

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061693.D
 Acq On : 9 Apr 2019 23:44
 Operator : VA/AP
 Sample : K2316-10
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

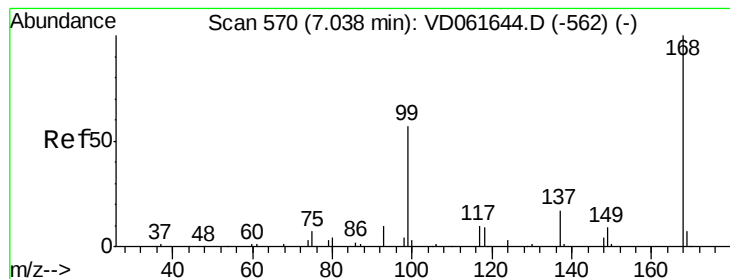
Quant Time: Apr 10 00:59:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	374780	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	642661	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	399874	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	116025	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	188112	66.22	ug/l	0.03
Spiked Amount			Recovery	=	132.44%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	10.43	98	602622	53.87	ug/l	0.03
Spiked Amount			Recovery	=	107.74%	
62) 4-Bromofluorobenzene	13.66	95	22068	3.93	ug/l	0.11
Spiked Amount			Recovery	=	7.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.09	59	219	1.150	ug/l #	72
16) Acetone	3.24	43	70554	83.082	ug/l	100
17) Carbon Disulfide	3.42	76	173055	13.632	ug/l	98
20) Methylene Chloride	3.85	84	25792	5.352	ug/l	97
25) 2-Butanone	6.10	43	15474	15.806	ug/l	97
36) 1,1-Dichloropropene	7.08	75	26547	4.720	ug/l #	45
37) Ethyl Acetate	6.10	43	15474	6.755	ug/l #	68
38) Carbon Tetrachloride	7.08	117	36307	5.508	ug/l #	14
40) Benzene	7.49	78	51140	3.769	ug/l	97
51) 4-Methyl-2-Pentanone	10.38	43	20506	10.429	ug/l #	73
56) Ethyl methacrylate	11.22	69	3767	1.250	ug/l #	1
59) 2-Hexanone	11.65	43	3408	2.233	ug/l #	27
65) Chlorobenzene	12.41	112	27642	3.486	ug/l	94
67) Ethyl Benzene	12.54	91	26569	2.200	ug/l	96
68) m/p-Xylenes	12.68	106	15774	3.388	ug/l	100
69) o-Xylene	13.06	106	13151	2.926	ug/l	96
73) Isopropylbenzene	13.42	105	107332	13.884	ug/l	99
74) N-amyl acetate	13.23	43	17810	8.479	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	13.73	83	3372	2.109	ug/l #	74
76) 1,2,3-Trichloropropane	13.85	75	2117	1.341	ug/l #	64
78) n-propylbenzene	13.77	91	27111	2.932	ug/l #	59
79) 2-Chlorotoluene	13.85	91	92520	17.495	ug/l	89
80) 1,3,5-Trimethylbenzene	13.95	105	11464	1.868	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.56	75	66884	139.630	ug/l #	20
82) 4-Chlorotoluene	13.85	91	92520	15.966	ug/l	92
83) tert-Butylbenzene	14.20	119	32752	4.427	ug/l	93
84) 1,2,4-Trimethylbenzene	14.24	105	23242	3.753	ug/l	86
86) p-Isopropyltoluene	14.50	119	7186	1.036	ug/l #	62
92) 1,2-Dibromo-3-Chloropropan	15.35	75	1018	5.277	ug/l #	12
95) Naphthalene	16.13	128	18061	7.039	ug/l #	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

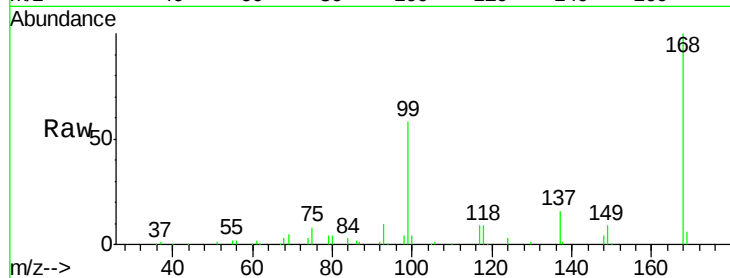
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 374780

Ion Ratio Lower Upper

168 100

99 57.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

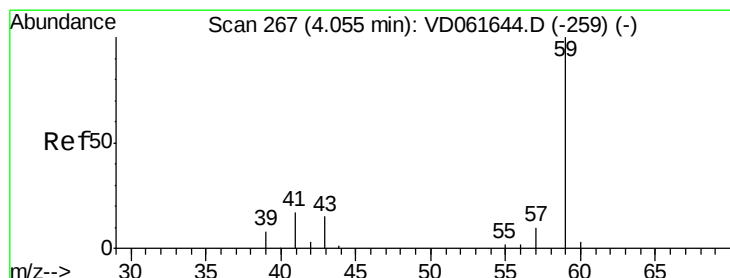
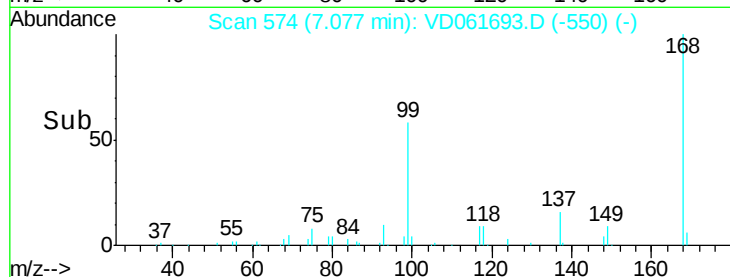
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.150 ug/l

RT: 4.09 min Scan# 271

Delta R.T. 0.04 min

Lab File: VD061693.D

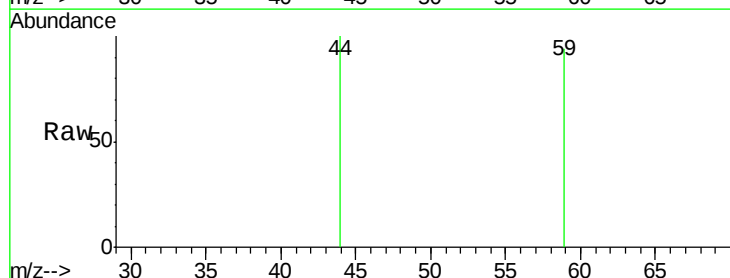
Acq: 9 Apr 2019 23:44

Tgt Ion: 59 Resp: 219

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.09

400

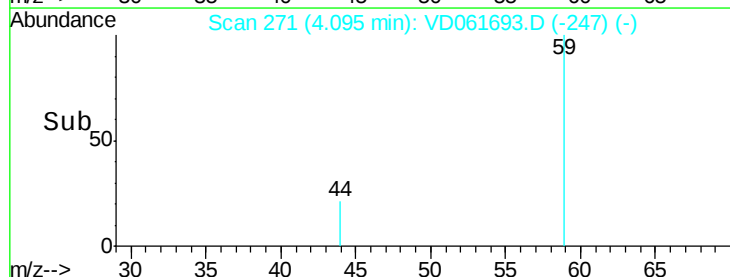
300

200

100

0

Time-->





#16

Acetone

Concen: 83.082 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

Instrument :

MSVOA_D

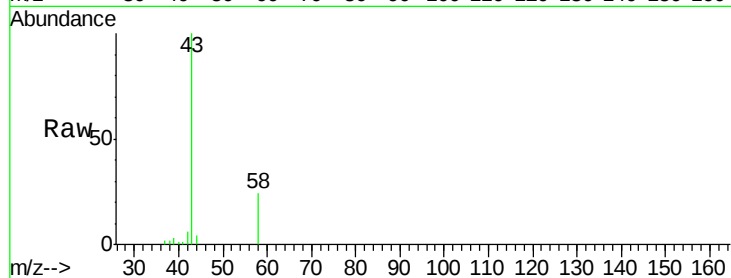
ClientSampleId :

Tot Ion: 43 Resp: 70554

Ion Ratio Lower Upper

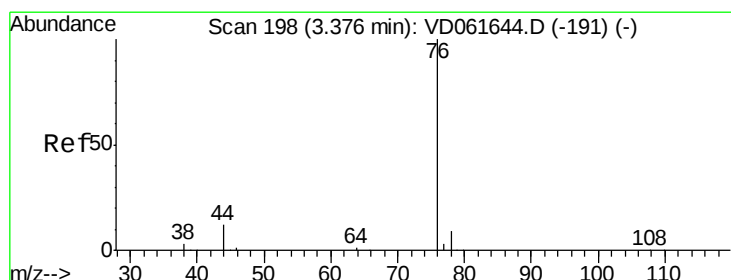
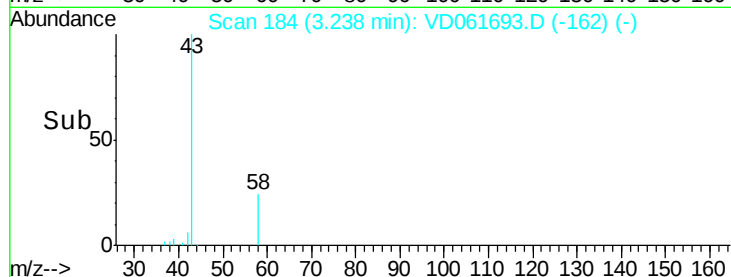
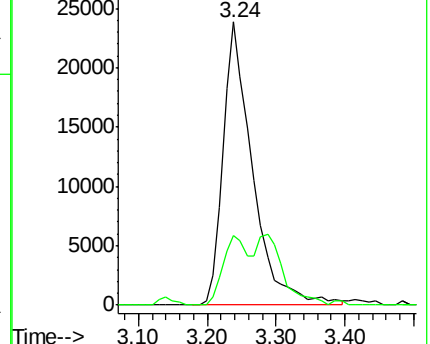
43 100

58 24.5 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 13.632 ug/l

RT: 3.42 min Scan# 202

Delta R.T. 0.04 min

Lab File: VD061693.D

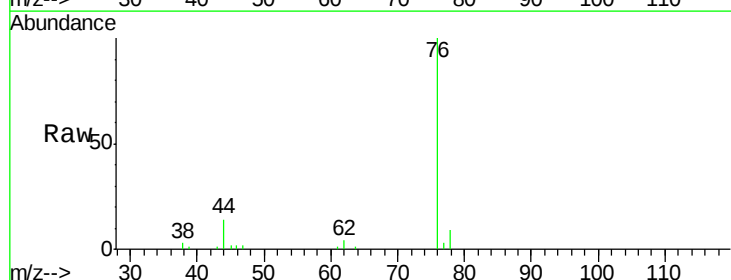
Acq: 9 Apr 2019 23:44

Tgt Ion: 76 Resp: 173055

Ion Ratio Lower Upper

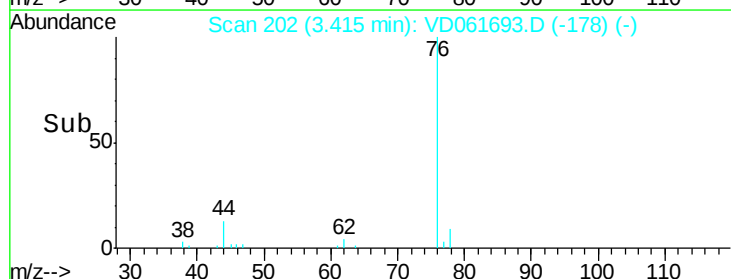
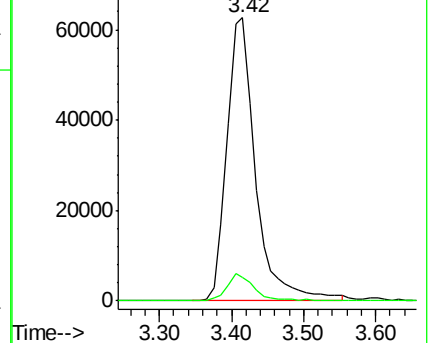
76 100

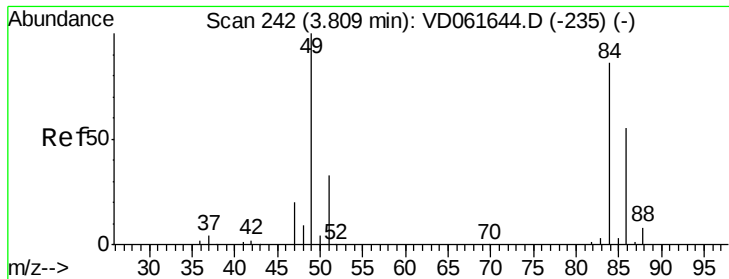
78 8.5 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

