

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061501.D
 Acq On : 2 Apr 2019 8:07
 Operator : VA/AP
 Sample : K2180-21
 Misc : 4.49g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 03 00:43:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	571240	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.21	114	998633	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	730965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	336959	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	231118	47.36	ug/l	0.01
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	6.91	113	389192	51.00	ug/l	0.01
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	10.40	98	774727	42.33	ug/l	0.01
Spiked Amount			Recovery	=	84.66%	
62) 4-Bromofluorobenzene	13.55	95	322791	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	

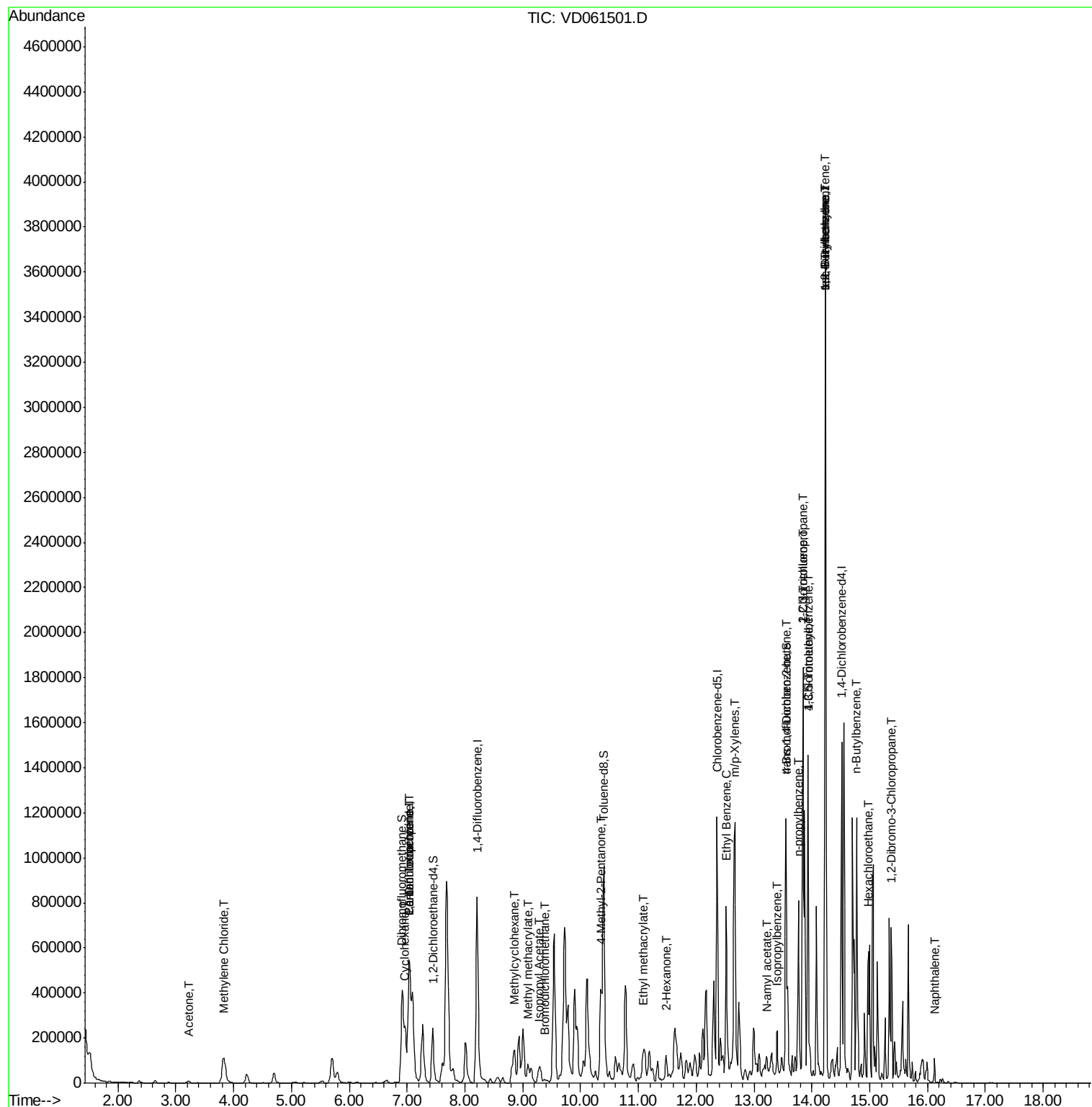
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	20428	16.285	ug/l	93
20) Methylene Chloride	3.82	84	59119	6.752	ug/l	94
31) Cyclohexane	6.96	56	60516	7.200	ug/l #	48
36) 1,1-Dichloropropene	7.03	75	41483	4.760	ug/l #	46
38) Carbon Tetrachloride	7.03	117	53696	5.361	ug/l #	14
39) Methylcyclohexane	8.85	83	87964	9.690	ug/l	96
43) Isopropyl Acetate	9.28	43	26379	4.864	ug/l #	42
47) Bromodichloromethane	9.38	83	13358	1.594	ug/l #	24
48) Methyl methacrylate	9.09	41	22243	7.431	ug/l #	38
51) 4-Methyl-2-Pentanone	10.35	43	77929	23.618	ug/l #	76
56) Ethyl methacrylate	11.08	69	17546	3.500	ug/l #	1
59) 2-Hexanone	11.48	43	54247	22.691	ug/l #	31
67) Ethyl Benzene	12.52	91	489725	21.478	ug/l	98
68) m/p-Xylenes	12.66	106	407931	47.229	ug/l	99
73) Isopropylbenzene	13.40	105	114113	4.866	ug/l	98
74) N-amyl acetate	13.21	43	10161	1.555	ug/l #	49
76) 1,2,3-Trichloropropane	13.84	75	7708	1.584	ug/l #	1
78) n-propylbenzene	13.77	91	533523	18.590	ug/l	96
79) 2-Chlorotoluene	13.84	91	175367	11.254	ug/l #	36
80) 1,3,5-Trimethylbenzene	13.93	105	761298	41.839	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.55	75	114306	77.021	ug/l #	19
82) 4-Chlorotoluene	13.92	91	74478	4.395	ug/l #	36
83) tert-Butylbenzene	14.24	119	250705	11.025	ug/l #	79
84) 1,2,4-Trimethylbenzene	14.24	105	2118186	107.525	ug/l	97
85) sec-Butylbenzene	14.24	105	2118186	87.681	ug/l #	60
89) n-Butylbenzene	14.77	91	147416	7.862	ug/l #	1
90) Hexachloroethane	14.98	117	45834	7.942	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	15.37	75	1347	2.321	ug/l #	1
95) Naphthalene	16.12	128	59397	8.858	ug/l	99

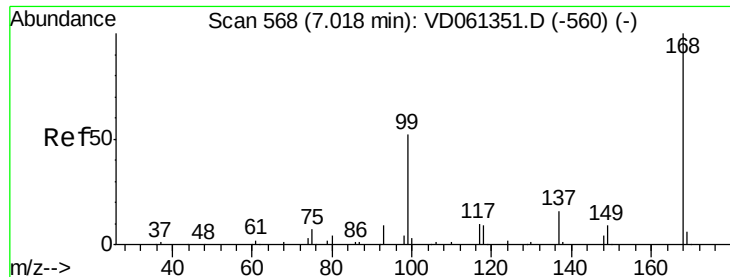
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061501.D

