

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
 Data File : VD061183.D
 Acq On : 19 Mar 2019 14:21
 Operator : VA/AP
 Sample : K1970-07
 Misc : 5.85g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-7-WEST-WALL-SOUTH

Quant Time: Mar 19 15:00:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	616267	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1142214	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	824494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	233906	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	259880	50.66	ug/l	-0.01
Spiked Amount			Recovery	=	101.32%	
35) Dibromofluoromethane	6.91	113	435001	51.32	ug/l	-0.01
Spiked Amount			Recovery	=	102.64%	
50) Toluene-d8	10.40	98	1017774	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	13.54	95	313490	37.95	ug/l	-0.01
Spiked Amount			Recovery	=	75.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.98	59	7841	24.010	ug/l #	75
16) Acetone	3.21	43	78254	53.347	ug/l	96
20) Methylene Chloride	3.81	84	59566	4.678	ug/l	93
25) 2-Butanone	6.05	43	10111	6.074	ug/l #	89
29) Tetrahydrofuran	6.45	42	1109	1.227	ug/l #	33
31) Cyclohexane	6.95	56	67666	7.454	ug/l #	83
36) 1,1-Dichloropropene	7.03	75	44780	4.548	ug/l #	46
37) Ethyl Acetate	6.12	43	8244	1.784	ug/l #	1
38) Carbon Tetrachloride	7.03	117	57603	5.311	ug/l #	15
39) Methylcyclohexane	8.85	83	524211	51.347	ug/l	96
43) Isopropyl Acetate	9.28	43	92301	14.424	ug/l #	43
48) Methyl methacrylate	9.14	41	53269	14.785	ug/l #	55
51) 4-Methyl-2-Pentanone	10.38	43	94982	24.228	ug/l #	52
55) 1,1,2-Trichloroethane	11.24	97	34814	6.833	ug/l #	34
56) Ethyl methacrylate	11.09	69	124729	23.389	ug/l #	1
59) 2-Hexanone	11.48	43	1309685	456.703	ug/l #	30
67) Ethyl Benzene	12.52	91	566978	23.562	ug/l	99
68) m/p-Xylenes	12.67	106	33807	3.579	ug/l	98
73) Isopropylbenzene	13.40	105	684271	40.593	ug/l	100
74) N-amyl acetate	13.29	43	1066729	224.737	ug/l #	2
75) 1,1,2,2-Tetrachloroethane	13.72	83	570150	173.355	ug/l #	51
78) n-propylbenzene	13.78	91	1098983	55.688	ug/l	93
79) 2-Chlorotoluene	13.88	91	63177	5.815	ug/l #	55
80) 1,3,5-Trimethylbenzene	14.24	105	207443	16.210	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.40	75	8519	8.587	ug/l #	1
82) 4-Chlorotoluene	13.88	91	60000	4.671	ug/l #	56
83) tert-Butylbenzene	14.19	119	85560	6.109	ug/l	76
84) 1,2,4-Trimethylbenzene	14.24	105	207443	16.210	ug/l	99
85) sec-Butylbenzene	14.37	105	2029263	118.687	ug/l	98
86) p-Isopropyltoluene	14.49	119	198139	14.178	ug/l	91
89) n-Butylbenzene	14.80	91	926093	69.003	ug/l	91
90) Hexachloroethane	15.09	117	679916	172.291	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	15.42	75	2100	5.299	ug/l #	1
95) Naphthalene	16.12	128	6024	1.334	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

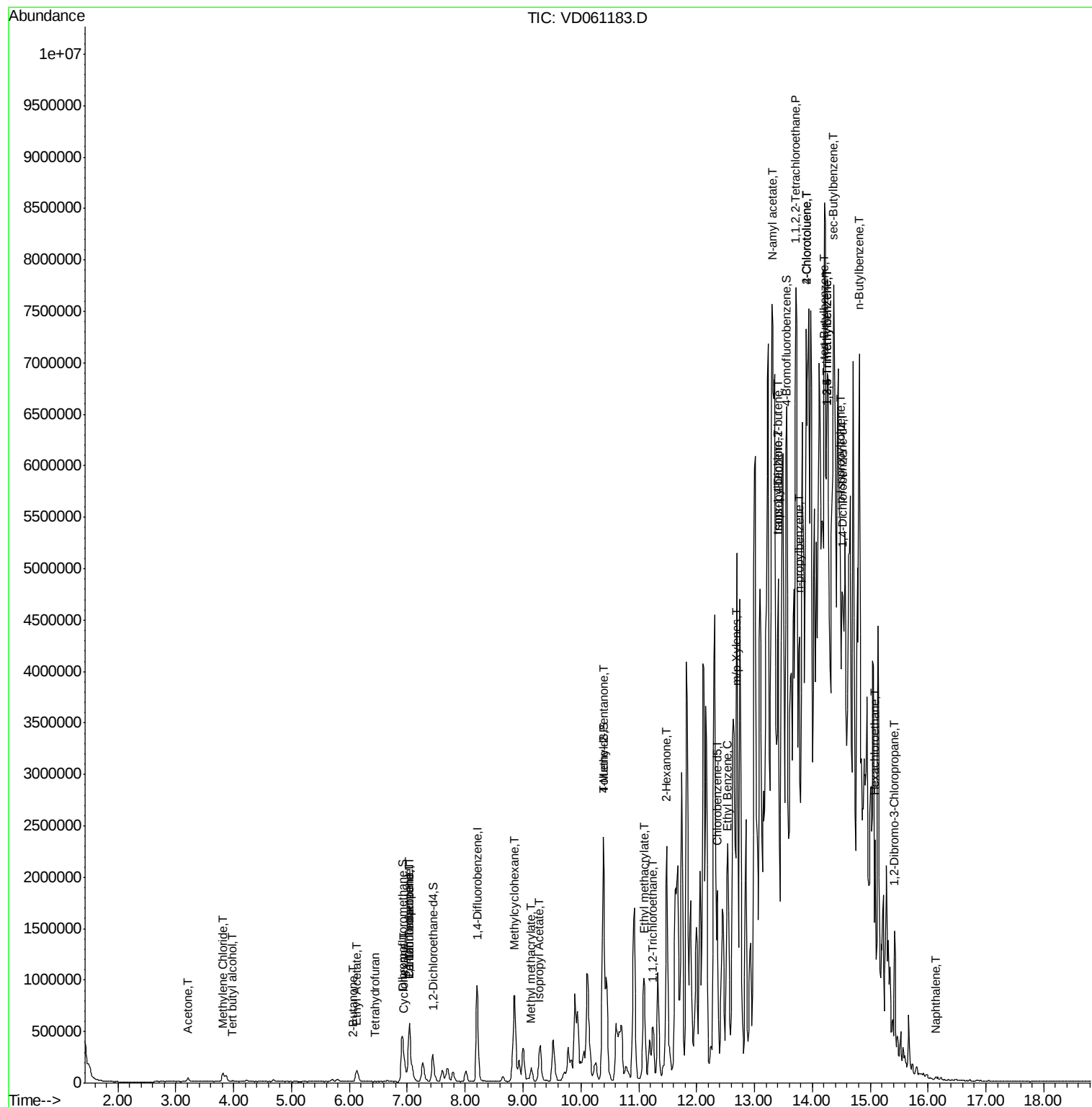
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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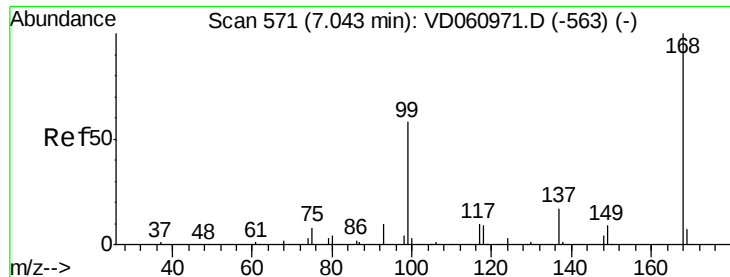
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

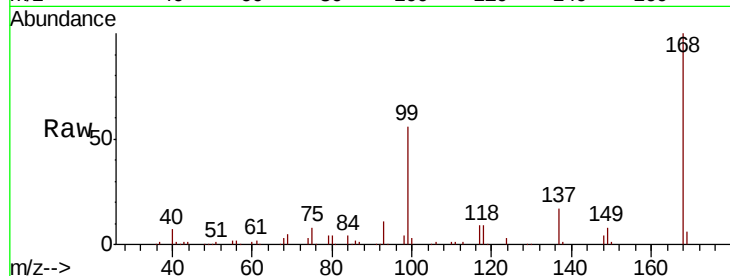
P-7-WEST-WALL-SOUTH

Tgt Ion: 168 Resp: 616267

Ion Ratio Lower Upper

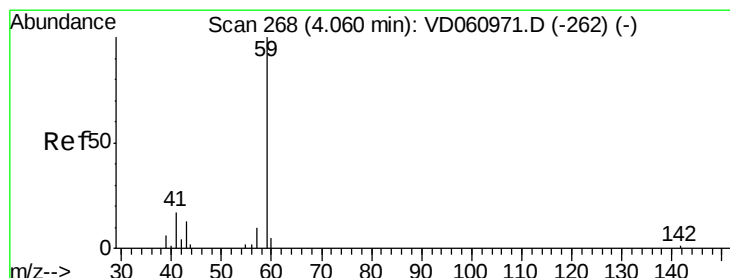
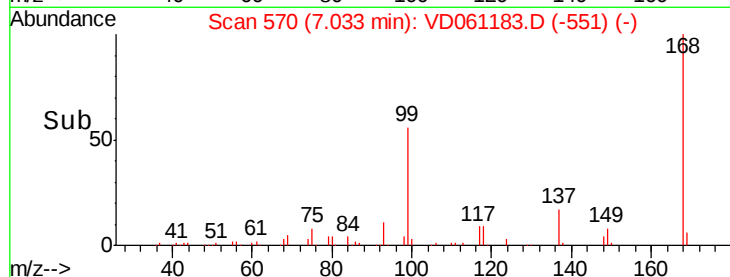
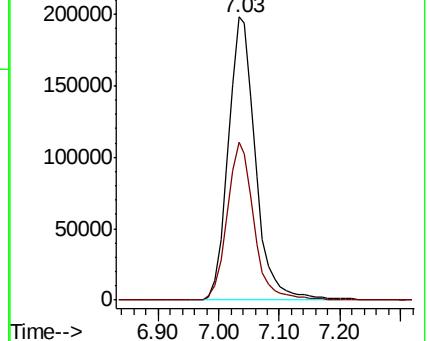
168 100

99 55.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 24.010 ug/l

RT: 3.98 min Scan# 260

Delta R.T. -0.08 min

Lab File: VD061183.D

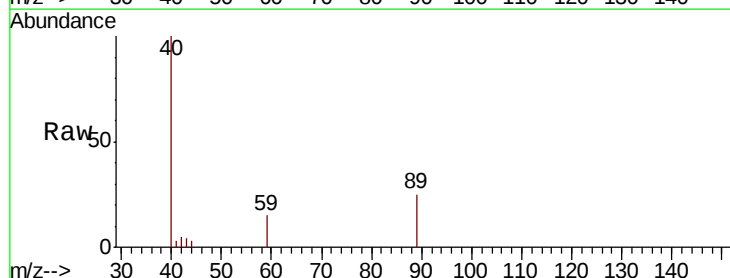
Acq: 19 Mar 2019 14:21

Tgt Ion: 59 Resp: 7841

Ion Ratio Lower Upper

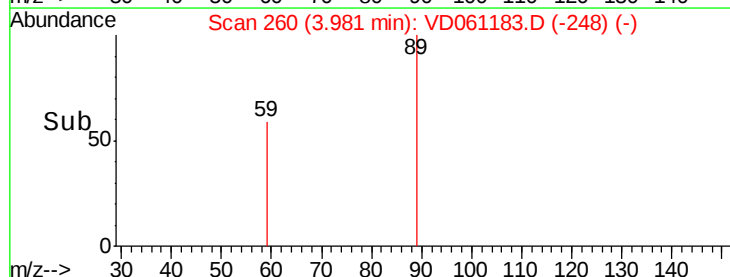
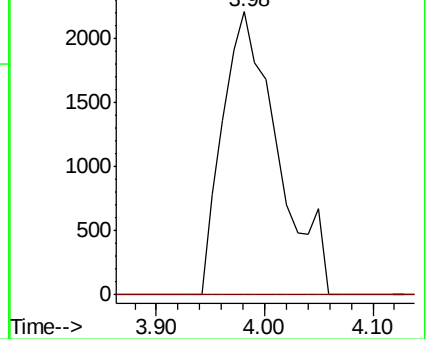
59 100

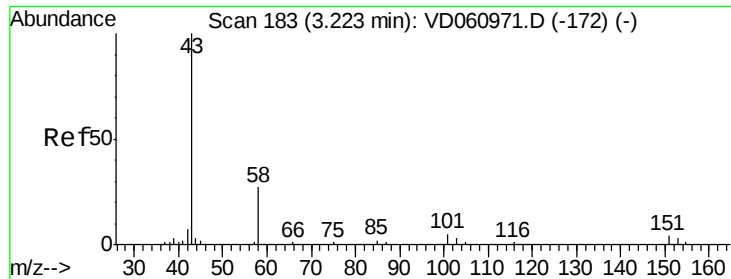
57 0.0 7.1 10.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 53.347 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

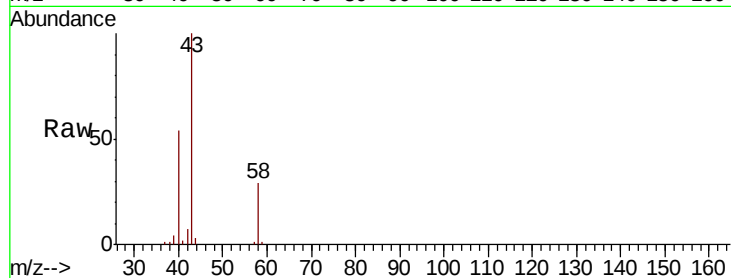
P-7-WEST-WALL-SOUTH

Tgt Ion: 43 Resp: 78254

Ion Ratio Lower Upper

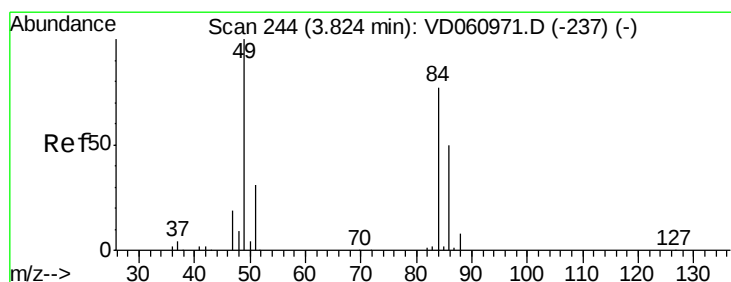
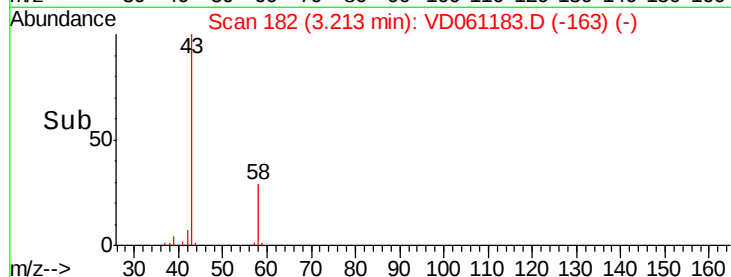
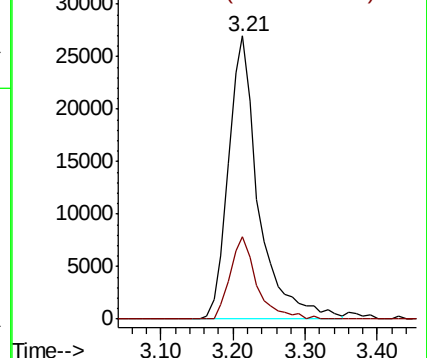
43 100

