

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061716.D
 Acq On : 10 Apr 2019 16:41
 Operator : VA/AP
 Sample : K2316-04RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 11 01:07:16 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	7.07	168	416533	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	672070	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	449448	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	122475	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	229020	72.54	ug/l	0.02
Spiked Amount			Recovery	=	145.08%	
35) Dibromofluoromethane	6.95	113	339434	72.90	ug/l	0.03
Spiked Amount			Recovery	=	145.80%	
50) Toluene-d8	10.43	98	725723	62.04	ug/l	0.02
Spiked Amount			Recovery	=	124.08%	
62) 4-Bromofluorobenzene	13.56	95	184755	43.77	ug/l	0.00
Spiked Amount			Recovery	=	87.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.06	59	1260	5.955	ug/l #	72
13) Acrolein	3.04	56	798	3.093	ug/l #	18
16) Acetone	3.24	43	117074	124.043	ug/l	98
17) Carbon Disulfide	3.41	76	34256	2.428	ug/l #	87
20) Methylene Chloride	3.85	84	39729	7.418	ug/l	91
25) 2-Butanone	6.10	43	41709	38.333	ug/l	97
29) Tetrahydrofuran	6.10	42	1794	3.416	ug/l #	1
36) 1,1-Dichloropropene	7.07	75	29058	4.940	ug/l #	46
37) Ethyl Acetate	6.10	43	41709	17.410	ug/l #	68
38) Carbon Tetrachloride	7.07	117	40625	5.893	ug/l #	15
40) Benzene	7.47	78	14311	1.009	ug/l	93
51) 4-Methyl-2-Pentanone	10.37	43	16031	7.796	ug/l #	79
59) 2-Hexanone	11.50	43	5996	3.757	ug/l #	27
65) Chlorobenzene	12.41	112	15245	1.710	ug/l	98
67) Ethyl Benzene	12.53	91	36089	2.659	ug/l	98
68) m/p-Xylenes	12.67	106	23168	4.428	ug/l	88
69) o-Xylene	13.06	106	17885	3.541	ug/l	99
73) Isopropylbenzene	13.41	105	167185	20.487	ug/l	99
74) N-amyl acetate	13.22	43	29810	13.444	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	13.73	83	6665	3.950	ug/l #	66
76) 1,2,3-Trichloropropane	13.84	75	5245	3.148	ug/l	75
78) n-propylbenzene	13.78	91	18350	1.880	ug/l #	76
79) 2-Chlorotoluene	13.84	91	213526	38.250	ug/l	91
80) 1,3,5-Trimethylbenzene	13.94	105	28043	4.330	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.56	75	70474	139.377	ug/l #	20
82) 4-Chlorotoluene	13.84	91	213039	34.827	ug/l	93
83) tert-Butylbenzene	14.20	119	17265	2.211	ug/l	99
84) 1,2,4-Trimethylbenzene	14.25	105	48474	7.415	ug/l	95
85) sec-Butylbenzene	14.38	105	9408	1.115	ug/l	89
86) p-Isopropyltoluene	14.44	119	10591	1.447	ug/l	89
89) n-Butylbenzene	14.80	91	9502	1.494	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	15.34	75	637	3.128	ug/l #	1
95) Naphthalene	16.13	128	43220	15.957	ug/l	98

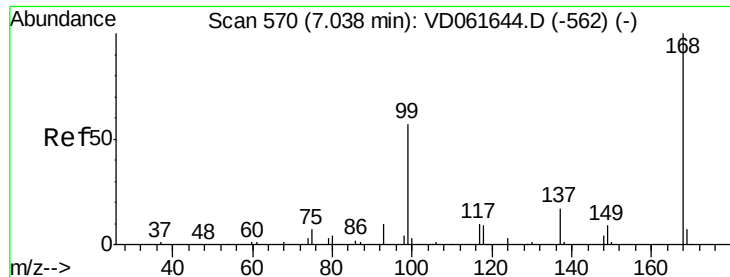
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
Data File : VD061716.D
Acq On : 10 Apr 2019 16:41
Operator : VA/AP
Sample : K2316-04RE
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Apr 11 01:07:16 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

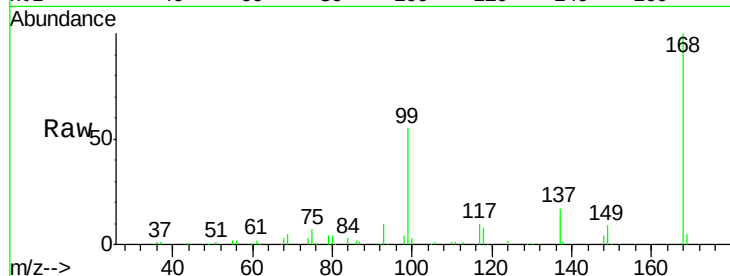
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 416533

Ion Ratio Lower Upper

168 100

99 55.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

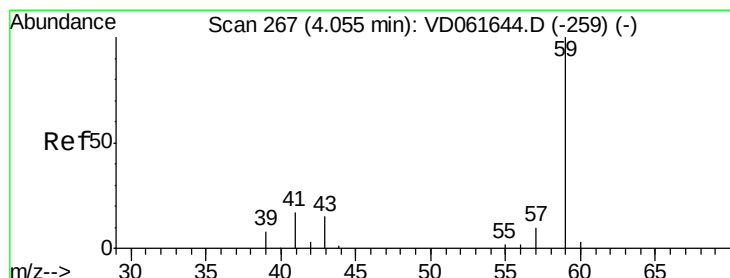
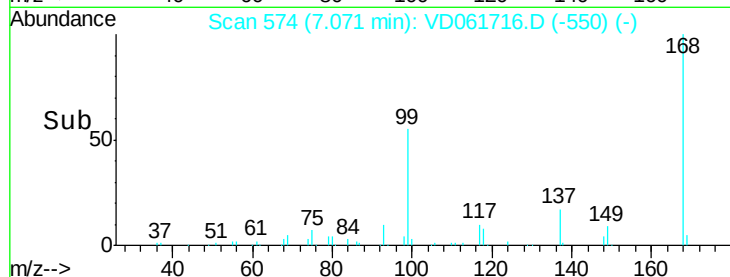
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 5.955 ug/l

RT: 4.06 min Scan# 268

Delta R.T. 0.00 min

Lab File: VD061716.D

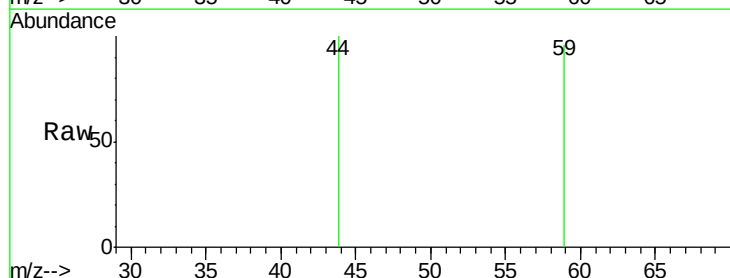
Acq: 10 Apr 2019 16:41

Tgt Ion: 59 Resp: 1260

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

4.06

600

500

400

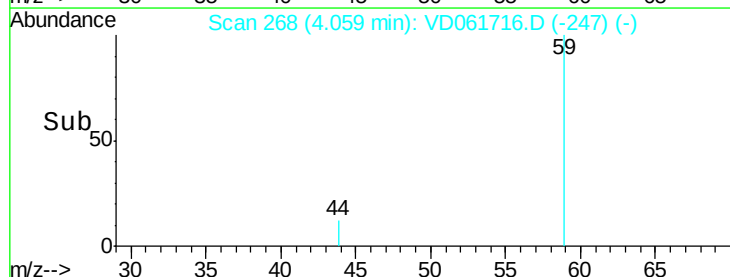
300

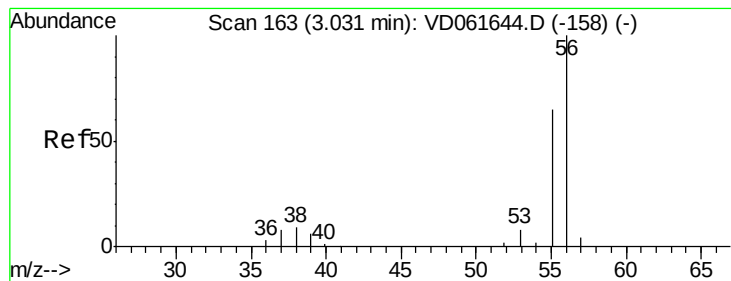
200

100

0

Time--> 4.00 4.05 4.10





#13

Acrolein

Concen: 3.093 ug/l

RT: 3.04 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

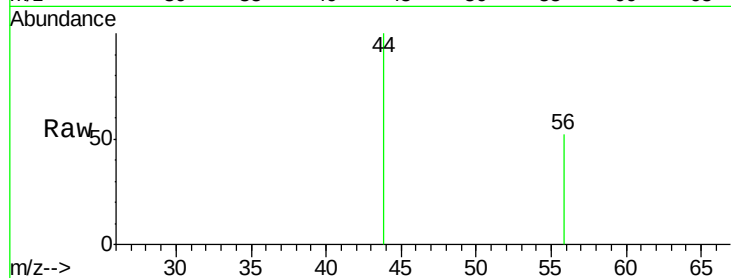
ClientSampleId :

Tot Ion: 56 Resp: 798

Ion Ratio Lower Upper

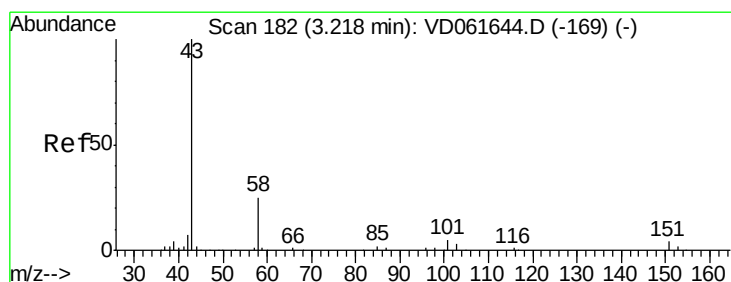
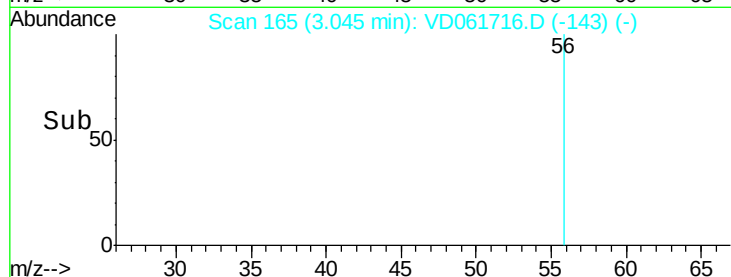
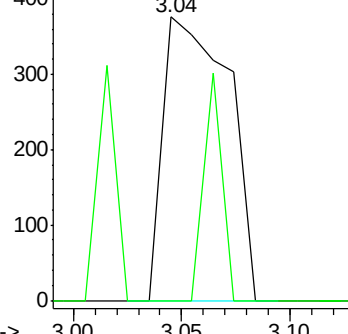
56 100

55 0.0 51.8 77.6#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 124.043 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD061716.D

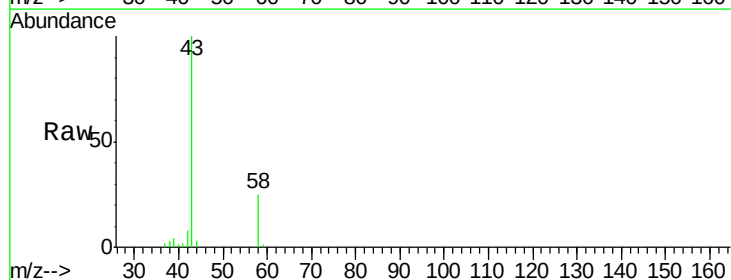
Acq: 10 Apr 2019 16:41

Tgt Ion: 43 Resp: 117074

Ion Ratio Lower Upper

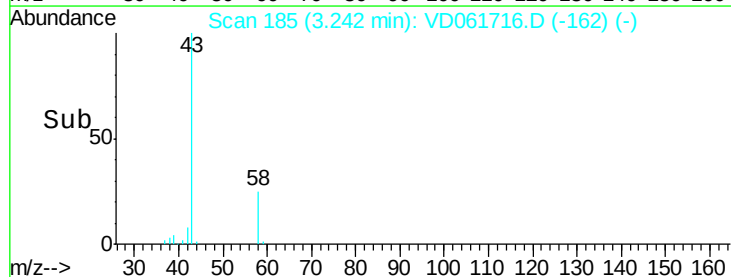
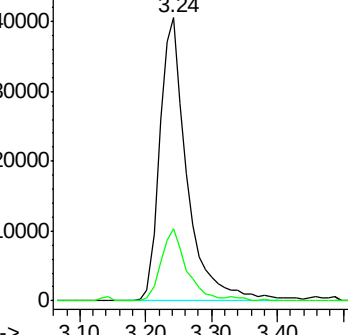
43 100

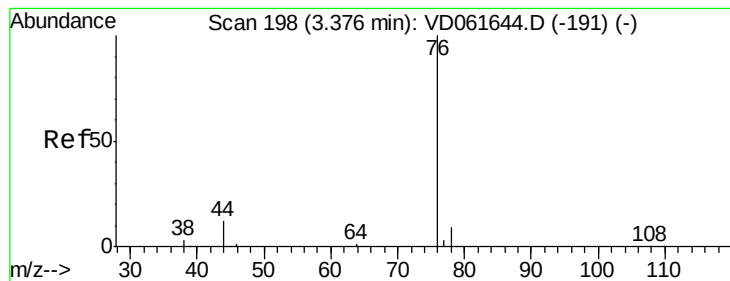
58 25.4 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 2.428 ug/l

RT: 3.41 min Scan# 202

Delta R.T. 0.03 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

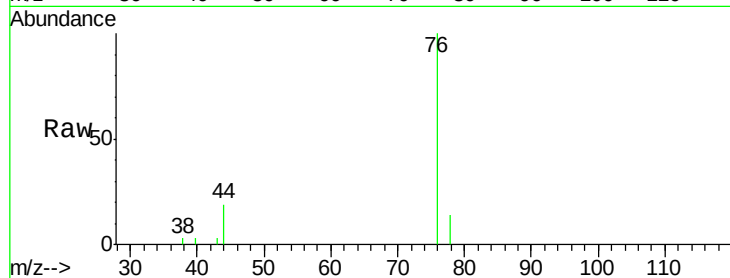
ClientSampleId :