Acq: 2 Apr 2019 8:07

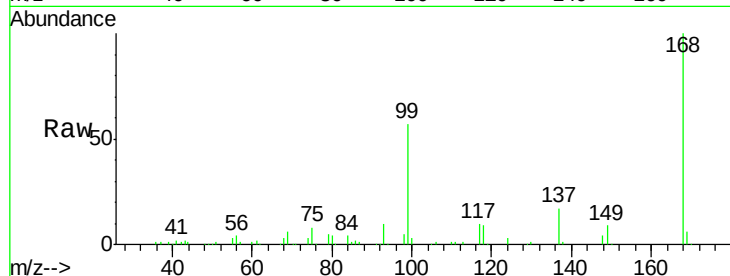
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 571240

Ion Ratio Lower Upper

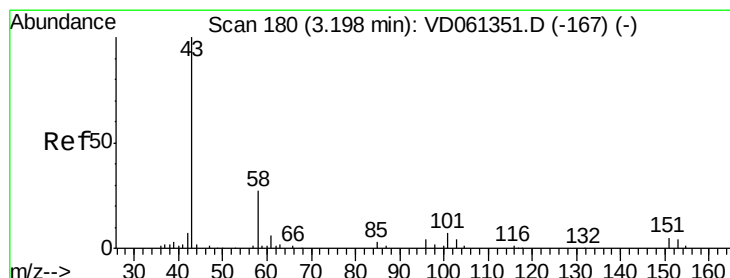
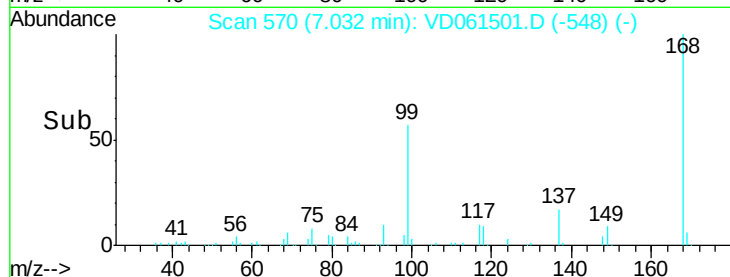
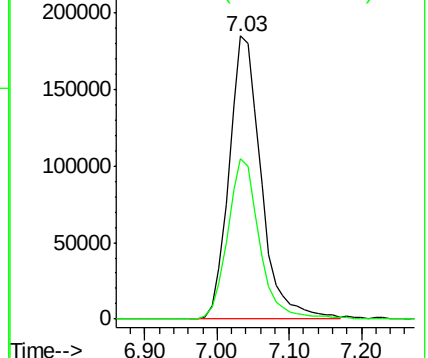
168 100

99 56.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 16.285 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061501.D

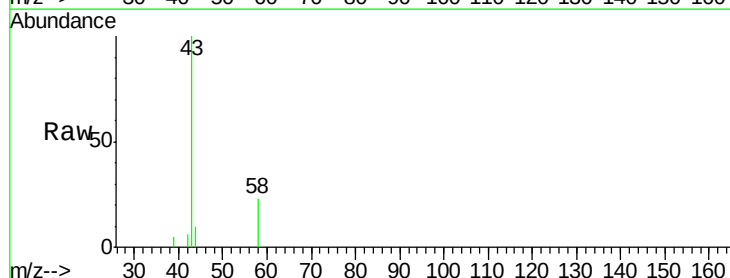
Acq: 2 Apr 2019 8:07

Tgt Ion: 43 Resp: 20428

Ion Ratio Lower Upper

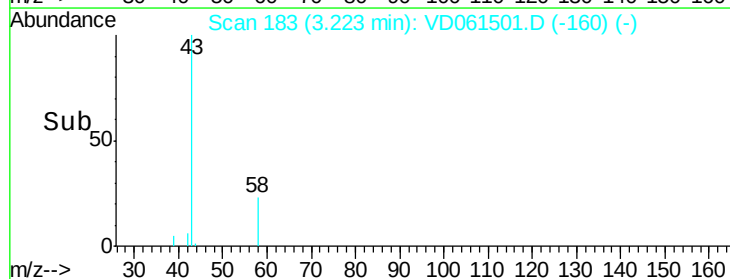
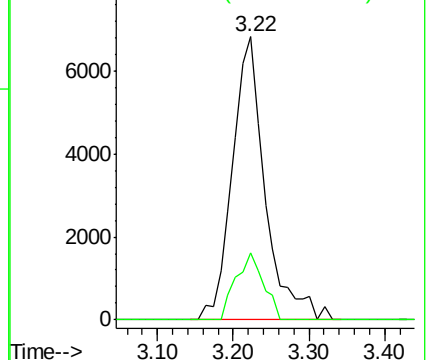
43 100

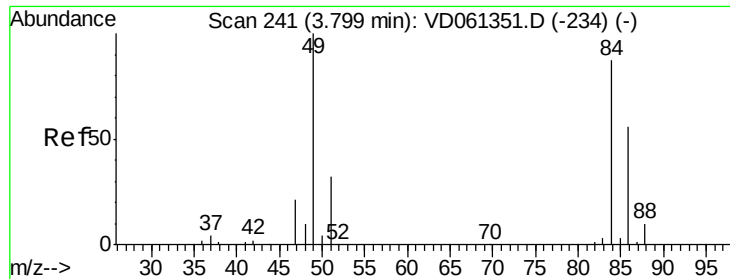
58 23.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

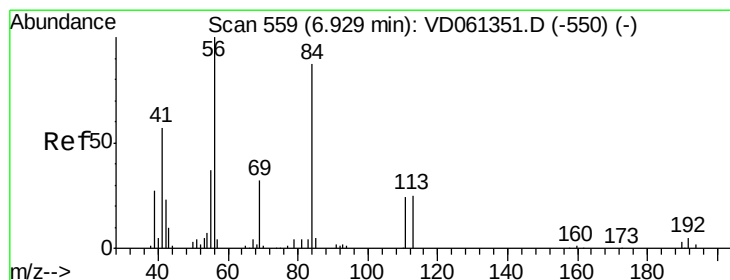
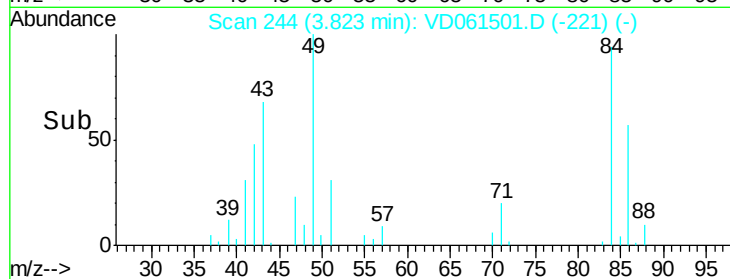
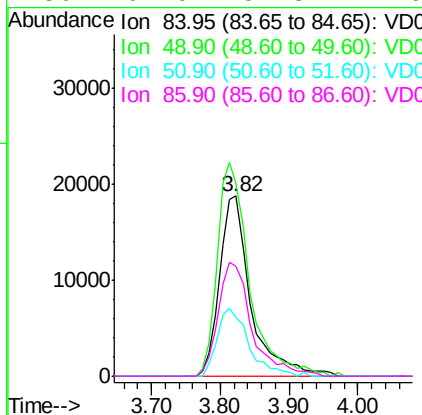
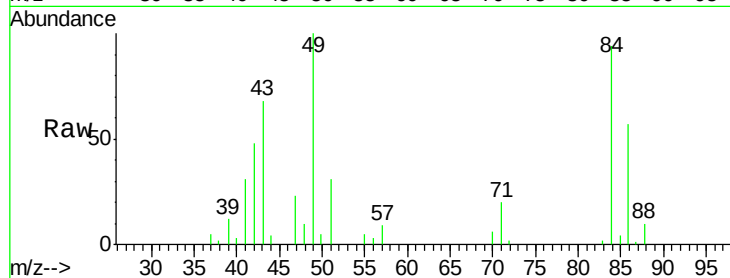