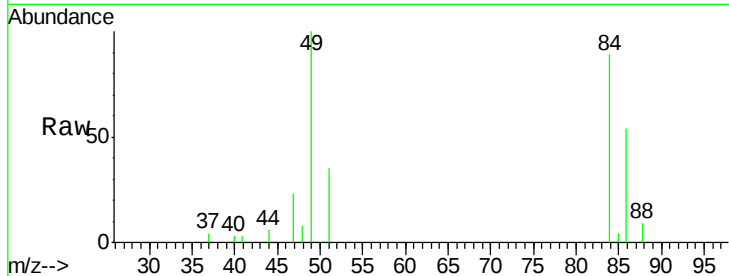




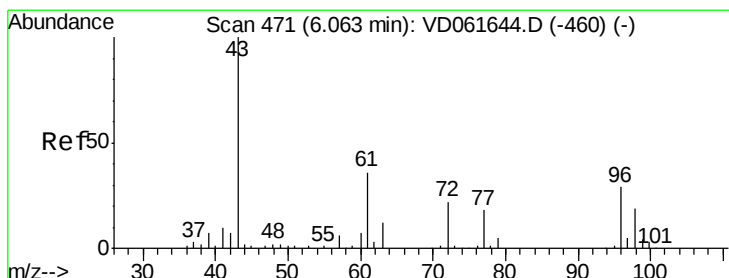
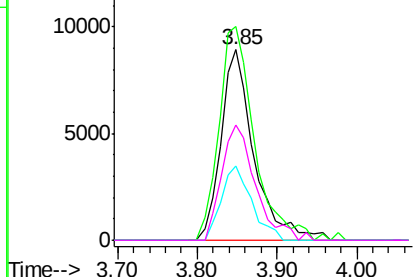
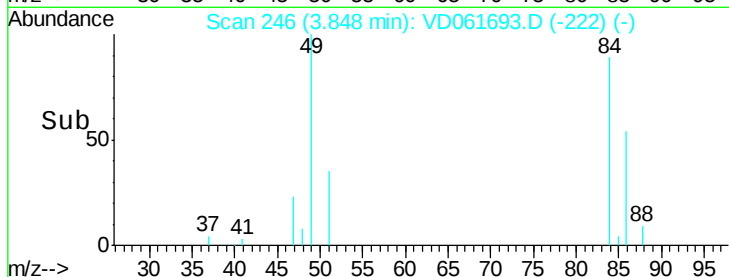
#20
Methvlene Chloride
Concen: 5.352 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 25792
Ion Ratio Lower Upper
84 100
49 112.3 93.0 139.4
51 38.8 30.4 45.6
86 60.8 51.0 76.4

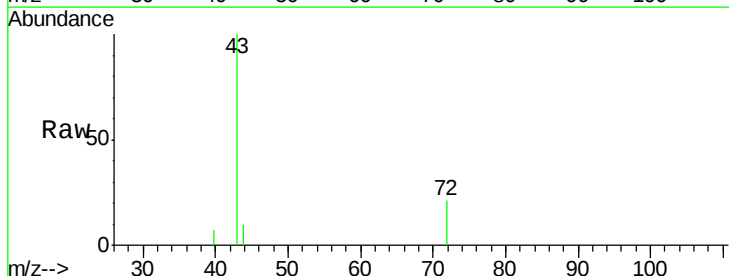


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

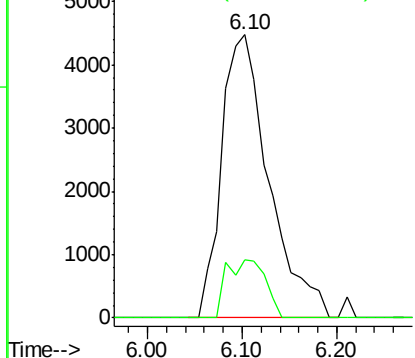
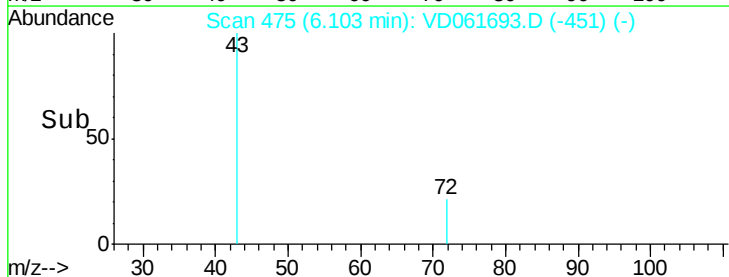


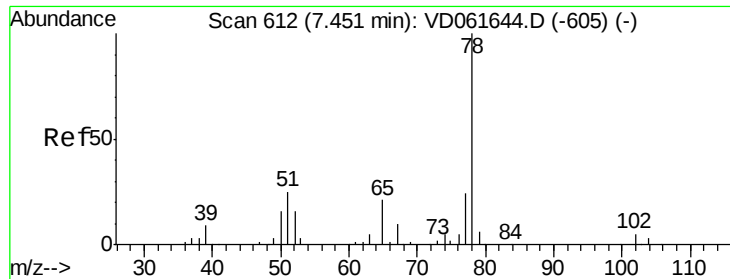
#25
2-Butanone
Concen: 15.806 ug/l
RT: 6.10 min Scan# 475
Delta R.T. 0.04 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Tgt Ion: 43 Resp: 15474
Ion Ratio Lower Upper
43 100
72 20.5 17.4 26.2



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

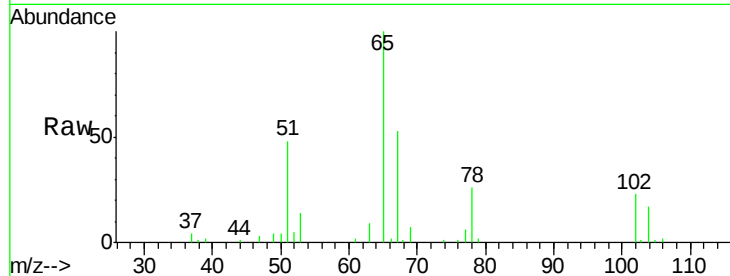
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 188112

Ion Ratio Lower Upper

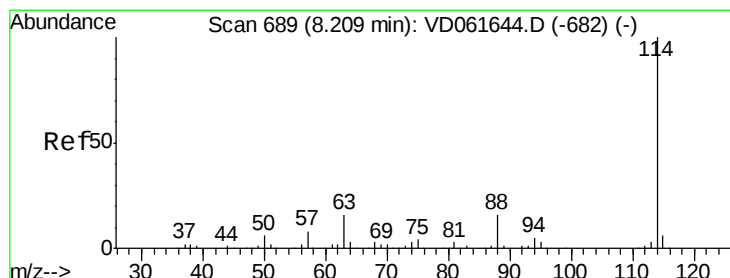
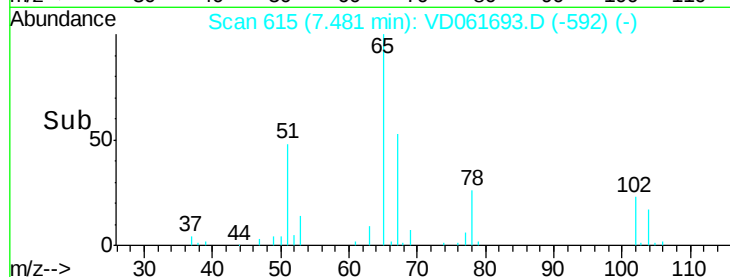
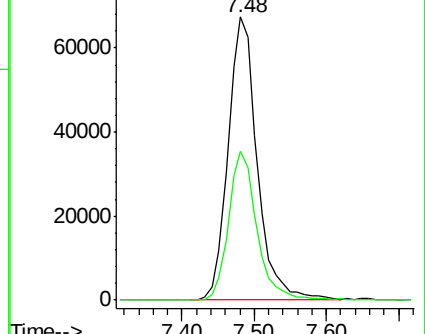
65 100

67 52.8 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: 8.25 min Scan# 693

Delta R.T. 0.04 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

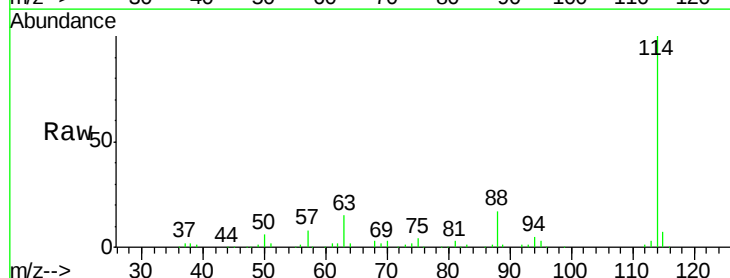
Tgt Ion: 114 Resp: 642661

Ion Ratio Lower Upper

114 100

63 15.4 0.0 31.2

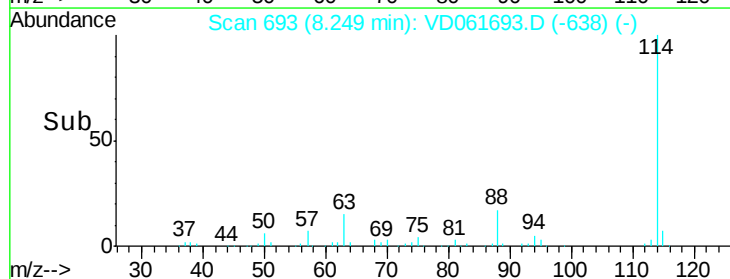
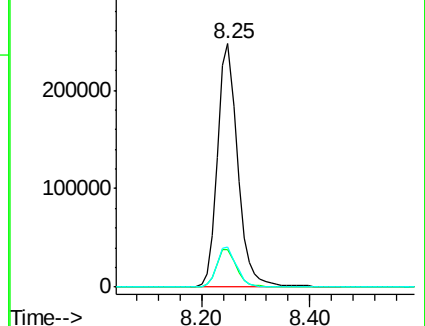
88 16.6 0.0 31.8

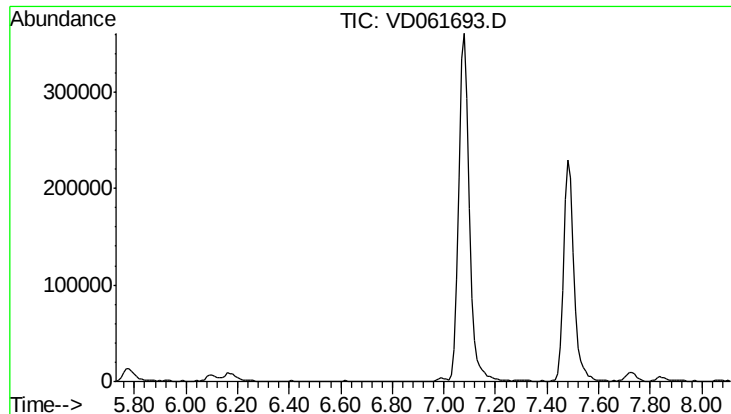


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



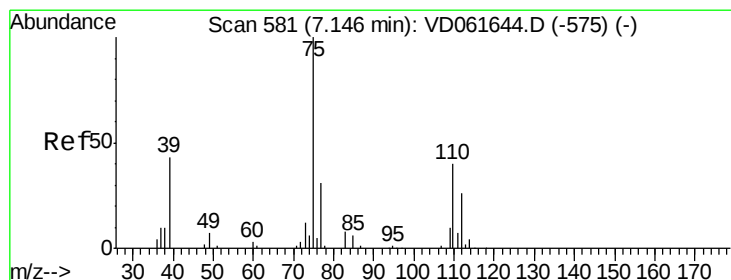
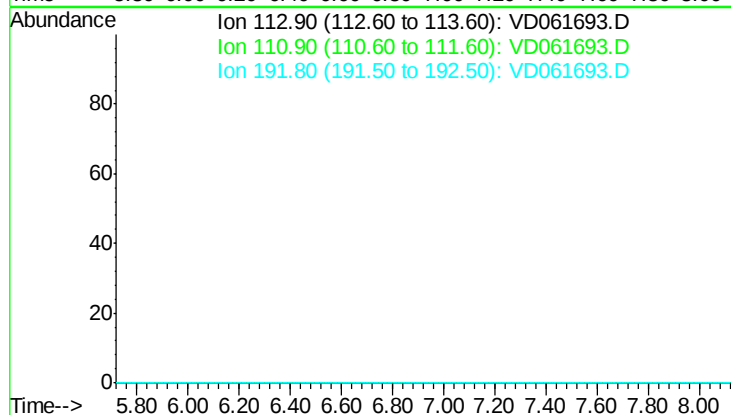