58 29.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 4.678 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Tgt Ion: 84 Resp: 59566

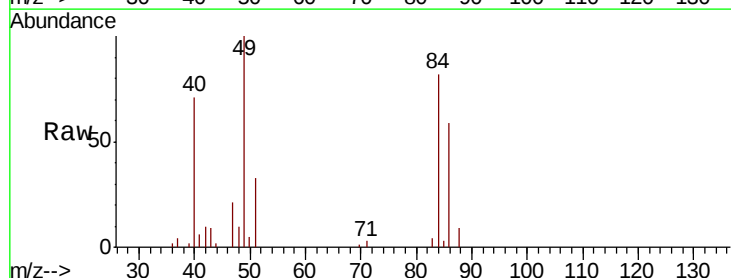
Ion Ratio Lower Upper

84 100

49 121.7 104.2 156.2

51 39.7 32.3 48.5

86 72.4 52.3 78.5

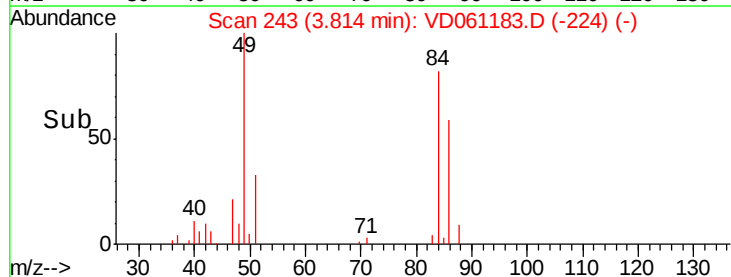
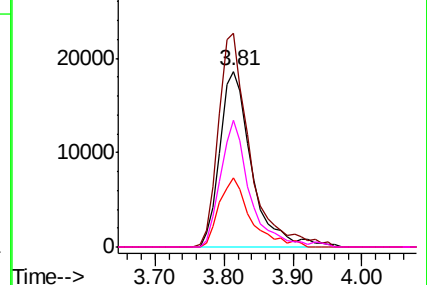


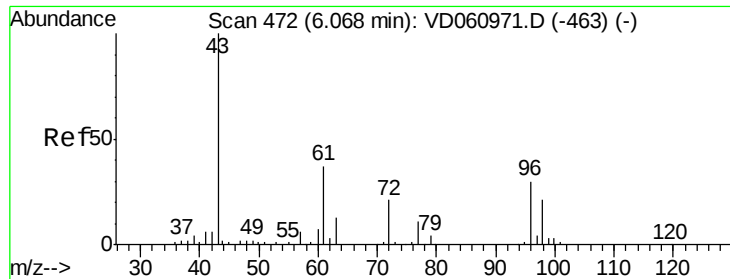
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.074 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

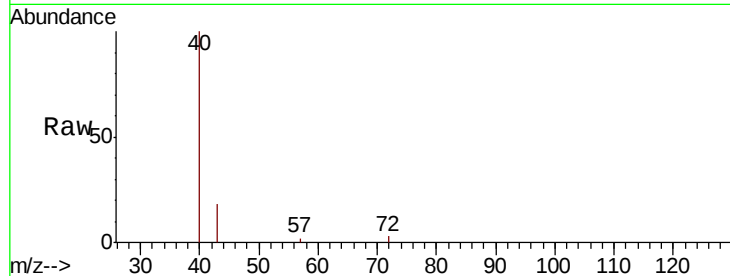
P-7-WEST-WALL-SOUTH

Tgt Ion: 43 Resp: 10111

Ion Ratio Lower Upper

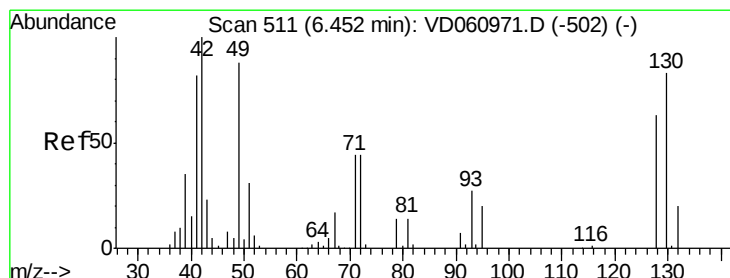
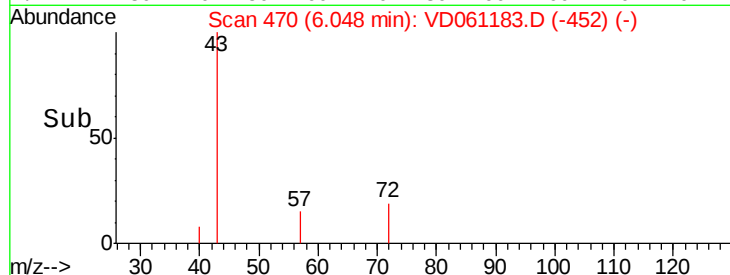
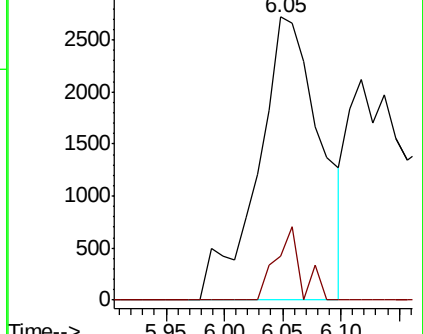
43 100

72 15.6 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 1.227 ug/l

RT: 6.45 min Scan# 511

Delta R.T. -0.00 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

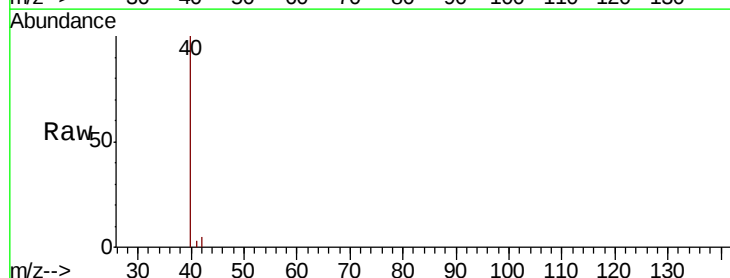
Tgt Ion: 42 Resp: 1109

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

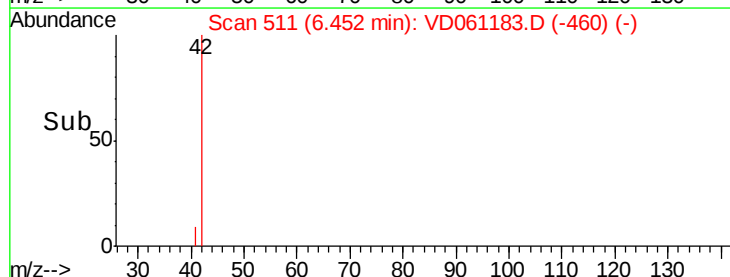
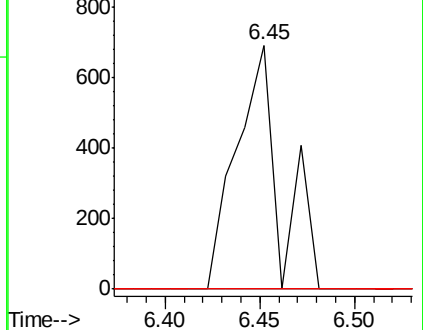
71 0.0 33.8 50.6#

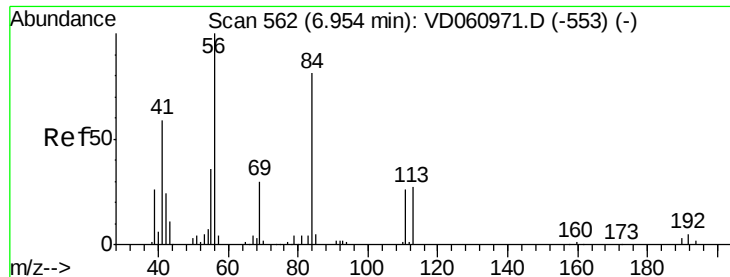


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

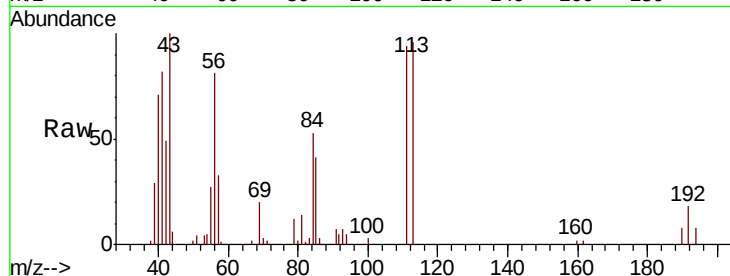




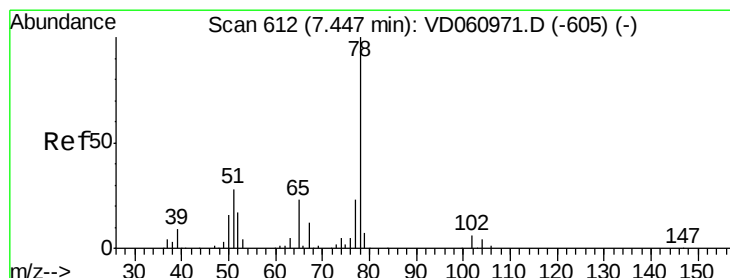
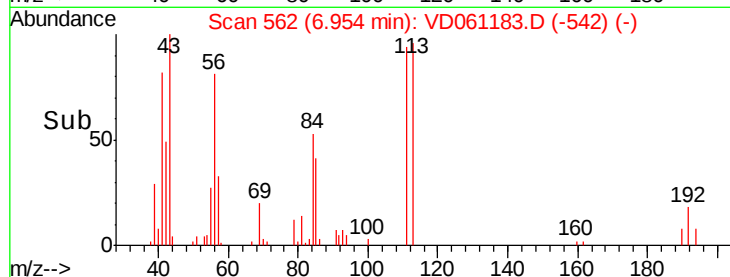
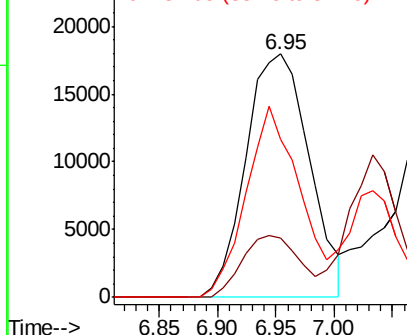
#31
Cyclohexane
Concen: 7.454 ug/l
RT: 6.95 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

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P-7-WEST-WALL-SOUTH

Tgt Ion: 56 Resp: 67666
Ion Ratio Lower Upper
56 100
69 24.3 24.0 36.0
84 64.7 65.8 98.6#

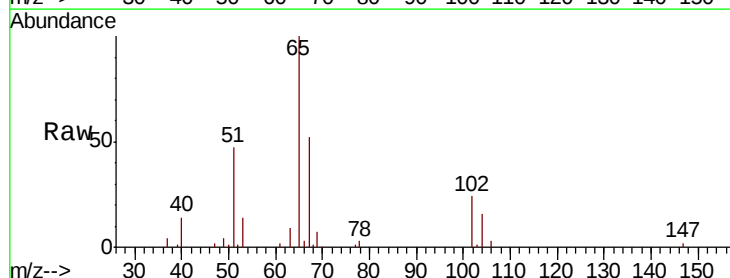


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

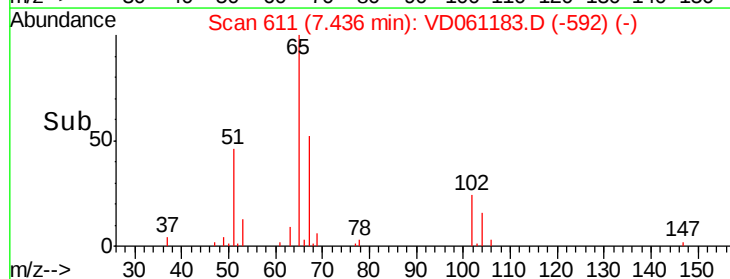
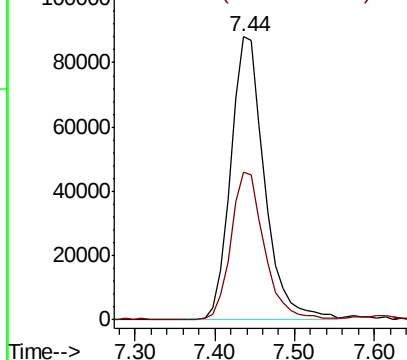


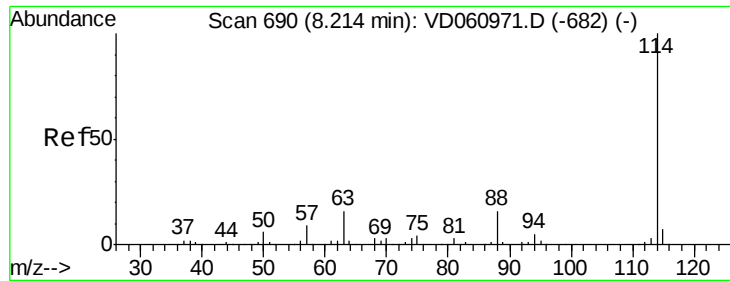
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion: 65 Resp: 259880
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2



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: 8.20 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