Tot Ion: 76 Resp: 34256

Ion Ratio Lower Upper

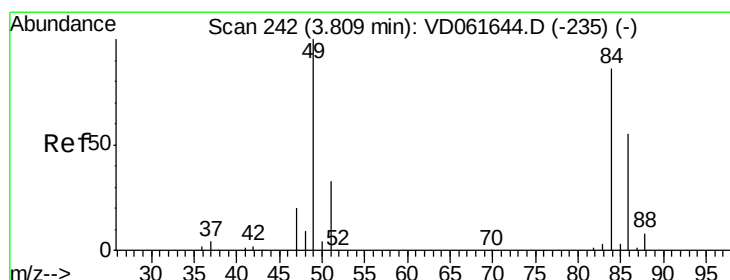
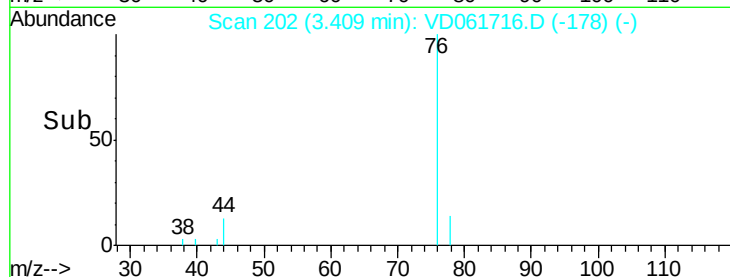
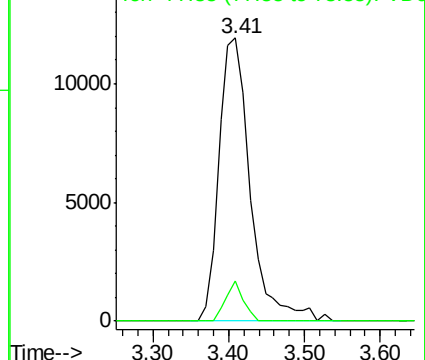
76 100

78 14.0 7.4 11.2#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 7.418 ug/l

RT: 3.85 min Scan# 247

Delta R.T. 0.04 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Tgt Ion: 84 Resp: 39729

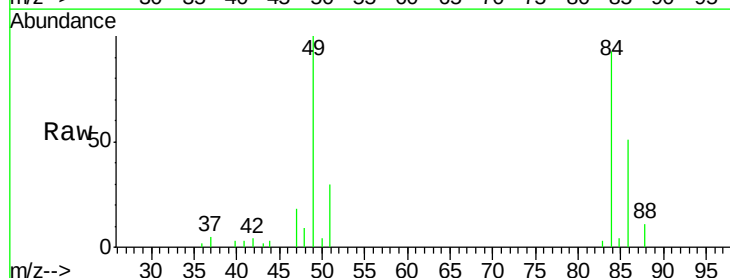
Ion Ratio Lower Upper

84 100

49 107.5 93.0 139.4

51 32.0 30.4 45.6

86 54.5 51.0 76.4

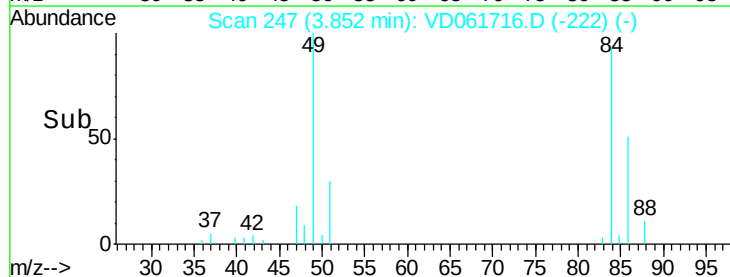
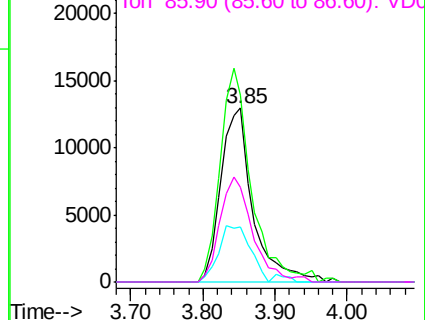


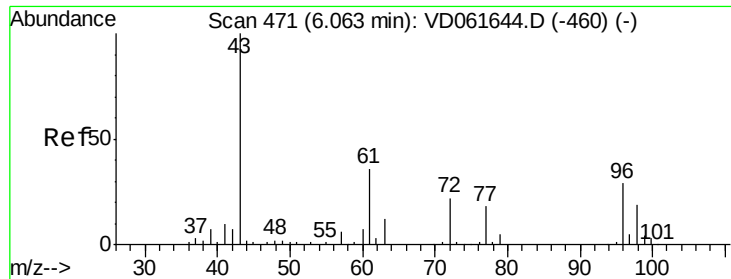
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 38.333 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.03 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

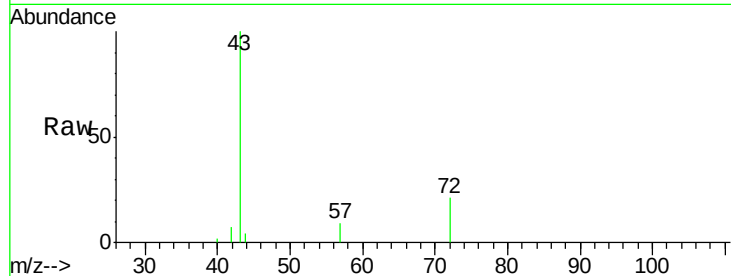
ClientSampled :

Tot Ion: 43 Resp: 41709

Ion Ratio Lower Upper

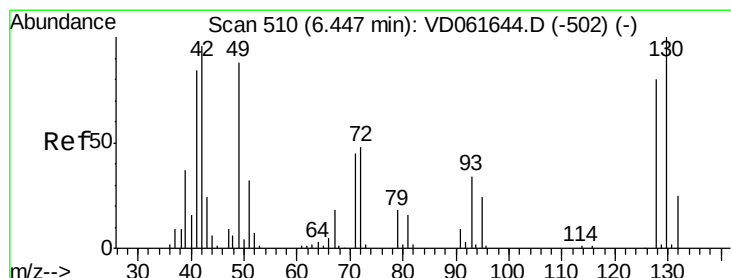
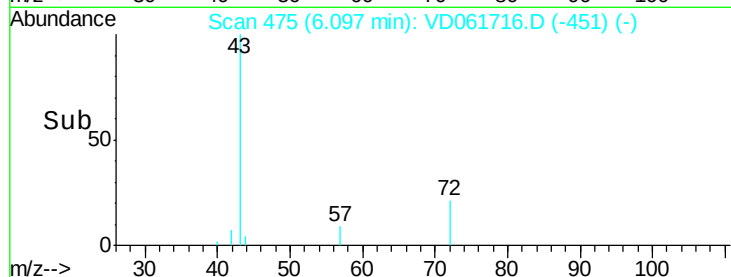
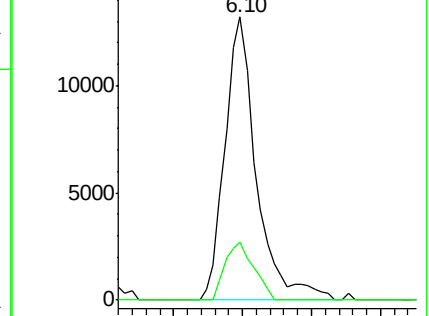
43 100

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



#29

Tetrahydrofuran

Concen: 3.416 ug/l

RT: 6.10 min Scan# 475

Delta R.T. -0.35 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

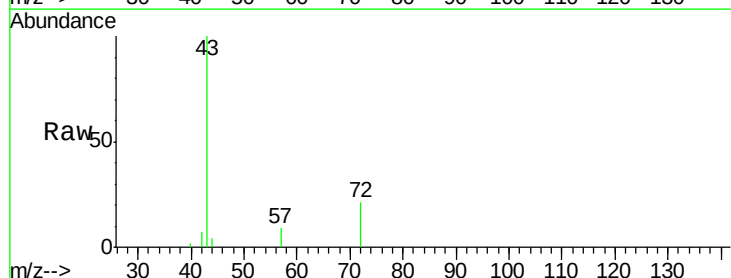
Tgt Ion: 42 Resp: 1794

Ion Ratio Lower Upper

42 100

72 430.4 37.0 55.6#

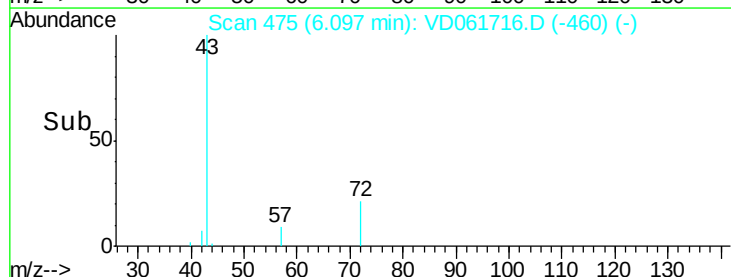
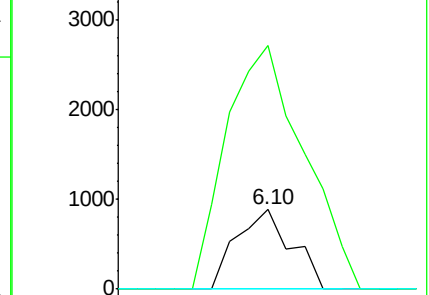
71 0.0 36.5 54.7#

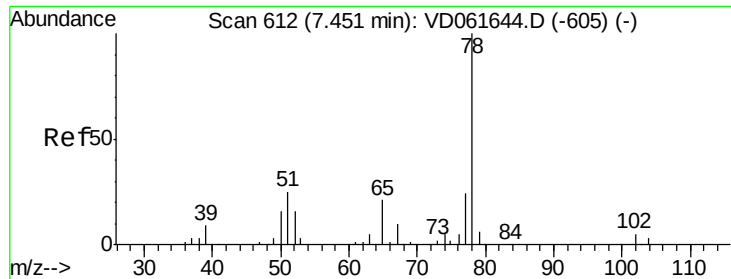


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

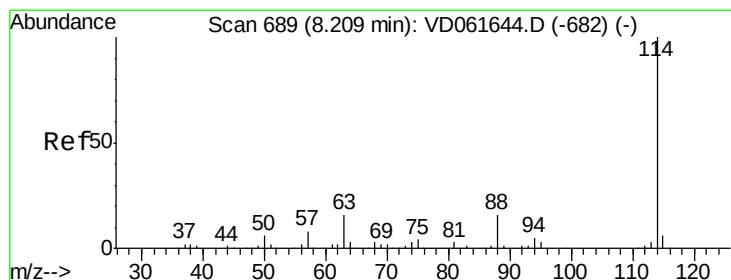
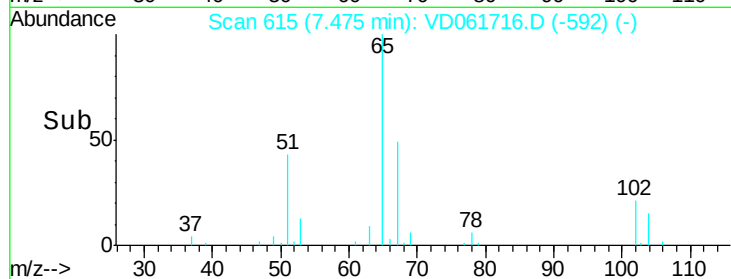
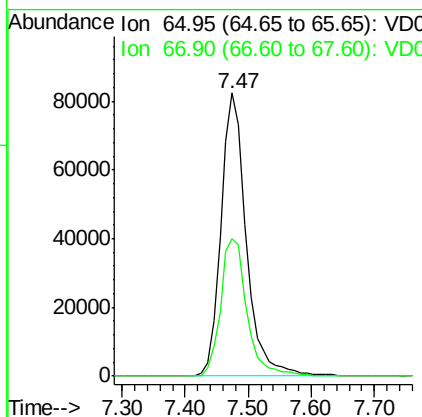
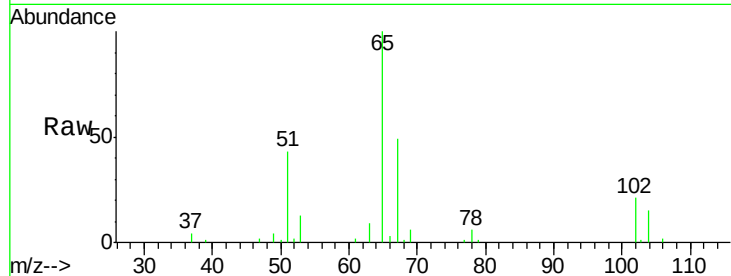




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.02 min
 Lab File: VD061716.D
 Acq: 10 Apr 2019 16:41

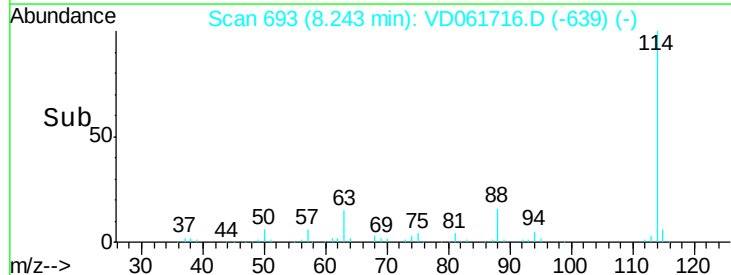
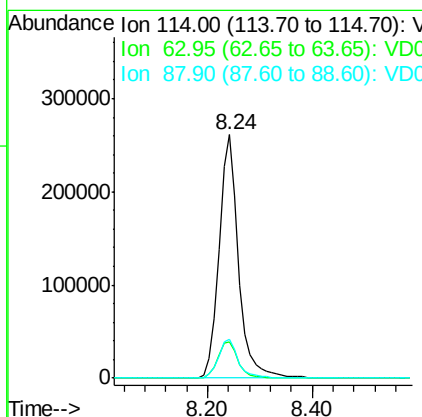
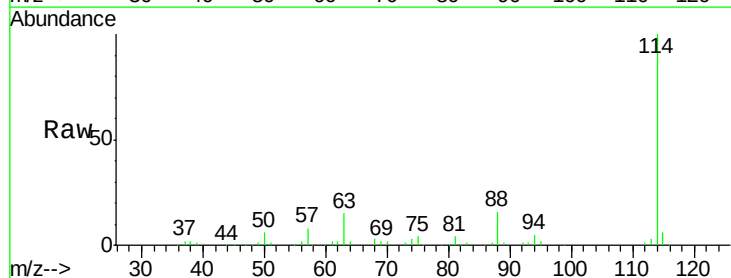
Instrument :
 MSVOA_D
 ClientSampled :