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 Expected RT: 6.92 min

Lab File: VD061693.D
 Acq: 9 Apr 2019 23:44

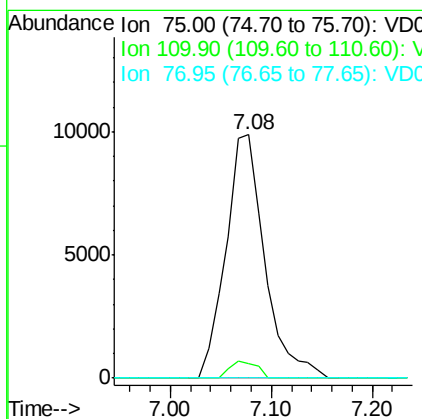
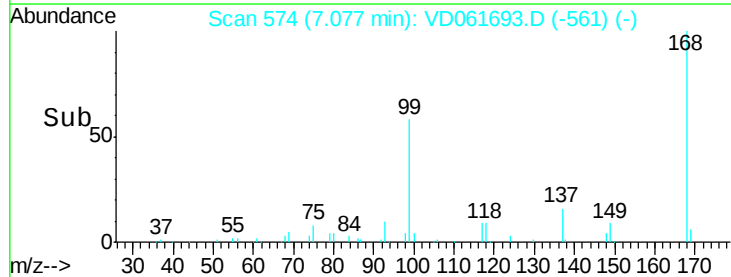
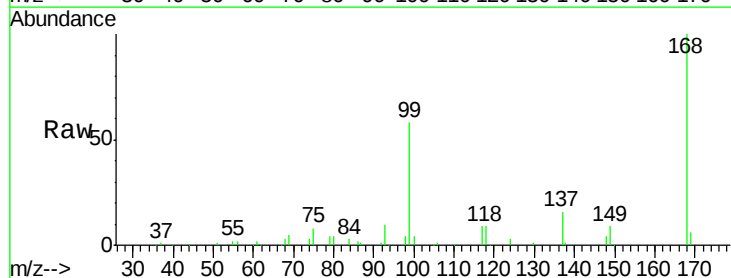
Instrument :
 MSVOA_D
 ClientSampleId :

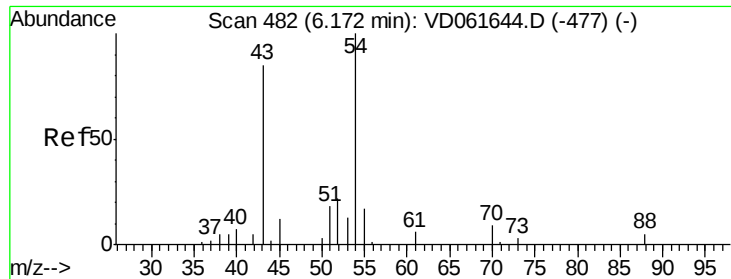
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 99.1
 192 15.4



#36
 1,1-Dichloropropene
 Concen: 4.720 ug/l
 RT: 7.08 min Scan# 574
 Delta R.T. -0.07 min
 Lab File: VD061693.D
 Acq: 9 Apr 2019 23:44

Tgt Ion: 75 Resp: 26547
 Ion Ratio Lower Upper
 75 100
 110 6.0 19.7 59.0#
 77 0.0 24.8 37.2#

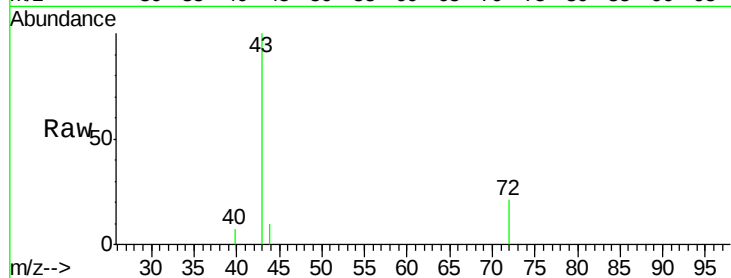




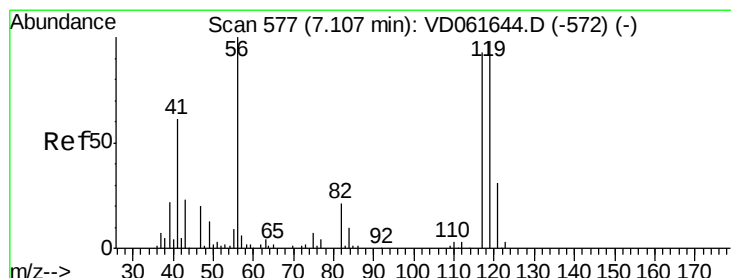
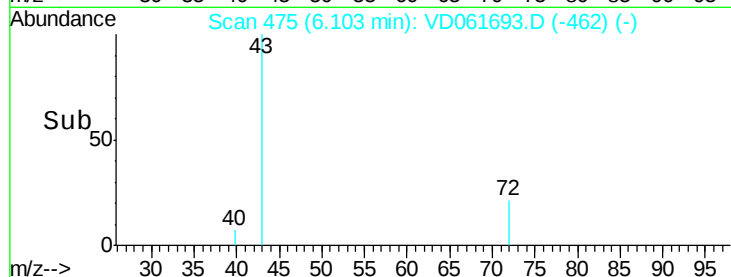
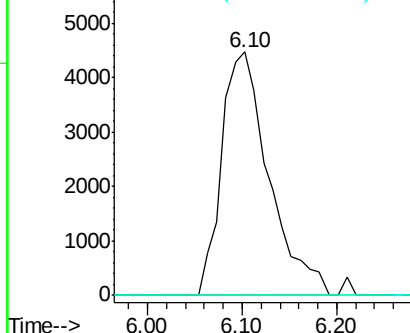
#37
Ethyl Acetate
Concen: 6.755 ug/l
RT: 6.10 min Scan# 475
Delta R.T. -0.07 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 15474
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 6.9 10.3#

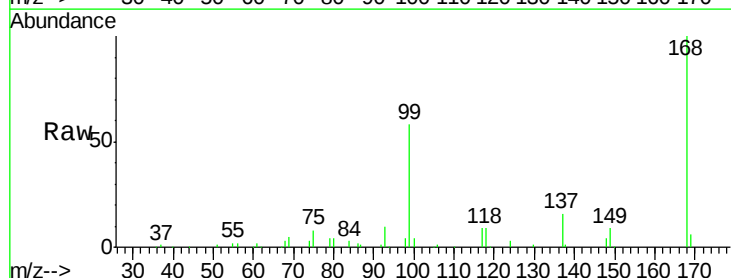


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

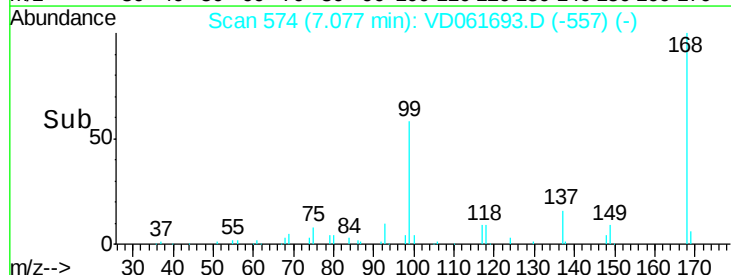
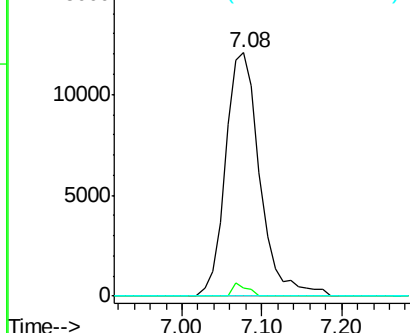


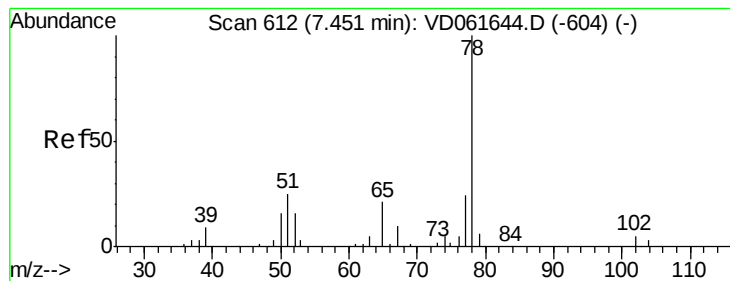
#38
Carbon Tetrachloride
Concen: 5.508 ug/l
RT: 7.08 min Scan# 574
Delta R.T. -0.03 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Tgt Ion: 117 Resp: 36307
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.7 37.1#



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





#40

Benzene

Concen: 3.769 ug/l

RT: 7.49 min Scan# 616

Delta R.T. 0.04 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

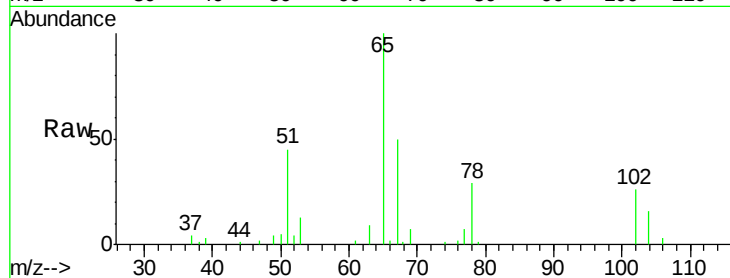
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 78 Resp: 51140

Ion Ratio Lower Upper

78 100

77 22.8 19.5 29.3



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

7.49

20000

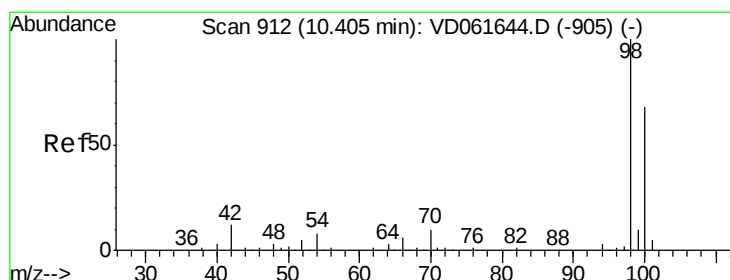
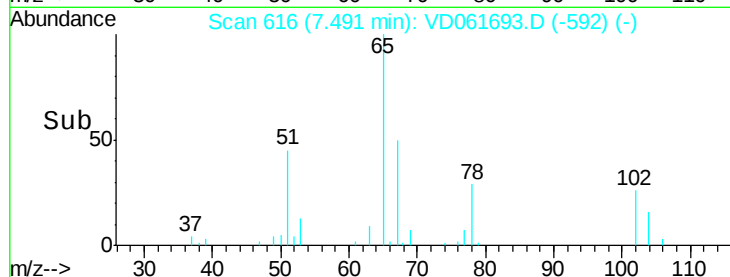
15000

10000

5000

0

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061693.D

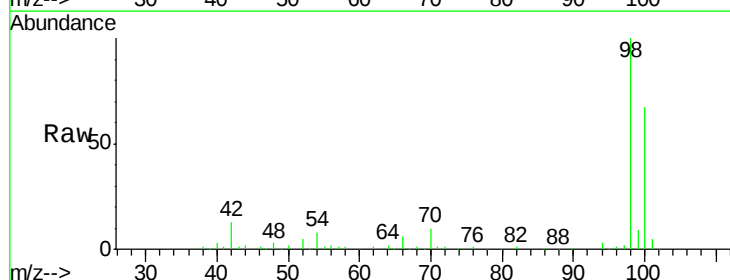
Acq: 9 Apr 2019 23:44

Tgt Ion: 98 Resp: 602622

Ion Ratio Lower Upper

98 100

100 67.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.43

300000

250000

200000

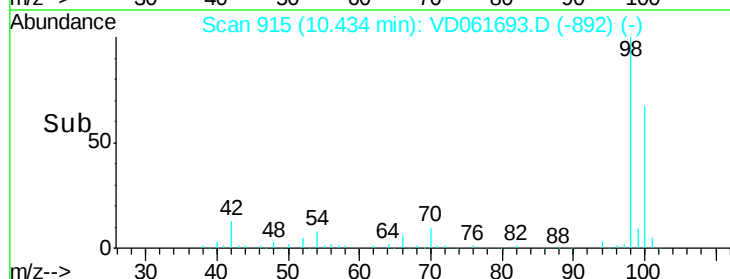
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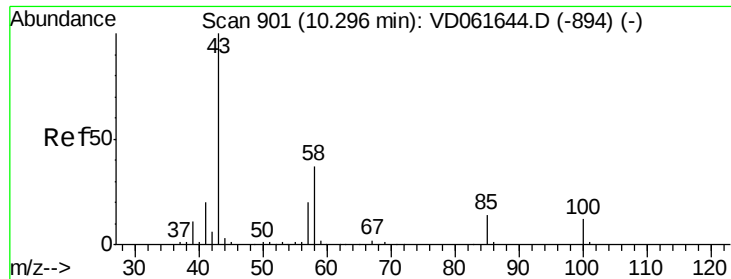
100000

50000

0

Time-->





#51

4-Methyl-2-Pentanone

Concen: 10.429 ug/l

RT: 10.38 min Scan# 909

Delta R.T. 0.08 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

Instrument :