P-7-WEST-WALL-SOUTH

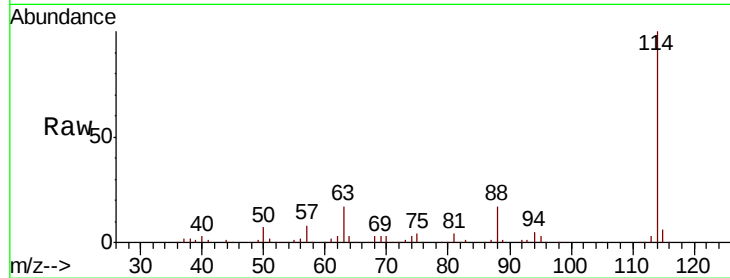
Tgt Ion:114 Resp: 1142214

Ion Ratio Lower Upper

114 100

63 16.6 0.0 31.4

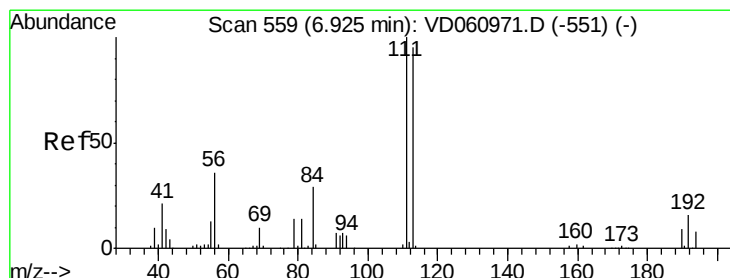
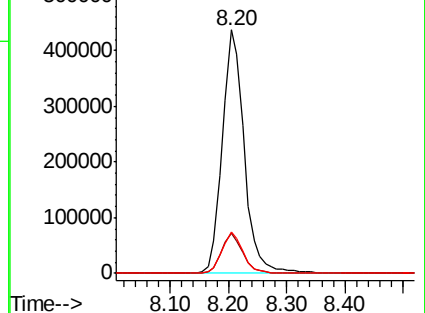
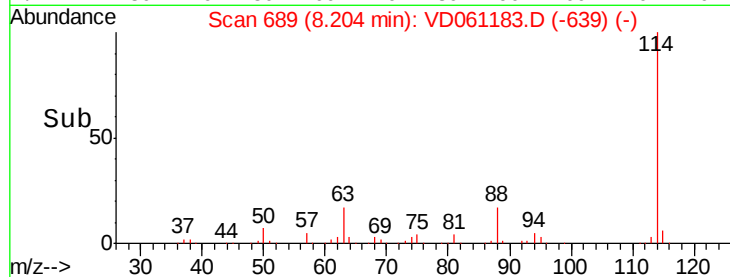
88 16.8 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

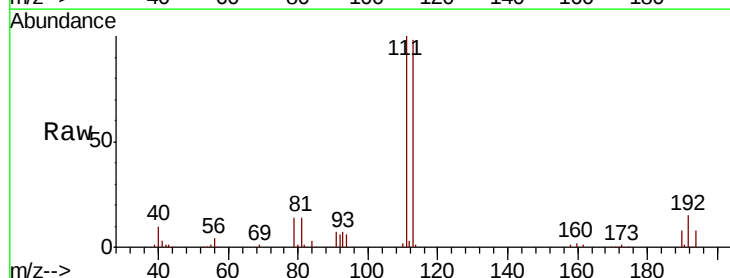
Tgt Ion:113 Resp: 435001

Ion Ratio Lower Upper

113 100

111 101.8 84.2 126.4

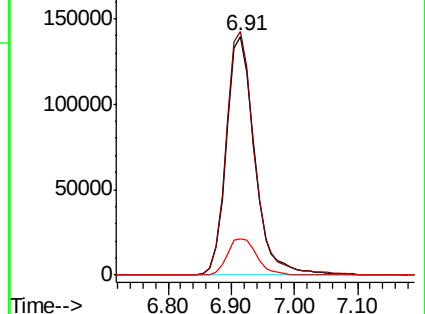
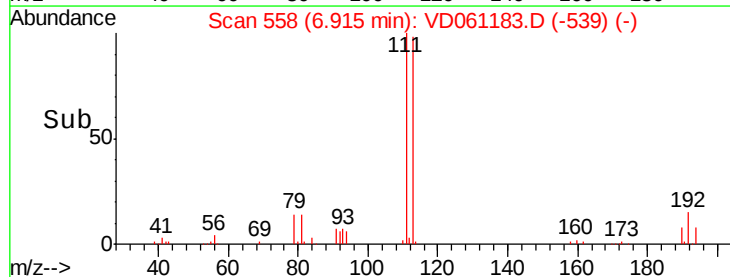
192 15.3 13.1 19.7

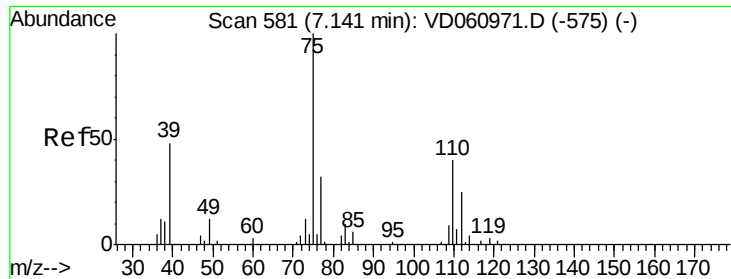


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

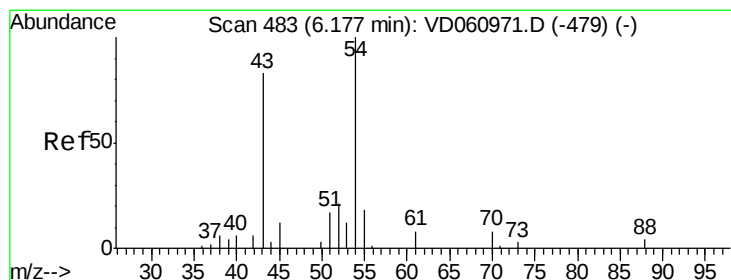
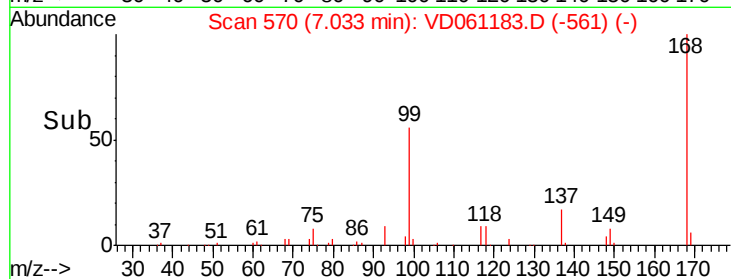
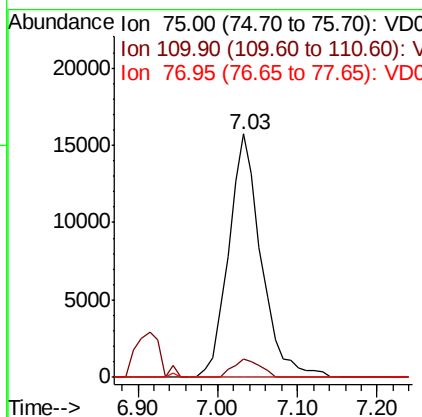
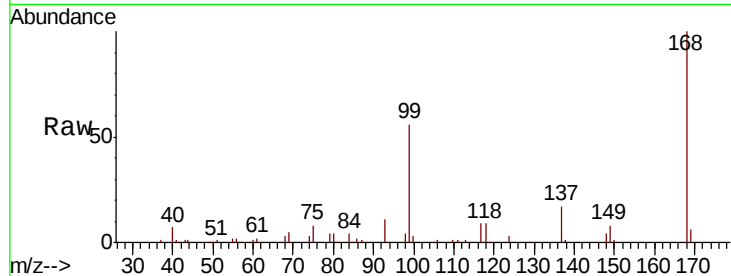




#36
 1,1-Dichloropropene
 Concen: 4.548 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061183.D
 Acq: 19 Mar 2019 14:21

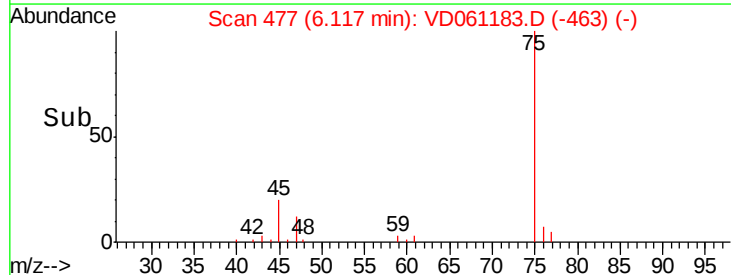
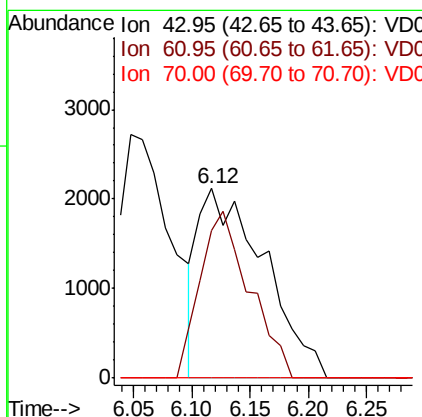
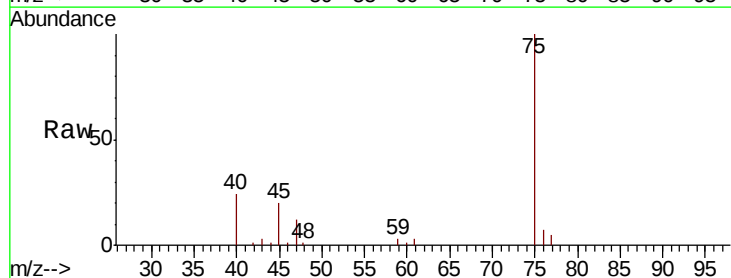
Instrument :
 MSVOA_D
 ClientSampleId :
 P-7-WEST-WALL-SOUTH

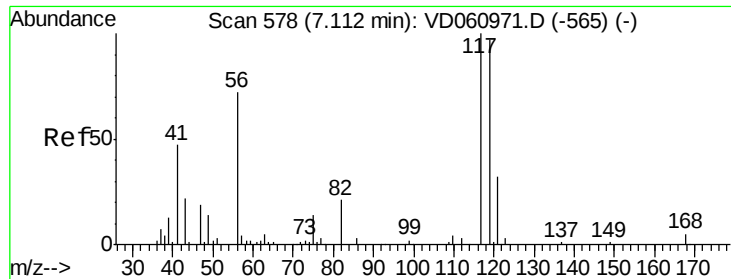
Tgt Ion: 75 Resp: 44780
 Ion Ratio Lower Upper
 75 100
 110 7.3 19.7 59.1#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 1.784 ug/l
 RT: 6.12 min Scan# 477
 Delta R.T. -0.06 min
 Lab File: VD061183.D
 Acq: 19 Mar 2019 14:21

Tgt Ion: 43 Resp: 8244
 Ion Ratio Lower Upper
 43 100
 61 77.7 13.7 20.5#
 70 0.0 7.1 10.7#

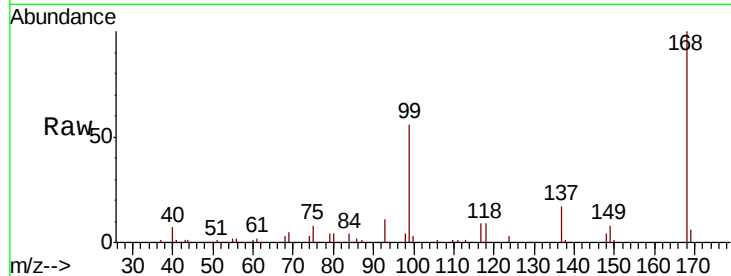




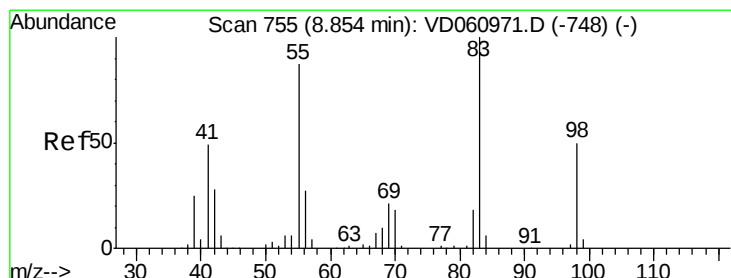
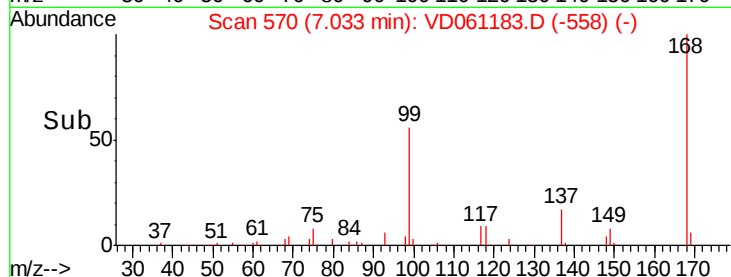
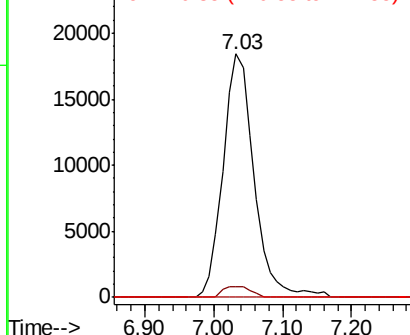
#38
Carbon Tetrachloride
Concen: 5.311 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
P-7-WEST-WALL-SOUTH

Tgt Ion: 117 Resp: 57603
Ion Ratio Lower Upper
117 100
119 4.6 77.8 116.8#
121 0.0 25.3 37.9#

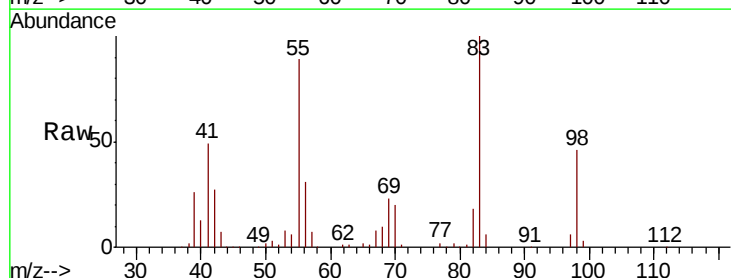


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

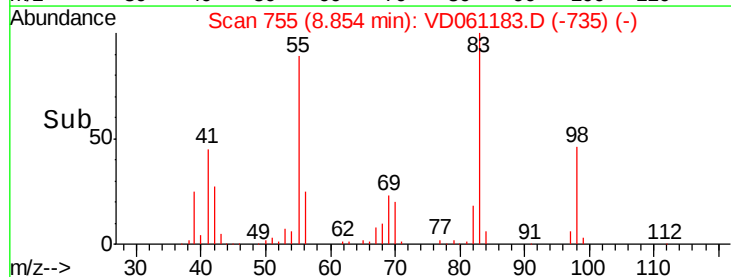
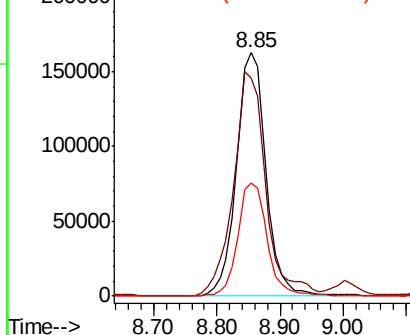


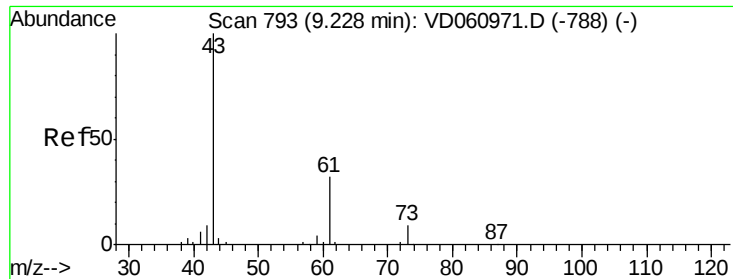
#39
Methylcyclohexane
Concen: 51.347 ug/l
RT: 8.85 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion: 83 Resp: 524211
Ion Ratio Lower Upper
83 100
55 89.4 69.6 104.4
98 46.4 40.0 60.0



Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

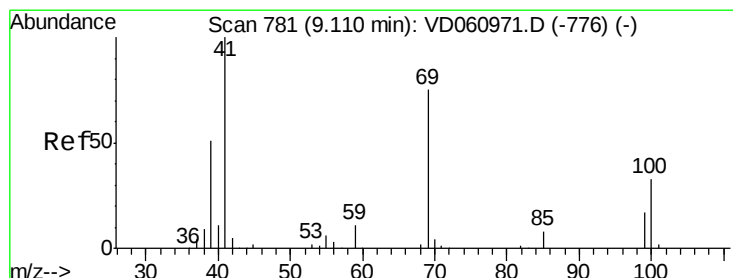
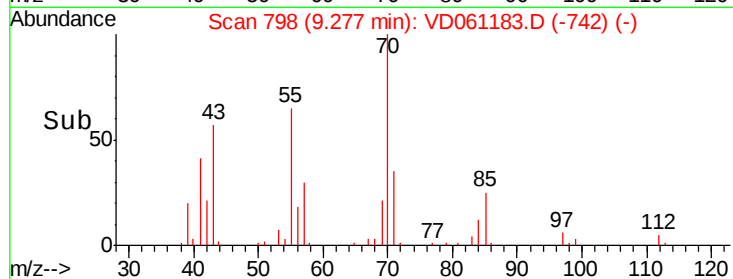
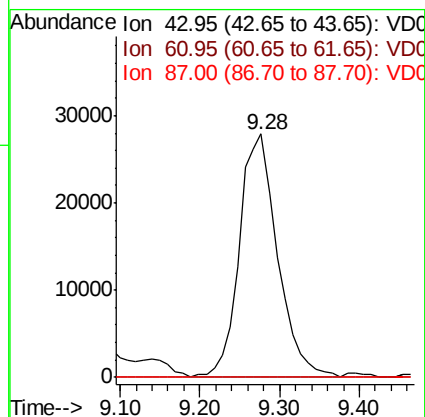
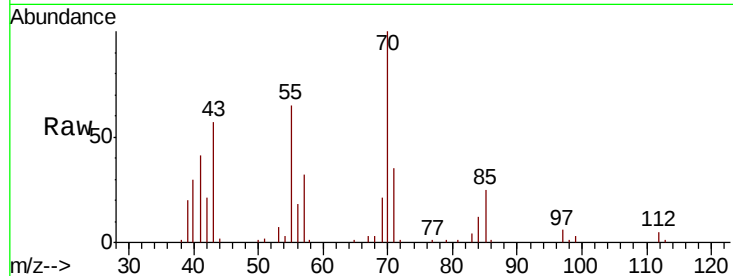




#43
Isopropyl Acetate
Concen: 14.424 ug/l
RT: 9.28 min Scan# 798
Delta R.T. 0.05 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

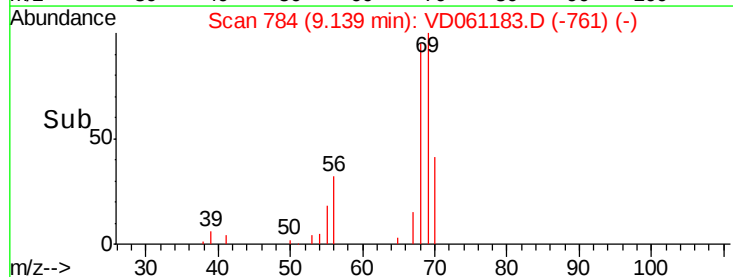
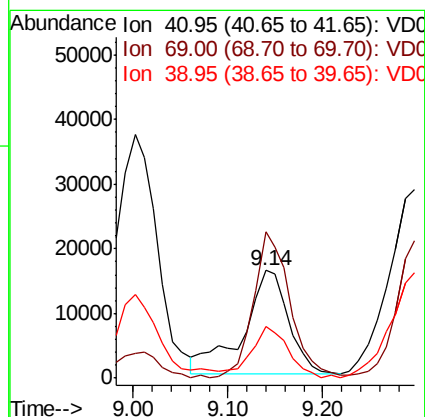
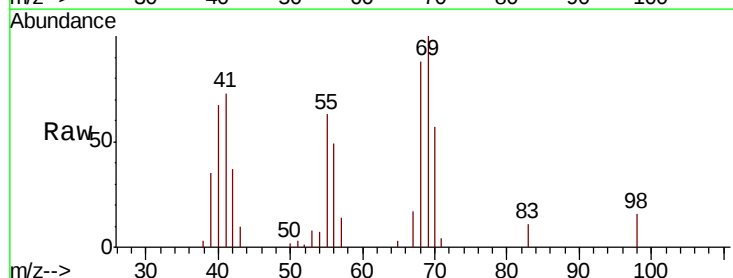
Instrument :
MSVOA_D
ClientSampleId :
P-7-WEST-WALL-SOUTH

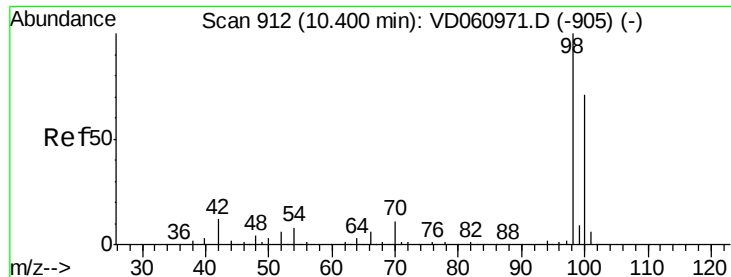
Tgt Ion: 43 Resp: 92301
Ion Ratio Lower Upper
43 100
61 0.0 25.6 38.4#
87 0.0 0.2 0.4#



#48
Methyl methacrylate
Concen: 14.785 ug/l
RT: 9.14 min Scan# 784
Delta R.T. 0.03 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion: 41 Resp: 53269
Ion Ratio Lower Upper
41 100
69 136.3 59.9 89.9#
39 47.7 40.9 61.3

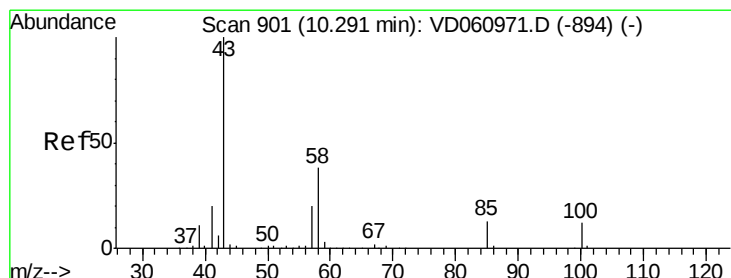
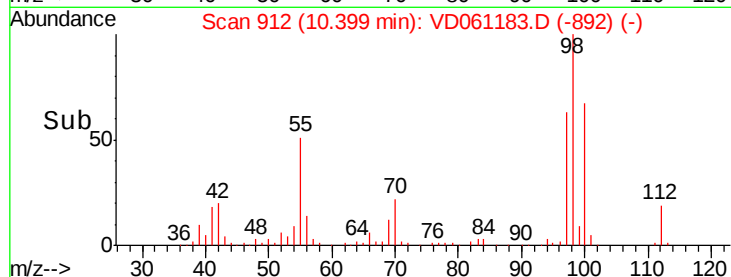
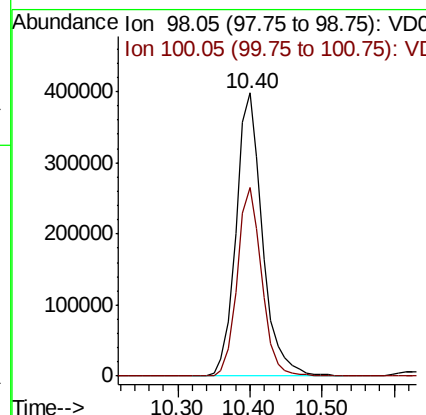
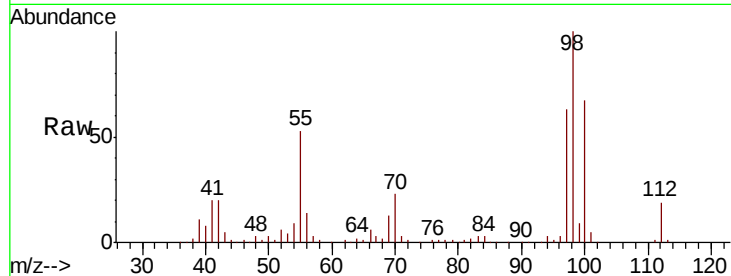




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

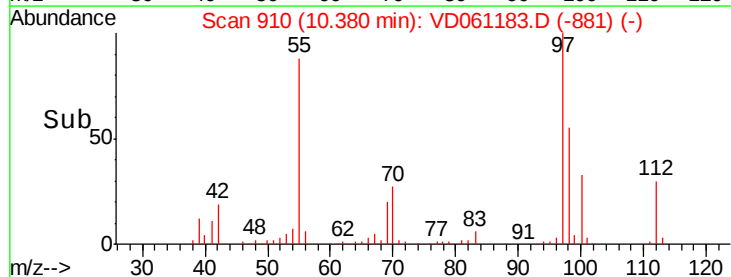
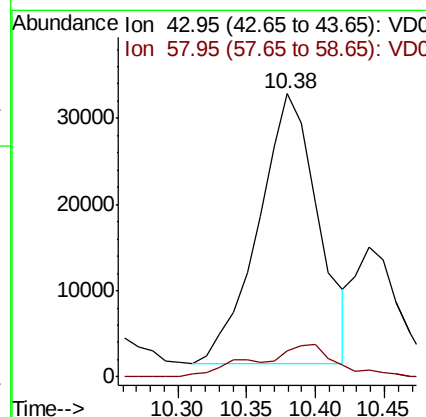
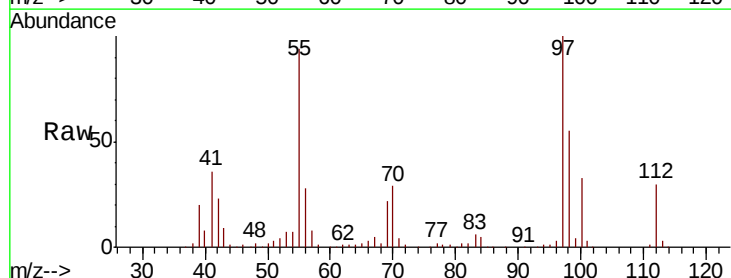
Instrument :
MSVOA_D
ClientSampleId :
P-7-WEST-WALL-SOUTH

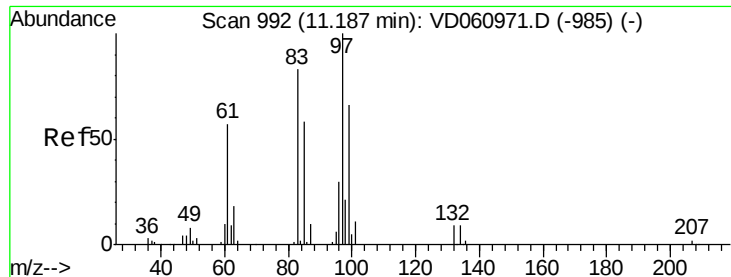
Tgt Ion: 98 Resp: 1017774
Ion Ratio Lower Upper
98 100
100 66.7 57.4 86.2



#51
4-Methyl-2-Pentanone
Concen: 24.228 ug/l
RT: 10.38 min Scan# 910
Delta R.T. 0.09 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion: 43 Resp: 94982
Ion Ratio Lower Upper
43 100
58 9.1 30.2 45.2#

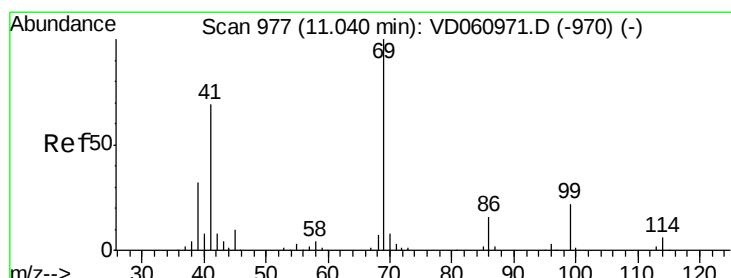
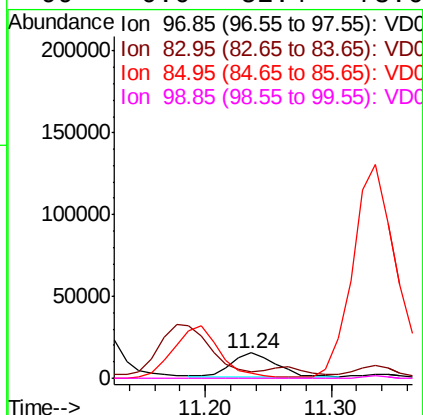
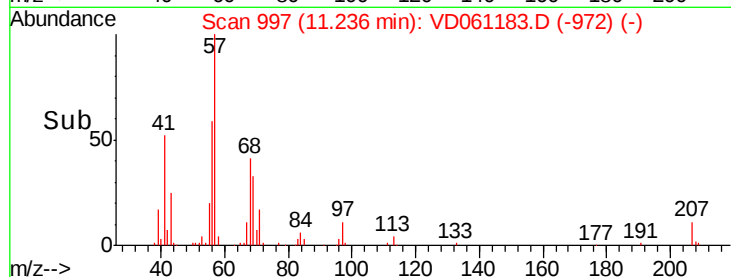
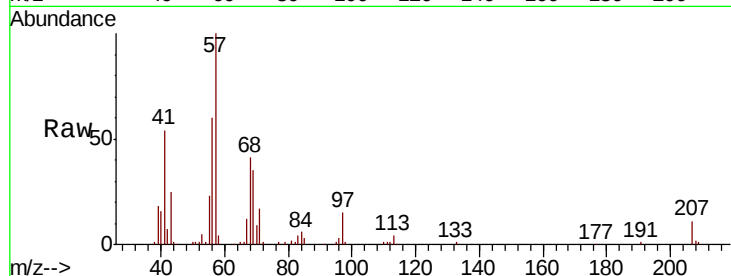




#55
 1,1,2-Trichloroethane
 Concen: 6.833 ug/l
 RT: 11.24 min Scan# 997
 Delta R.T. 0.05 min
 Lab File: VD061183.D
 Acq: 19 Mar 2019 14:21

