lower Upper

91 100

106 32.9 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VD061351.D (-1120) (-)

Ion 106.05 (105.75 to 106.75): VD061351.D (-1120) (-)

12.51

15000

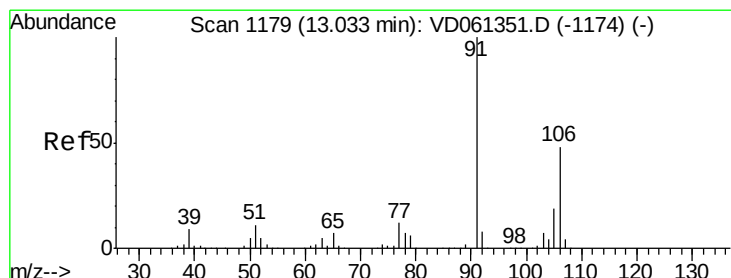
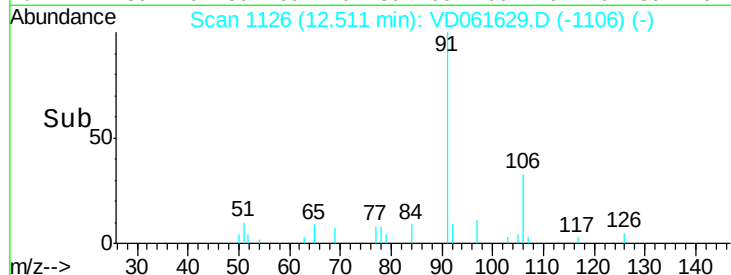
10000

5000

0

12.45 12.50 12.55 12.60

Time-->



#69

o-Xylene

Concen: 50.880 ug/l

RT: 13.04 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VD061629.D

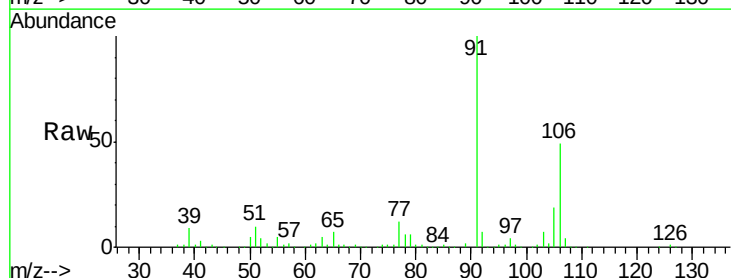
Acq: 5 Apr 2019 19:02

Tgt Ion: 106 Resp: 398473

Ion Ratio Lower Upper

106 100

91 205.8 103.8 311.3



Abundance Ion 106.05 (105.75 to 106.75): VD061351.D (-1174) (-)

Ion 91.00 (90.70 to 91.70): VD061351.D (-1174) (-)

13.04

600000

500000

400000

300000

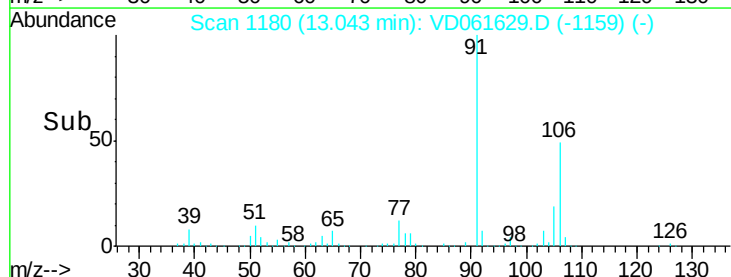
200000

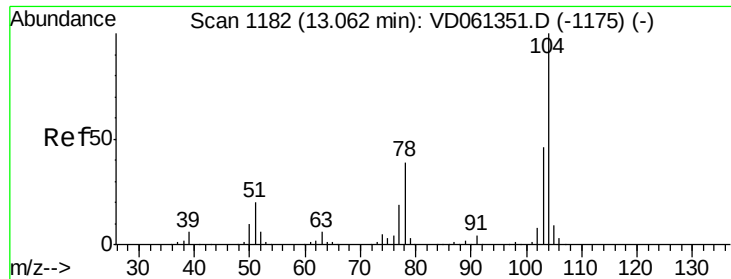
100000

0

12.95 13.00 13.05 13.10

Time-->

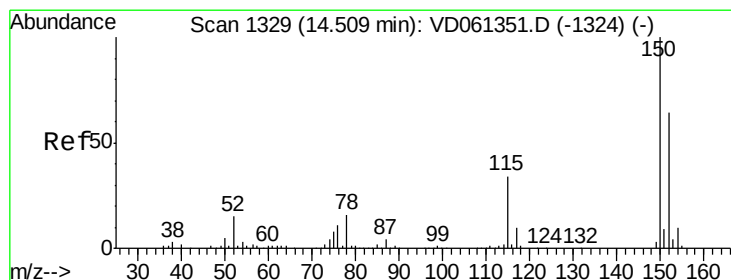
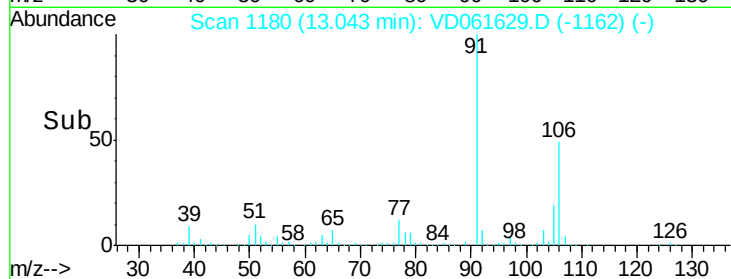
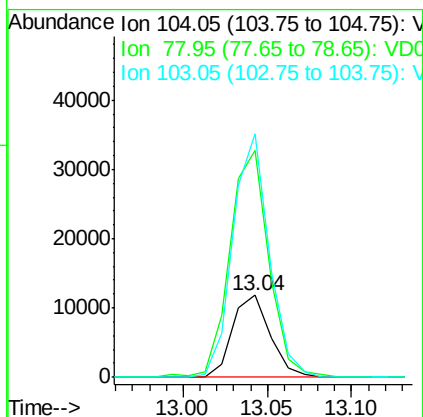
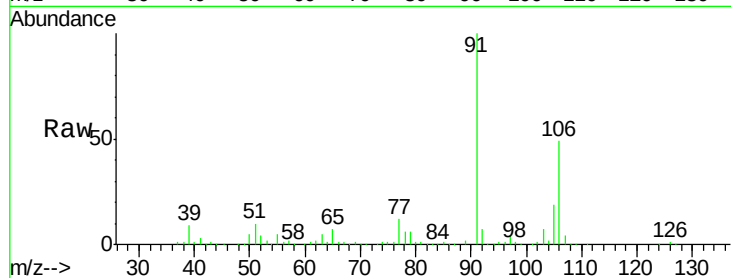




#70
Stvrene
Concen: 1.351 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD061629.D
Acq: 5 Apr 2019 19:02