MSVOA_D

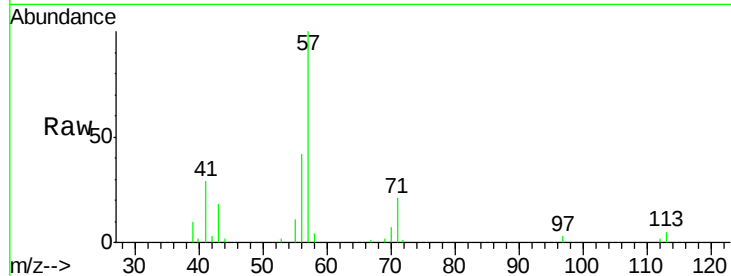
ClientSampleId :

Tot Ion: 43 Resp: 20506

Ion Ratio Lower Upper

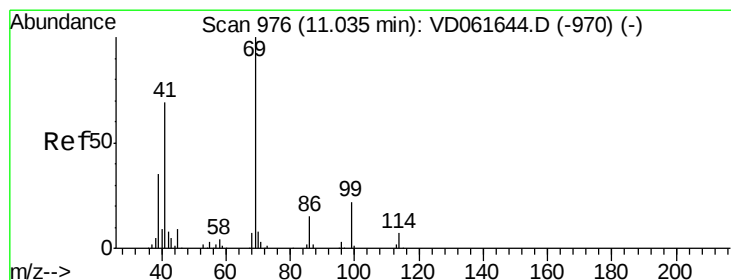
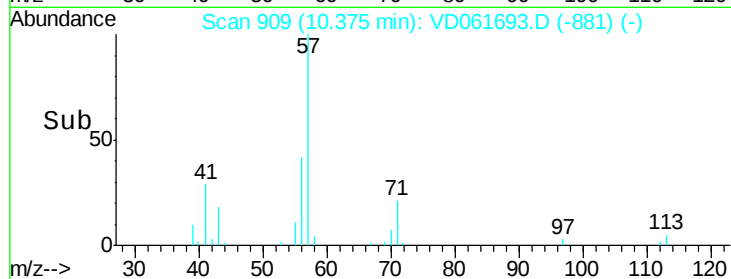
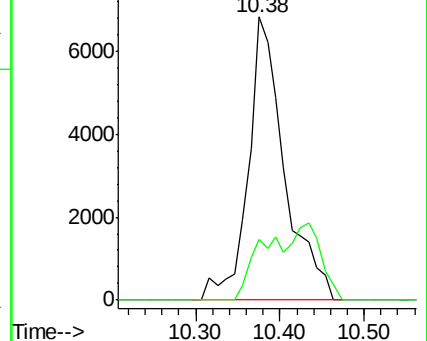
43 100

58 21.2 29.8 44.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#56

Ethyl methacrylate

Concen: 1.250 ug/l

RT: 11.22 min Scan# 995

Delta R.T. 0.19 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

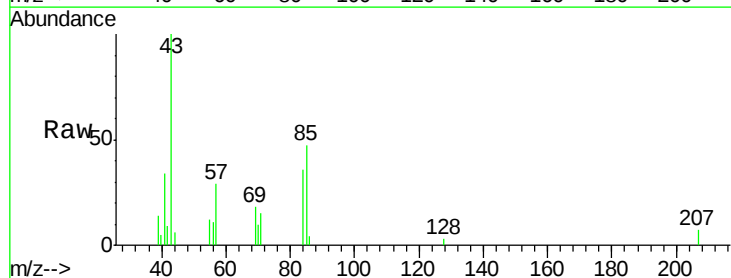
Tgt Ion: 69 Resp: 3767

Ion Ratio Lower Upper

69 100

41 192.3 55.2 82.8#

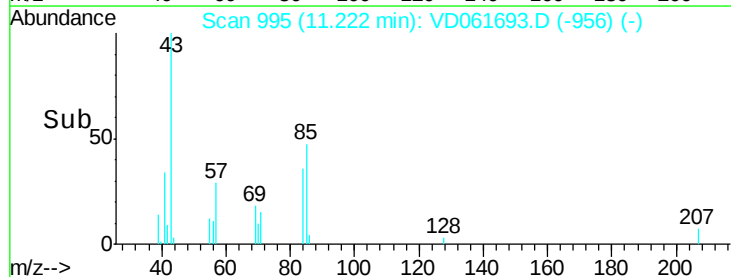
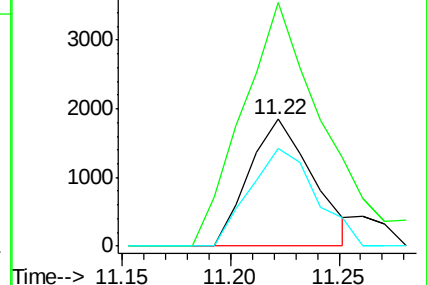
39 77.1 28.6 43.0#

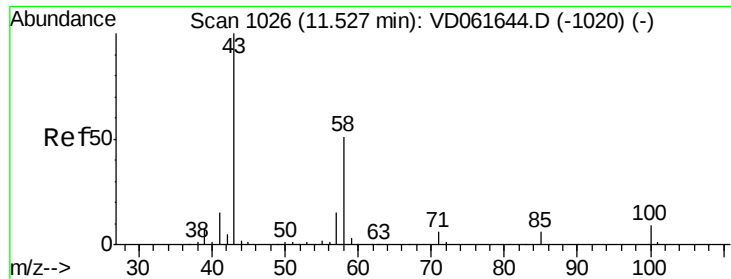


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

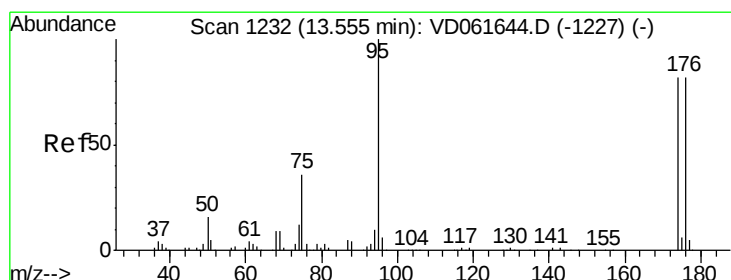
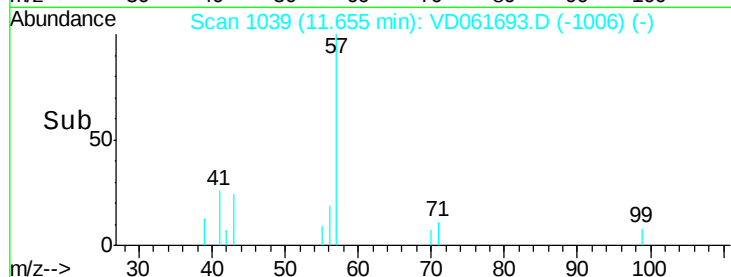
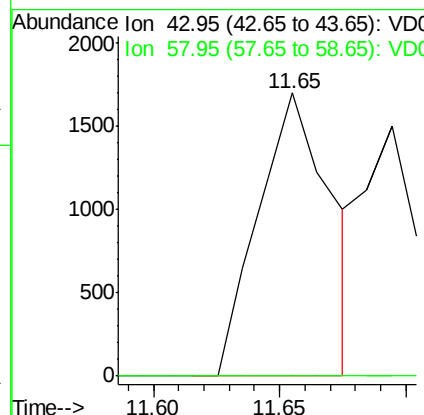
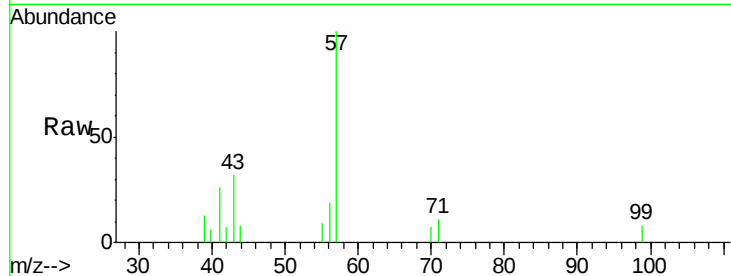




#59
2-Hexanone
Concen: 2.233 ug/l
RT: 11.65 min Scan# 1039
Delta R.T. 0.13 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

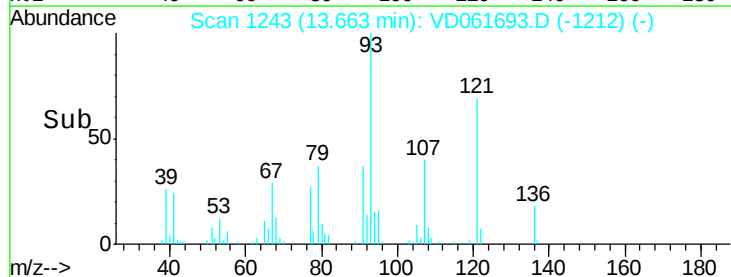
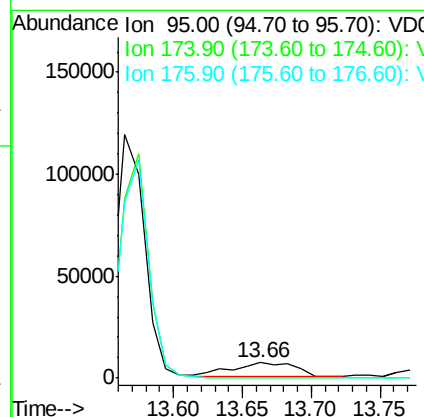
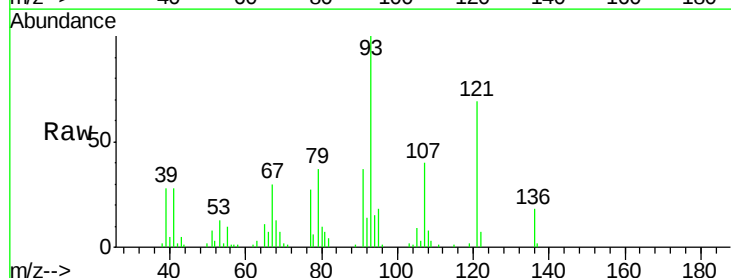
Instrument :
MSVOA_D
ClientSampleId :

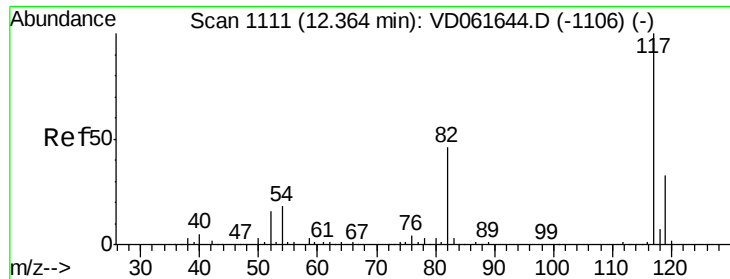
Tot Ion: 43 Resp: 3408
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.66 min Scan# 1243
Delta R.T. 0.11 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Tgt Ion: 95 Resp: 22068
Ion Ratio Lower Upper
95 100
174 0.0 0.0 164.6
176 0.0 0.0 165.0

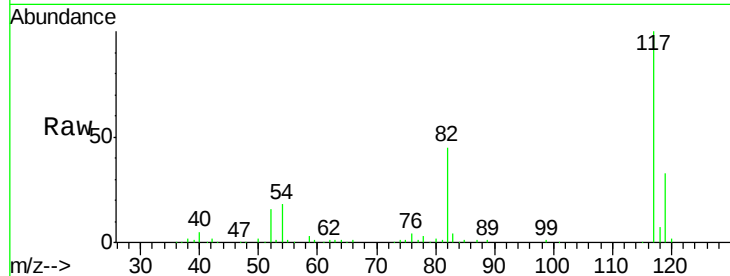




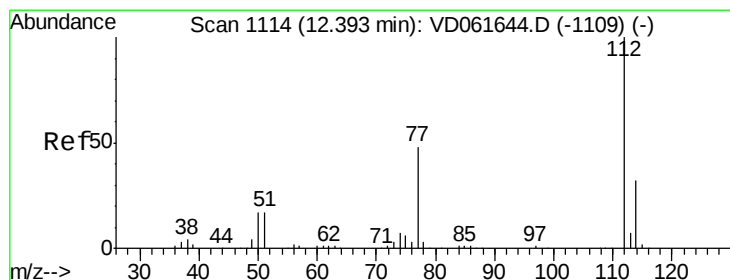
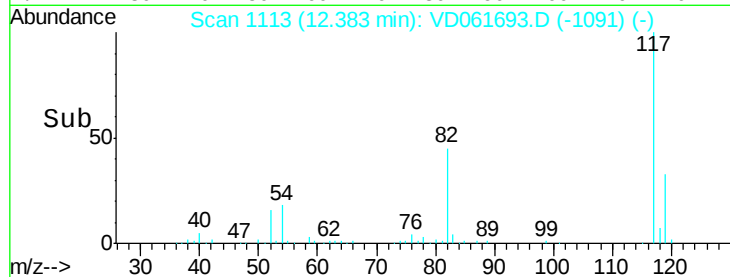
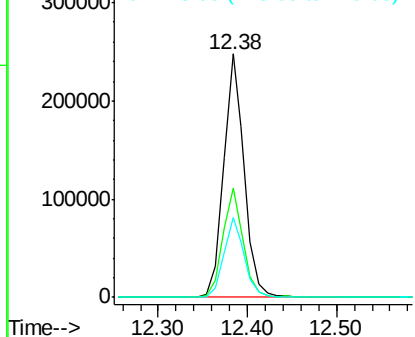
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 399874
Ion Ratio Lower Upper
117 100
82 44.6 36.8 55.2
119 33.0 26.1 39.1