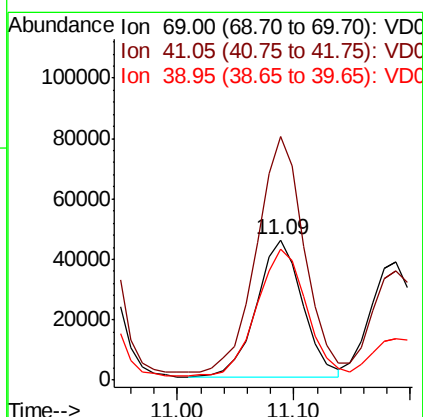
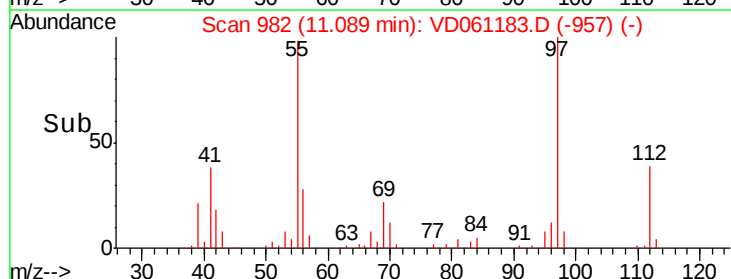
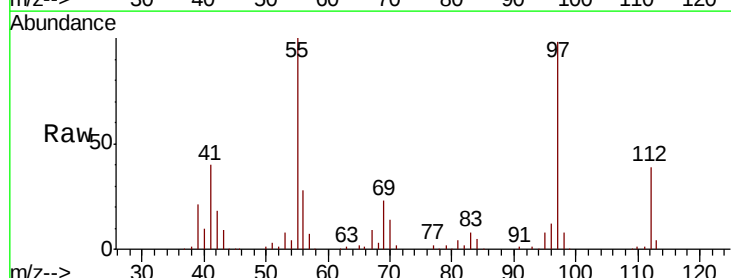
Instrument :
 MSVOA_D
 ClientSampleId :
 P-7-WEST-WALL-SOUTH

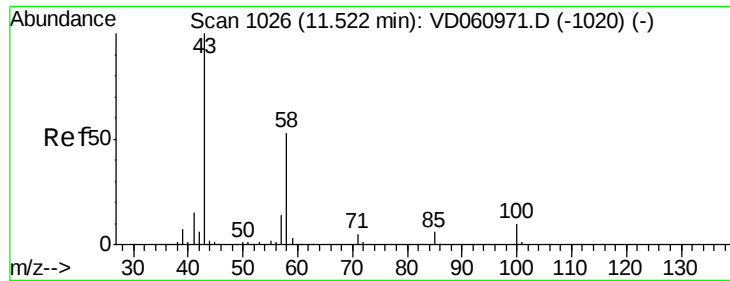
Tgt Ion: 97 Resp: 34814
 Ion Ratio Lower Upper
 97 100
 83 27.5 66.6 100.0#
 85 19.0 46.4 69.6#
 99 0.0 52.4 78.6#



#56
 Ethyl methacrylate
 Concen: 23.389 ug/l
 RT: 11.09 min Scan# 982
 Delta R.T. 0.05 min
 Lab File: VD061183.D
 Acq: 19 Mar 2019 14:21

Tgt Ion: 69 Resp: 124729
 Ion Ratio Lower Upper
 69 100
 41 173.3 55.5 83.3#
 39 93.0 26.2 39.2#

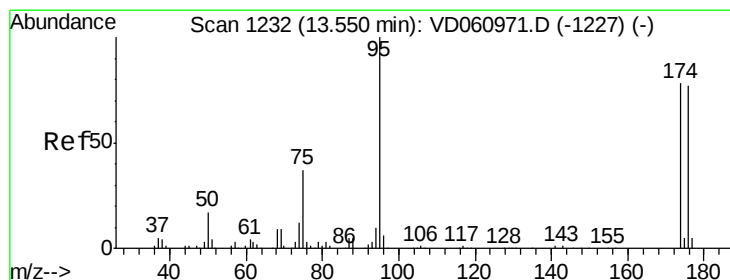
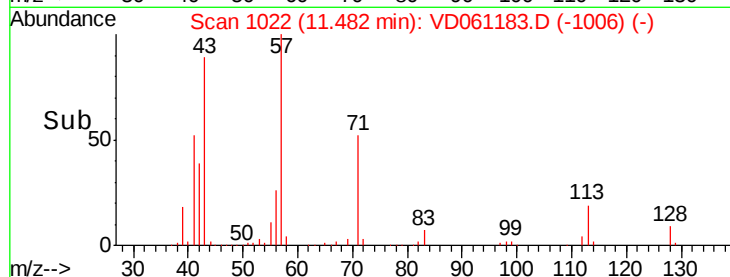
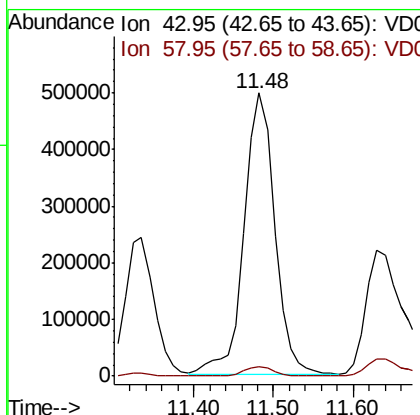
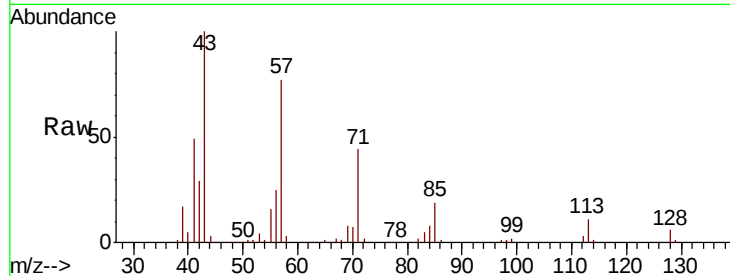




#59
2-Hexanone
Concen: 456.703 ug/l
RT: 11.48 min Scan# 1022
Delta R.T. -0.04 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

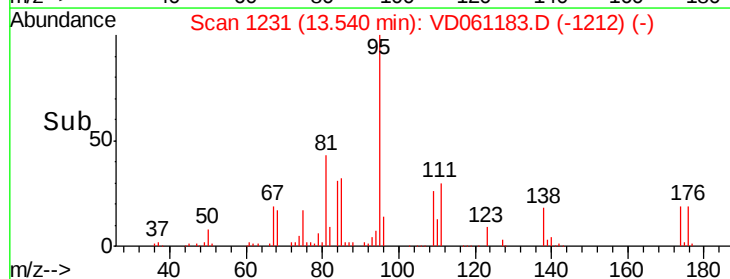
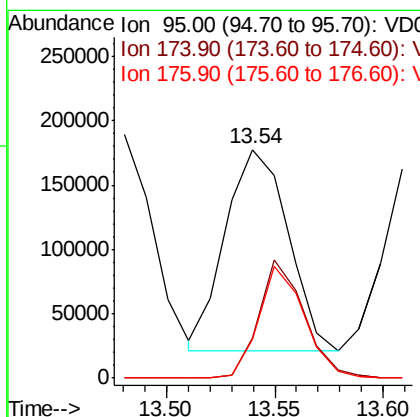
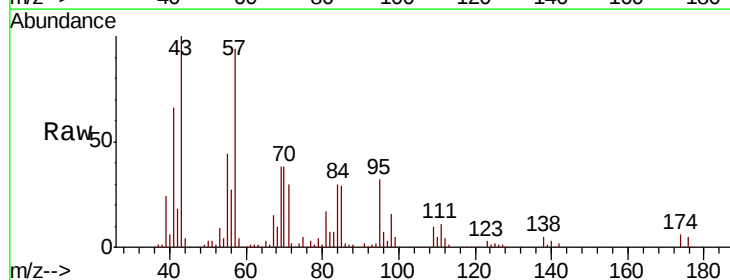
Instrument :
MSVOA_D
ClientSampleId :
P-7-WEST-WALL-SOUTH

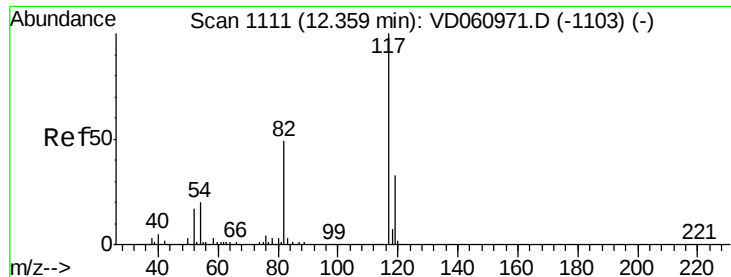
Tgt Ion: 43 Resp: 1309685
Ion Ratio Lower Upper
43 100
58 3.3 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion: 95 Resp: 313490
Ion Ratio Lower Upper
95 100
174 17.6 0.0 155.6
176 17.0 0.0 153.8

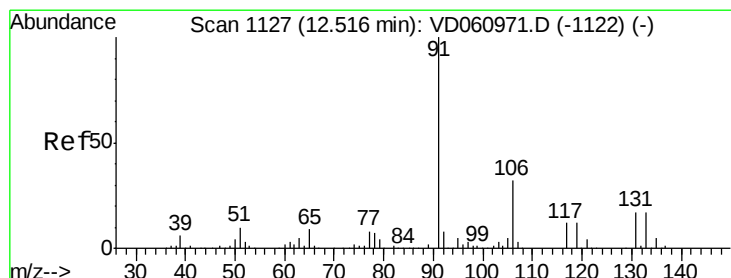
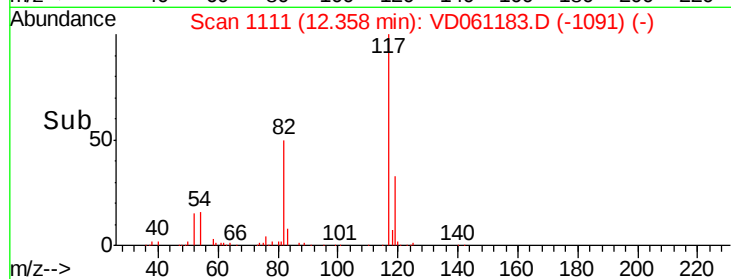
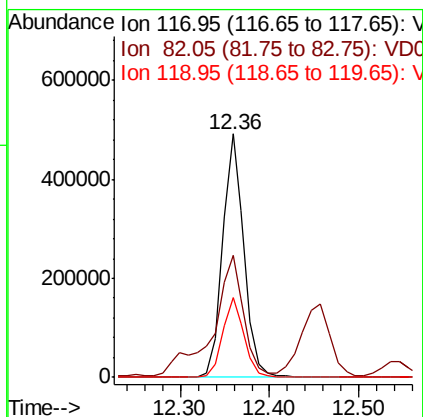
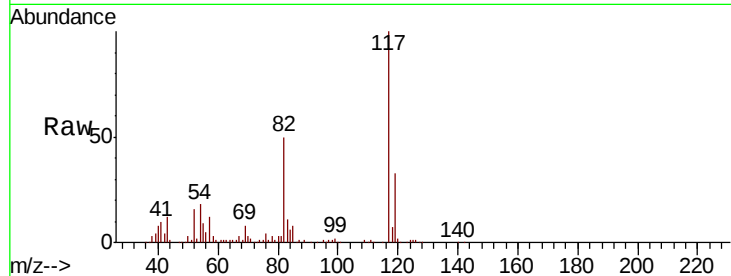




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

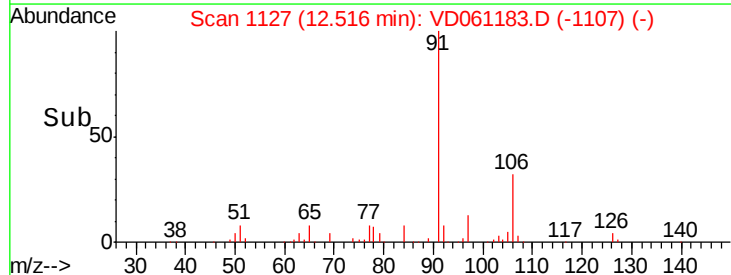
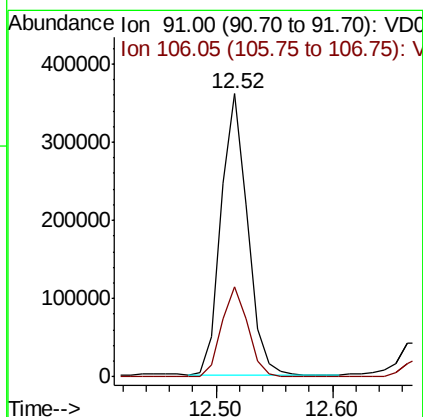
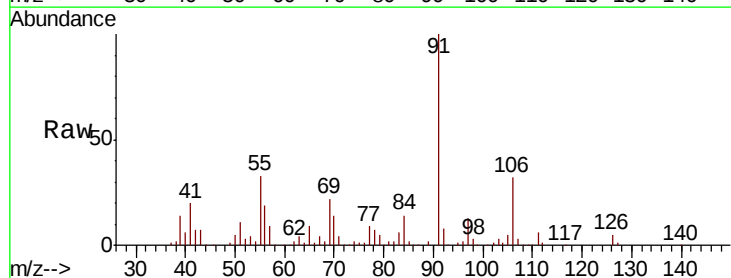
Instrument :
MSVOA_D
ClientSampleId :
P-7-WEST-WALL-SOUTH

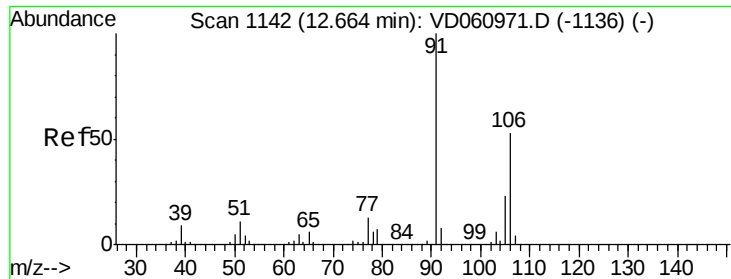
Tgt Ion: 117 Resp: 824494
Ion Ratio Lower Upper
117 100
82 50.2 38.9 58.3
119 32.6 26.6 39.8



#67
Ethyl Benzene
Concen: 23.562 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion: 91 Resp: 566978
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

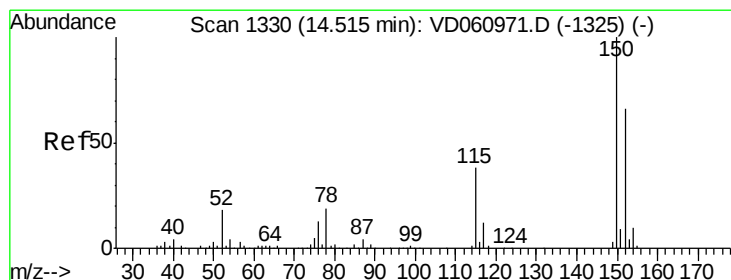
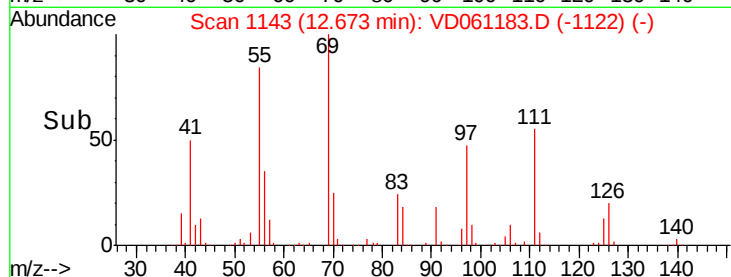
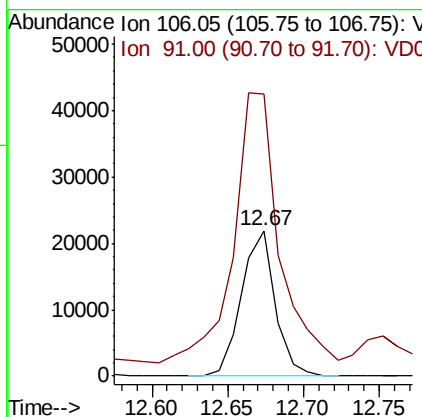
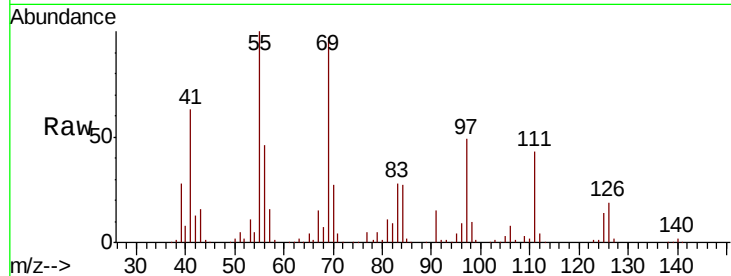