#20
Methvlene Chloride
Concen: 6.752 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

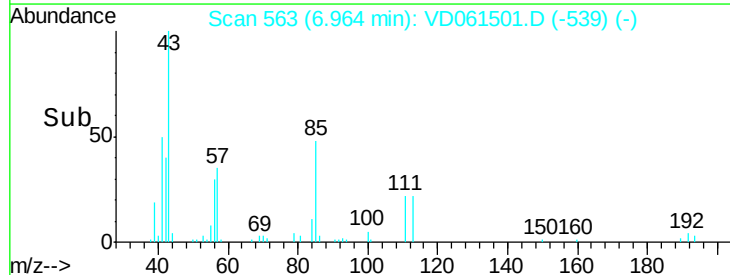
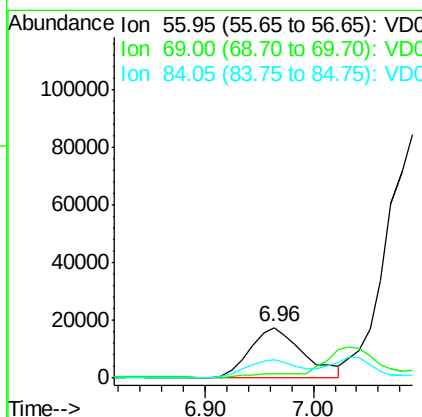
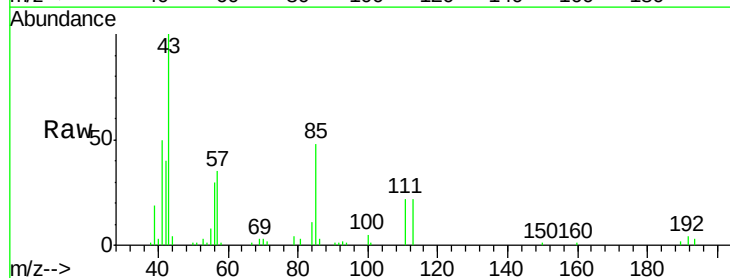
Instrument :
MSVOA_D
ClientSampleId :

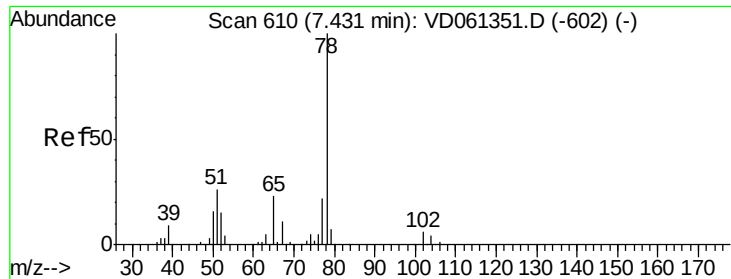
Tot Ion: 84 Resp: 59119
Ion Ratio Lower Upper
84 100
49 107.0 91.8 137.8
51 33.0 29.8 44.8
86 61.0 51.8 77.6



#31
Cyclohexane
Concen: 7.200 ug/l
RT: 6.96 min Scan# 563
Delta R.T. 0.03 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion: 56 Resp: 60516
Ion Ratio Lower Upper
56 100
69 9.1 25.7 38.5#
84 36.6 70.6 105.8#

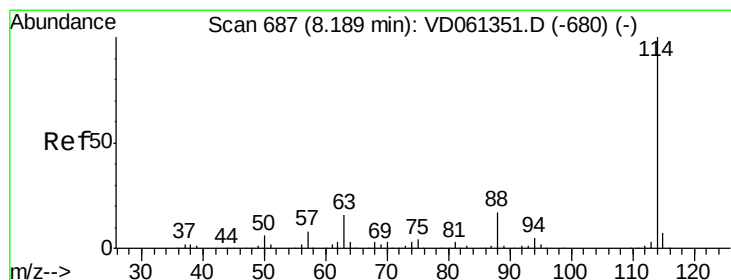
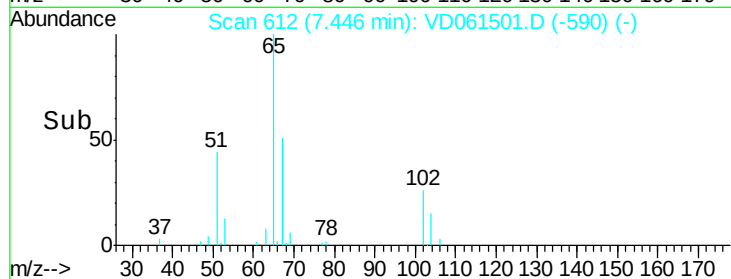
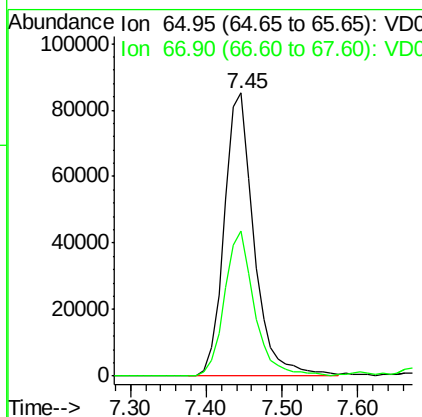
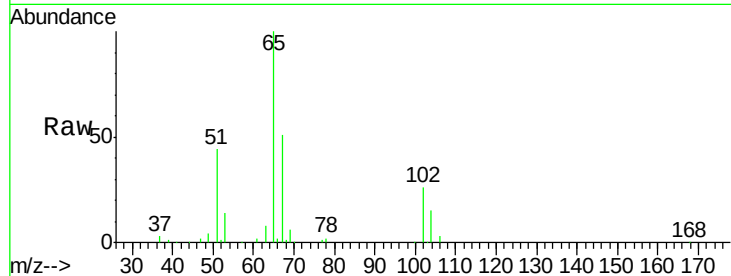




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

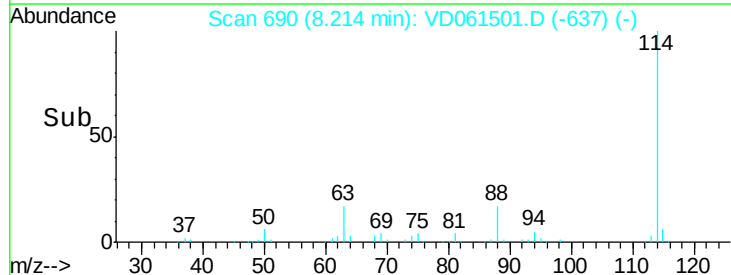
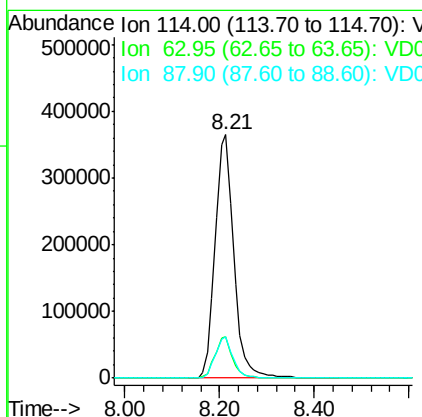
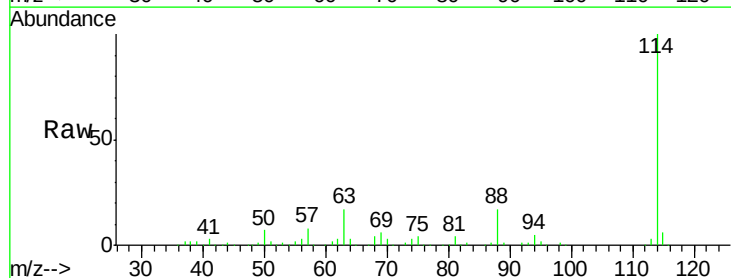
Instrument :
 MSVOA_D
 ClientSampleId :