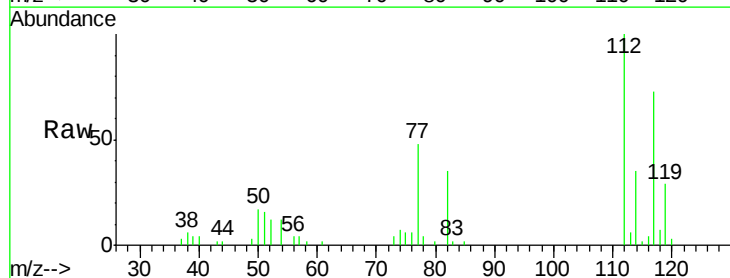


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V

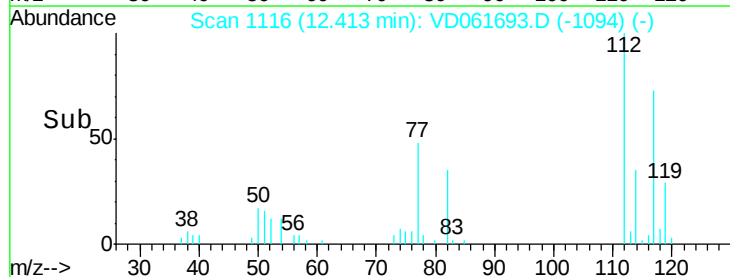
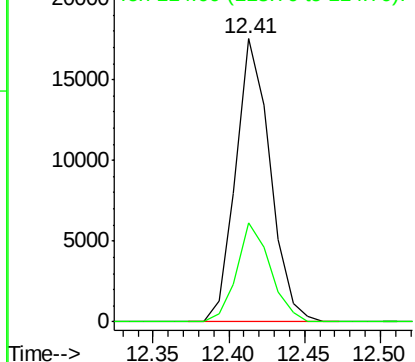


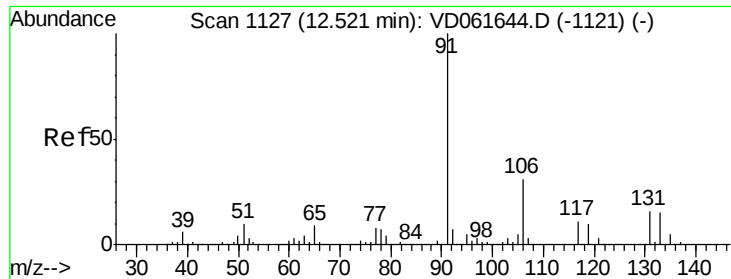
#65
Chlorobenzene
Concen: 3.486 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.02 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Tgt Ion:112 Resp: 27642
Ion Ratio Lower Upper
112 100
114 35.1 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

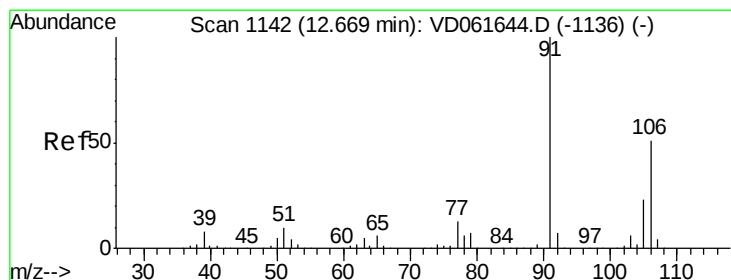
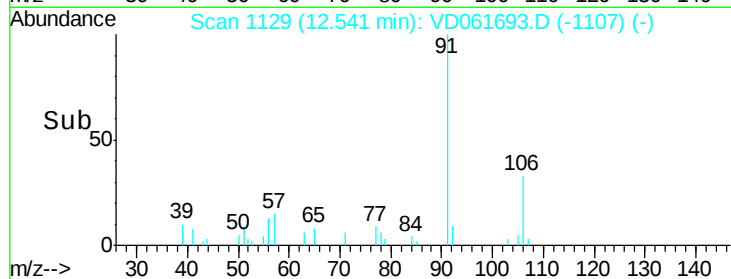
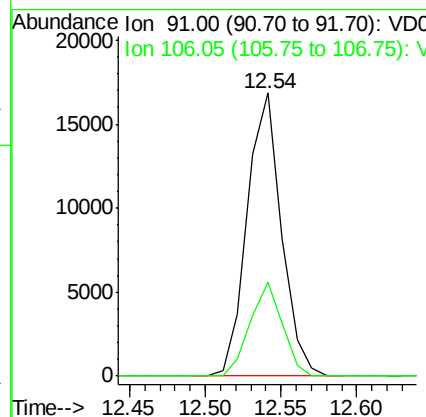
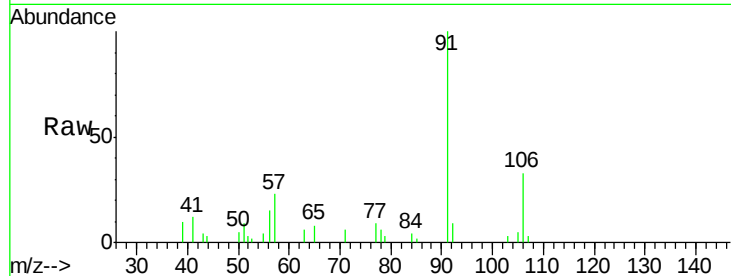




#67
Ethyl Benzene
Concen: 2.200 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

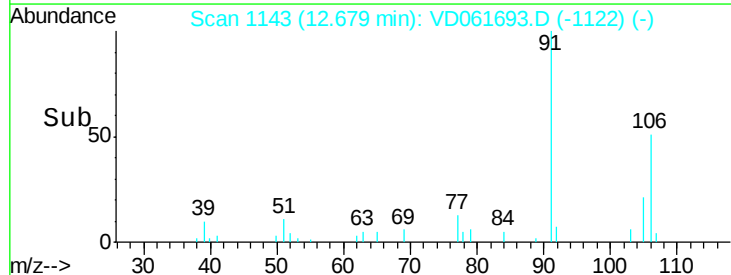
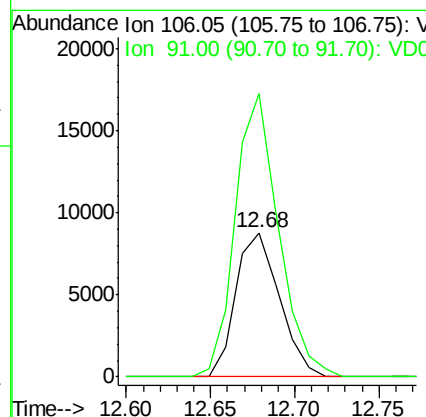
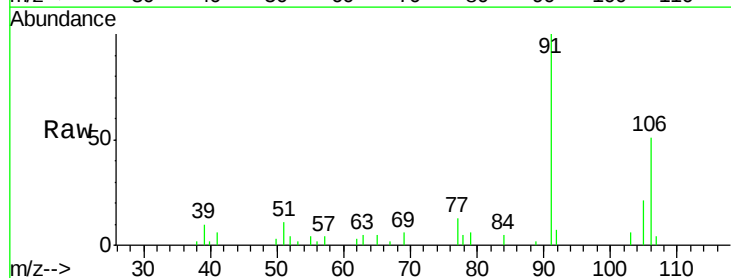
Instrument :
MSVOA_D
ClientSampled :

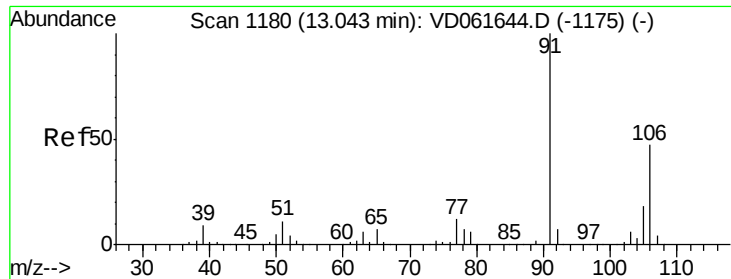
Tot Ion: 91 Resp: 26569
Ion Ratio Lower Upper
91 100
106 33.2 24.6 37.0



#68
m/p-Xylenes
Concen: 3.388 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Tgt Ion: 106 Resp: 15774
Ion Ratio Lower Upper
106 100
91 196.2 156.7 235.1

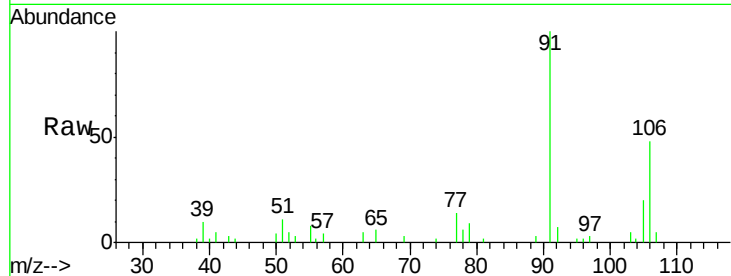




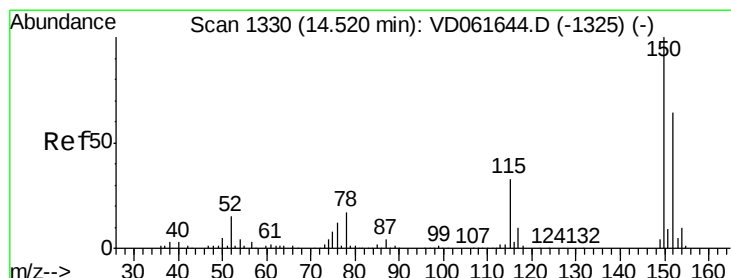
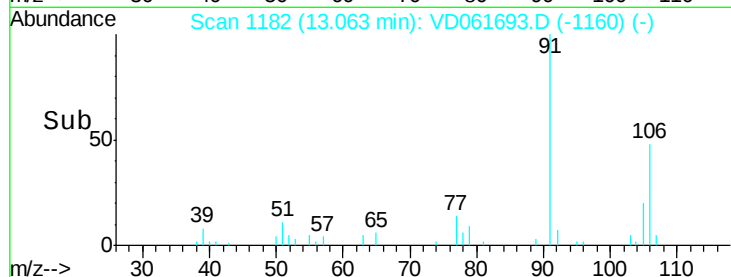
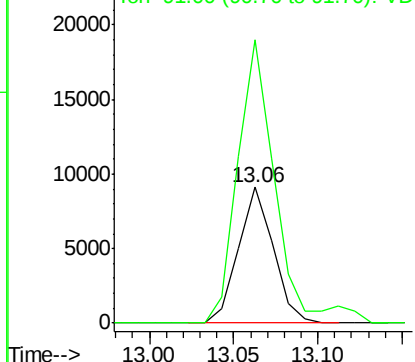
#69
o-Xylene
Concen: 2.926 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.02 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion:106 Resp: 13151
Ion Ratio Lower Upper
106 100
91 208.1 107.3 321.9

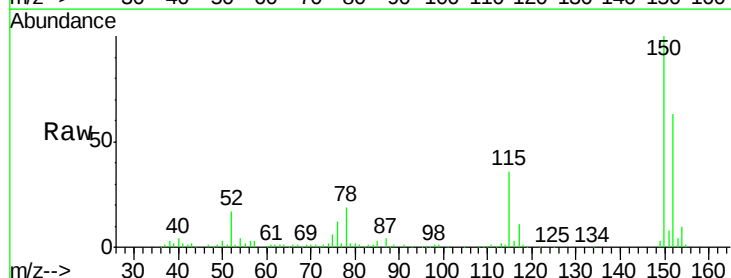


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

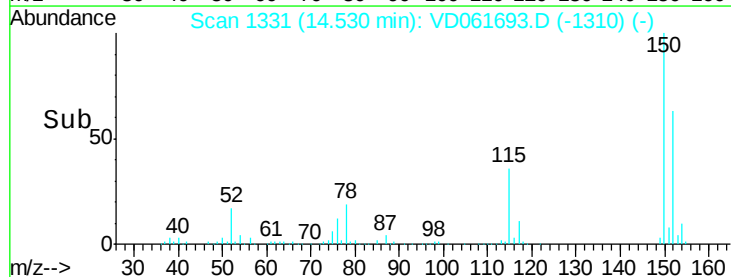
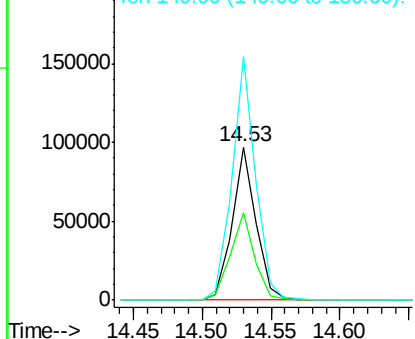