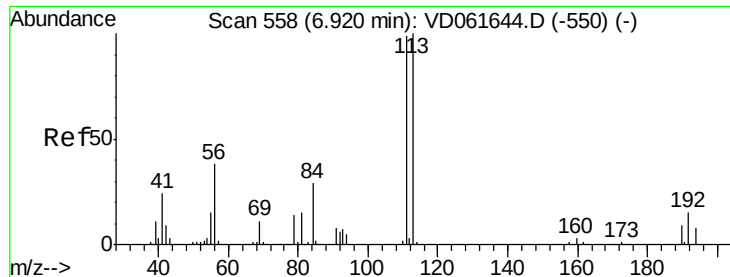
Tot Ion: 65 Resp: 229020
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061716.D
 Acq: 10 Apr 2019 16:41

Tgt Ion: 114 Resp: 672070
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 31.2
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

ClientSampleId :

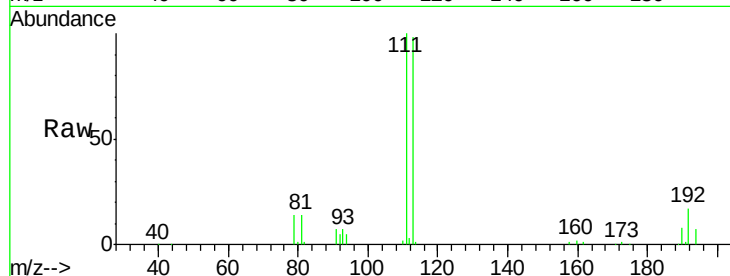
Tot Ion:113 Resp: 339434

Ion Ratio Lower Upper

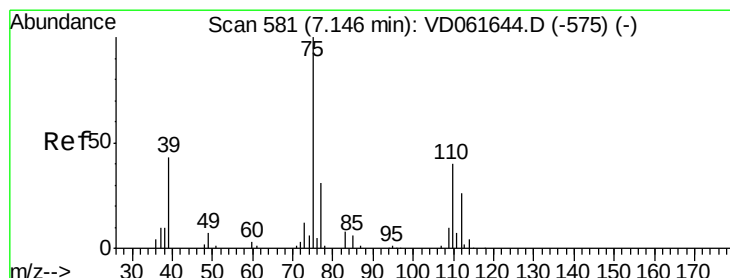
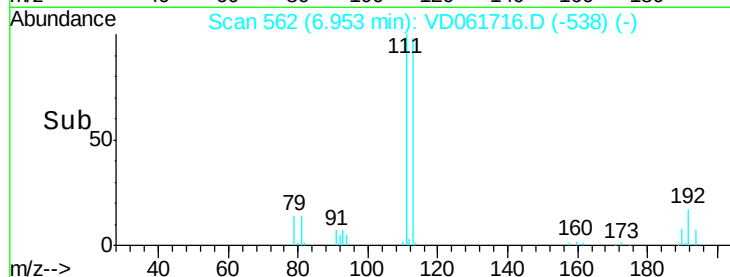
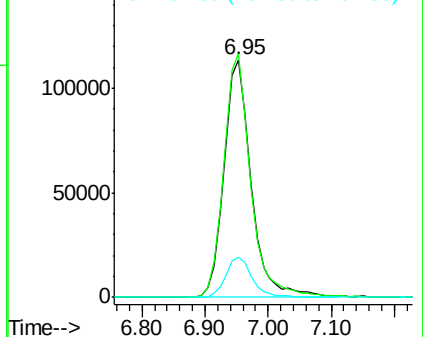
113 100

111 102.4 79.3 118.9

192 16.9 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



#36

1,1-Dichloropropene

Concen: 4.940 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.07 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

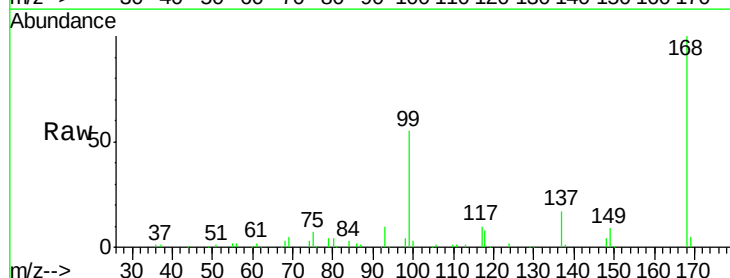
Tgt Ion: 75 Resp: 29058

Ion Ratio Lower Upper

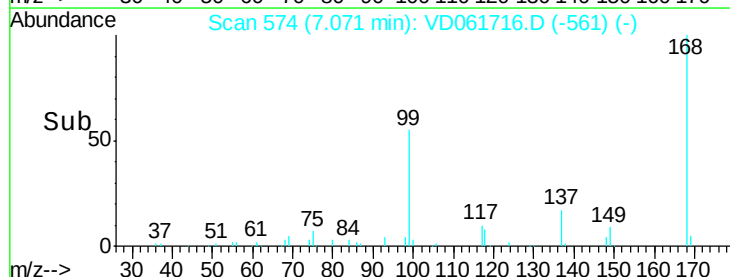
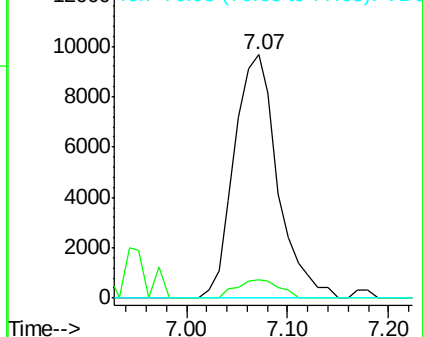
75 100

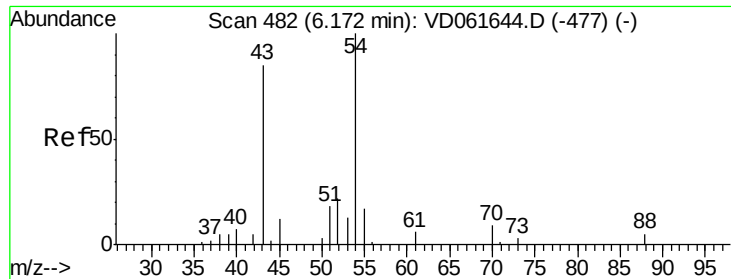
110 7.5 19.7 59.0#

77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

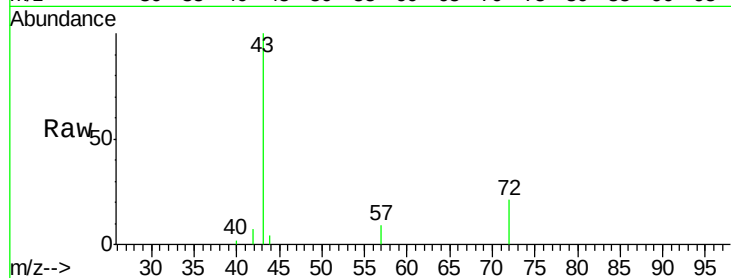




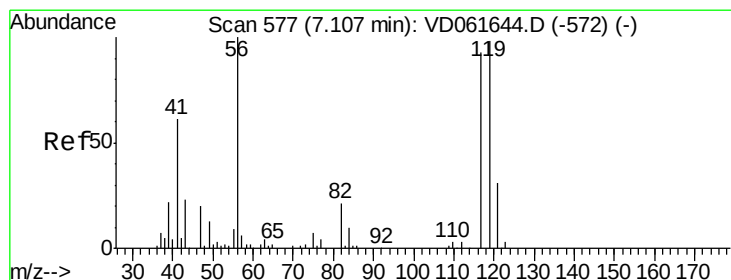
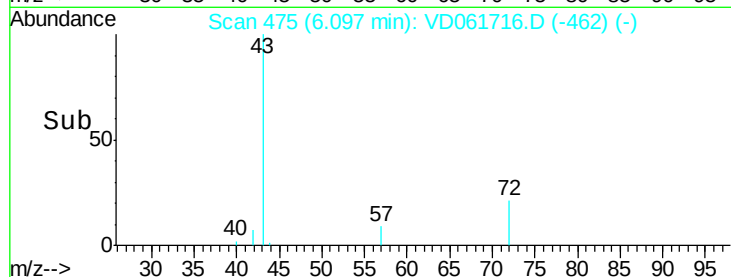
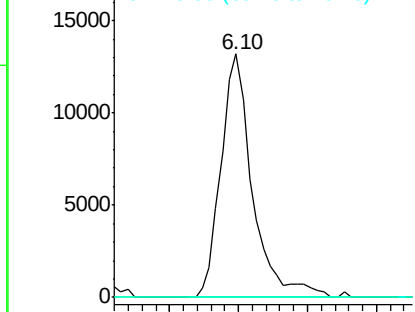
#37
Ethyl Acetate
Concen: 17.410 ug/l
RT: 6.10 min Scan# 475
Delta R.T. -0.07 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 41709
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 6.9 10.3#

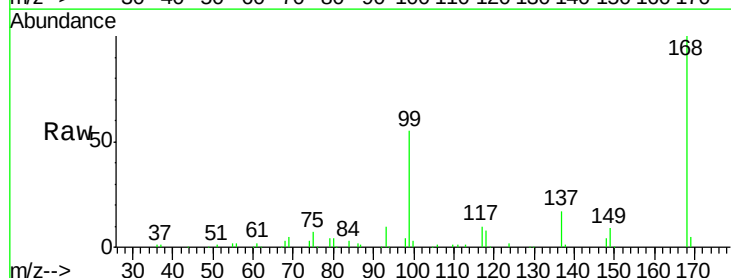


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

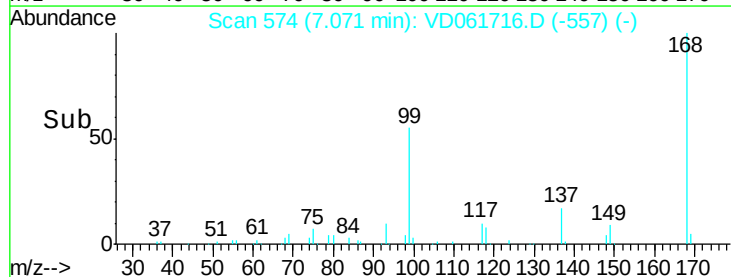
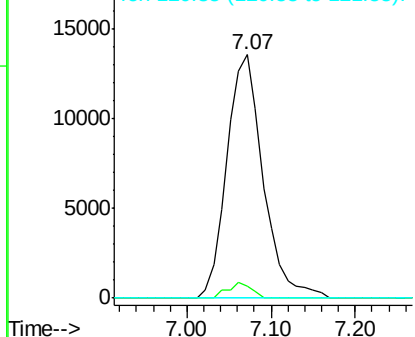


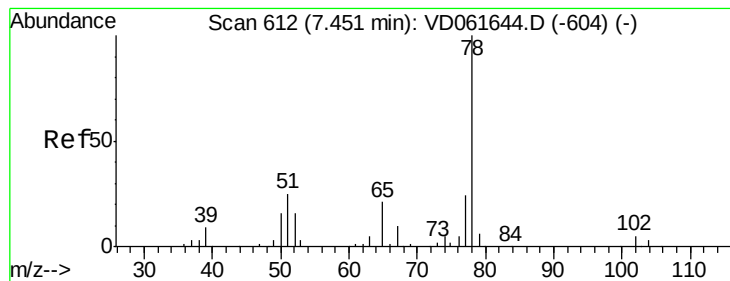
#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 7.07 min Scan# 574
Delta R.T. -0.04 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Tgt Ion: 117 Resp: 40625
Ion Ratio Lower Upper
117 100
119 5.0 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: 1.009 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

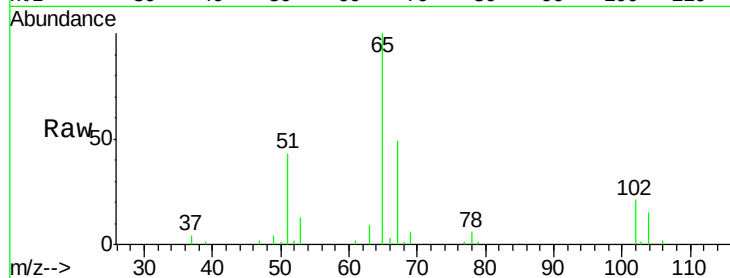
ClientSampleId :

Tot Ion: 78 Resp: 14311

Ion Ratio Lower Upper

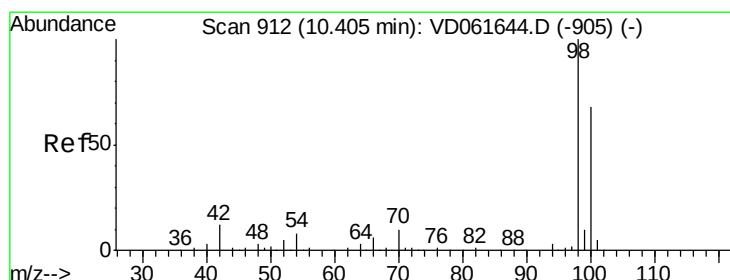
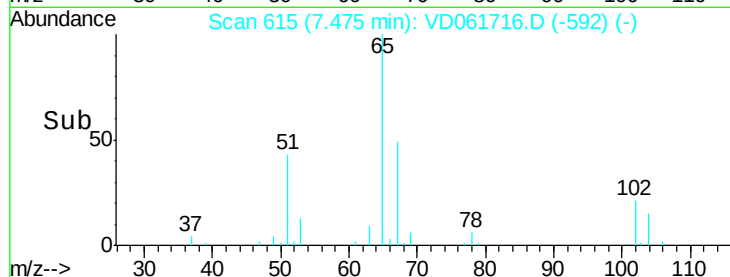
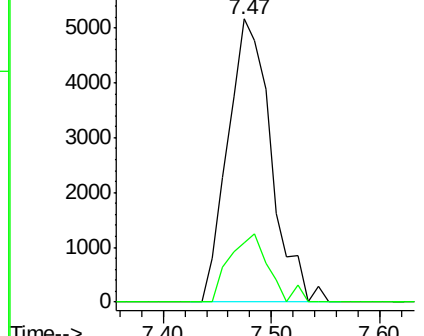
78 100