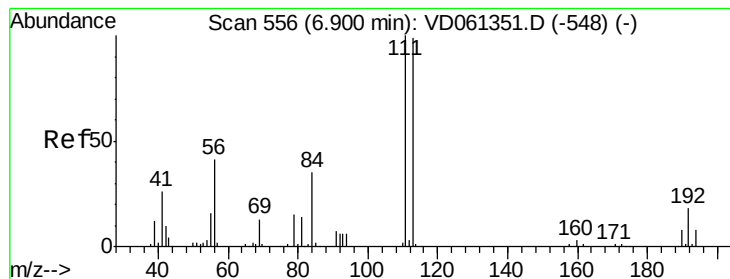
Tot Ion: 65 Resp: 231118
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Tgt Ion: 114 Resp: 998633
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.6
 88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Instrument :

MSVOA_D

ClientSampleId :

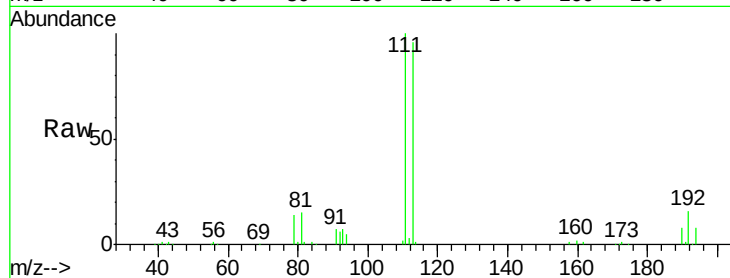
Tot Ion:113 Resp: 389192

Ion Ratio Lower Upper

113 100

111 104.5 81.0 121.6

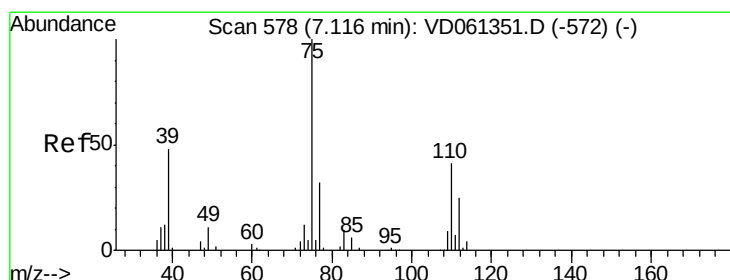
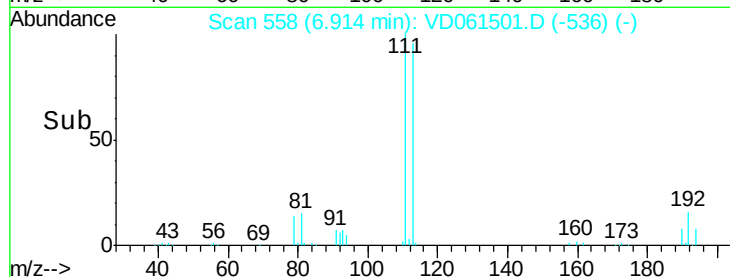
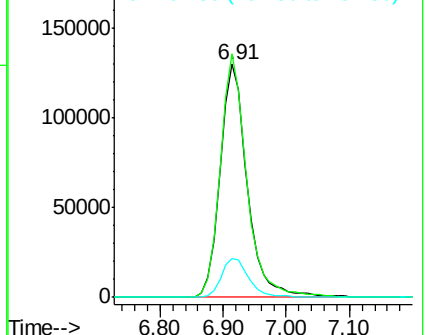
192 16.7 14.4 21.6



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: 4.760 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.08 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

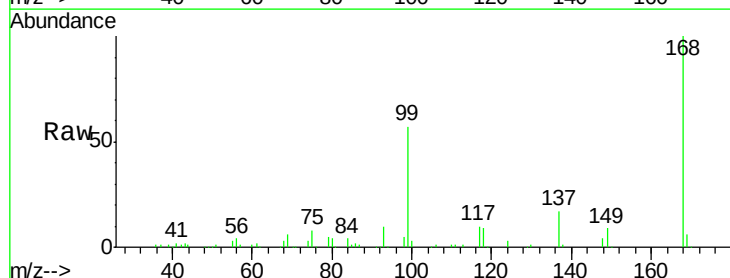
Tgt Ion: 75 Resp: 41483

Ion Ratio Lower Upper

75 100

110 8.4 20.4 61.3#

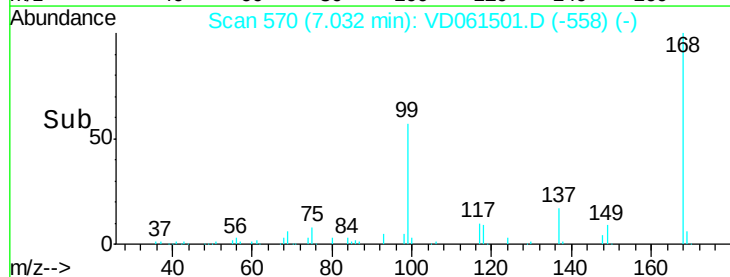
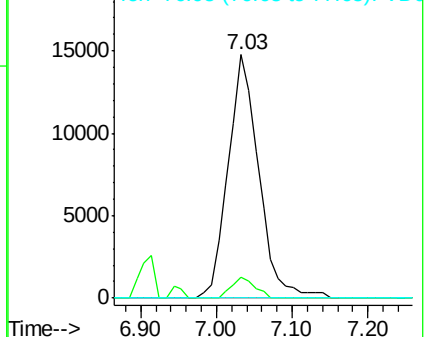
77 0.0 24.9 37.3#

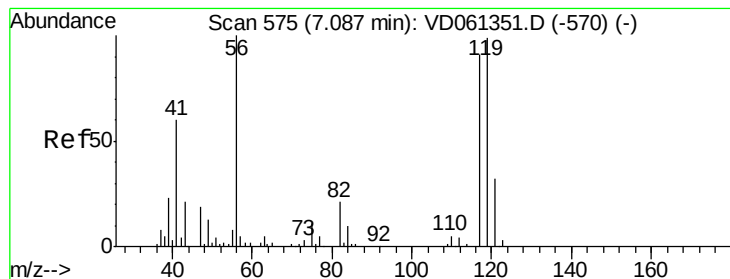


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.361 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Instrument :

MSVOA_D

ClientSampleId :