#68
m/p-Xylenes
Concen: 3.579 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

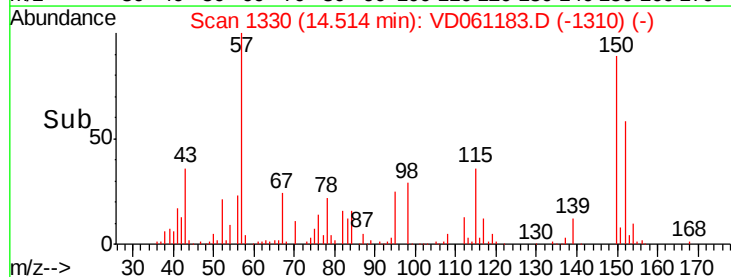
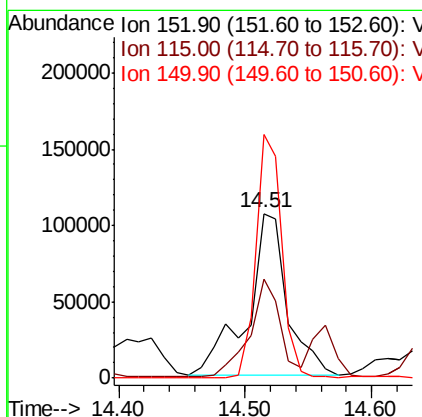
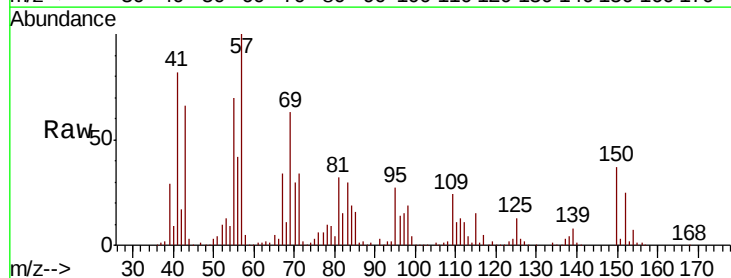
Instrument :
MSVOA_D
ClientSampleId :
P-7-WEST-WALL-SOUTH

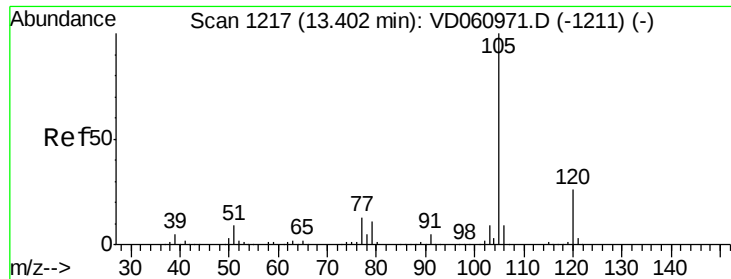
Tgt Ion:106 Resp: 33807
Ion Ratio Lower Upper
106 100
91 193.5 152.0 228.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion:152 Resp: 233906
Ion Ratio Lower Upper
152 100
115 59.9 28.6 85.9
150 148.1 0.0 310.6





#73

Isopropylbenzene

Concen: 40.593 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

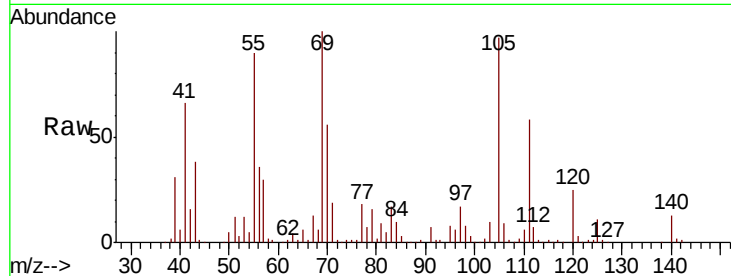
P-7-WEST-WALL-SOUTH

Tgt Ion: 105 Resp: 684271

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.40

400000

300000

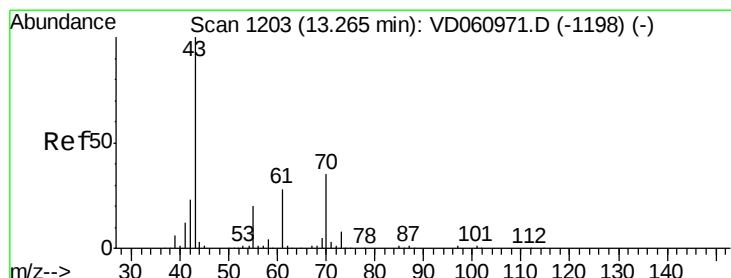
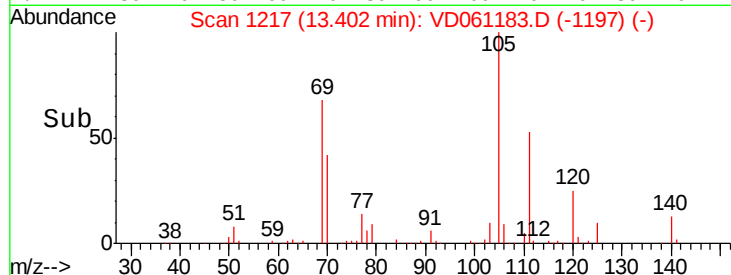
200000

100000

0

Time-->

13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 224.737 ug/l

RT: 13.29 min Scan# 1206

Delta R.T. 0.03 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Tgt Ion: 43 Resp: 1066729

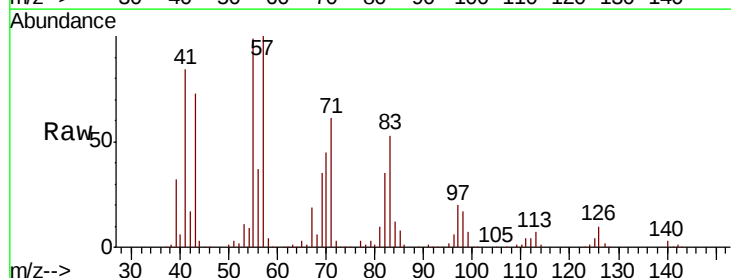
Ion Ratio Lower Upper

43 100

70 61.6 27.7 41.5#

55 135.0 16.2 24.2#

61 0.1 22.3 33.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

1500000

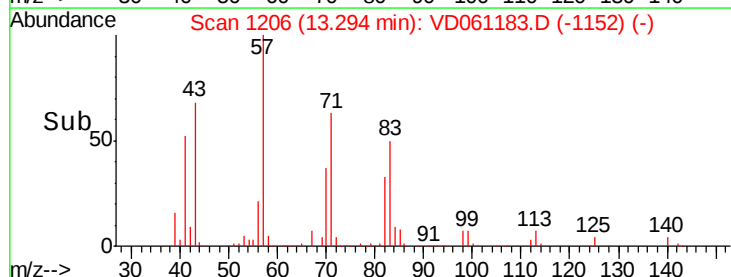
1000000

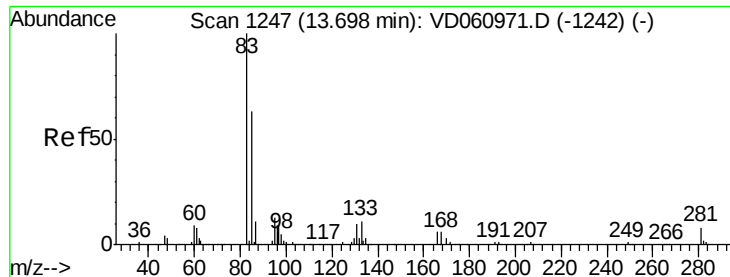
500000

0

Time-->

13.25 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 173.355 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. 0.02 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

P-7-WEST-WALL-SOUTH

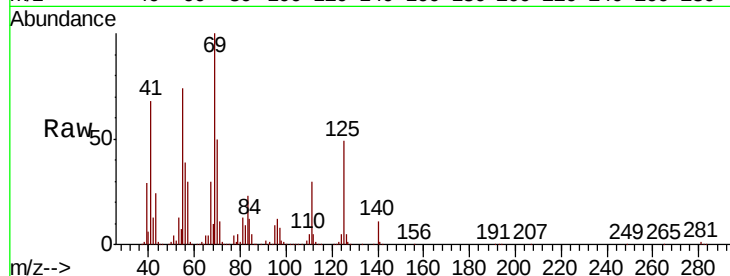
Tgt Ion: 83 Resp: 570150

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

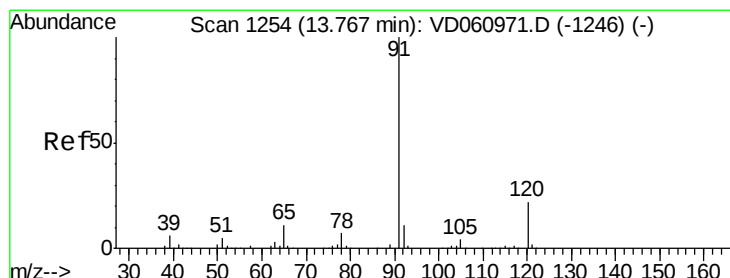
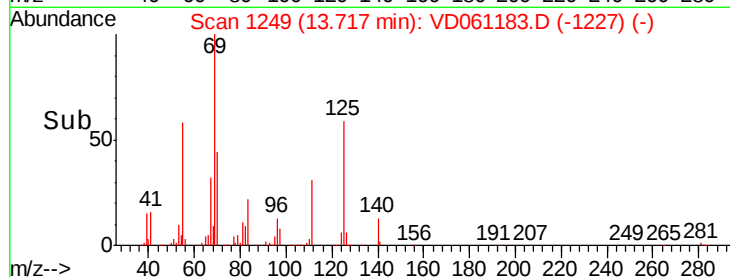
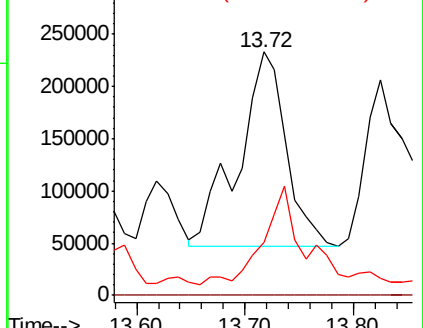
85 22.0 31.5 94.5#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC



#78

n-propylbenzene

Concen: 55.688 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD061183.D

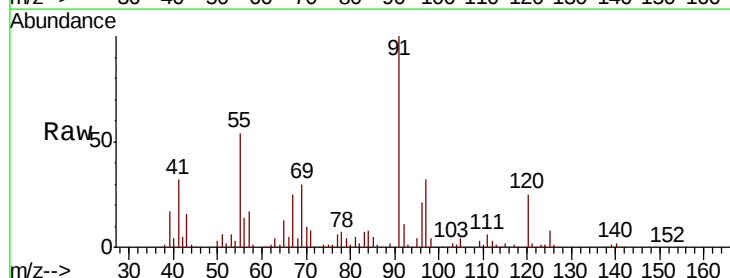
Acq: 19 Mar 2019 14:21

Tgt Ion: 91 Resp: 1098983

Ion Ratio Lower Upper

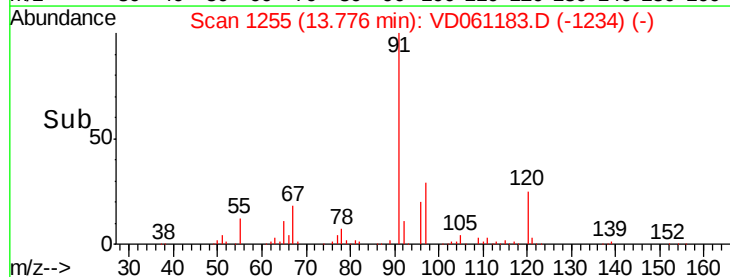
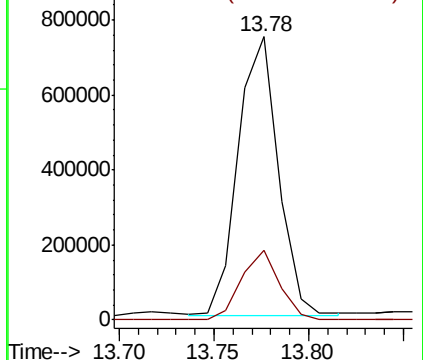
91 100

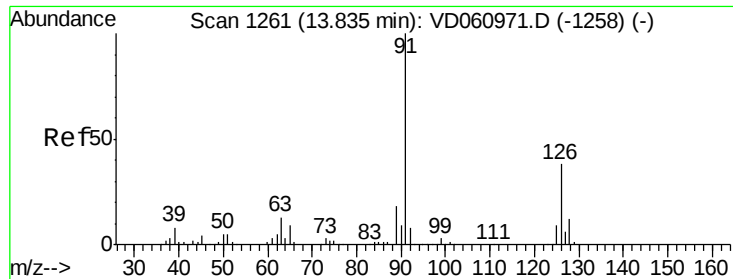
120 24.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 5.815 ug/l