77 20.8 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: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD061716.D

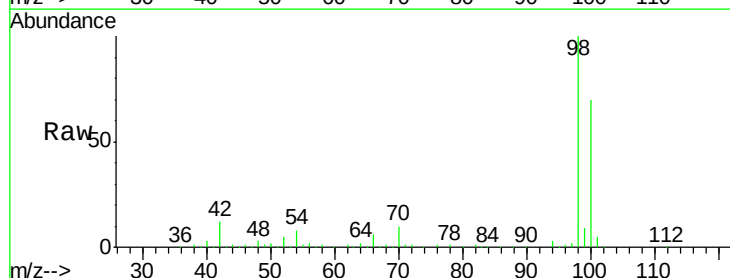
Acq: 10 Apr 2019 16:41

Tgt Ion: 98 Resp: 725723

Ion Ratio Lower Upper

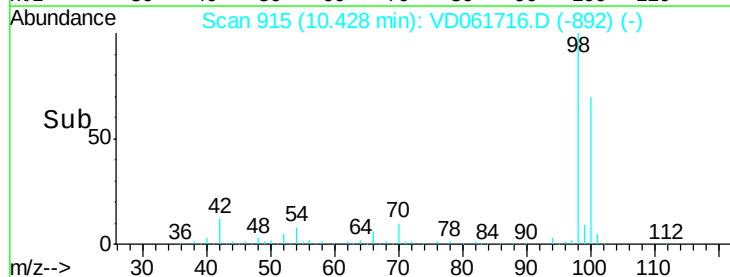
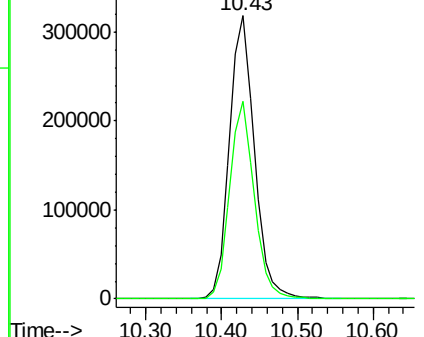
98 100

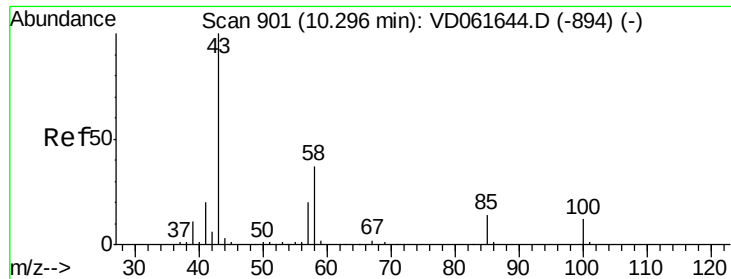
100 70.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 7.796 ug/l

RT: 10.37 min Scan# 909

Delta R.T. 0.07 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

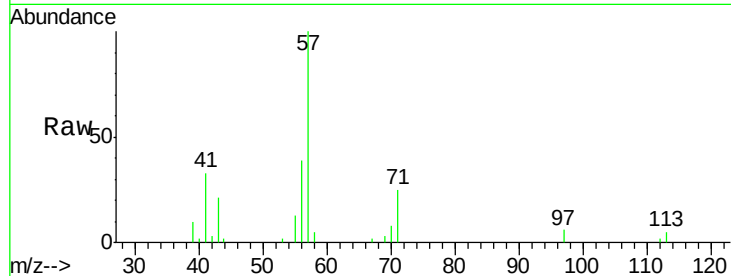
ClientSampled :

Tot Ion: 43 Resp: 16031

Ion Ratio Lower Upper

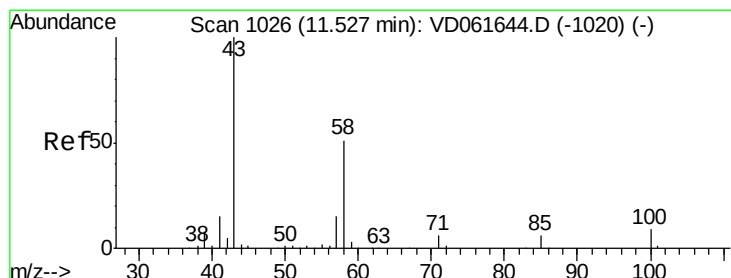
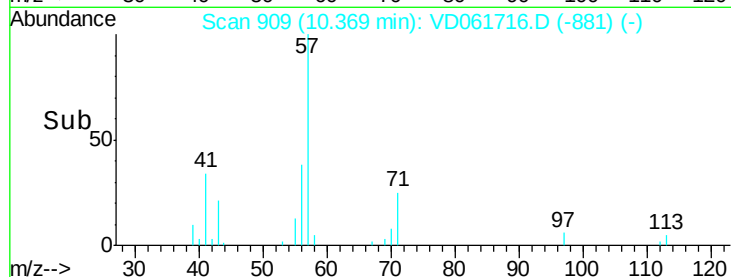
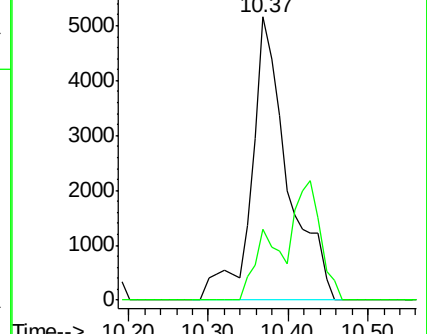
43 100

58 24.9 29.8 44.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#59

2-Hexanone

Concen: 3.757 ug/l

RT: 11.50 min Scan# 1024

Delta R.T. -0.03 min

Lab File: VD061716.D

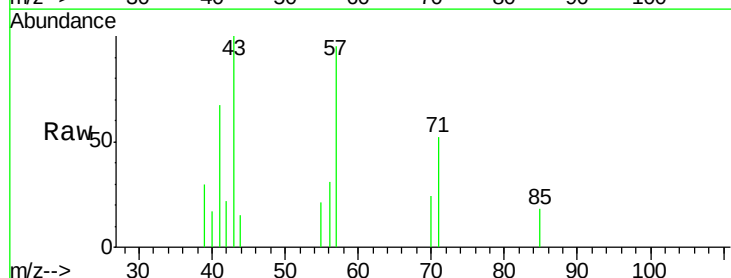
Acq: 10 Apr 2019 16:41

Tgt Ion: 43 Resp: 5996

Ion Ratio Lower Upper

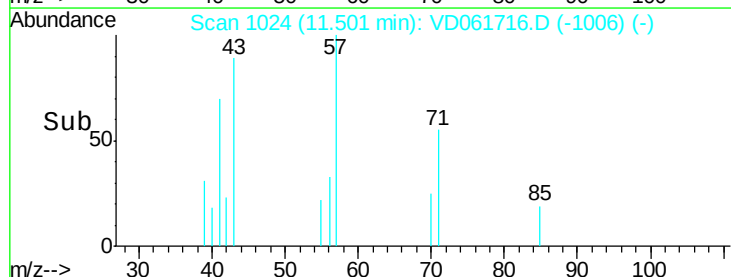
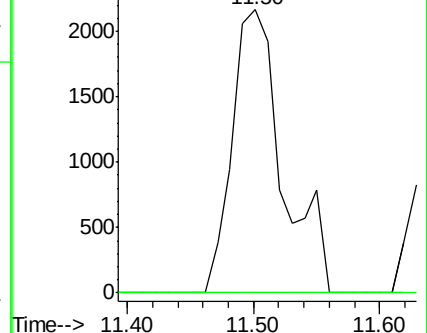
43 100

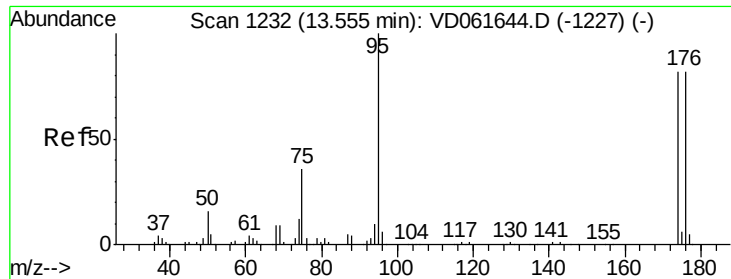
58 0.0 25.6 76.8#



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: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

ClientSampleId :

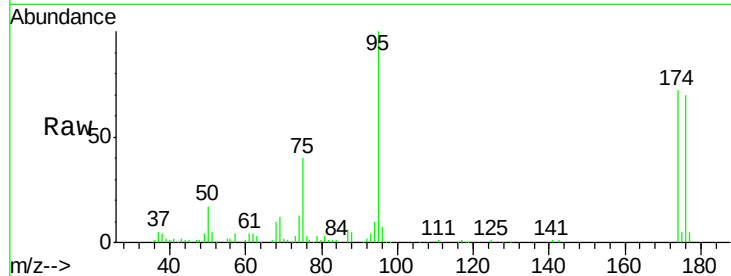
Tot Ion: 95 Resp: 184755

Ion Ratio Lower Upper

95 100

174 72.1 0.0 164.6

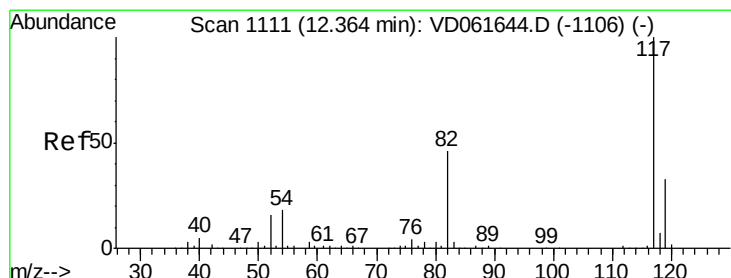
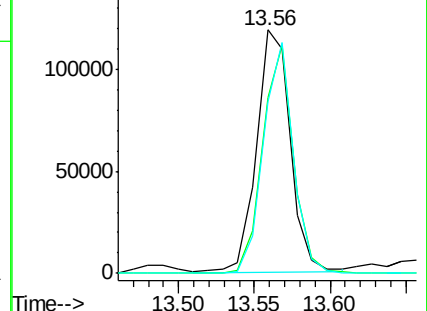
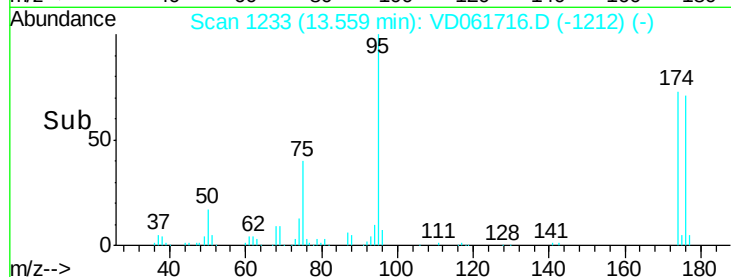
176 70.4 0.0 165.0



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: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

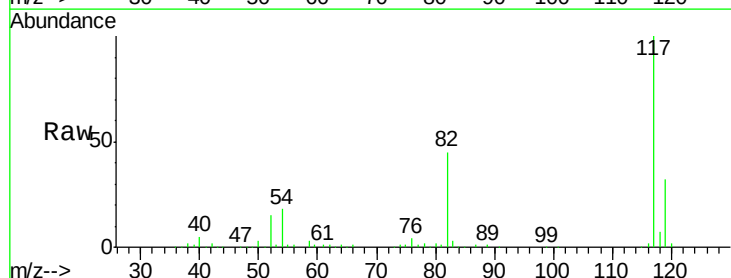
Tgt Ion: 117 Resp: 449448

Ion Ratio Lower Upper

117 100

82 45.0 36.8 55.2

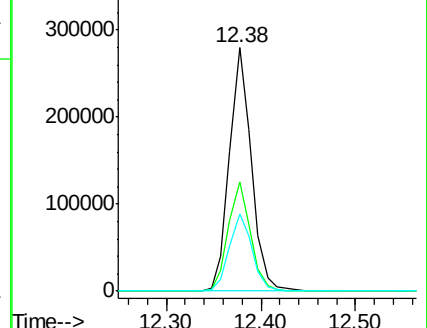
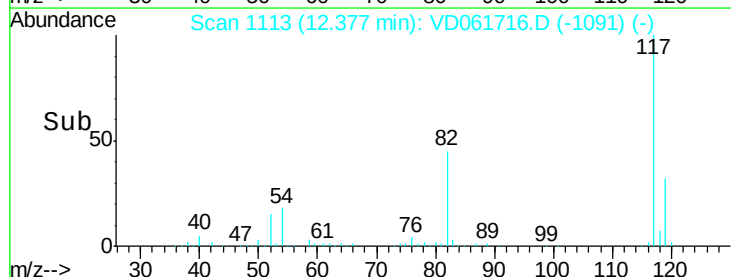
119 31.6 26.1 39.1