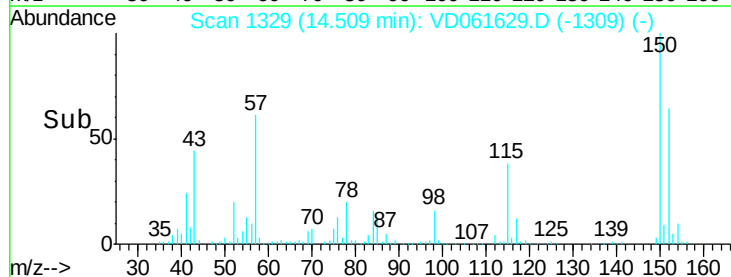
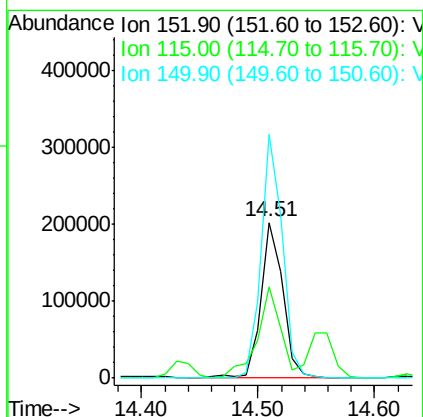
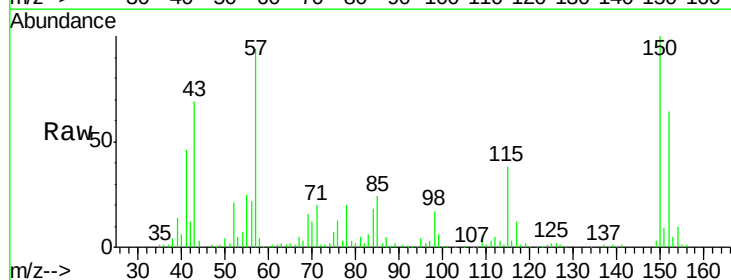
Instrument :
MSVOA_D
ClientSampleId :

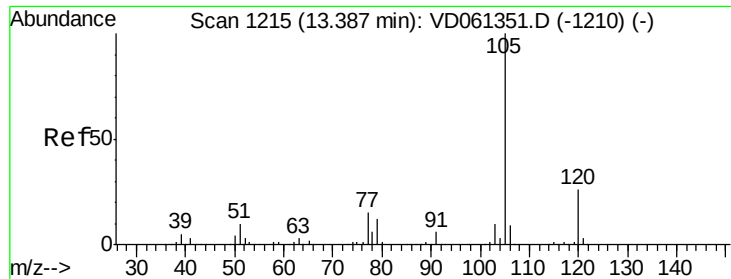
Tot Ion:104 Resp: 18449
Ion Ratio Lower Upper
104 100
78 275.8 31.0 46.6#
103 296.6 37.0 55.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061629.D
Acq: 5 Apr 2019 19:02

Tgt Ion:152 Resp: 265125
Ion Ratio Lower Upper
152 100
115 59.0 26.9 80.6
150 156.5 0.0 318.0





#73

Isopropylbenzene

Concen: 3.290 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

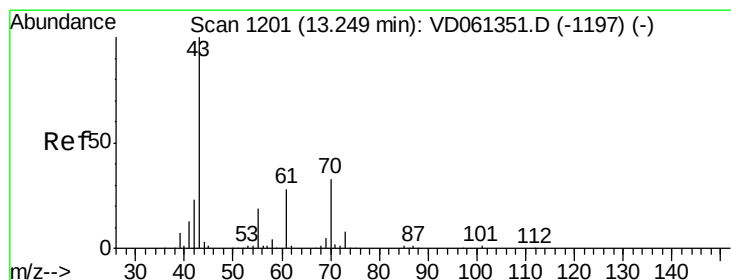
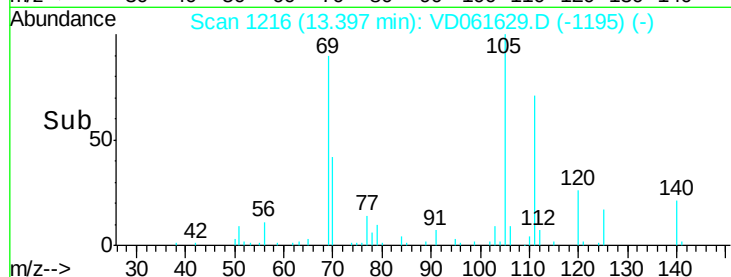
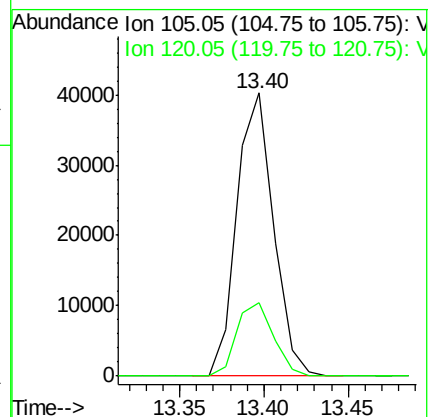
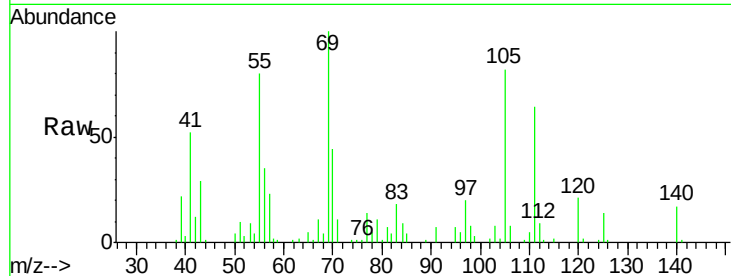
ClientSampleId :

Tot Ion: 105 Resp: 60716

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 22.190 ug/l

RT: 13.21 min Scan# 1197

Delta R.T. -0.04 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Tgt Ion: 43 Resp: 114065