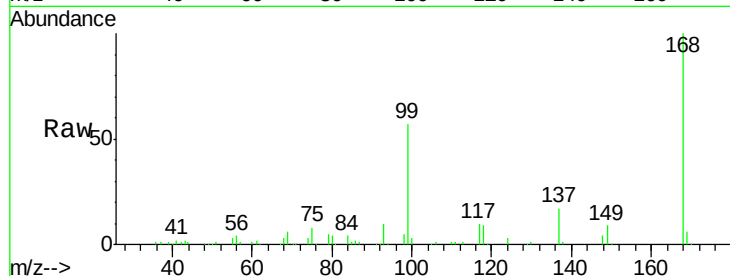
Tot Ion:117 Resp: 53696

Ion Ratio Lower Upper

117 100

119 4.6 80.1 120.1#

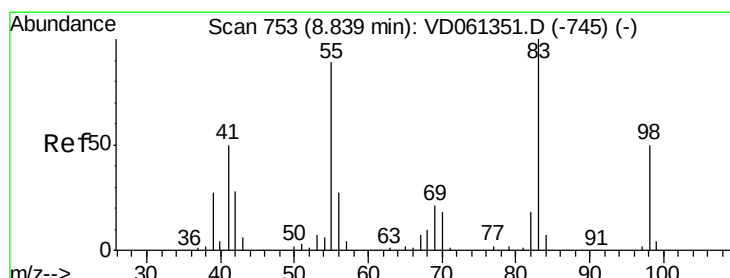
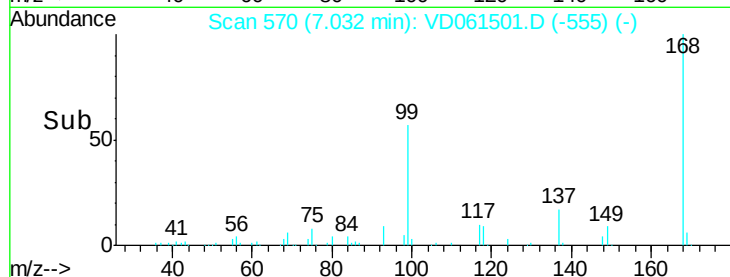
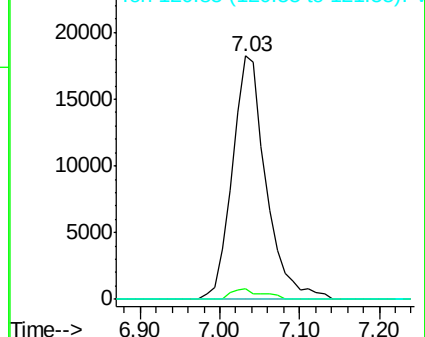
121 0.0 25.6 38.4#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#39

Methylcyclohexane

Concen: 9.690 ug/l

RT: 8.85 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

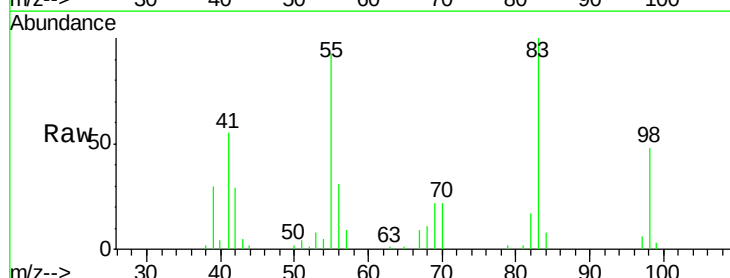
Tgt Ion: 83 Resp: 87964

Ion Ratio Lower Upper

83 100

55 93.2 71.5 107.3

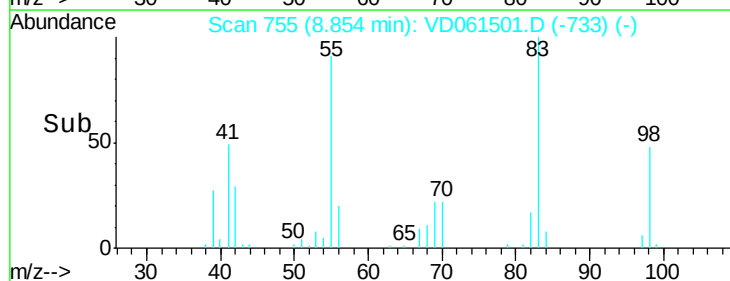
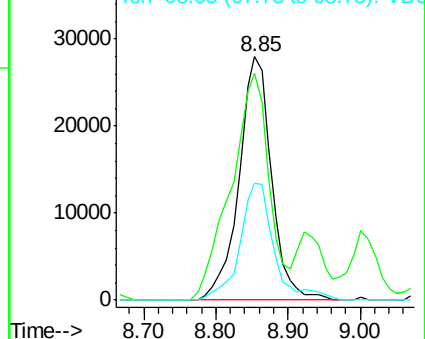
98 48.0 40.3 60.5

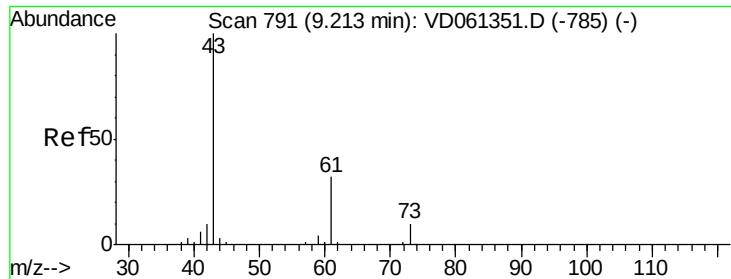


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC





#43

Isopropyl Acetate

Concen: 4.864 ug/l

RT: 9.28 min Scan# 798

Delta R.T. 0.06 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Instrument :

MSVOA_D

ClientSampled :

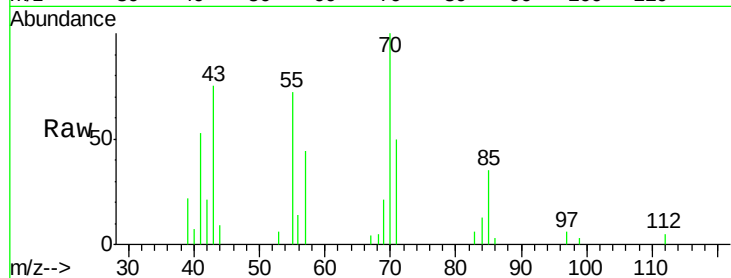
Tot Ion: 43 Resp: 26379

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.6#

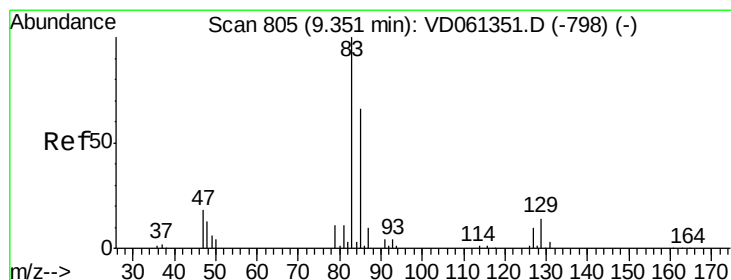
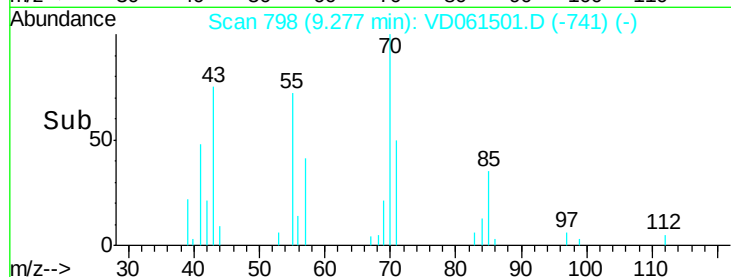
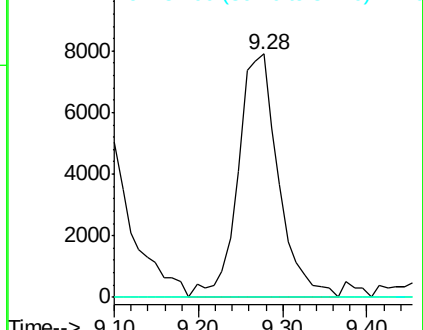
87 0.0 0.0 0.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#47