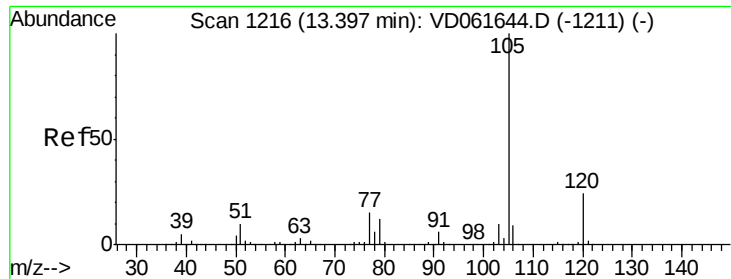
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Tgt Ion:152 Resp: 116025
Ion Ratio Lower Upper
152 100
115 56.9 26.4 79.2
150 158.9 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: 13.884 ug/l

RT: 13.42 min Scan# 1218

Delta R.T. 0.02 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

Instrument :

MSVOA_D

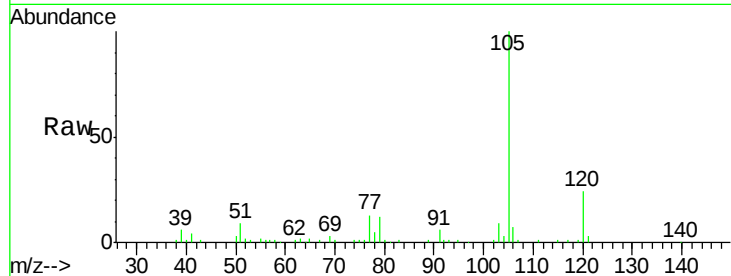
ClientSampleId :

Tot Ion:105 Resp: 107332

Ion Ratio Lower Upper

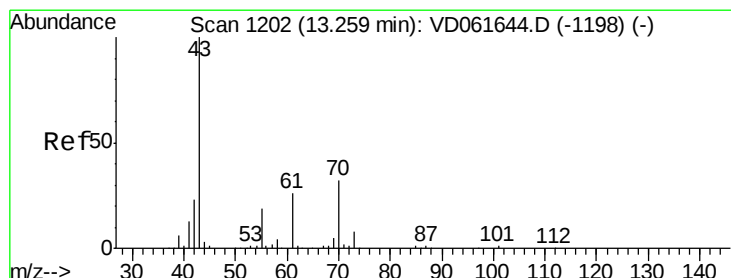
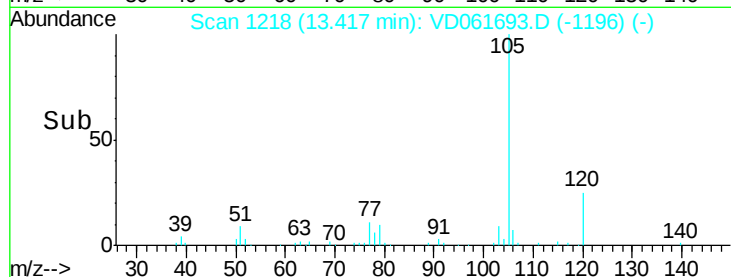
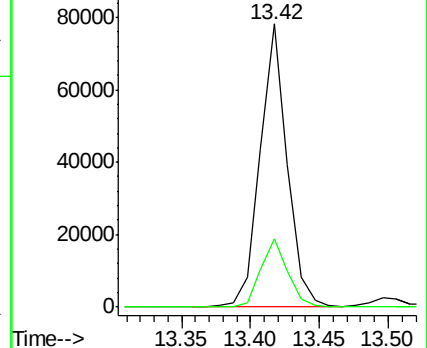
105 100

120 24.0 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 8.479 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.03 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

Tgt Ion: 43 Resp: 17810

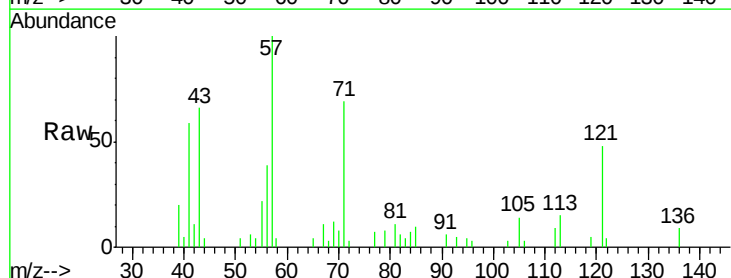
Ion Ratio Lower Upper

43 100

71 12.3 25.4 38.2#

55 32.8 15.0 22.4#

61 0.0 20.9 31.3#

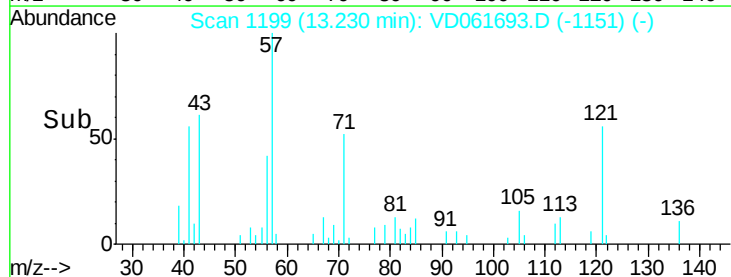
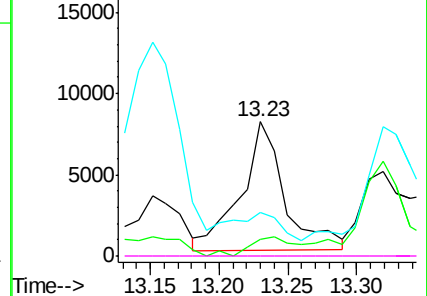


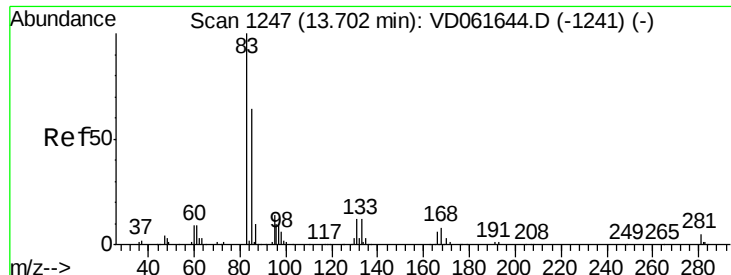
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.109 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.03 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

Instrument :

MSVOA_D

ClientSampleId :

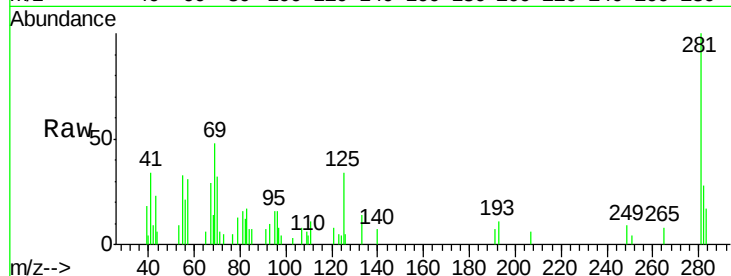
Tot Ion: 83 Resp: 3372

Ion Ratio Lower Upper

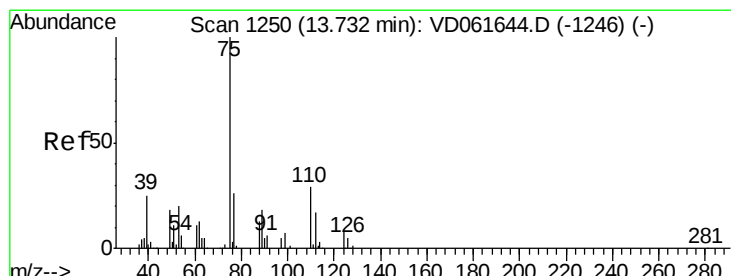
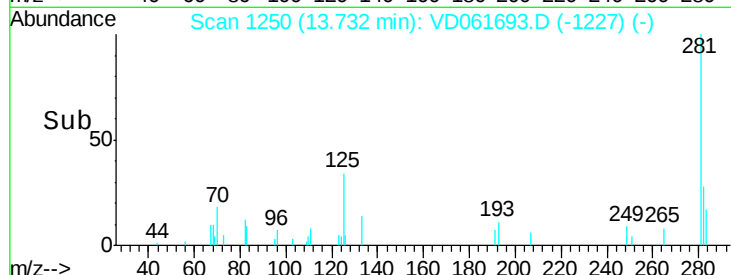
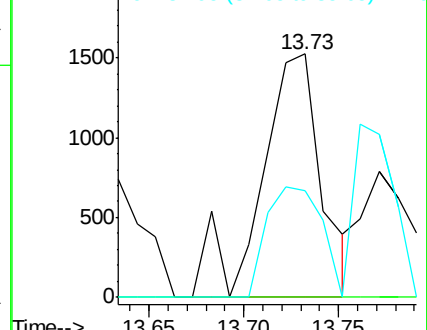
83 100

131 0.0 5.9 17.6#

85 44.0 32.0 96.2



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: 1.341 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.12 min

Lab File: VD061693.D

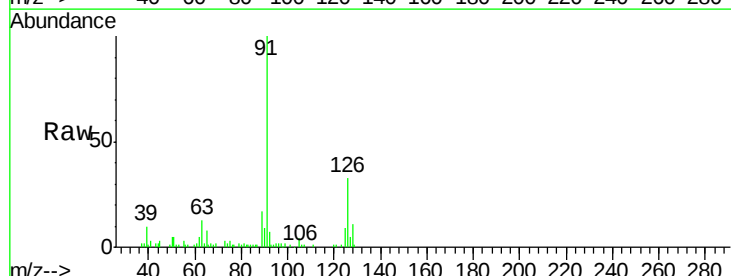
Acq: 9 Apr 2019 23:44

Tgt Ion: 75 Resp: 2117

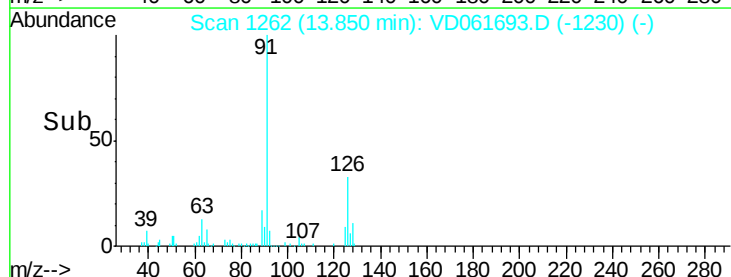
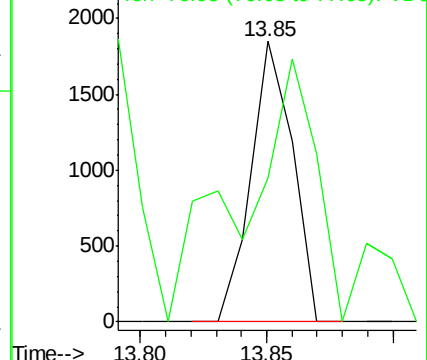
Ion Ratio Lower Upper

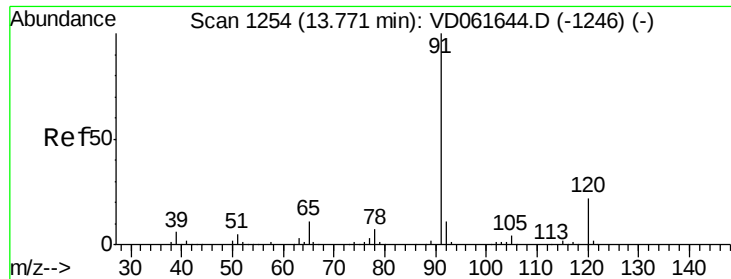
75 100

77 51.4 15.7 47.1#



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





#78

n-propylbenzene

Concen: 2.932 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

Instrument :

MSVOA_D

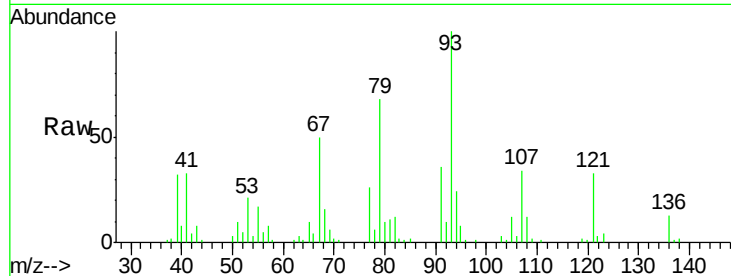
ClientSampleId :