RT: 13.88 min Scan# 1266

Delta R.T. 0.05 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

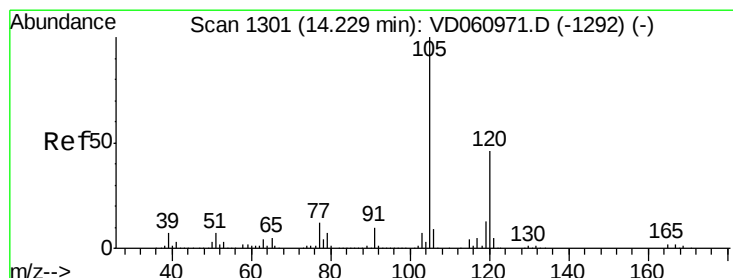
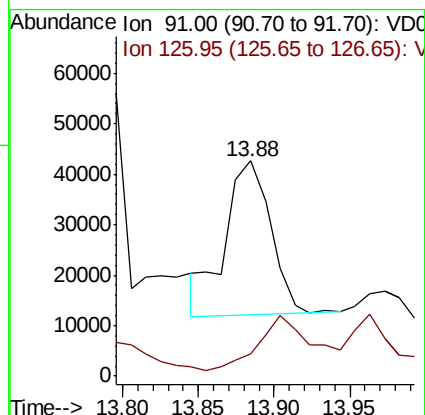
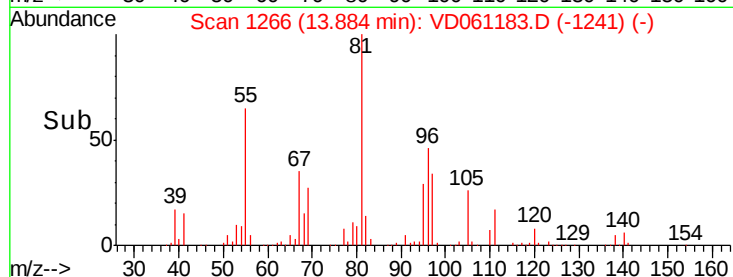
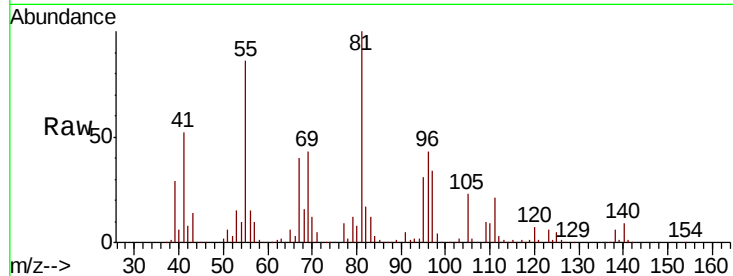
P-7-WEST-WALL-SOUTH

Tgt Ion: 91 Resp: 63177

Ion Ratio Lower Upper

91 100

126 10.2 18.6 55.6#



#80

1,3,5-Trimethylbenzene

Concen: 16.210 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VD061183.D

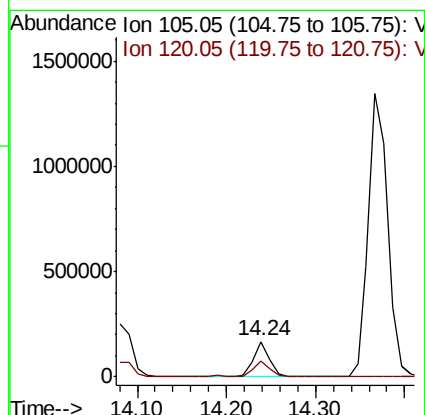
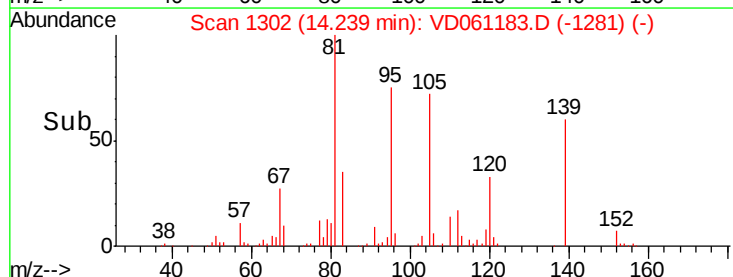
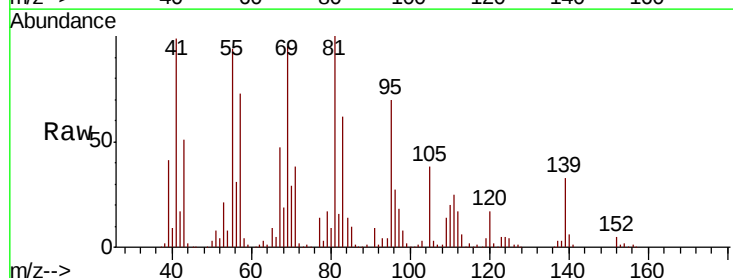
Acq: 19 Mar 2019 14:21

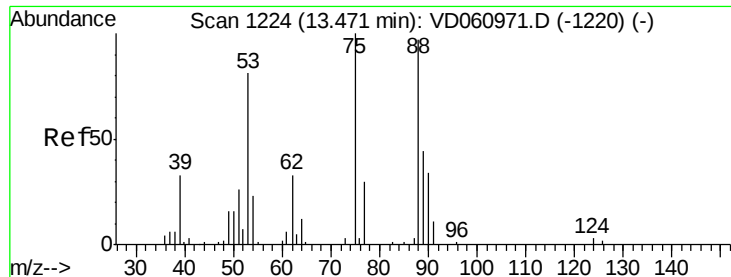
Tgt Ion: 105 Resp: 207443

Ion Ratio Lower Upper

105 100

120 45.0 22.9 68.5

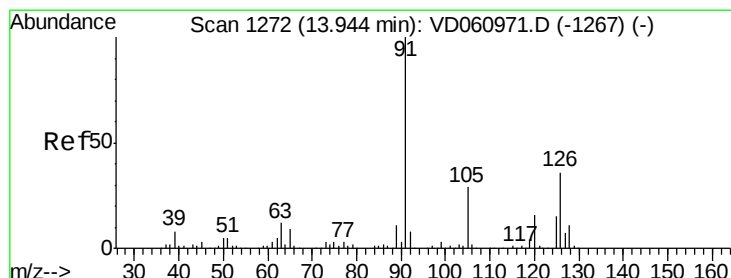
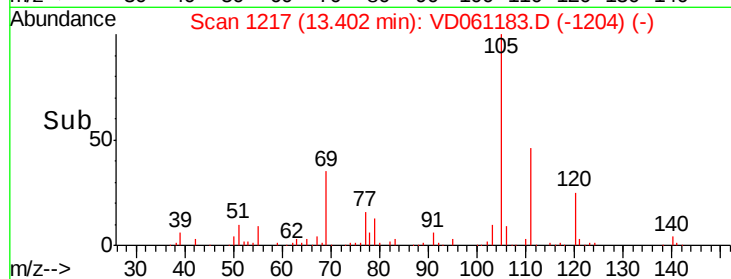
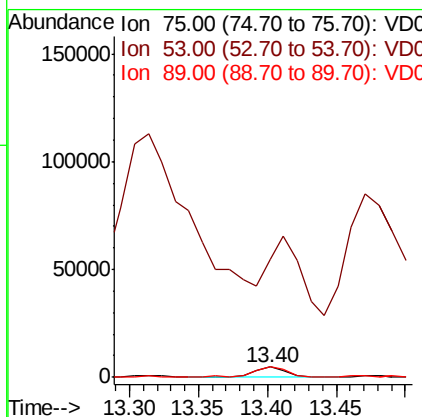
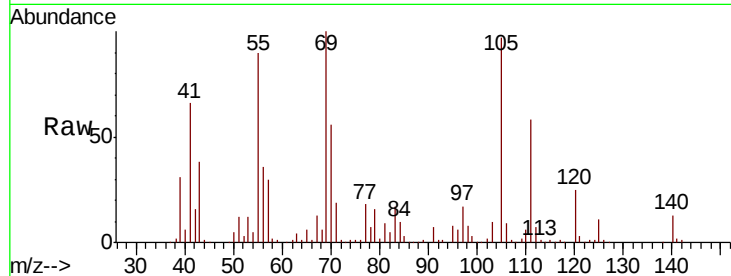




#81
trans-1,4-Dichloro-2-butene
Concen: 8.587 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. -0.07 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

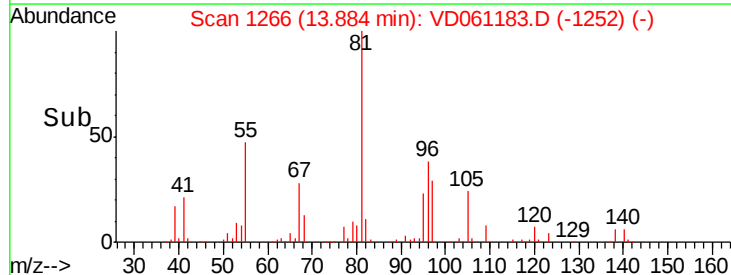
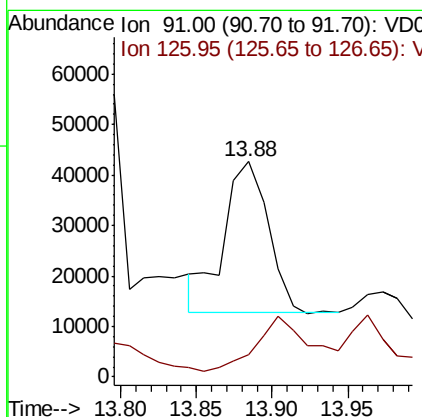
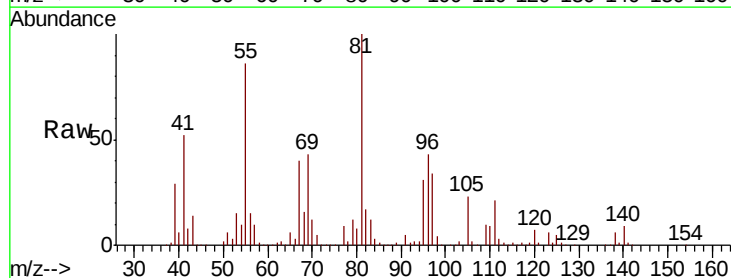
Instrument :
MSVOA_D
ClientSampleId :
P-7-WEST-WALL-SOUTH

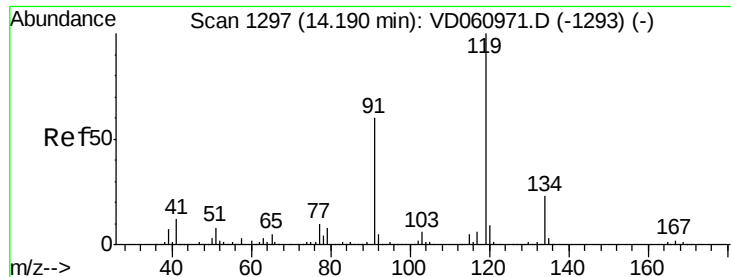
Tgt Ion: 75 Resp: 8519
Ion Ratio Lower Upper
75 100
53 1141.5 64.4 96.6#
89 104.1 34.8 52.2#



#82
4-Chlorotoluene
Concen: 4.671 ug/l
RT: 13.88 min Scan# 1266
Delta R.T. -0.06 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion: 91 Resp: 60000
Ion Ratio Lower Upper
91 100
126 10.2 18.0 54.0#

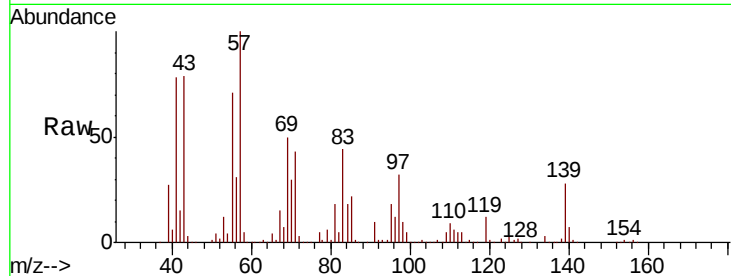




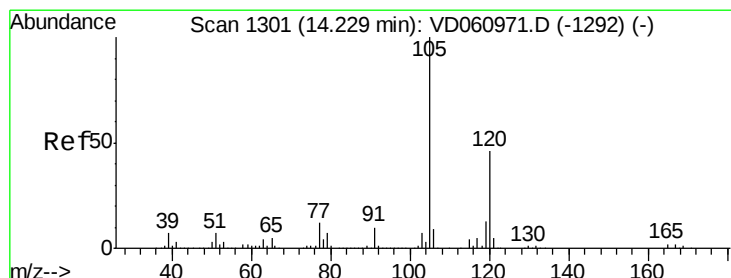
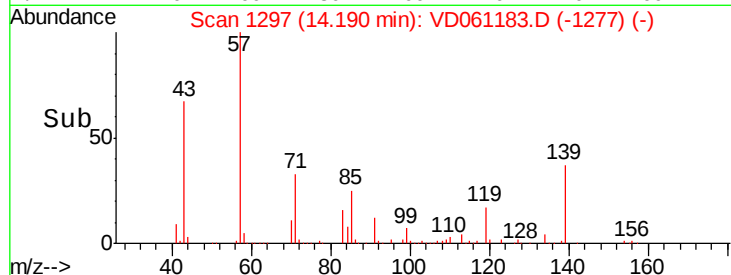
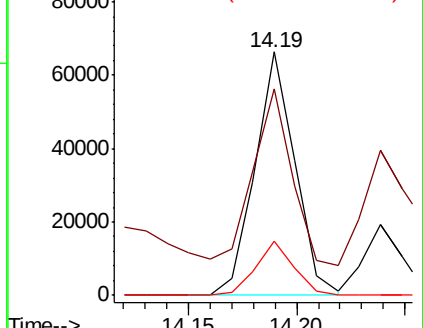
#83
tert-Butylbenzene
Concen: 6.109 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. -0.00 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Instrument :
MSVOA_D
ClientSampleId :
P-7-WEST-WALL-SOUTH

Tgt Ion:119 Resp: 85560
Ion Ratio Lower Upper
119 100
91 84.6 30.1 90.3
134 22.5 11.6 34.7

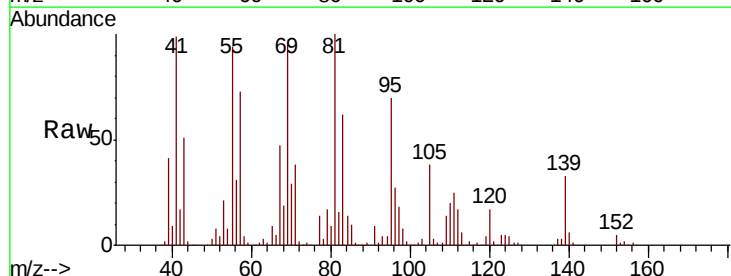


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): VD
Ion 134.00 (133.70 to 134.70): V

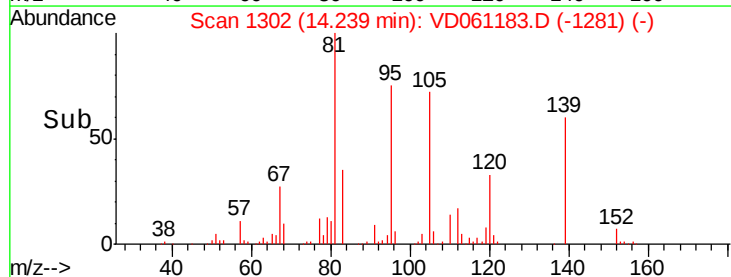
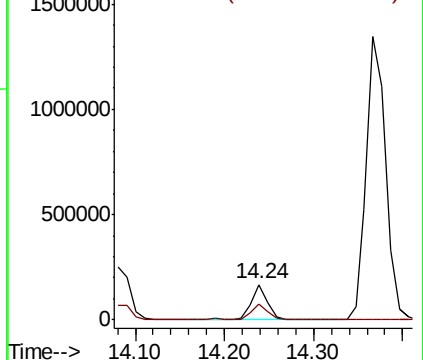


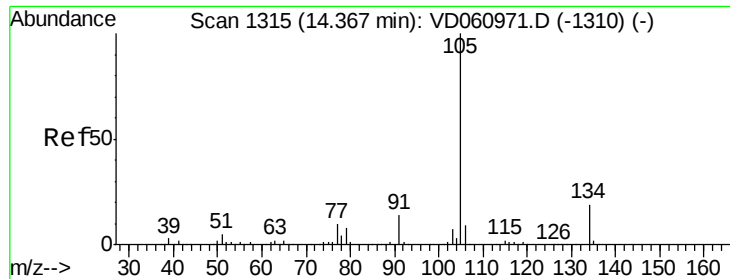
#84
1,2,4-Trimethylbenzene
Concen: 16.210 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VD061183.D
Acq: 19 Mar 2019 14:21