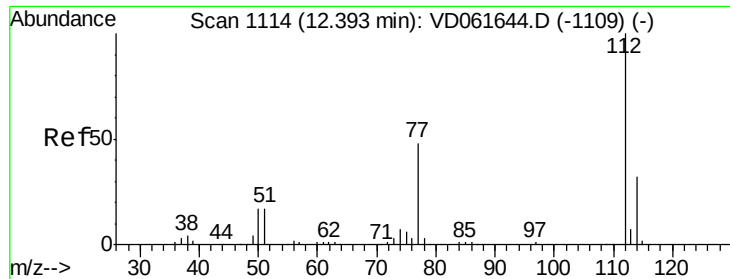


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

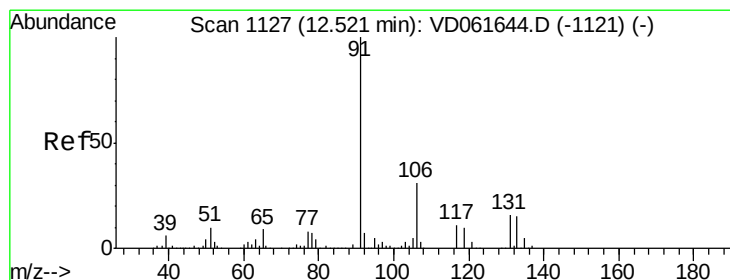
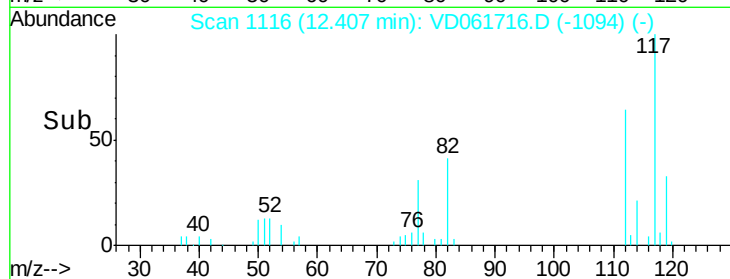
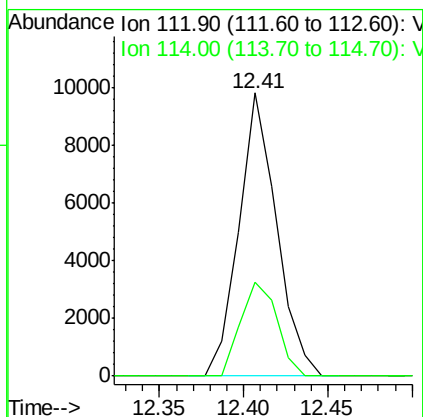
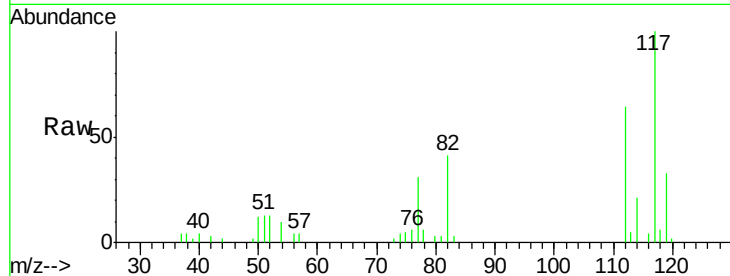




#65
Chlorobenzene
Concen: 1.710 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.01 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

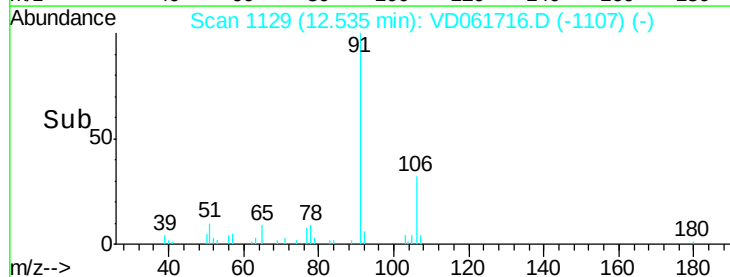
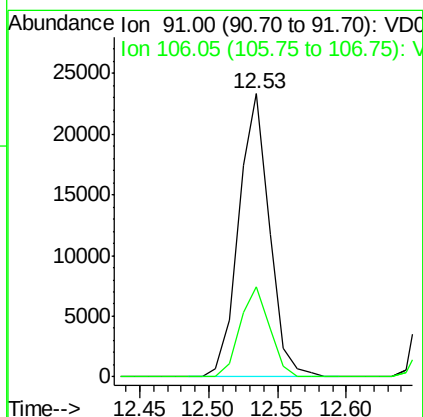
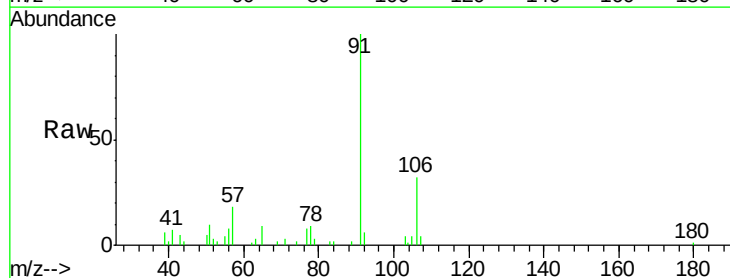
Instrument :
MSVOA_D
ClientSampled :

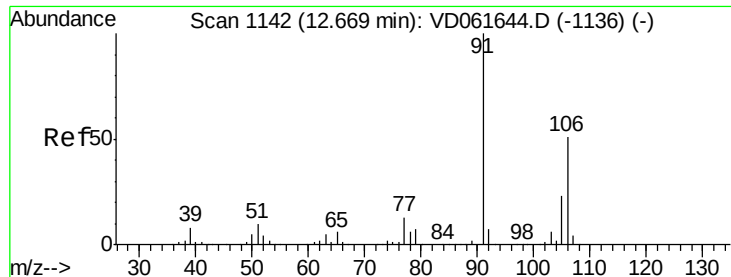
Tot Ion:112 Resp: 15245
Ion Ratio Lower Upper
112 100
114 33.1 25.6 38.4



#67
Ethyl Benzene
Concen: 2.659 ug/l
RT: 12.53 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Tgt Ion: 91 Resp: 36089
Ion Ratio Lower Upper
91 100
106 31.9 24.6 37.0

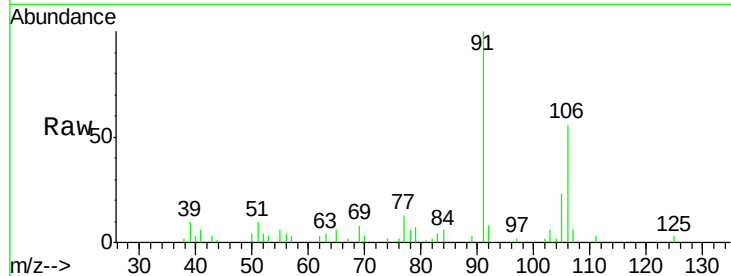




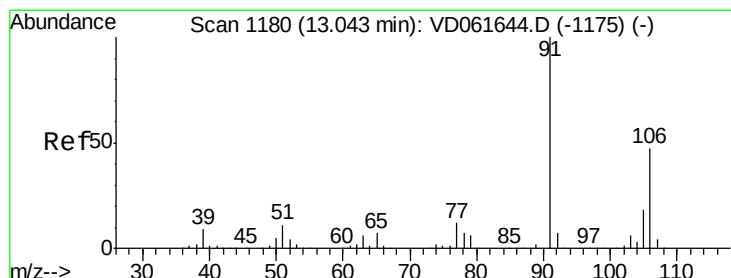
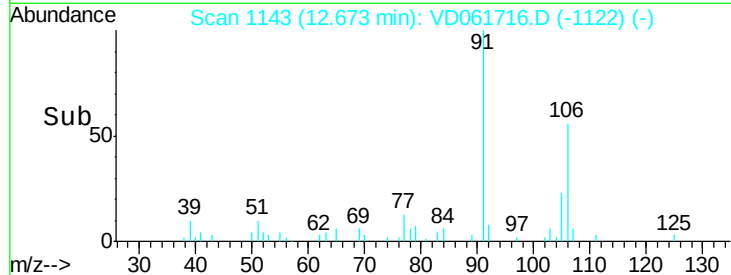
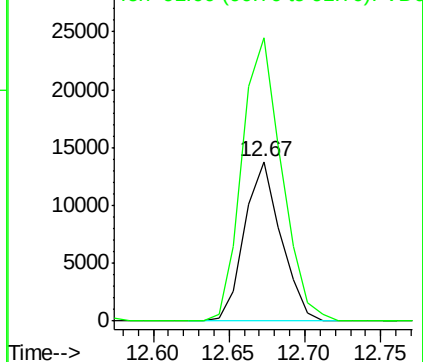
#68
m/p-Xylenes
Concen: 4.428 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 23168
Ion Ratio Lower Upper
106 100
91 177.6 156.7 235.1

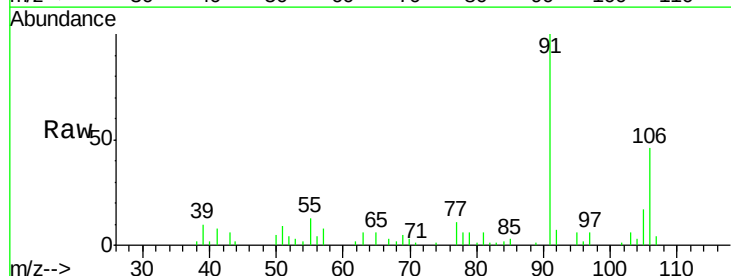


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

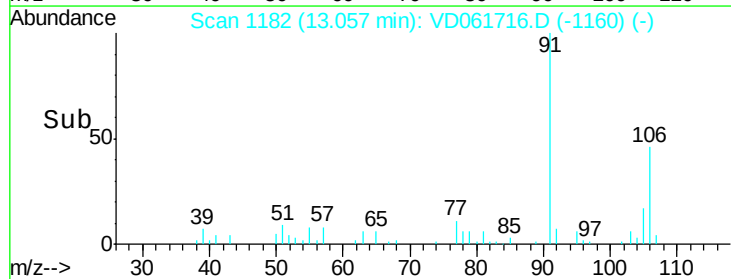
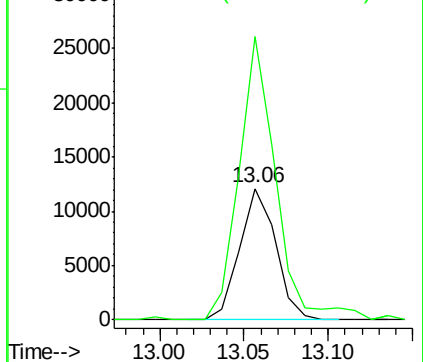


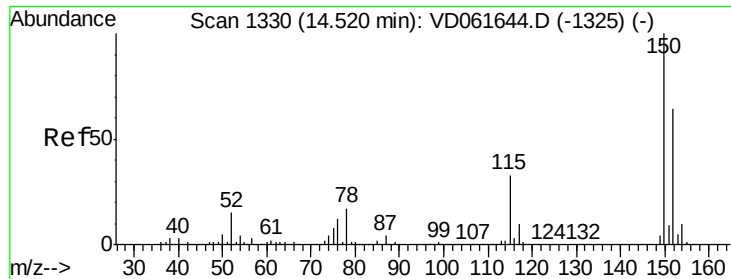
#69
o-Xylene
Concen: 3.541 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Tgt Ion:106 Resp: 17885
Ion Ratio Lower Upper
106 100
91 215.7 107.3 321.9



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



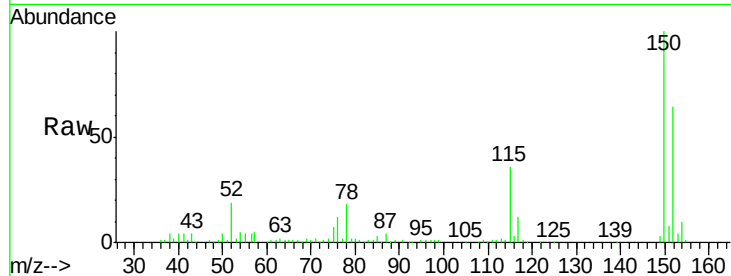


#72

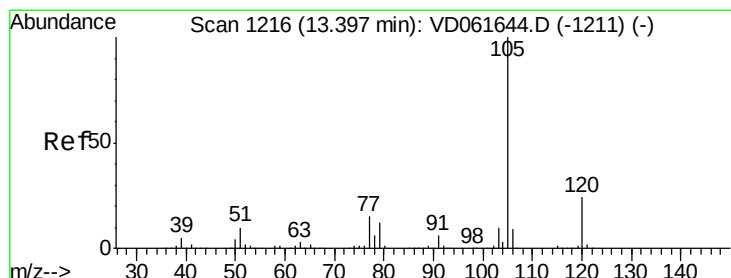
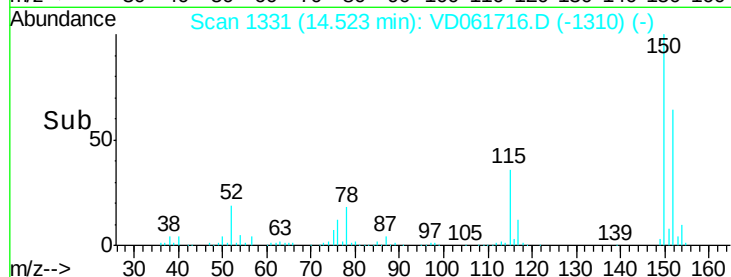
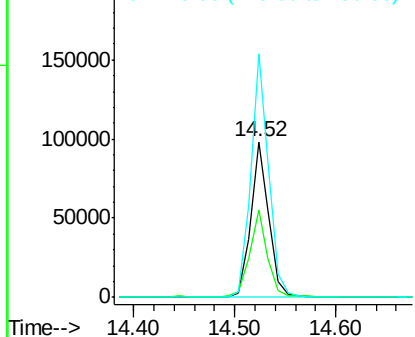
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 122475
Ion Ratio Lower Upper
152 100
115 55.8 26.4 79.2
150 156.2 0.0 320.6



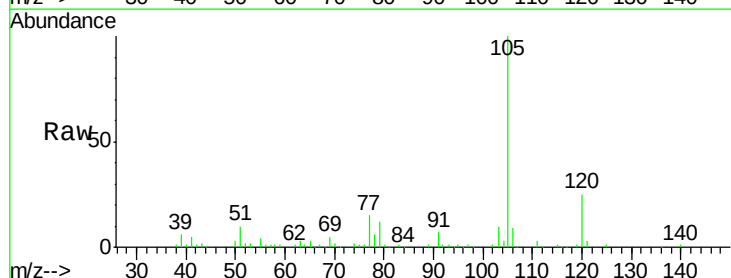
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