Bromodichloromethane

Concen: 1.594 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

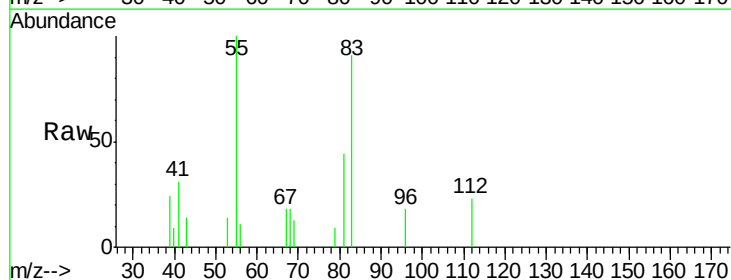
Tgt Ion: 83 Resp: 13358

Ion Ratio Lower Upper

83 100

85 0.0 53.0 79.4#

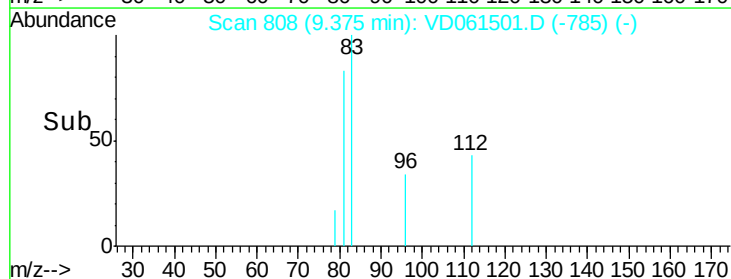
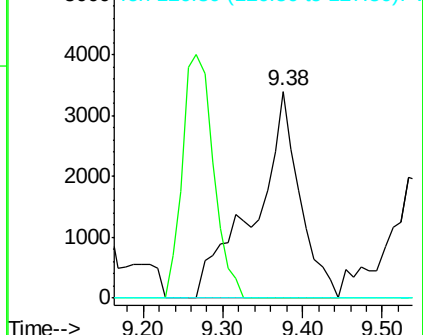
127 0.0 8.4 12.6#

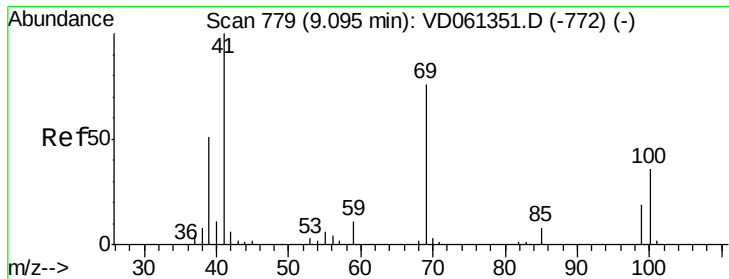


Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC

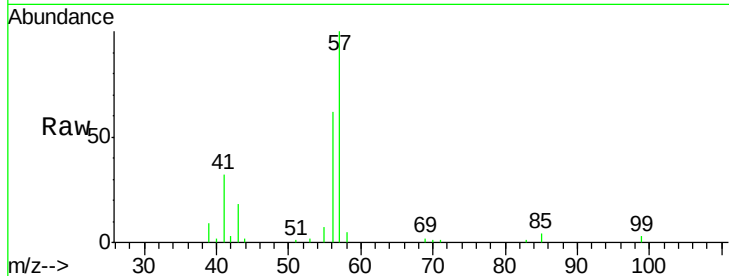




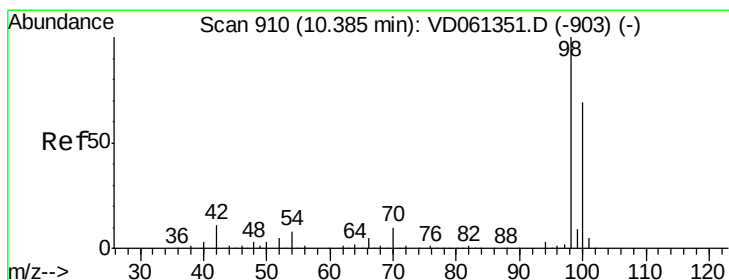
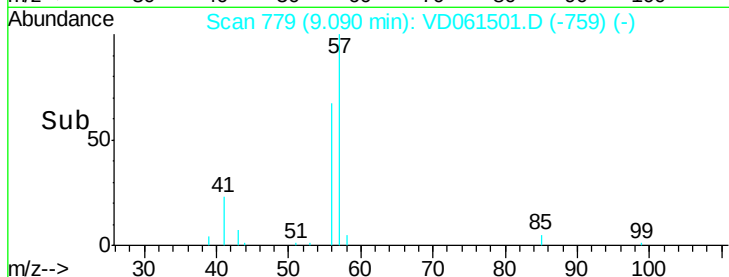
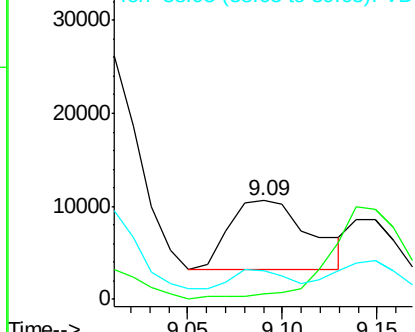
#48
Methvl methacrylate
Concen: 7.431 ug/l
RT: 9.09 min Scan# 779
Delta R.T. -0.01 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 41 Resp: 22243
Ion Ratio Lower Upper
41 100
69 5.5 60.2 90.4#
39 28.7 41.4 62.2#

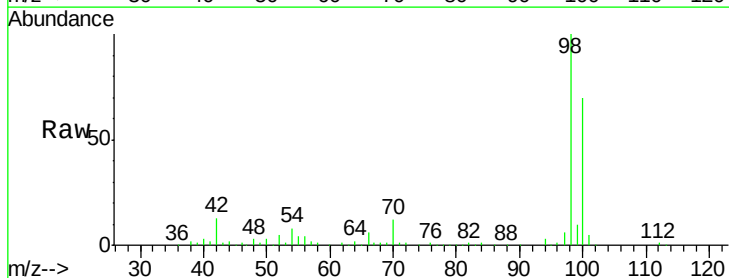


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

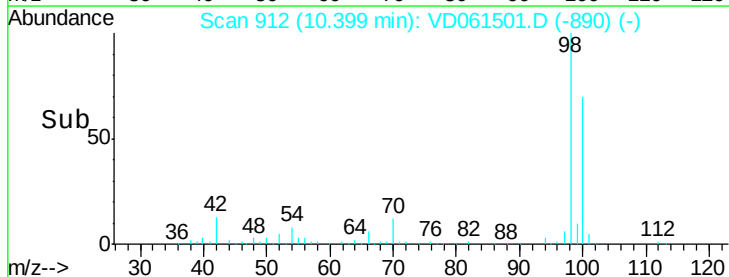
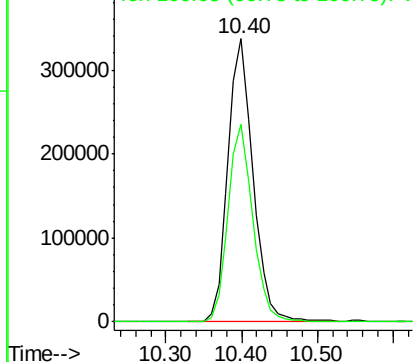