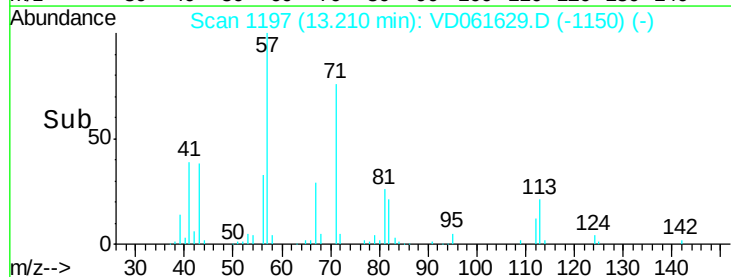
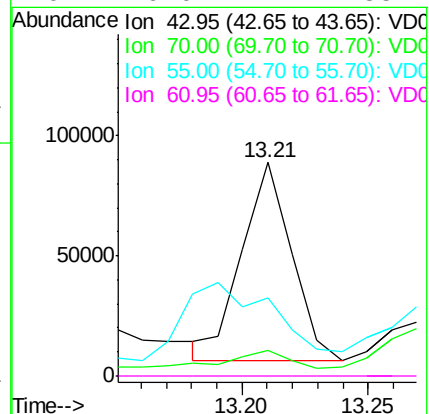
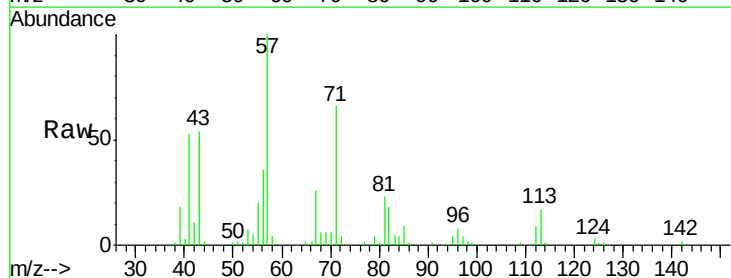
Ion Ratio Lower Upper

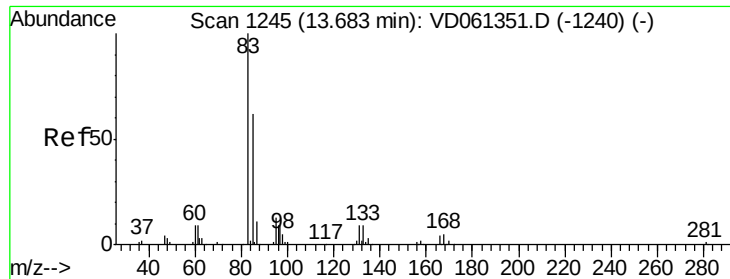
43 100

70 12.0 26.6 40.0#

55 36.8 15.4 23.2#

61 0.0 22.2 33.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.522 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.02 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

ClientSampled :

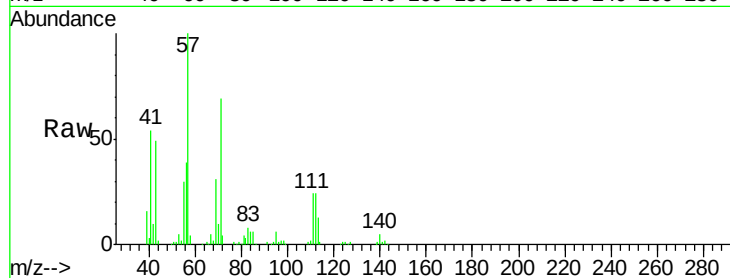
Tot Ion: 83 Resp: 21493

Ion Ratio Lower Upper

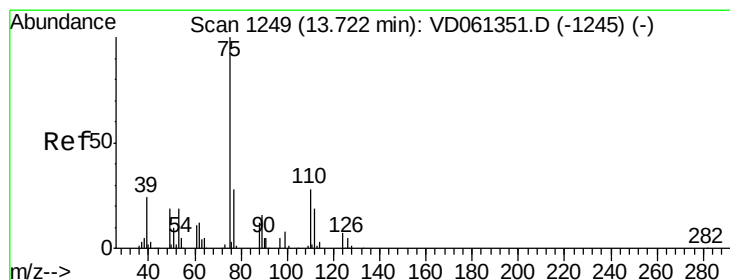
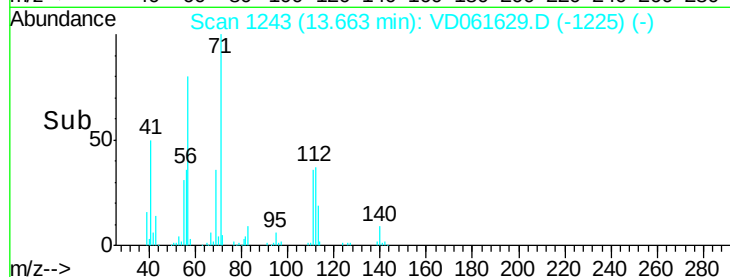
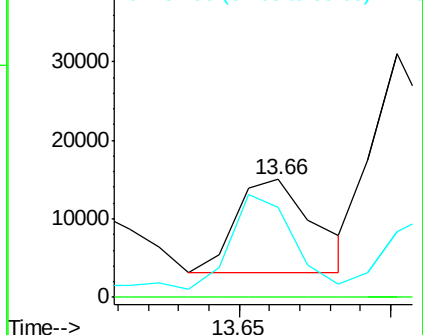
83 100

131 0.0 4.3 13.1#

85 76.1 31.2 93.6



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 1.294 ug/l

RT: 13.87 min Scan# 1264

Delta R.T. 0.15 min

Lab File: VD061629.D

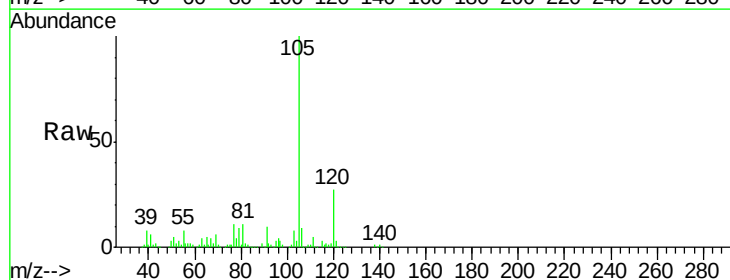
Acq: 5 Apr 2019 19:02

Tgt Ion: 75 Resp: 4954

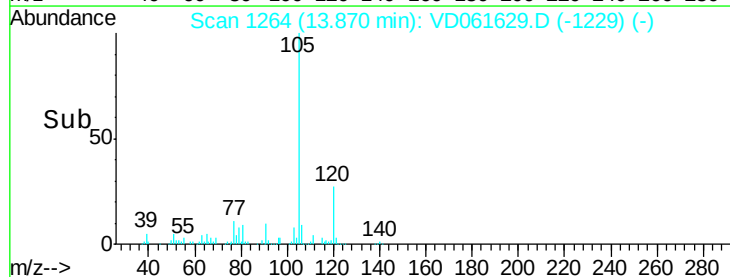
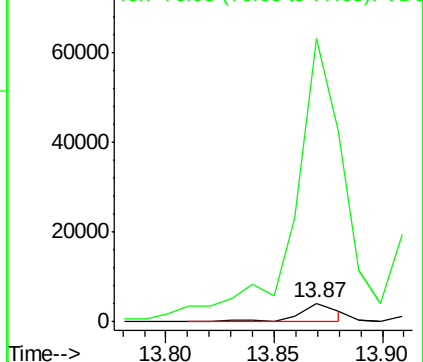
Ion Ratio Lower Upper