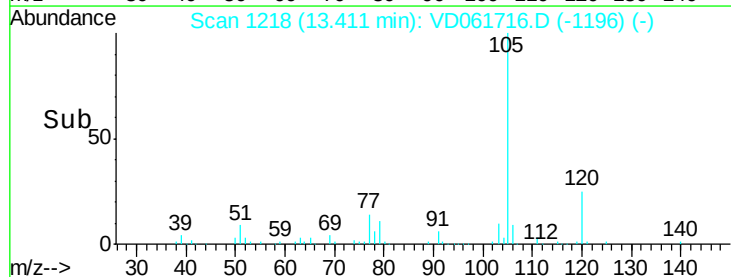
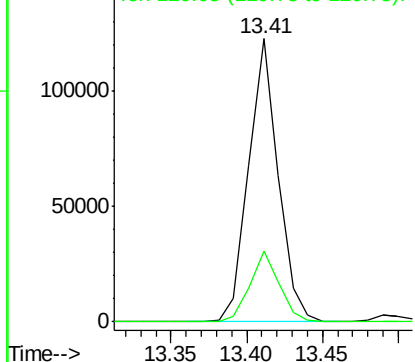
#73

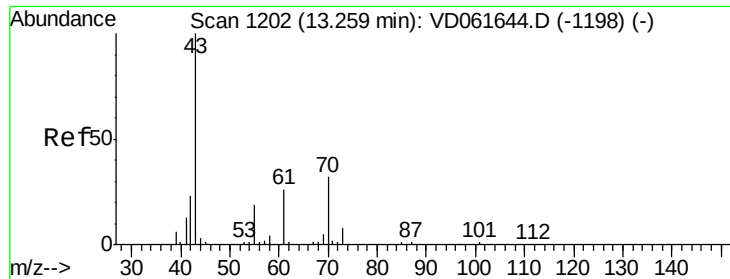
Isopropylbenzene
Concen: 20.487 ug/l
RT: 13.41 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Tgt Ion:105 Resp: 167185
Ion Ratio Lower Upper
105 100
120 24.9 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

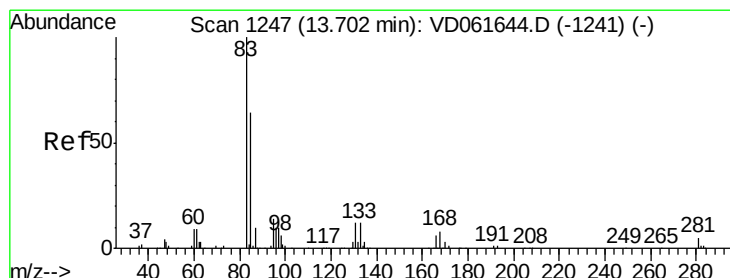
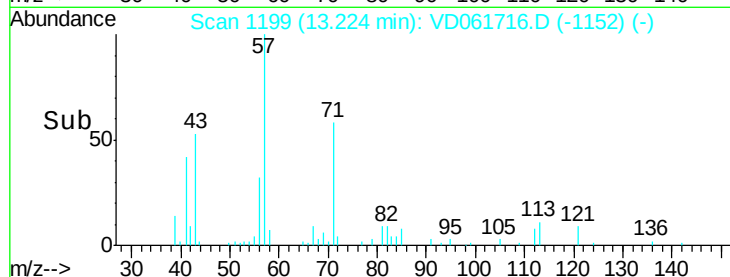
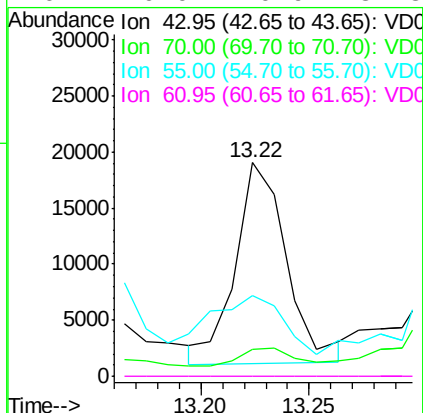
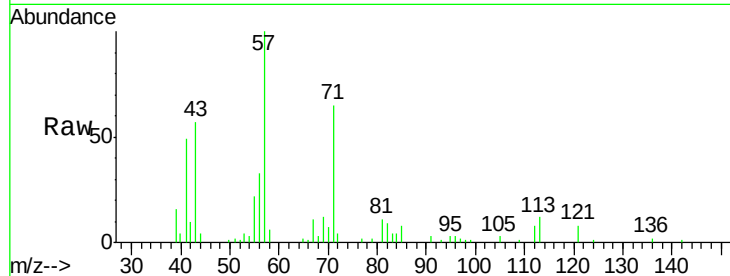




#74
N-amvl acetate
Concen: 13.444 ug/l
RT: 13.22 min Scan# 1199
Delta R.T. -0.04 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

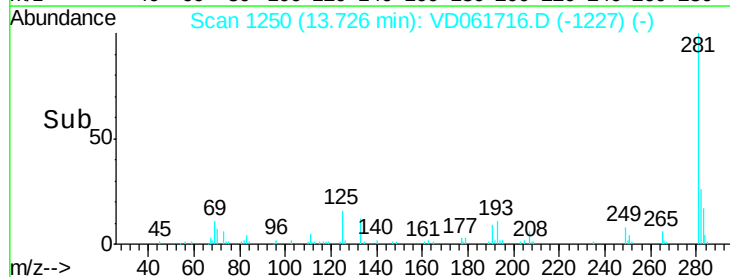
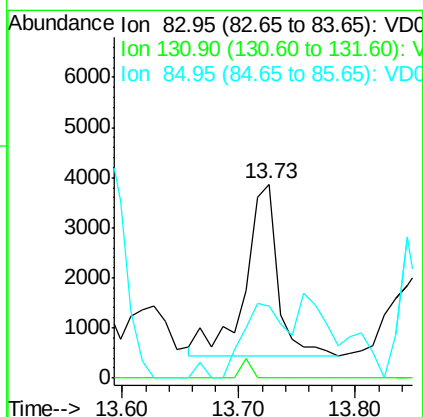
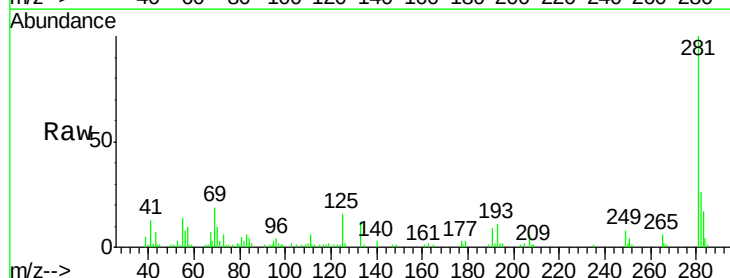
Instrument :
MSVOA_D
ClientSampleId :

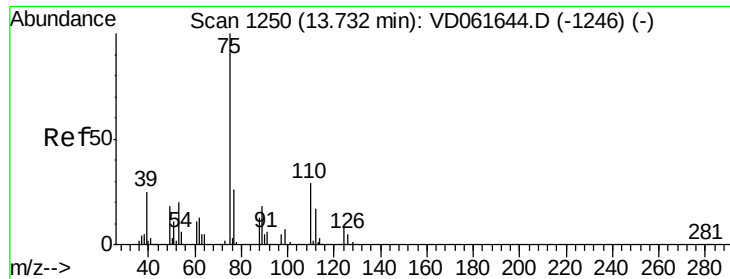
Tot Ion: 43 Resp: 29810
Ion Ratio Lower Upper
43 100
70 12.6 25.4 38.2#
55 37.9 15.0 22.4#
61 0.0 20.9 31.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.950 ug/l
RT: 13.73 min Scan# 1250
Delta R.T. 0.02 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Tgt Ion: 83 Resp: 6665
Ion Ratio Lower Upper
83 100
131 0.0 5.9 17.6#
85 37.0 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 3.148 ug/l

RT: 13.84 min Scan# 1262

Delta R.T. 0.11 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

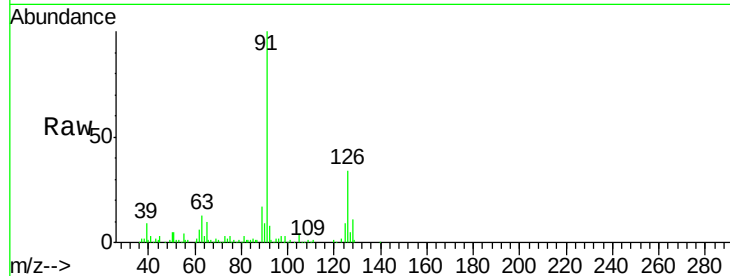
ClientSampled :

Tot Ion: 75 Resp: 5245

Ion Ratio Lower Upper

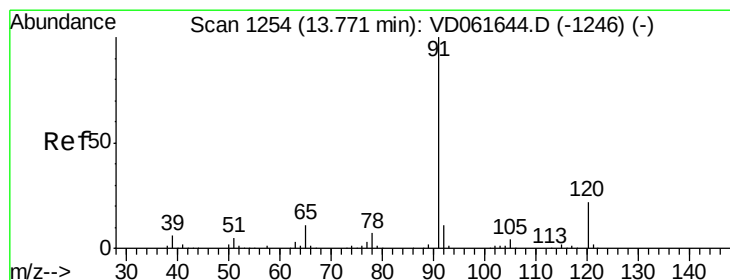
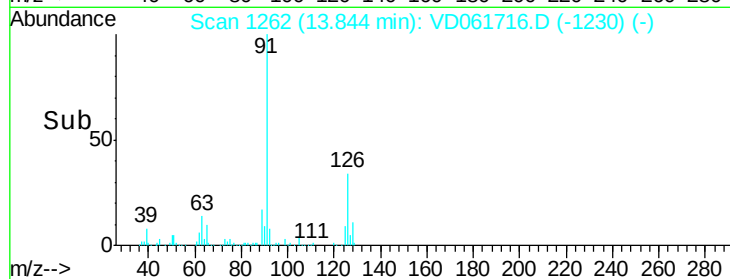
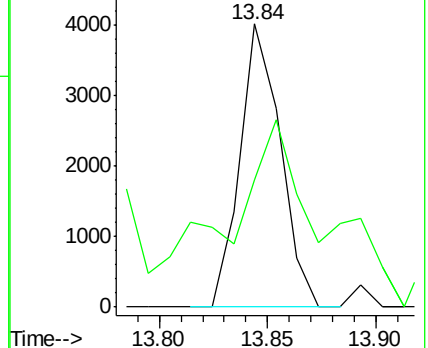
75 100

77 45.1 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: 1.880 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD061716.D

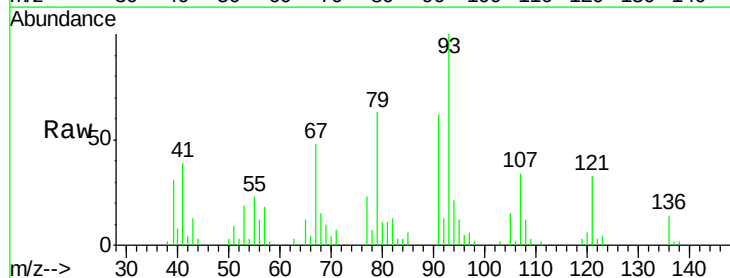
Acq: 10 Apr 2019 16:41

Tgt Ion: 91 Resp: 18350

Ion Ratio Lower Upper

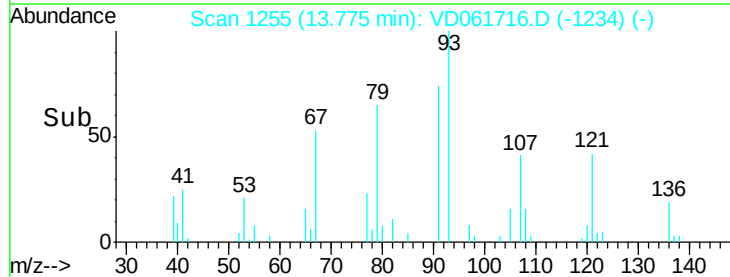
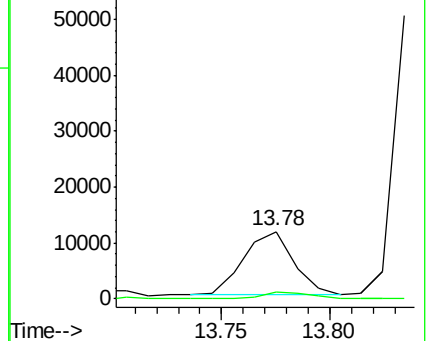
91 100

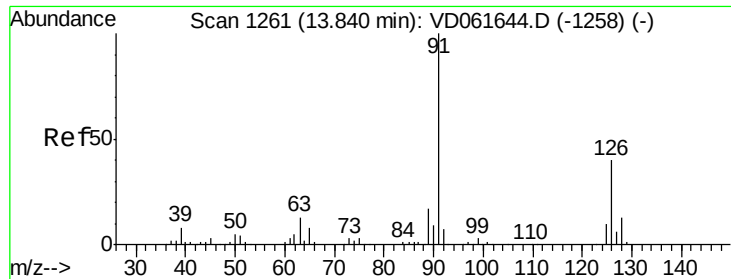
120 10.2 10.8 32.4#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC