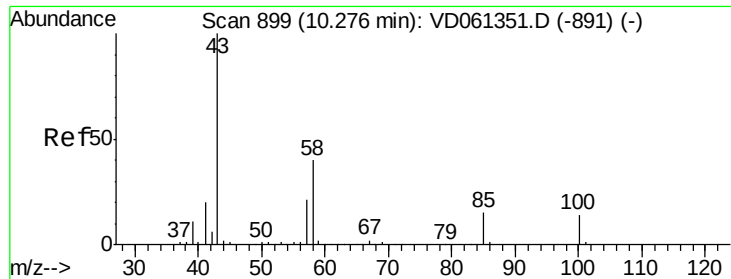
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion: 98 Resp: 774727
Ion Ratio Lower Upper
98 100
100 69.9 56.2 84.2



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: 23.618 ug/l

RT: 10.35 min Scan# 907

Delta R.T. 0.07 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

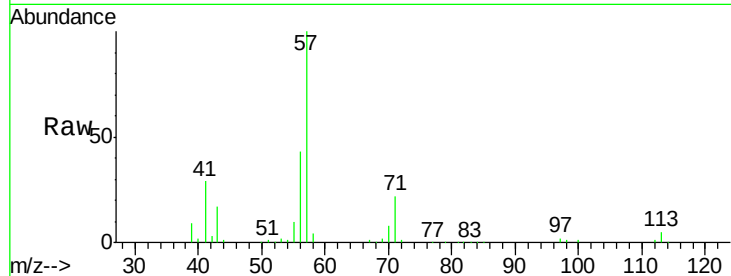
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 77929

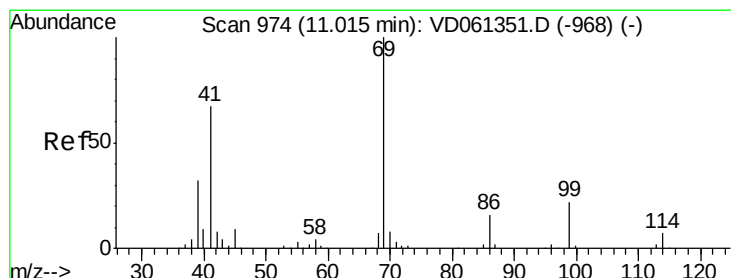
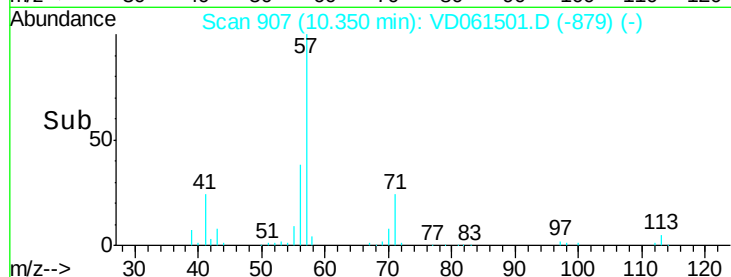
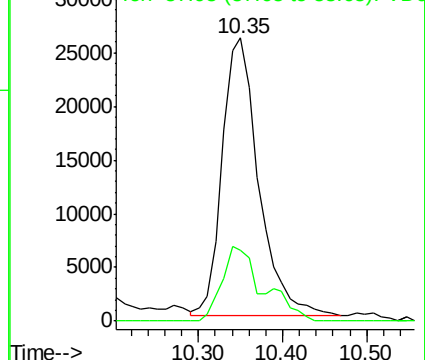
Ion Ratio Lower Upper

43 100

58 25.1 31.8 47.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



#56

Ethyl methacrylate

Concen: 3.500 ug/l

RT: 11.08 min Scan# 981

Delta R.T. 0.06 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

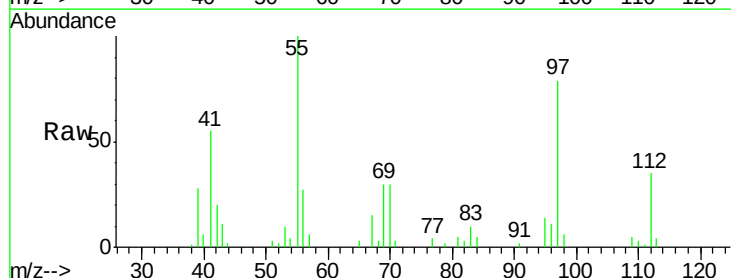
Tgt Ion: 69 Resp: 17546

Ion Ratio Lower Upper

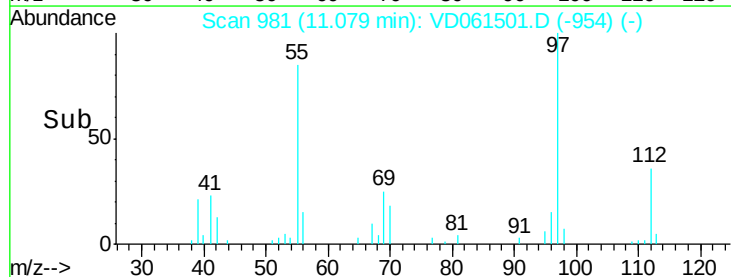
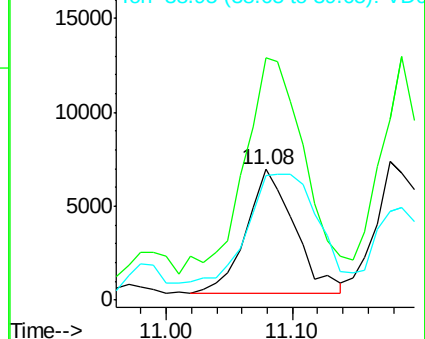
69 100