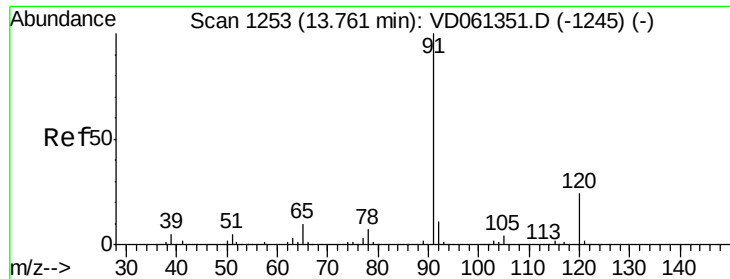
75 100

77 1504.5 16.2 48.5#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#78

n-propylbenzene

Concen: 3.691 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

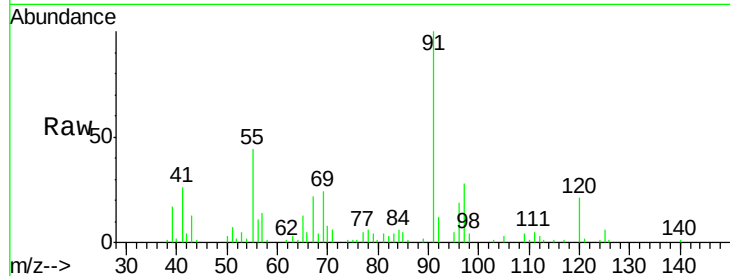
ClientSampleId :

Tot Ion: 91 Resp: 83345

Ion Ratio Lower Upper

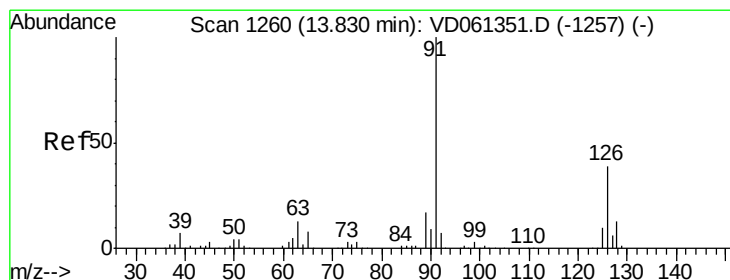
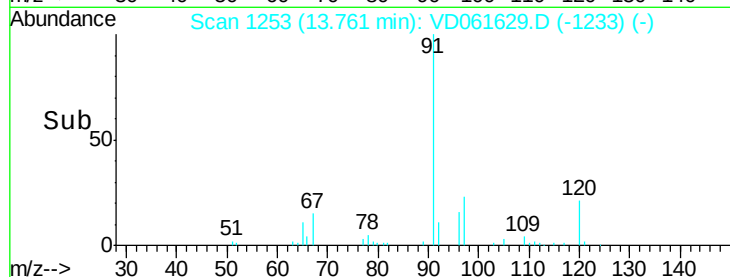
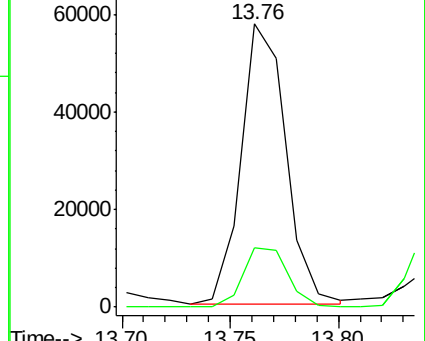
91 100

120 20.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC



#79

2-Chlorotoluene

Concen: 6.861 ug/l

RT: 13.87 min Scan# 1264

Delta R.T. 0.04 min

Lab File: VD061629.D

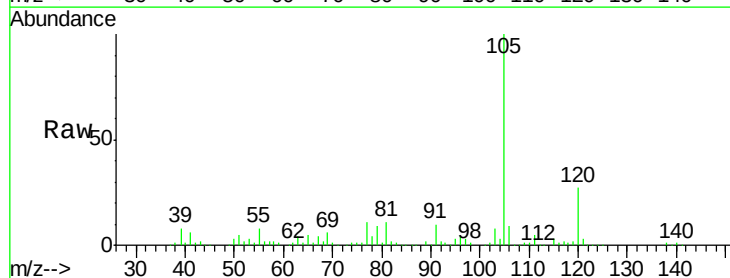
Acq: 5 Apr 2019 19:02

Tgt Ion: 91 Resp: 84130

Ion Ratio Lower Upper

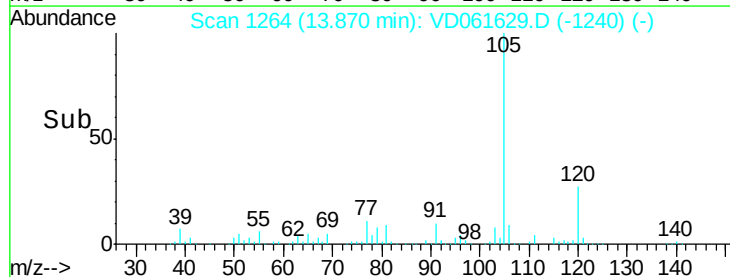
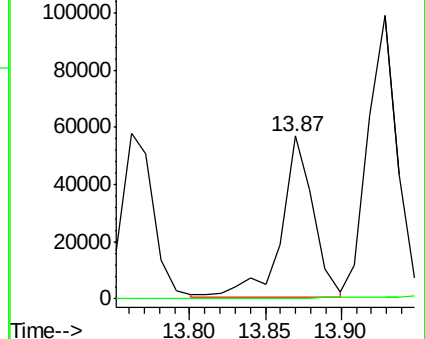
91 100

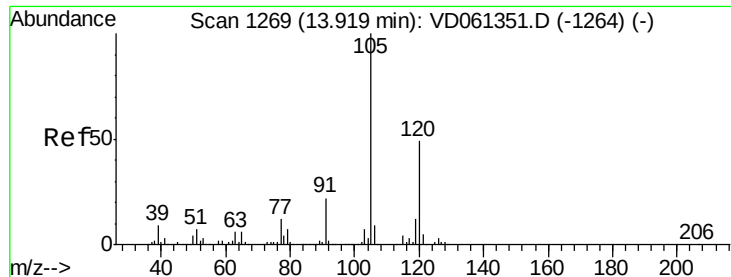
126 0.0 19.4 58.2#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC