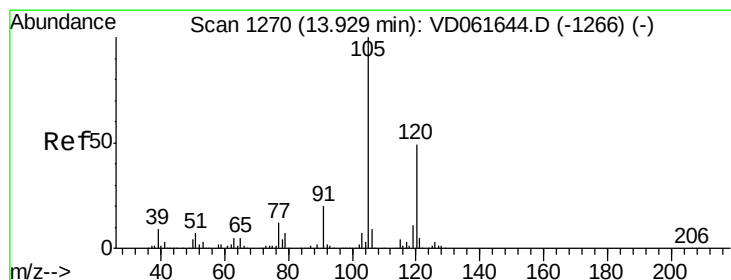
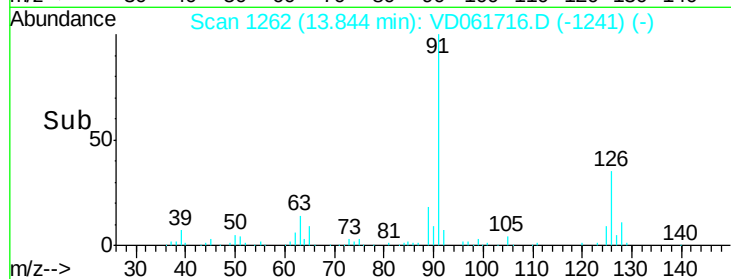
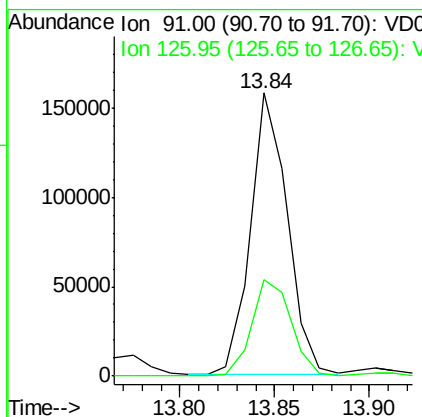
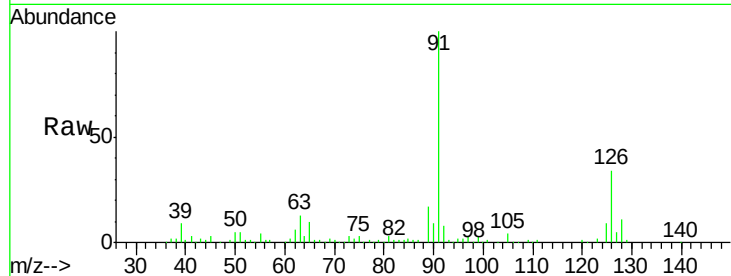




#79
2-Chlorotoluene
Concen: 38.250 ug/l
RT: 13.84 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

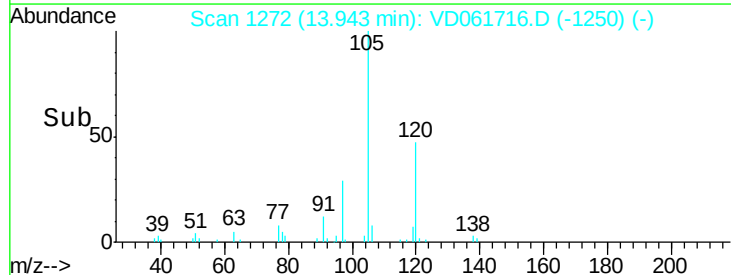
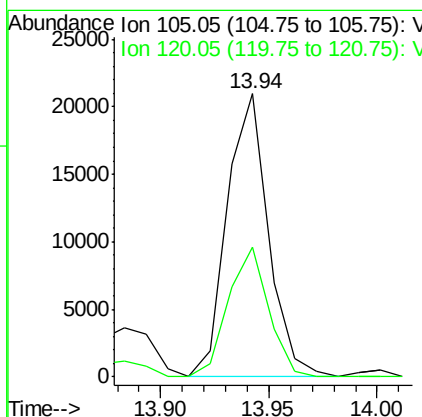
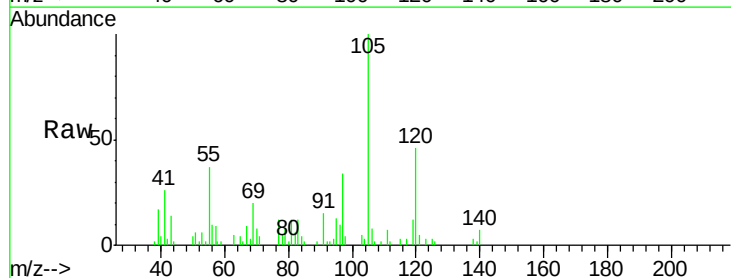
Instrument :
MSVOA_D
ClientSampleId :

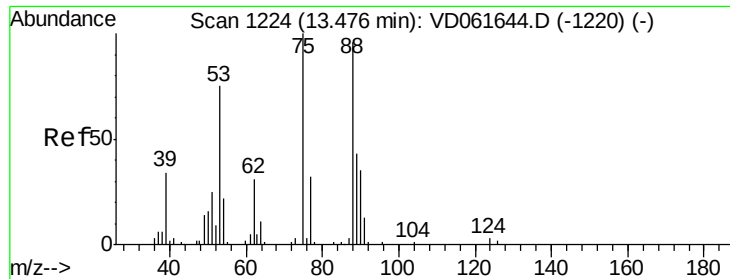
Tot Ion: 91 Resp: 213526
Ion Ratio Lower Upper
91 100
126 34.1 20.0 59.9



#80
1,3,5-Trimethylbenzene
Concen: 4.330 ug/l
RT: 13.94 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VD061716.D
Acq: 10 Apr 2019 16:41

Tgt Ion:105 Resp: 28043
Ion Ratio Lower Upper
105 100
120 46.0 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 139.377 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

ClientSampleId :

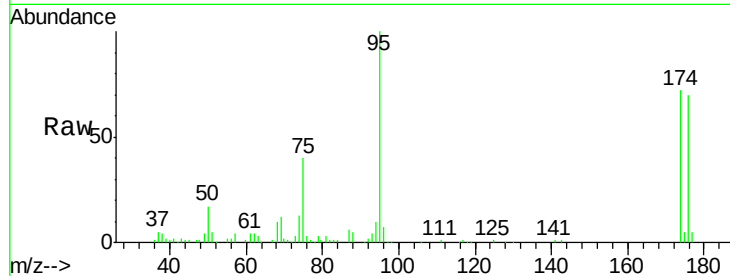
Tot Ion: 75 Resp: 70474

Ion Ratio Lower Upper

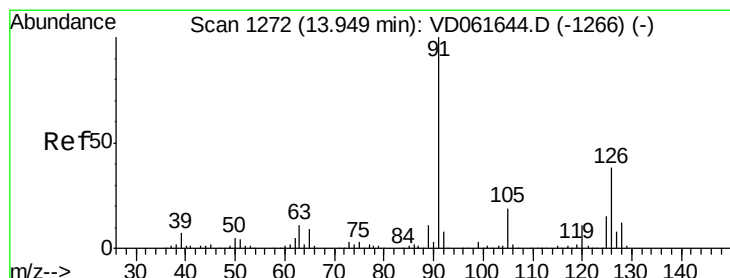
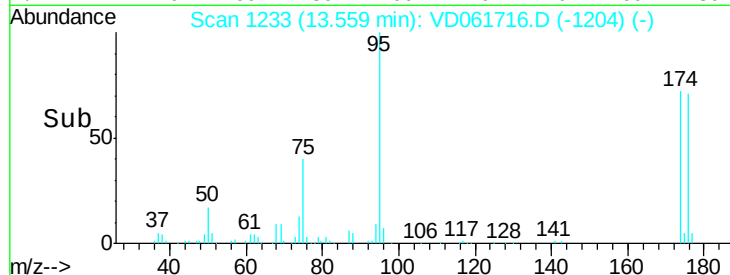
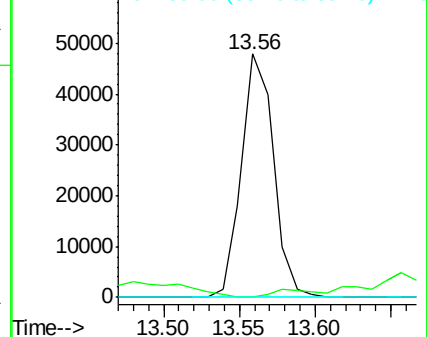
75 100

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



#82

4-Chlorotoluene

Concen: 34.827 ug/l

RT: 13.84 min Scan# 1262

Delta R.T. -0.10 min

Lab File: VD061716.D

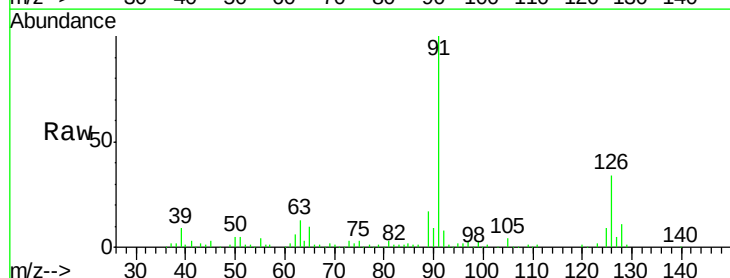
Acq: 10 Apr 2019 16:41

Tgt Ion: 91 Resp: 213039

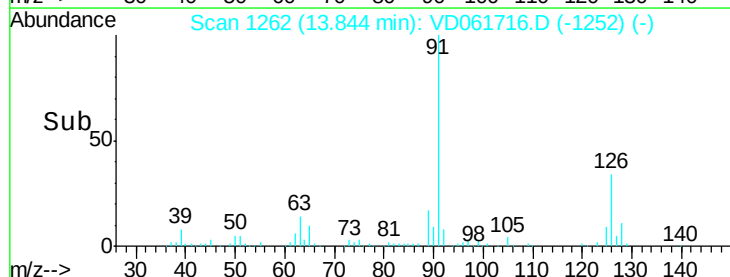
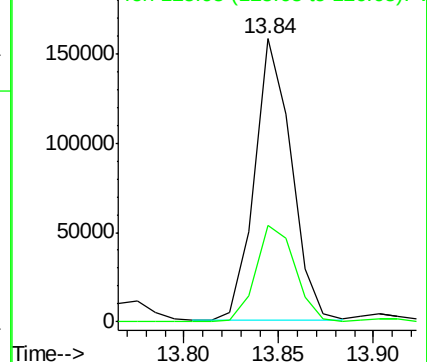
Ion Ratio Lower Upper

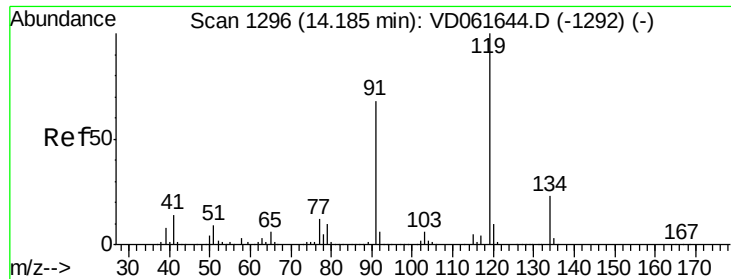
91 100

126 34.1 19.0 57.0



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

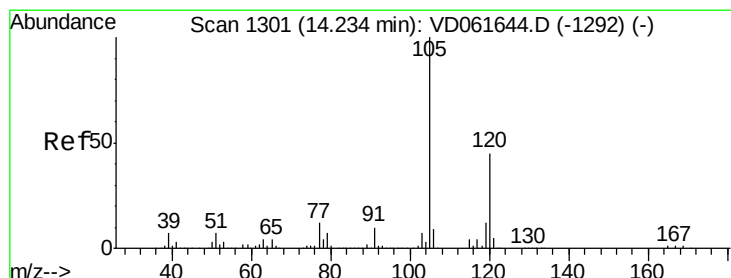
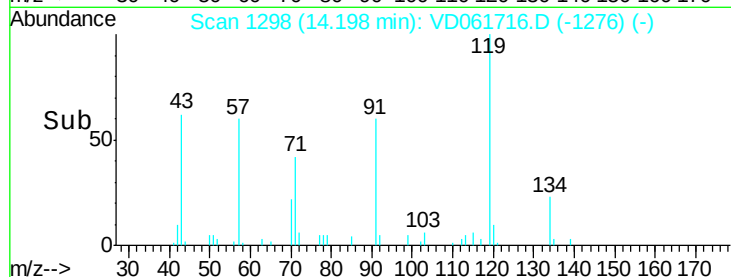
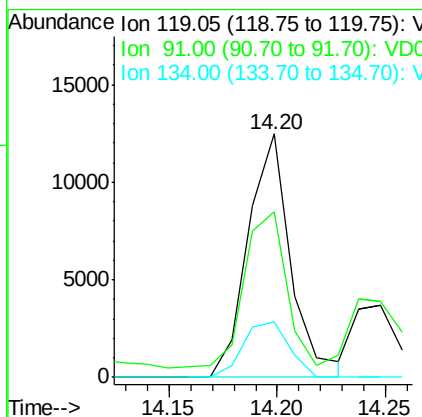
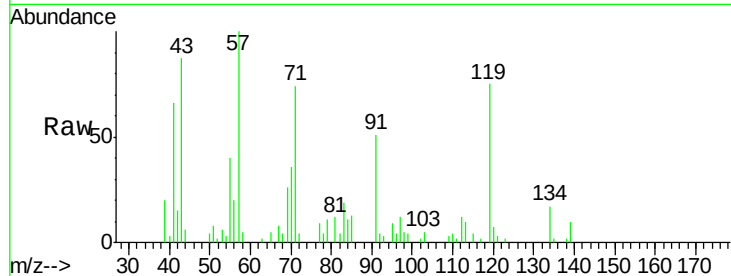




#83
 tert-Butylbenzene
 Concen: 2.211 ug/l
 RT: 14.20 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VD061716.D
 Acq: 10 Apr 2019 16:41

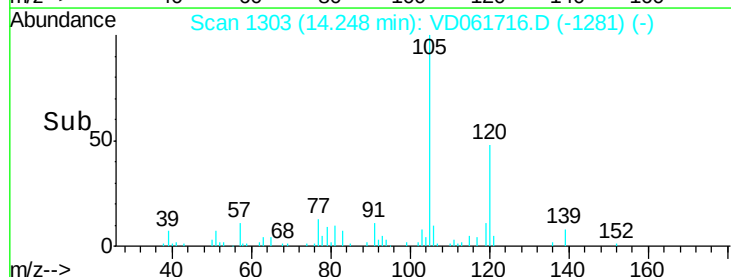
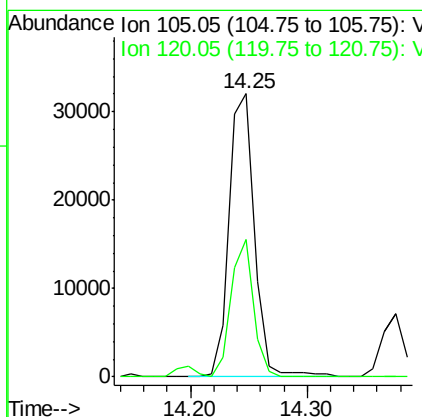
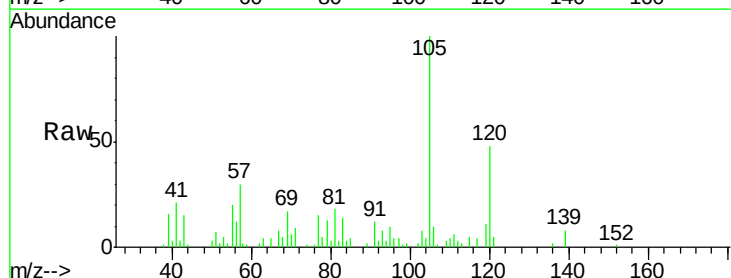
Instrument :
 MSVOA_D
 ClientSampleId :