Tgt Ion:105 Resp: 207443
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.5



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

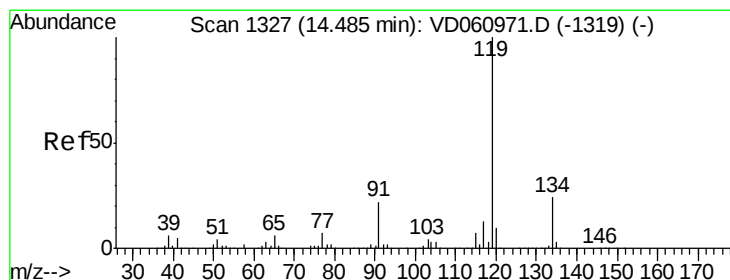
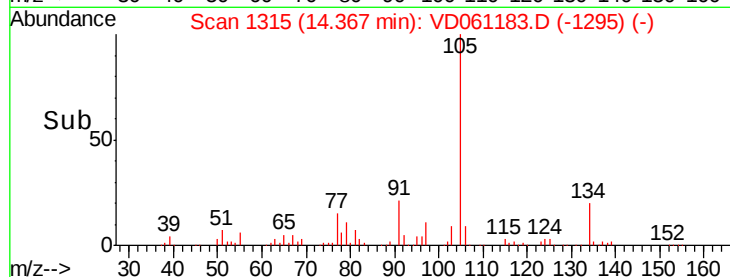
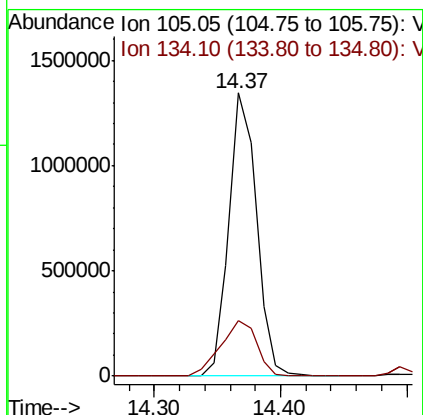
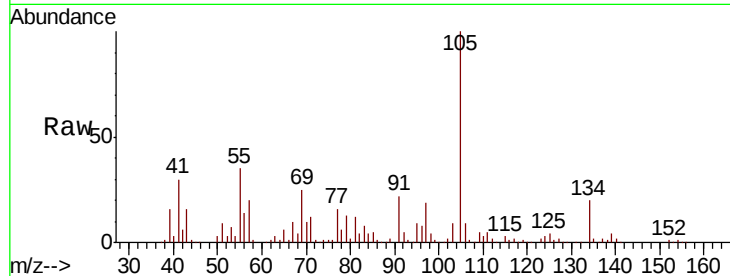




#85
 sec-Butylbenzene
 Concen: 118.687 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD061183.D
 Acq: 19 Mar 2019 14:21

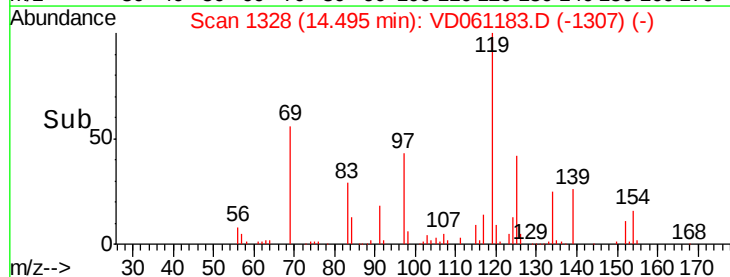
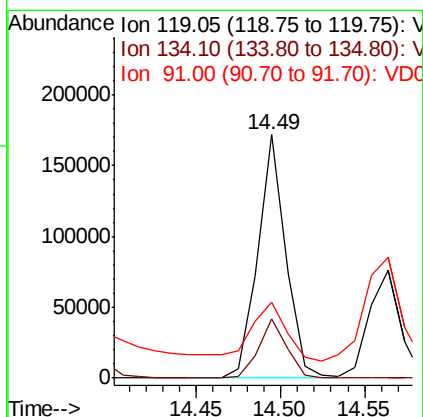
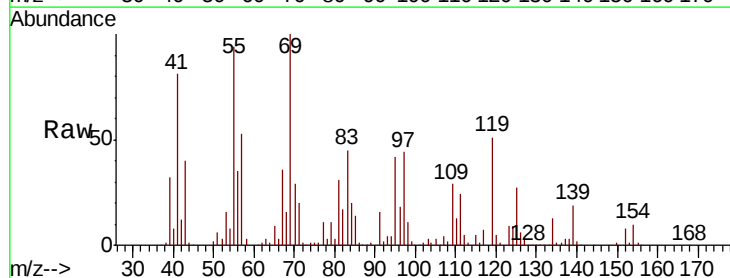
Instrument :
 MSVOA_D
 ClientSampleId :
 P-7-WEST-WALL-SOUTH

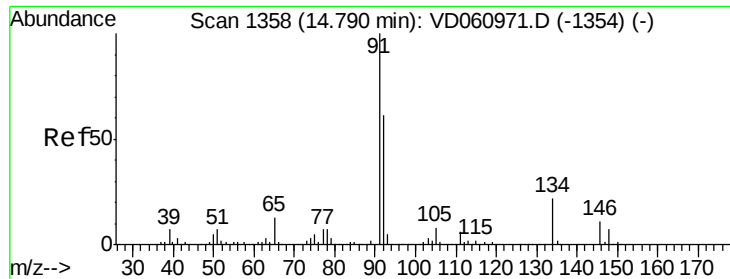
Tgt Ion:105 Resp: 2029263
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 14.178 ug/l
 RT: 14.49 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD061183.D
 Acq: 19 Mar 2019 14:21

Tgt Ion:119 Resp: 198139
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.0 36.1
 91 31.4 11.2 33.6





#89

n-Butylbenzene

Concen: 69.003 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. 0.01 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

P-7-WEST-WALL-SOUTH

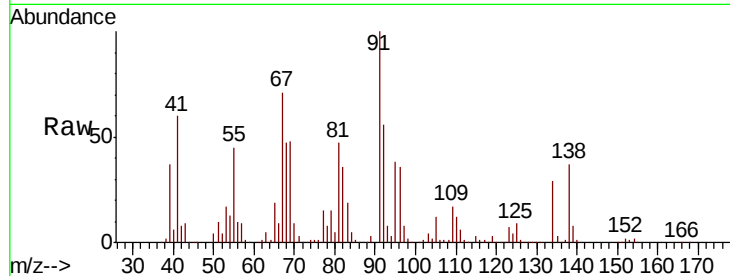
Tgt Ion: 91 Resp: 926093

Ion Ratio Lower Upper

91 100

92 56.5 30.6 91.8

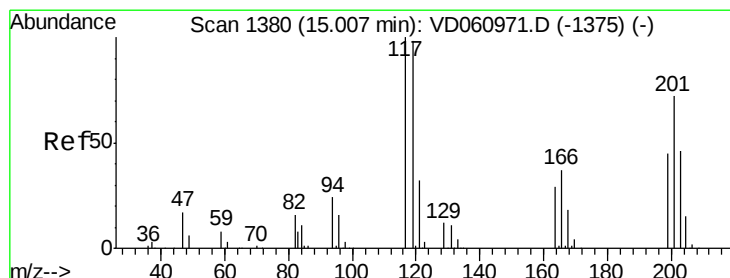
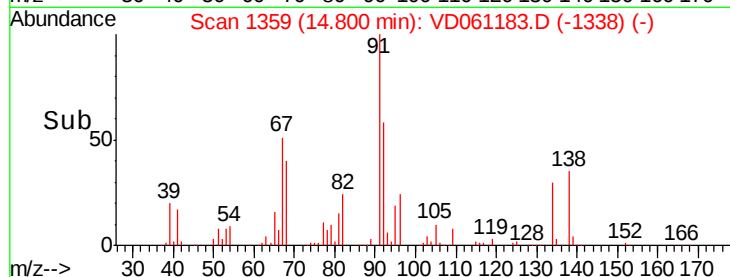
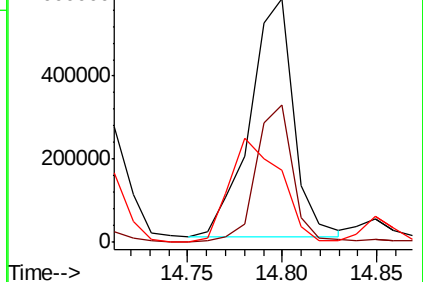
134 29.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 172.291 ug/l

RT: 15.09 min Scan# 1388

Delta R.T. 0.08 min

Lab File: VD061183.D

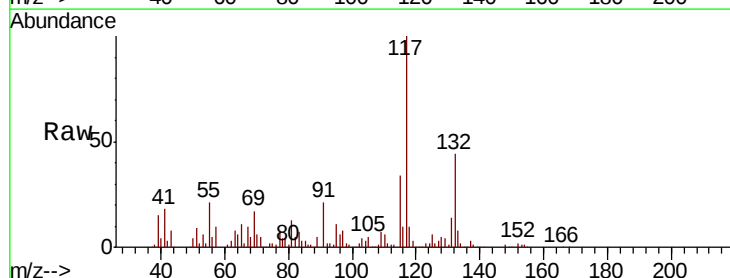
Acq: 19 Mar 2019 14:21

Tgt Ion: 117 Resp: 679916

Ion Ratio Lower Upper

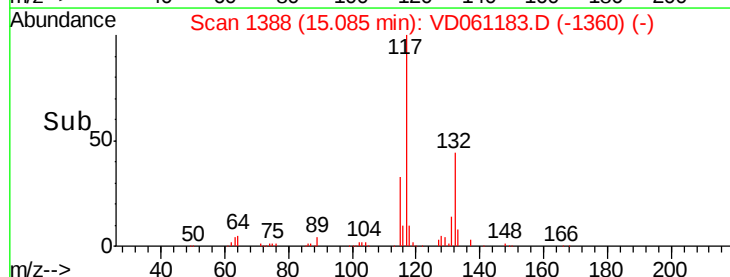
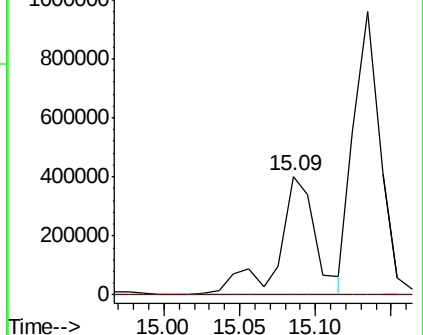
117 100

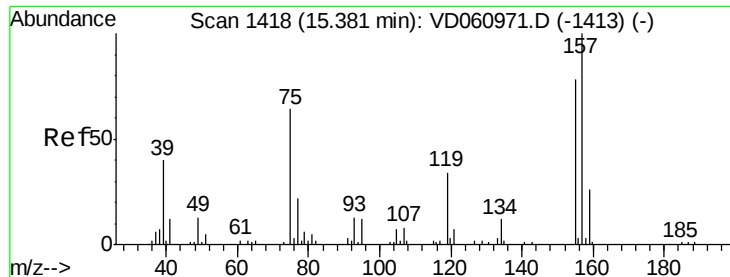
201 0.0 36.2 108.6#



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.299 ug/l

RT: 15.42 min Scan# 1422

Delta R.T. 0.04 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

Instrument :

MSVOA_D

ClientSampleId :

P-7-WEST-WALL-SOUTH

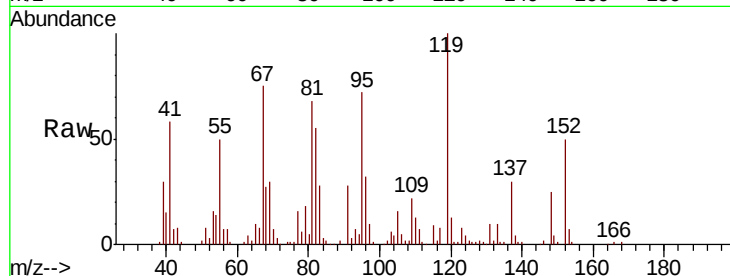
Tgt Ion: 75 Resp: 2100

Ion Ratio Lower Upper

75 100

155 0.0 61.2 183.5#

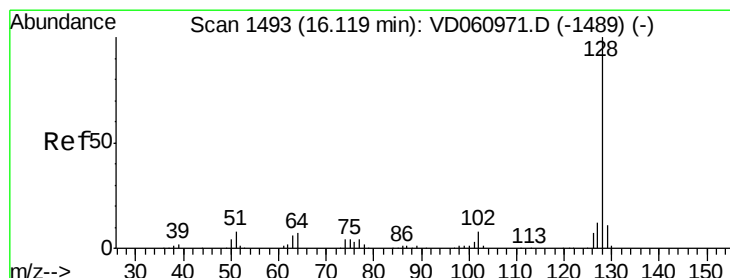
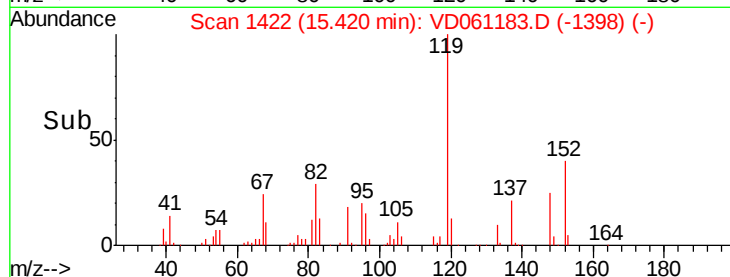
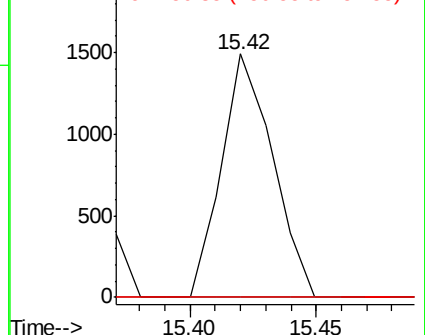
157 0.0 78.3 234.8#



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: 1.334 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD061183.D

Acq: 19 Mar 2019 14:21

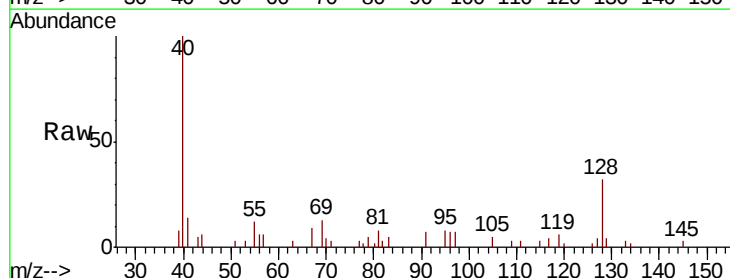
Tgt Ion: 128 Resp: 6024

Ion Ratio Lower Upper

128 100

127 13.9 9.8 14.8

129 11.6 8.5 12.7



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