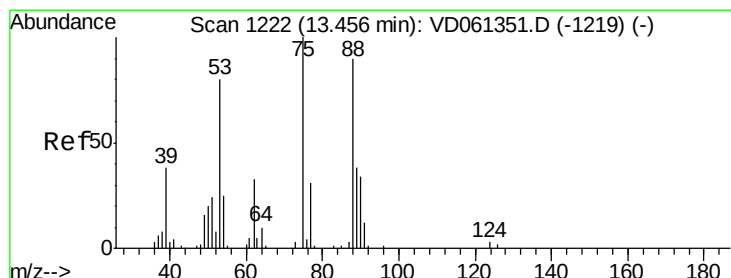
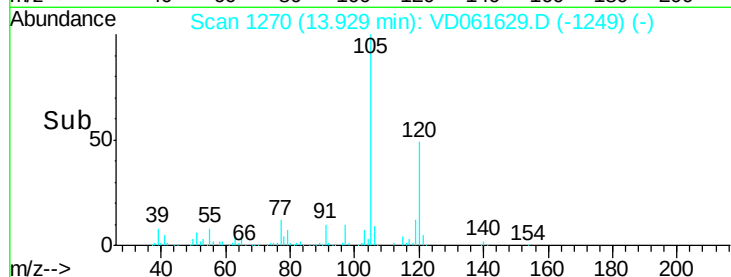
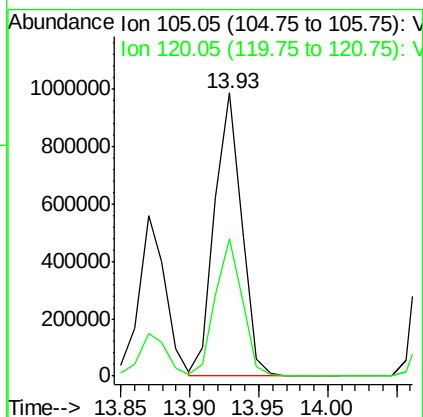
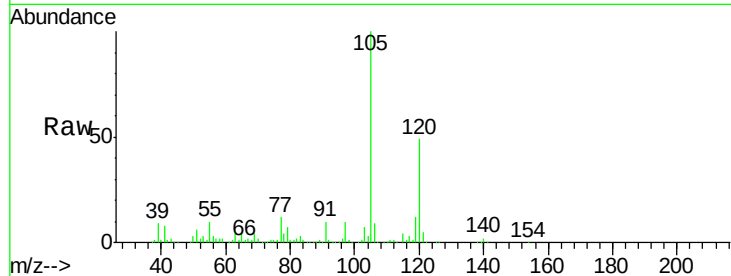




#80
 1,3,5-Trimethylbenzene
 Concen: 93.245 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VD061629.D
 Acq: 5 Apr 2019 19:02

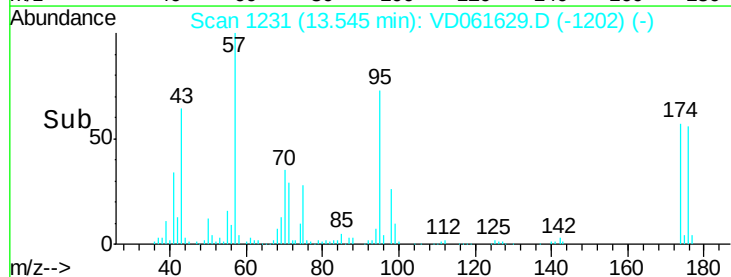
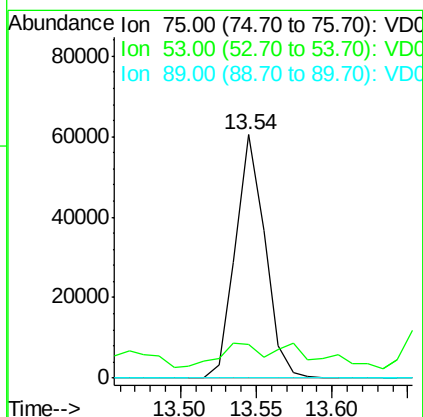
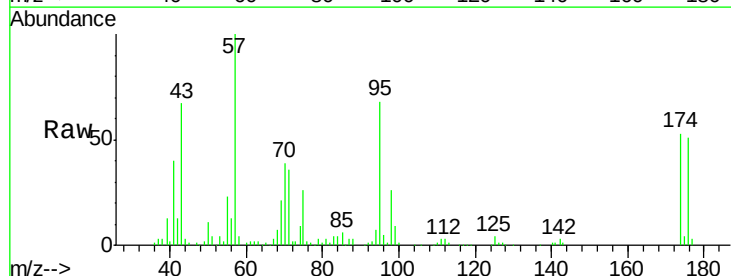
Instrument :
 MSVOA_D
 ClientSampled :

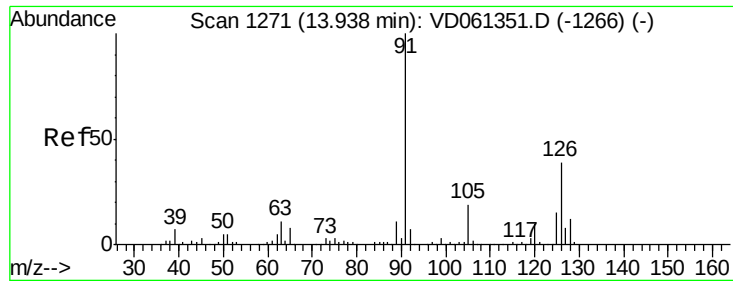
Tot Ion:105 Resp: 1334986
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.221 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. 0.09 min
 Lab File: VD061629.D
 Acq: 5 Apr 2019 19:02

Tgt Ion: 75 Resp: 81998
 Ion Ratio Lower Upper
 75 100
 53 13.7 63.8 95.8#
 89 0.0 30.5 45.7#

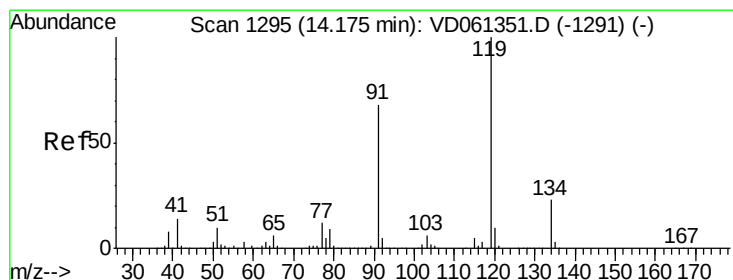
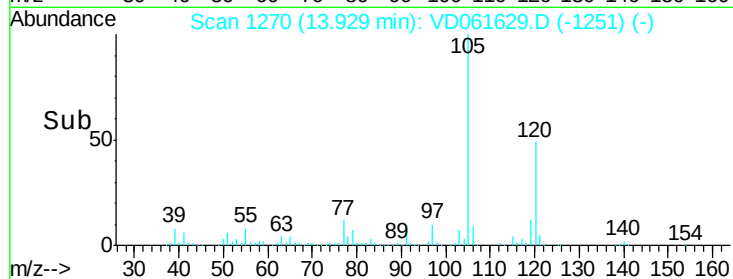
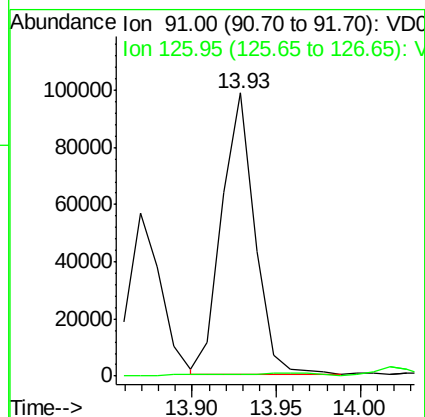
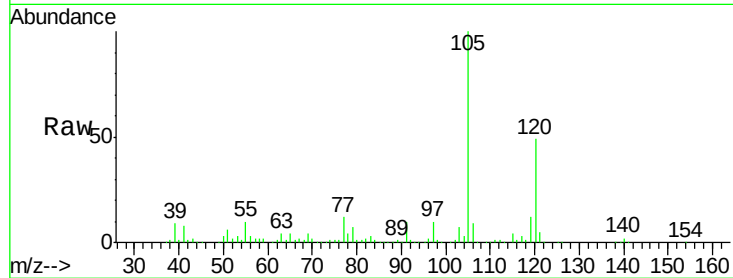