Tot Ion: 91 Resp: 27111

Ion Ratio Lower Upper

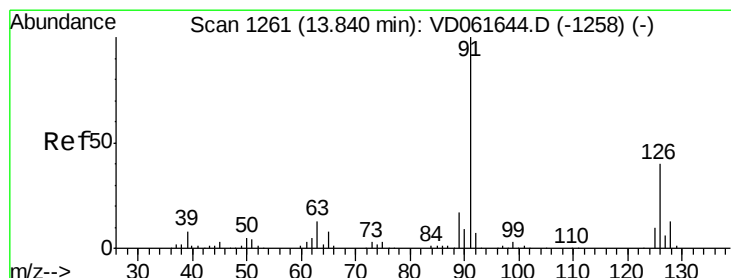
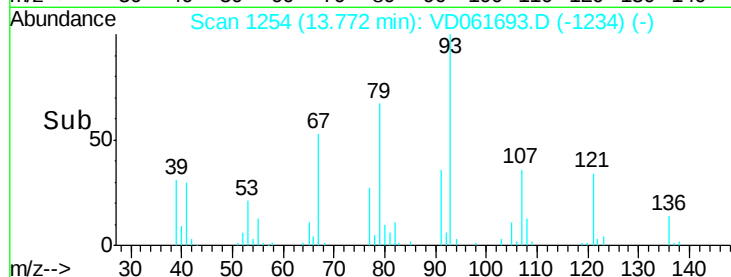
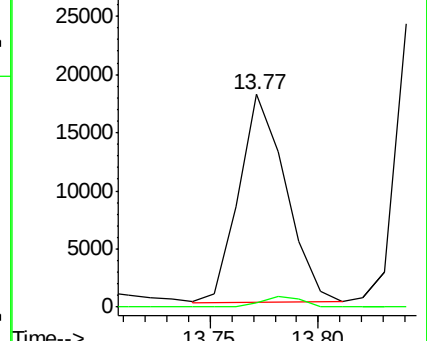
91 100

120 2.2 10.8 32.4#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 17.495 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD061693.D

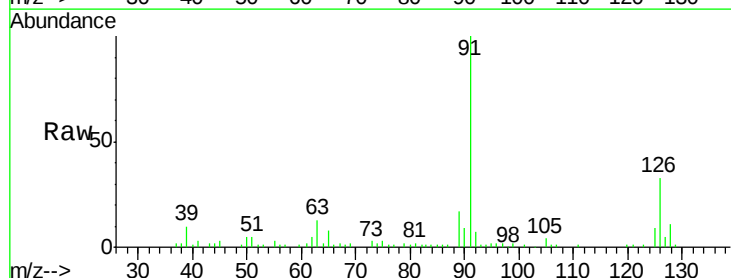
Acq: 9 Apr 2019 23:44

Tgt Ion: 91 Resp: 92520

Ion Ratio Lower Upper

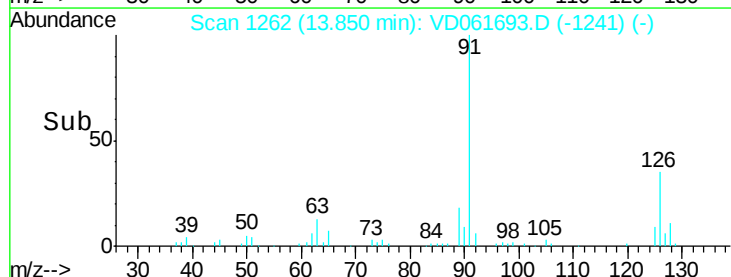
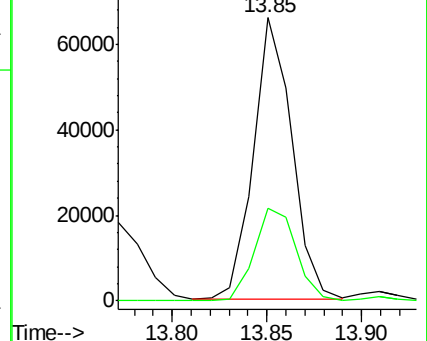
91 100

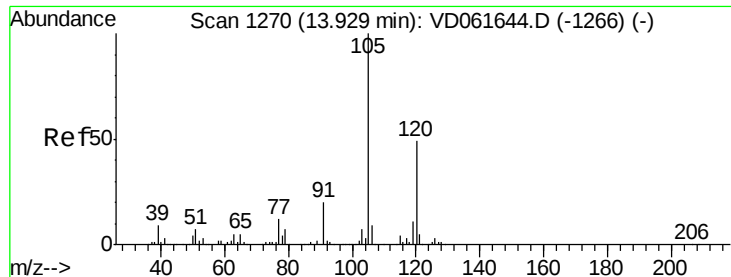
126 33.0 20.0 59.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

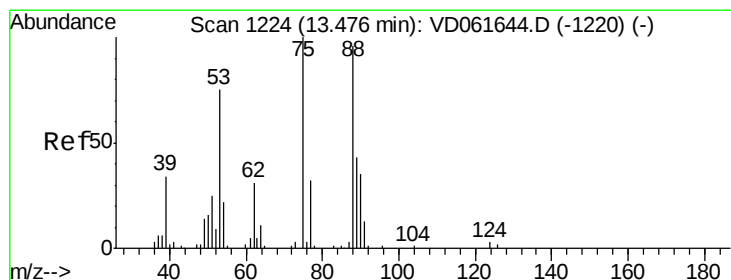
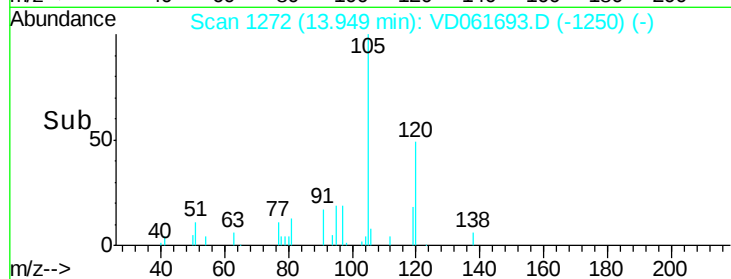
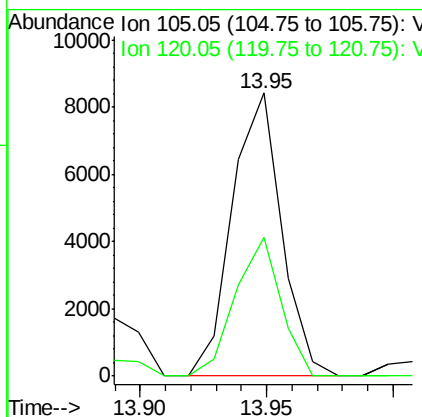
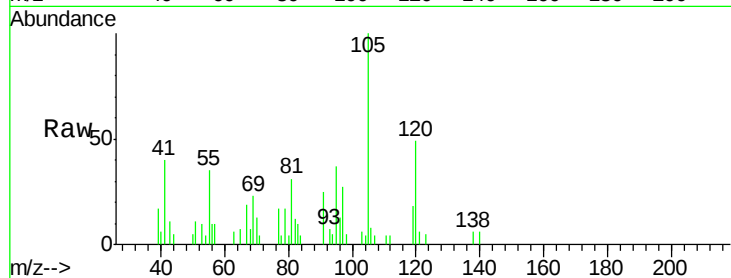




#80
 1,3,5-Trimethylbenzene
 Concen: 1.868 ug/l
 RT: 13.95 min Scan# 1272
 Delta R.T. 0.02 min
 Lab File: VD061693.D
 Acq: 9 Apr 2019 23:44

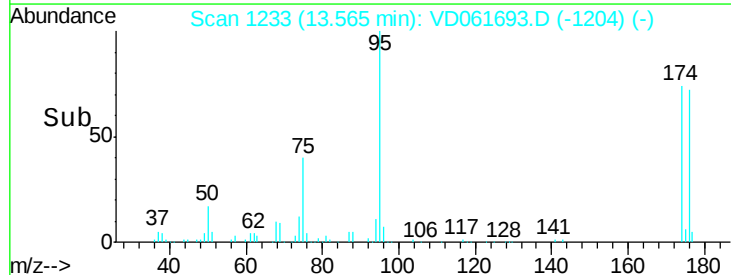
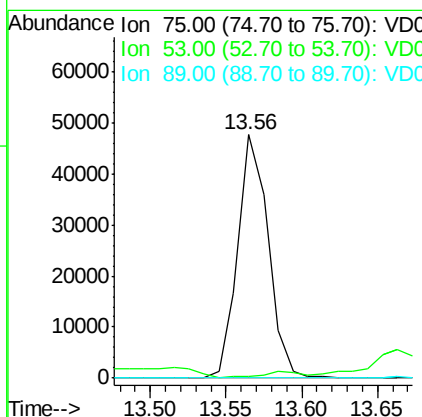
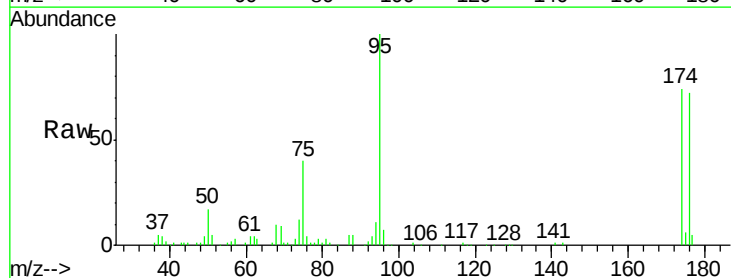
Instrument :
 MSVOA_D
 ClientSampleID :

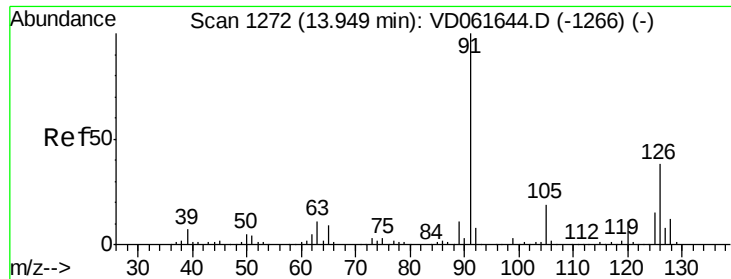
Tot Ion:105 Resp: 11464
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.630 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD061693.D
 Acq: 9 Apr 2019 23:44

Tgt Ion: 75 Resp: 66884
 Ion Ratio Lower Upper
 75 100
 53 0.9 60.2 90.2#
 89 0.0 34.2 51.2#

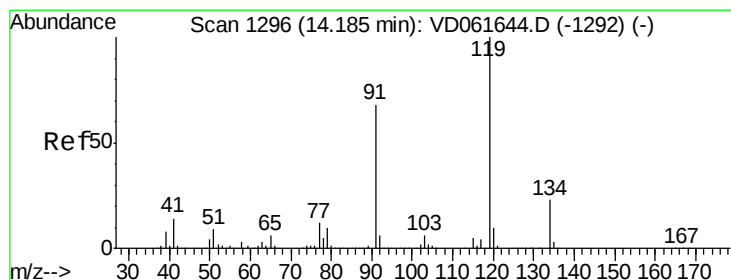
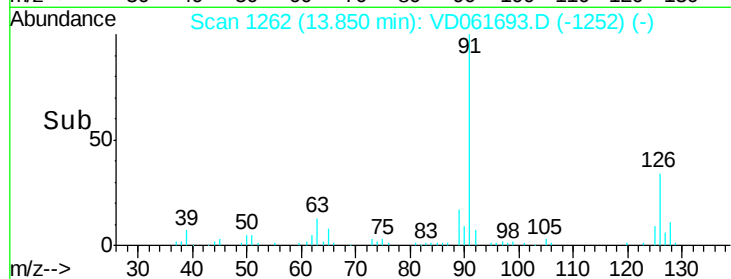
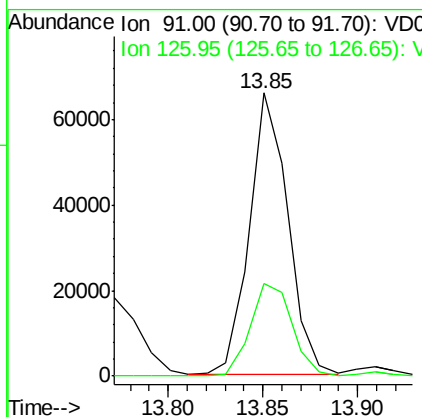
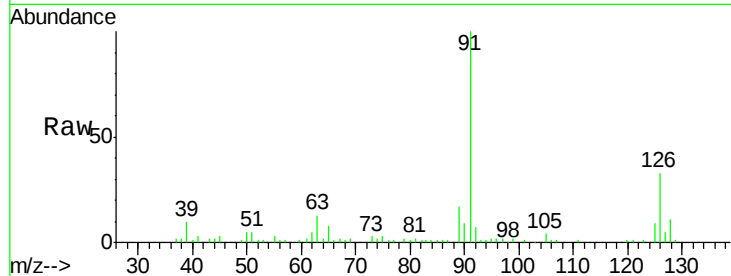