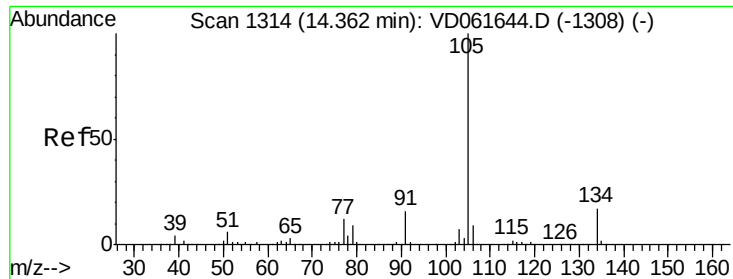
Tot Ion:119 Resp: 17265
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.9 101.6
 134 22.6 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 7.415 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: VD061716.D
 Acq: 10 Apr 2019 16:41

Tgt Ion:105 Resp: 48474
 Ion Ratio Lower Upper
 105 100
 120 48.4 22.6 67.8

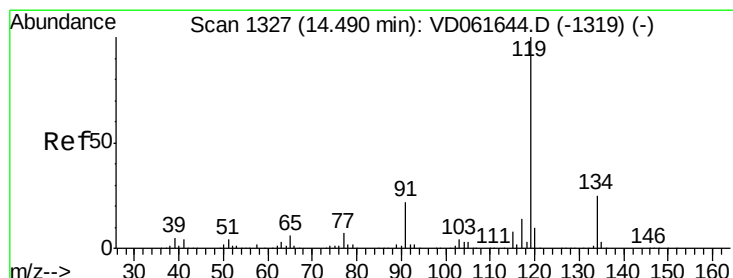
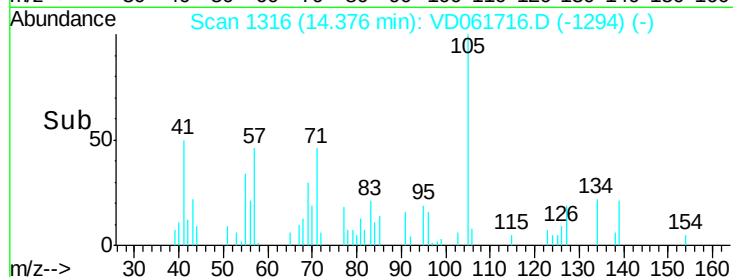
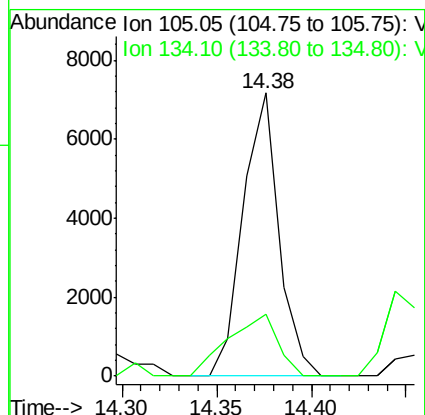
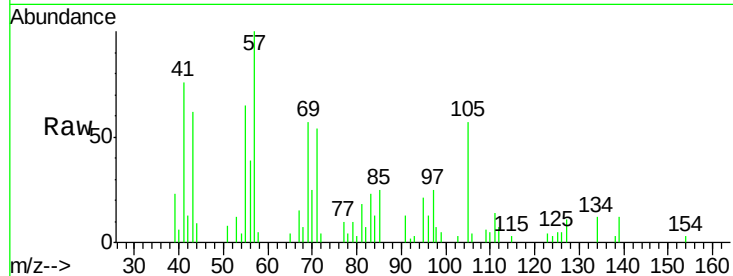




#85
 sec-Butylbenzene
 Concen: 1.115 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD061716.D
 Acq: 10 Apr 2019 16:41

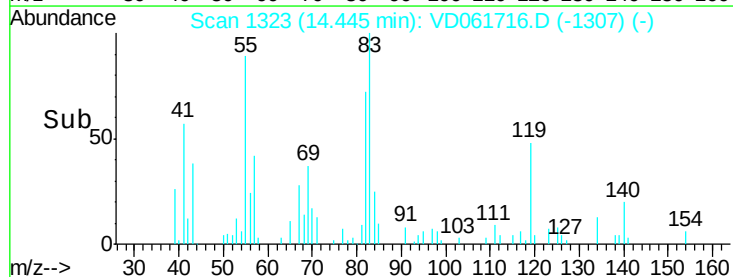
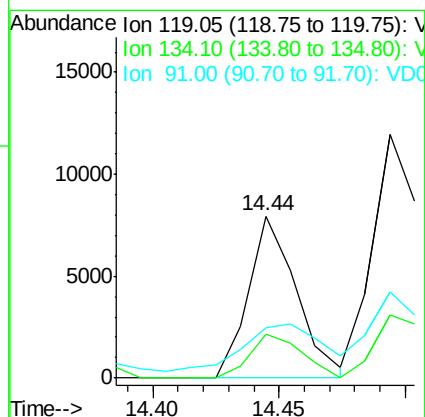
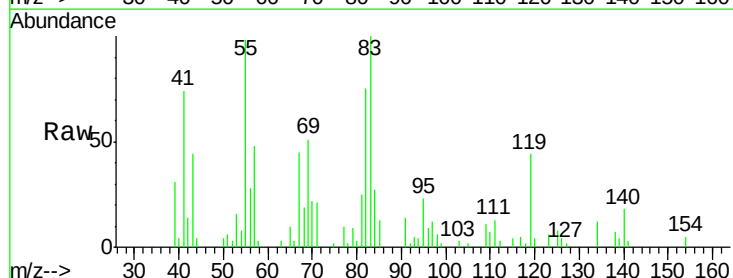
Instrument :
 MSVOA_D
 ClientSampled :

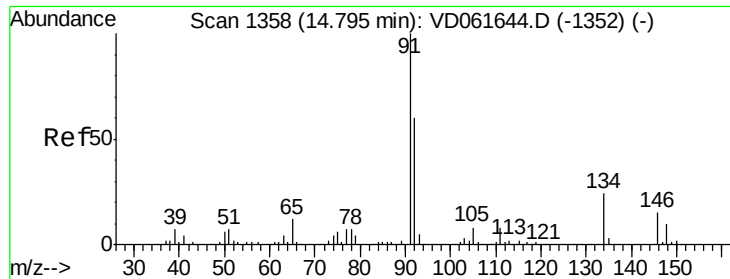
Tot Ion:105 Resp: 9408
 Ion Ratio Lower Upper
 105 100
 134 21.8 8.6 25.7



#86
 p-Isopropyltoluene
 Concen: 1.447 ug/l
 RT: 14.44 min Scan# 1323
 Delta R.T. -0.05 min
 Lab File: VD061716.D
 Acq: 10 Apr 2019 16:41

Tgt Ion:119 Resp: 10591
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.5 37.5
 91 30.7 11.0 33.0





#89

n-Butylbenzene

Concen: 1.494 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

Instrument :

MSVOA_D

ClientSampled :

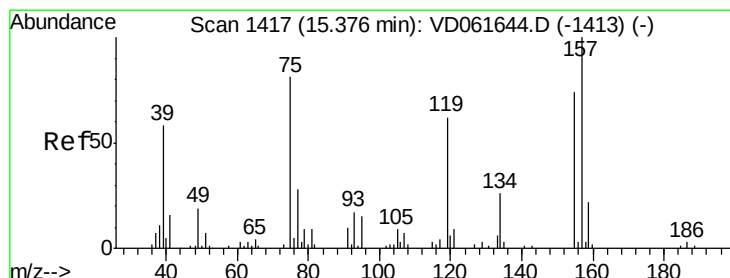
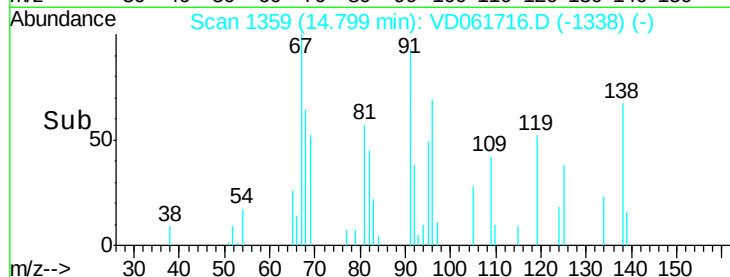
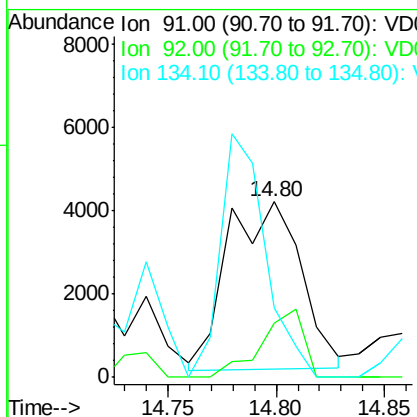
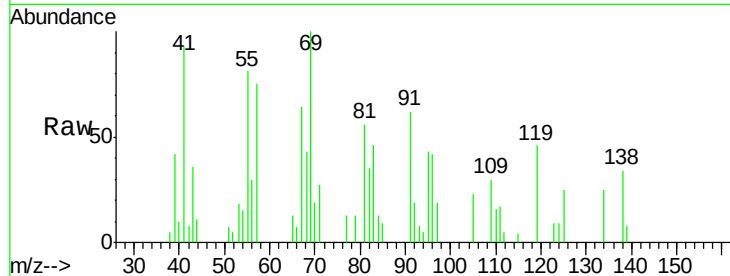
Tot Ion: 91 Resp: 9502

Ion Ratio Lower Upper

91 100

92 31.0 29.8 89.4

134 39.5 12.2 36.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.128 ug/l

RT: 15.34 min Scan# 1414

Delta R.T. -0.03 min

Lab File: VD061716.D

Acq: 10 Apr 2019 16:41

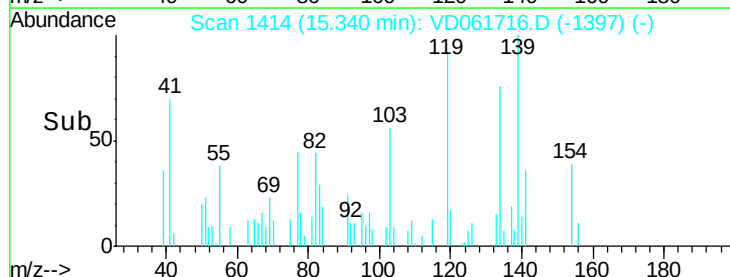
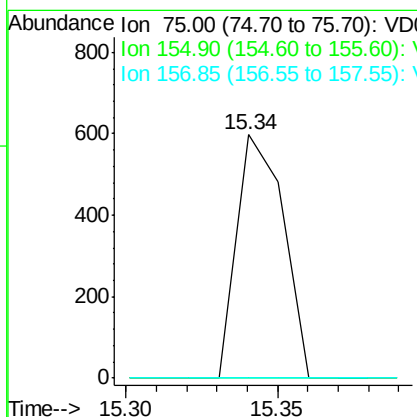
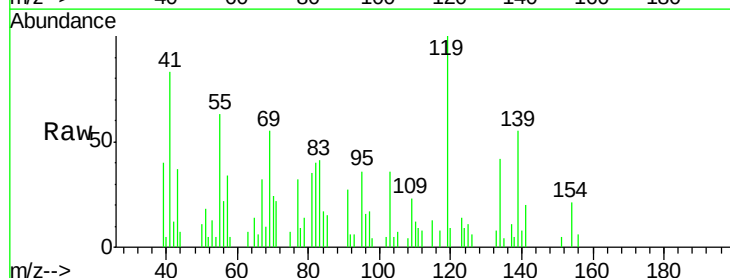
Tgt Ion: 75 Resp: 637

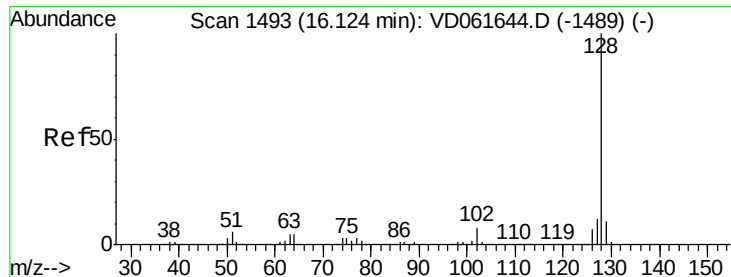
Ion Ratio Lower Upper

75 100

155 0.0 45.6 136.7#

157 0.0 61.4 184.2#

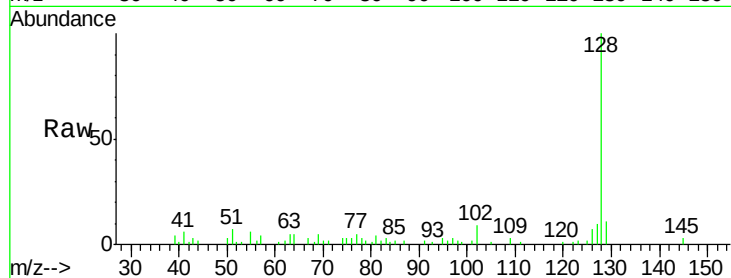




#95
 Naphthalene
 Concen: 15.957 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VD061716.D
 Acq: 10 Apr 2019 16:41

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:128 Resp: 43220
 Ion Ratio Lower Upper
 128 100
 127 10.4 9.4 14.2
 129 11.4 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