#82
4-Chlorotoluene
Concen: 10.075 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VD061629.D
Acq: 5 Apr 2019 19:02

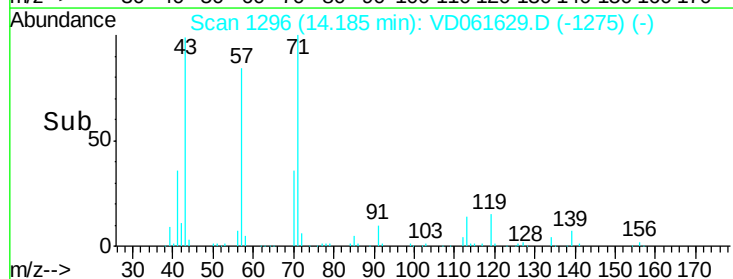
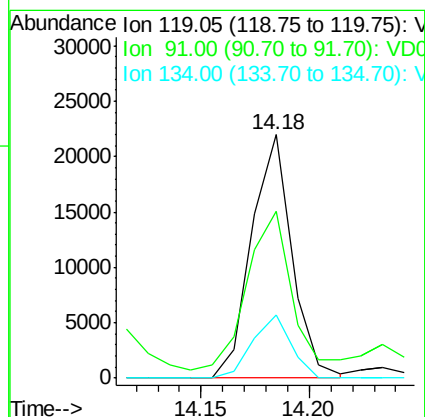
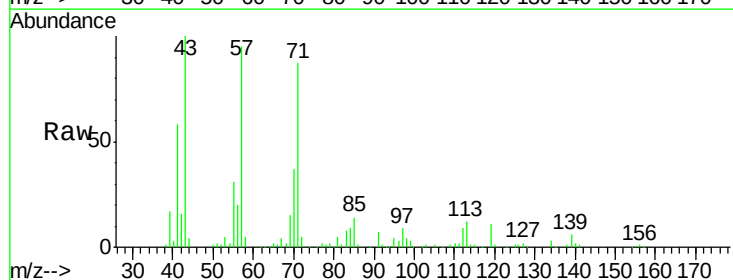
Instrument :
MSVOA_D
ClientSampled :

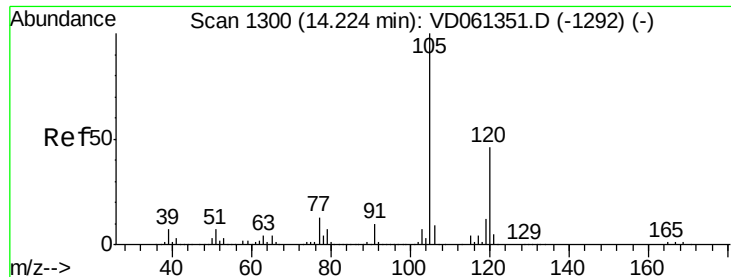
Tot Ion: 91 Resp: 134325
Ion Ratio Lower Upper
91 100
126 0.5 19.6 58.8#



#83
tert-Butylbenzene
Concen: 1.594 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VD061629.D
Acq: 5 Apr 2019 19:02

Tgt Ion: 119 Resp: 28526
Ion Ratio Lower Upper
119 100
91 68.3 34.1 102.3
134 25.7 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 85.767 ug/l

RT: 14.08 min Scan# 1285

Delta R.T. -0.15 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

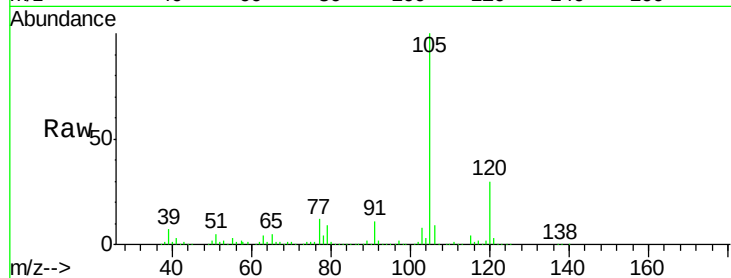
ClientSampled :

Tot Ion:105 Resp: 1329378

Ion Ratio Lower Upper

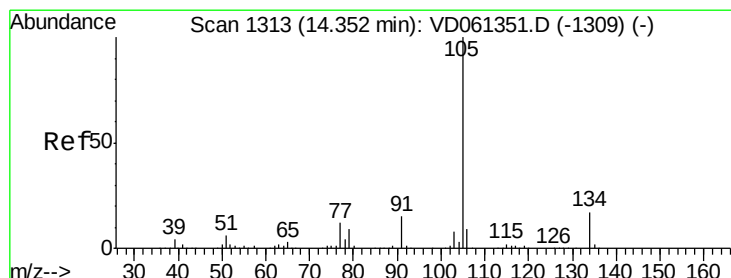
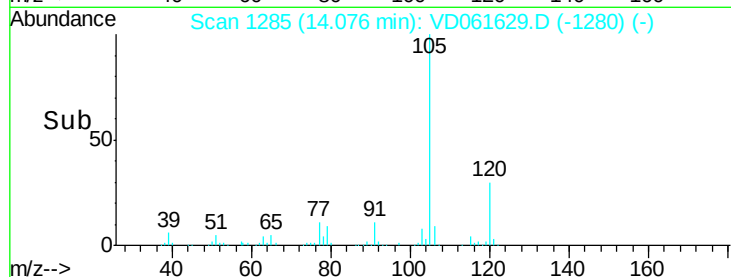
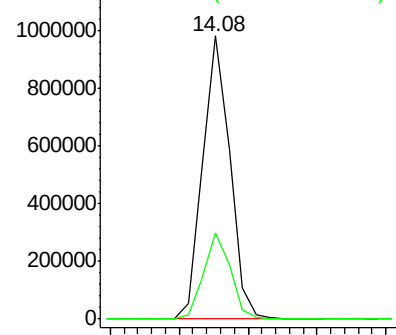
105 100