#82
4-Chlorotoluene
Concen: 15.966 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. -0.10 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

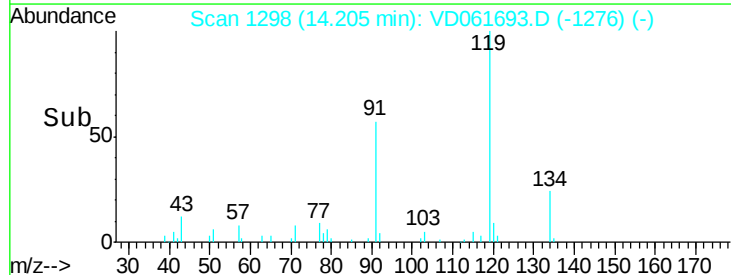
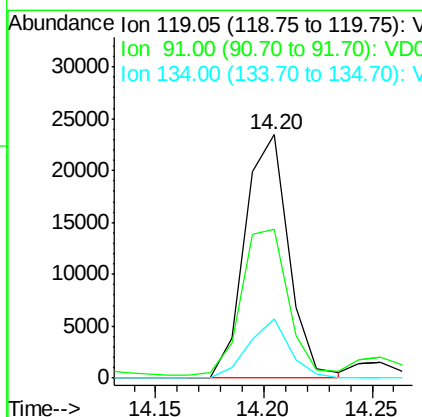
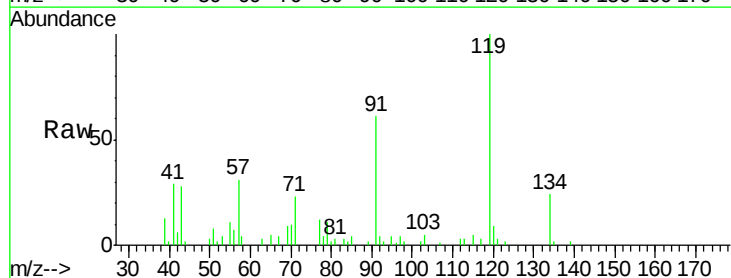
Instrument :
MSVOA_D
ClientSampleId :

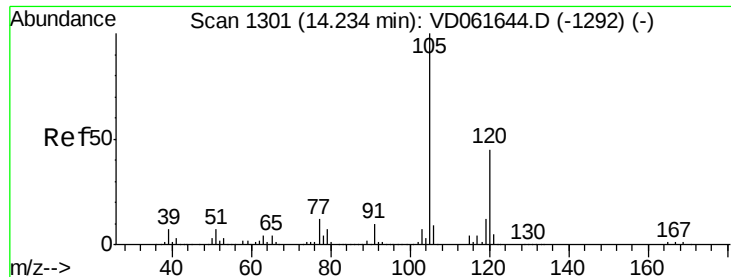
Tot Ion: 91 Resp: 92520
Ion Ratio Lower Upper
91 100
126 33.0 19.0 57.0



#83
tert-Butylbenzene
Concen: 4.427 ug/l
RT: 14.20 min Scan# 1298
Delta R.T. 0.02 min
Lab File: VD061693.D
Acq: 9 Apr 2019 23:44

Tgt Ion: 119 Resp: 32752
Ion Ratio Lower Upper
119 100
91 61.0 33.9 101.6
134 24.4 11.6 34.8

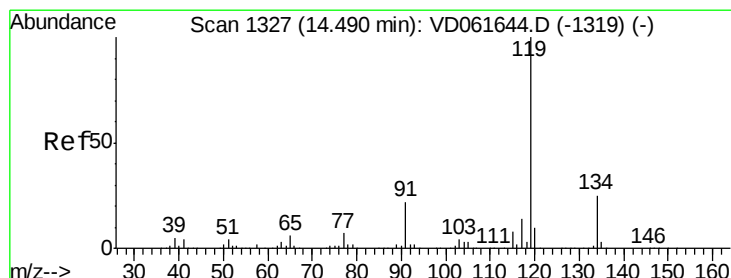
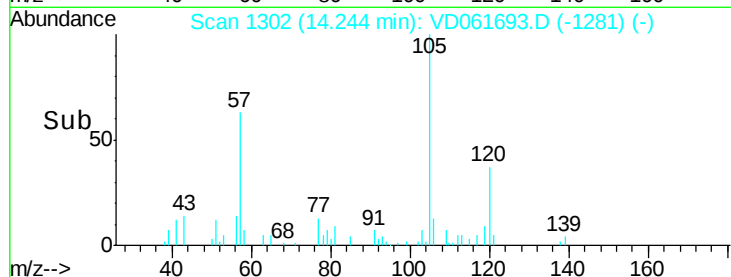
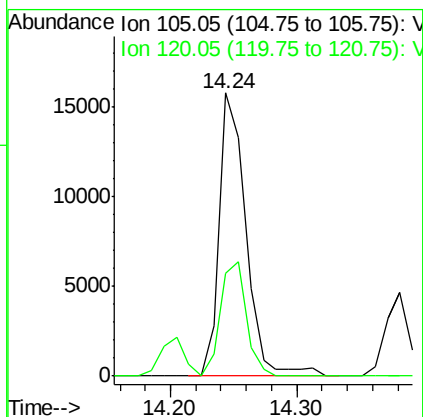
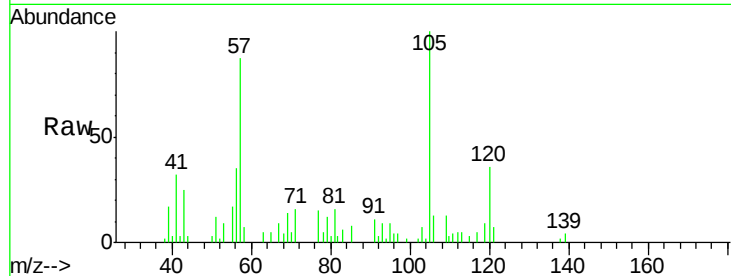




#84
 1,2,4-Trimethylbenzene
 Concen: 3.753 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061693.D
 Acq: 9 Apr 2019 23:44

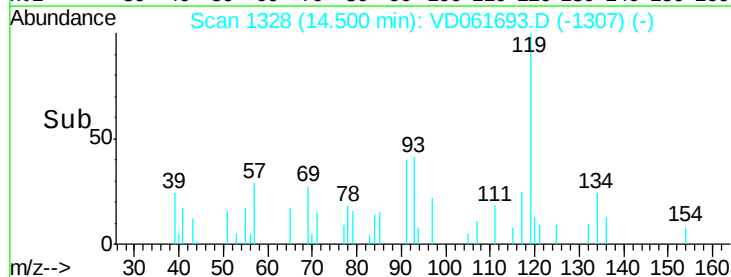
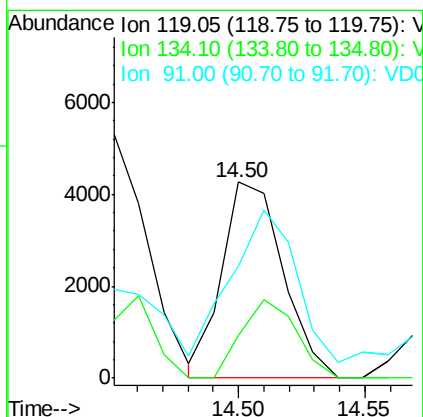
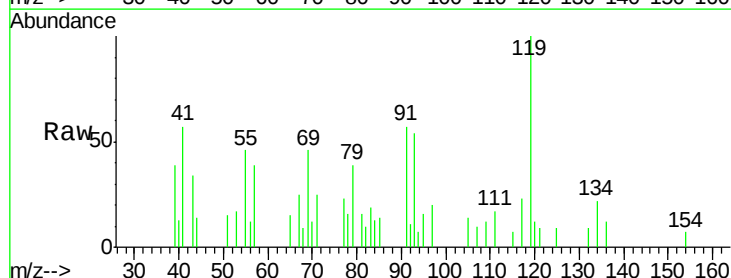
Instrument :
 MSVOA_D
 ClientSampleId :

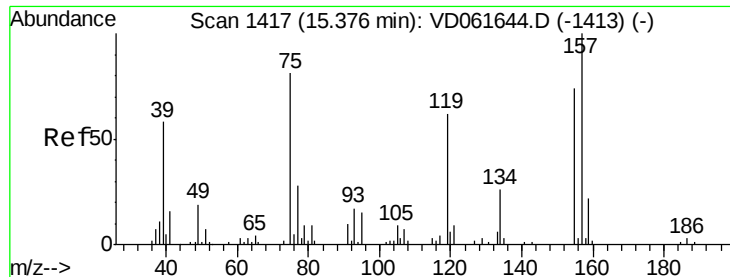
Tot Ion:105 Resp: 23242
 Ion Ratio Lower Upper
 105 100
 120 36.2 22.6 67.8



#86
 p-Isopropyltoluene
 Concen: 1.036 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD061693.D
 Acq: 9 Apr 2019 23:44

Tgt Ion:119 Resp: 7186
 Ion Ratio Lower Upper
 119 100
 134 21.8 12.5 37.5
 91 57.3 11.0 33.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.277 ug/l

RT: 15.35 min Scan# 1414

Delta R.T. -0.03 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

Instrument :

MSVOA_D

ClientSampleId :

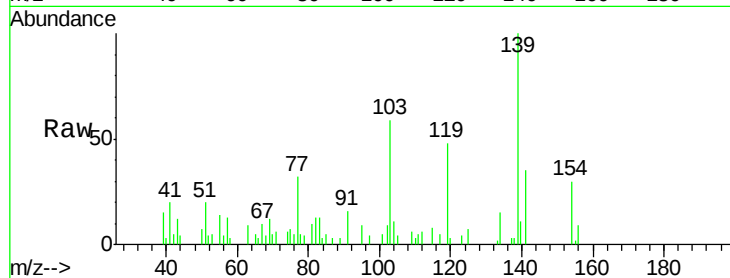
Tot Ion: 75 Resp: 1018

Ion Ratio Lower Upper

75 100

155 35.1 45.6 136.7#

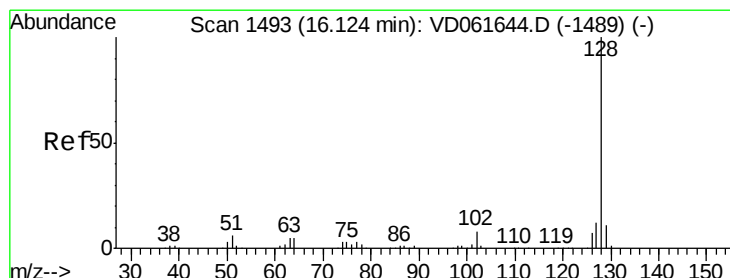
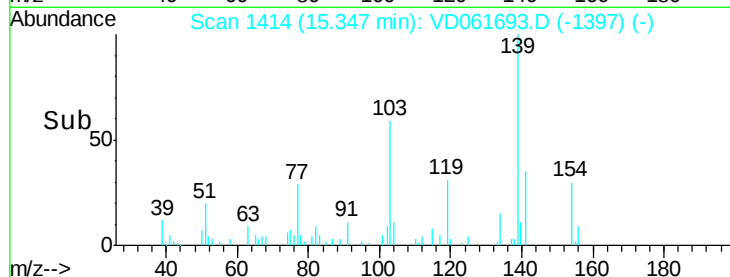
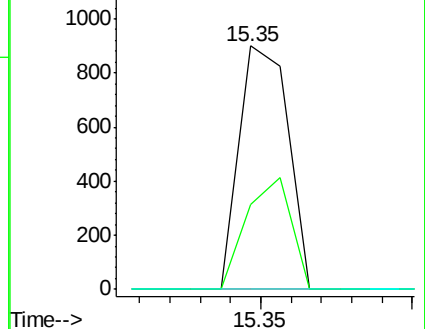
157 0.0 61.4 184.2#



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: 7.039 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD061693.D

Acq: 9 Apr 2019 23:44

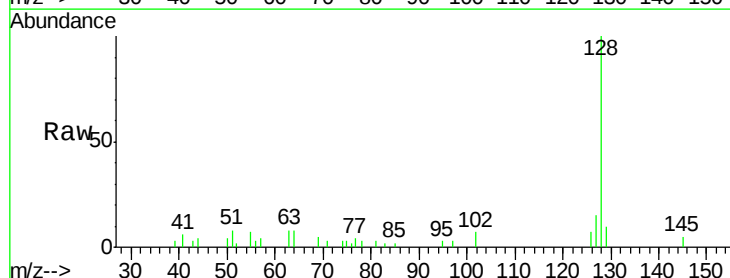
Tgt Ion: 128 Resp: 18061

Ion Ratio Lower Upper

128 100

127 14.9 9.4 14.2#

129 10.5 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