120 30.4 22.8 68.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#85

sec-Butylbenzene

Concen: 9.831 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. 0.01 min

Lab File: VD061629.D

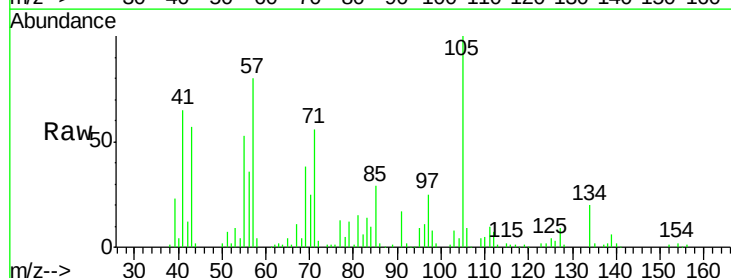
Acq: 5 Apr 2019 19:02

Tgt Ion:105 Resp: 186866

Ion Ratio Lower Upper

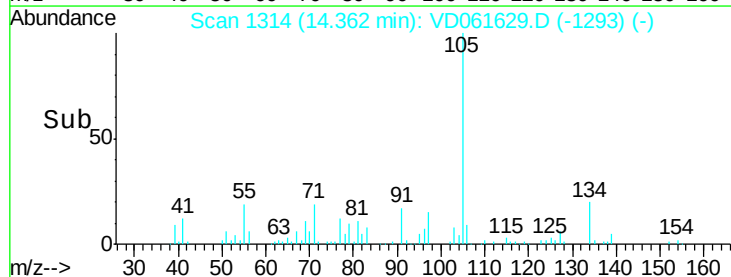
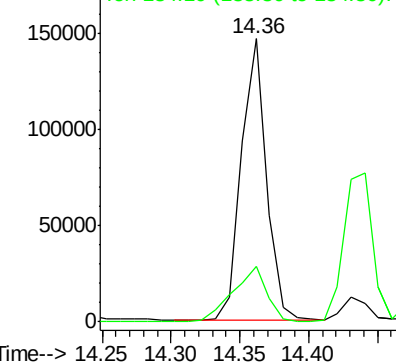
105 100

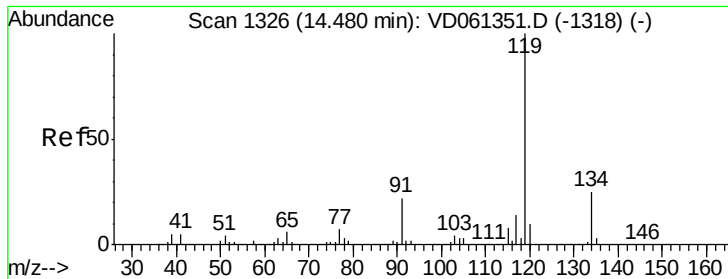
134 19.6 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V





#86

p-Isopropyltoluene

Concen: 17.953 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.01 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

ClientSampleId :

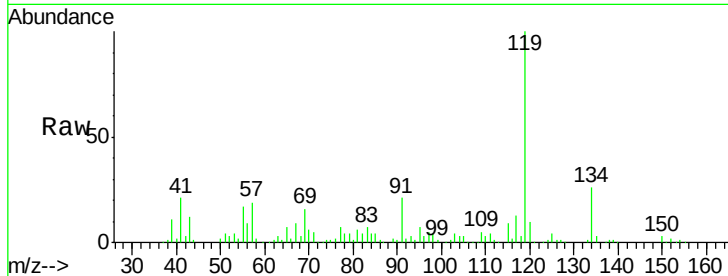
Tot Ion:119 Resp: 288563

Ion Ratio Lower Upper

119 100

134 25.6 12.3 36.8

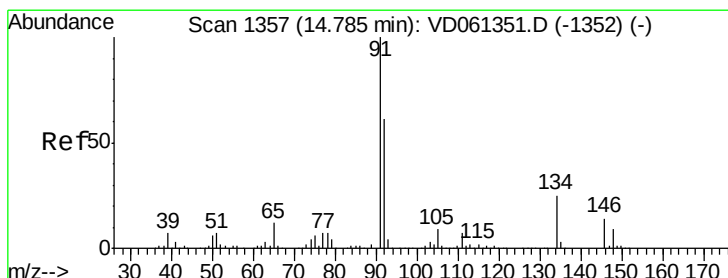
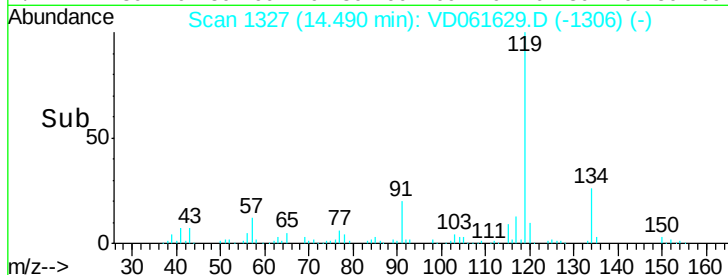
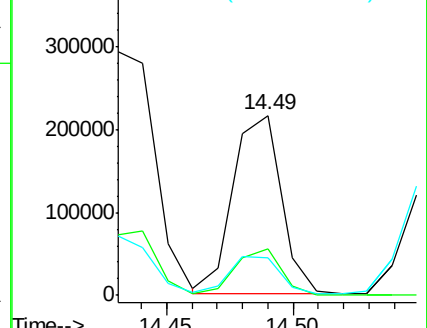
91 21.0 11.1 33.1



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



#89

n-Butylbenzene

Concen: 22.878 ug/l

RT: 14.78 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

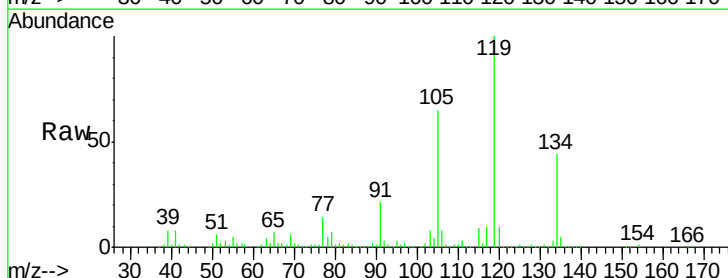
Tgt Ion: 91 Resp: 337506

Ion Ratio Lower Upper

91 100

92 12.8 30.3 91.0#

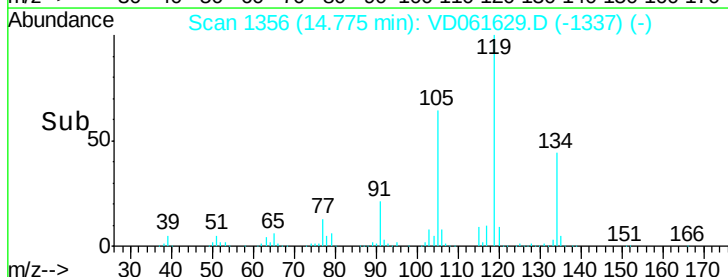
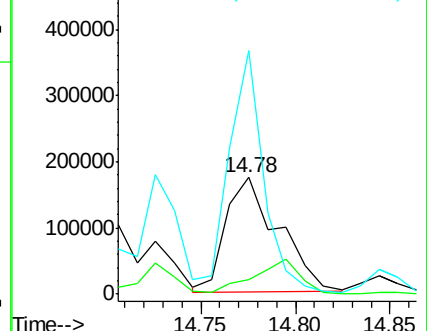
134 209.2 12.4 37.0#

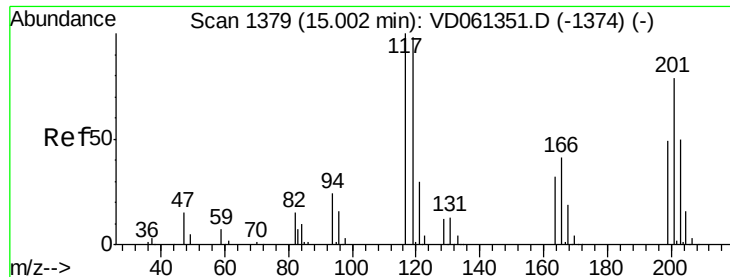


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V





#90

Hexachloroethane

Concen: 78.903 ug/l

RT: 15.09 min Scan# 1388

Delta R.T. 0.09 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_D

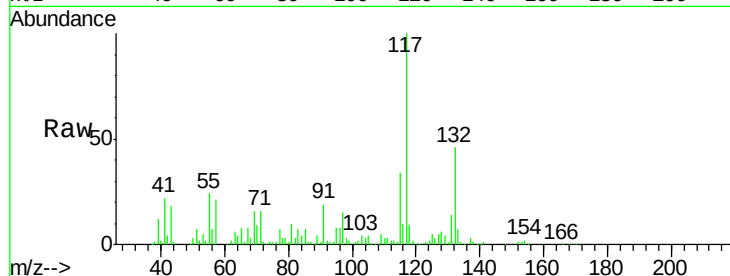
ClientSampled :

Tot Ion:117 Resp: 358281

Ion Ratio Lower Upper

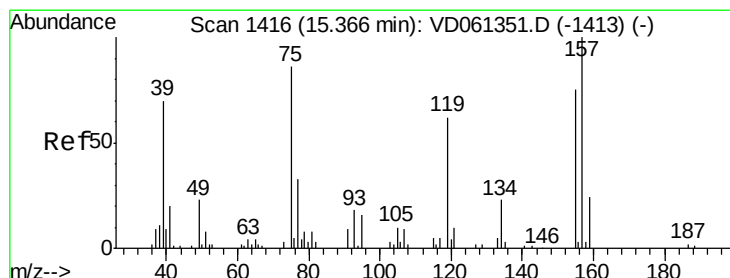
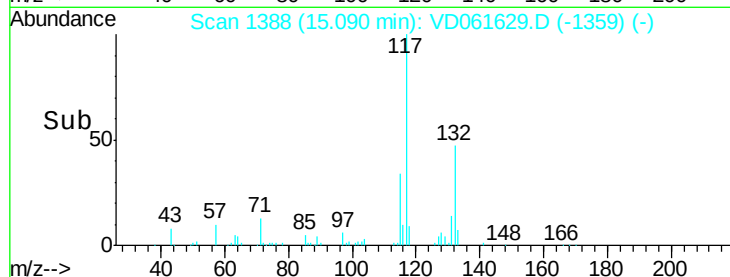
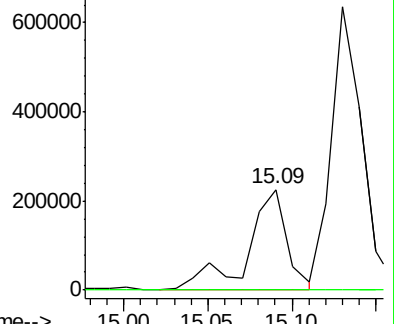
117 100

201 0.0 39.6 119.0#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.906 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VD061629.D

Acq: 5 Apr 2019 19:02

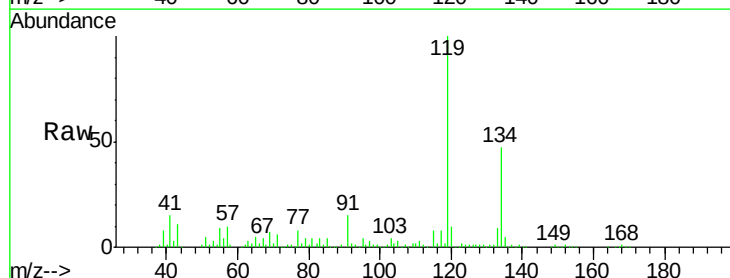
Tgt Ion: 75 Resp: 5892

Ion Ratio Lower Upper

75 100

155 17.6 43.6 130.9#

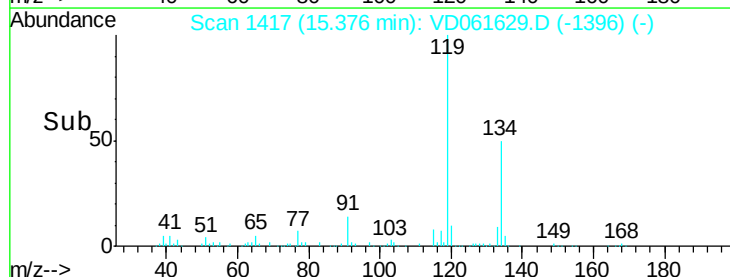
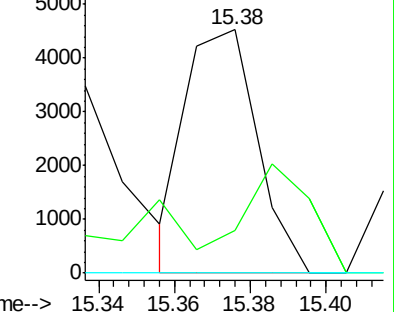
157 0.0 58.5 175.3#

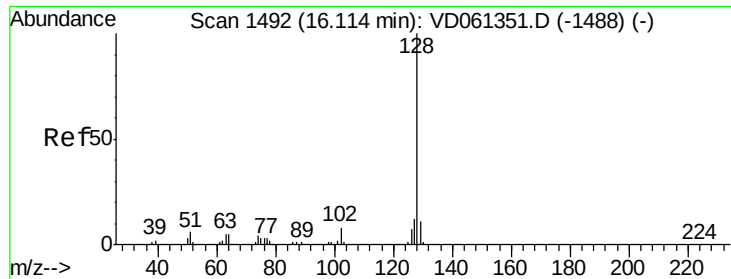


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#95
 Naphthalene
 Concen: 1.386 ug/l
 RT: 16.11 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VD061629.D
 Acq: 5 Apr 2019 19:02

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.9	9.9	14.9#
129	23.2	8.9	13.3#