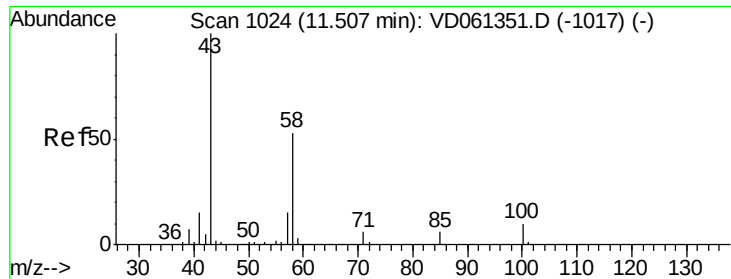
41 184.9 53.8 80.6#

39 95.5 26.4 39.6#



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

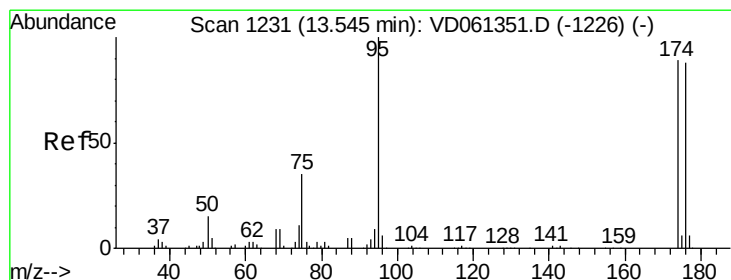
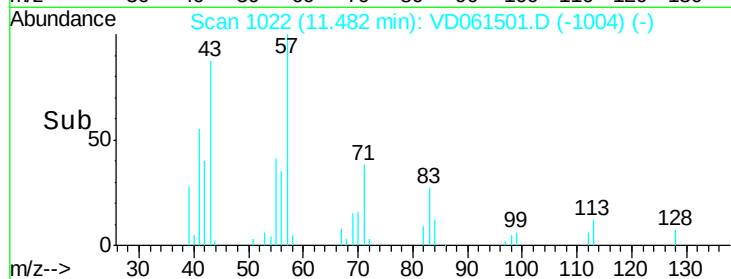
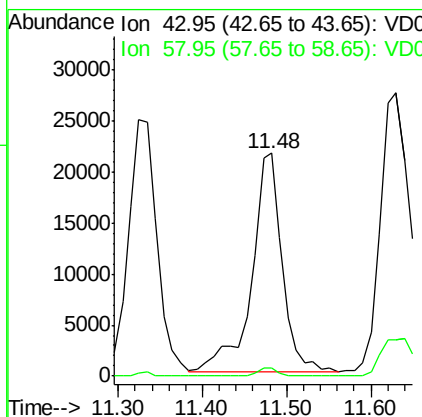
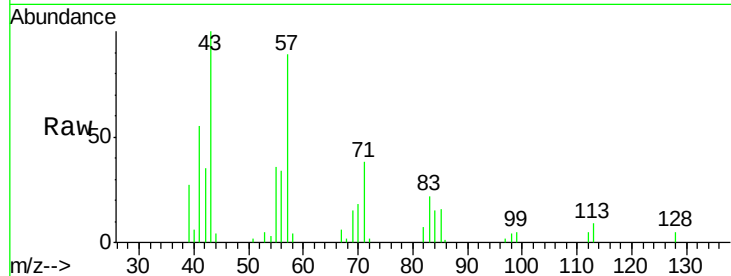




#59
2-Hexanone
Concen: 22.691 ug/l
RT: 11.48 min Scan# 1022
Delta R.T. -0.02 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

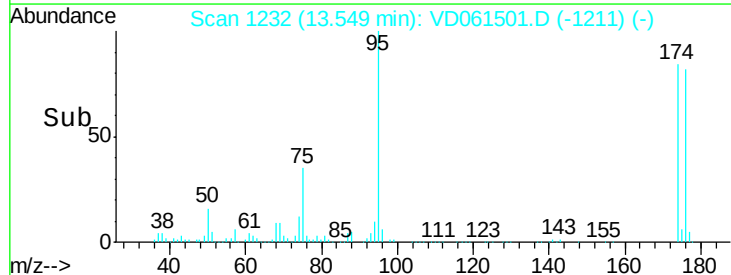
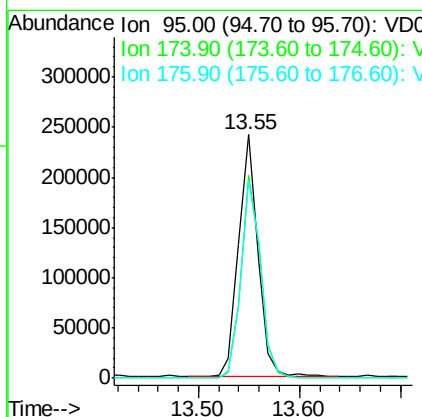
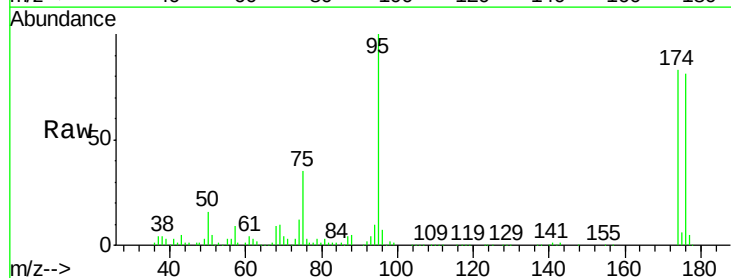
Instrument :
MSVOA_D
ClientSampled :

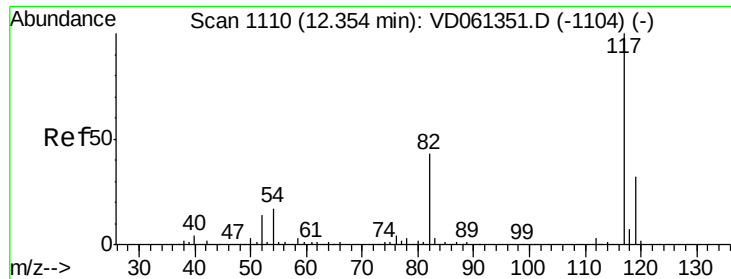
Tot Ion: 43 Resp: 54247
Ion Ratio Lower Upper
43 100
58 3.9 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion: 95 Resp: 322791
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.0
176 81.3 0.0 175.0

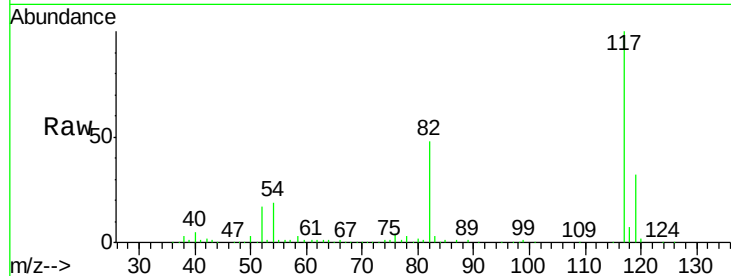




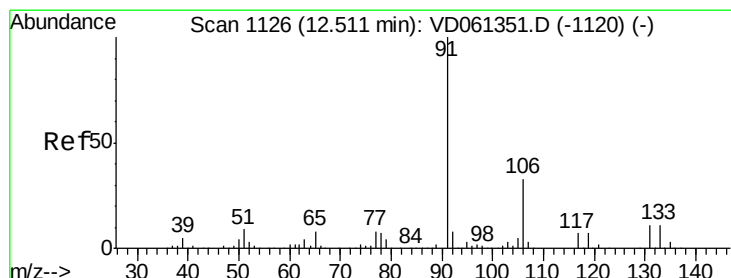
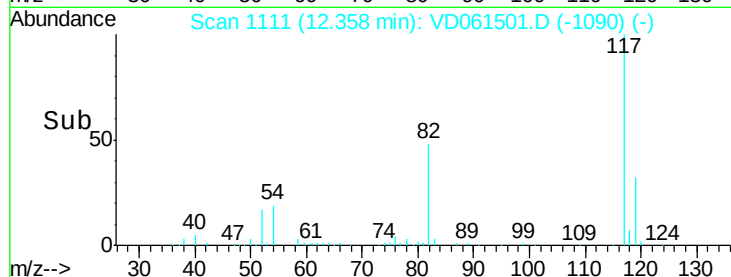
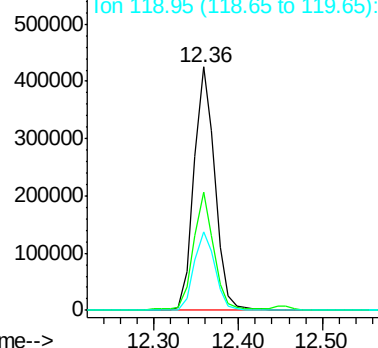
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 730965
Ion Ratio Lower Upper
117 100
82 48.4 34.4 51.6
119 32.3 25.8 38.6

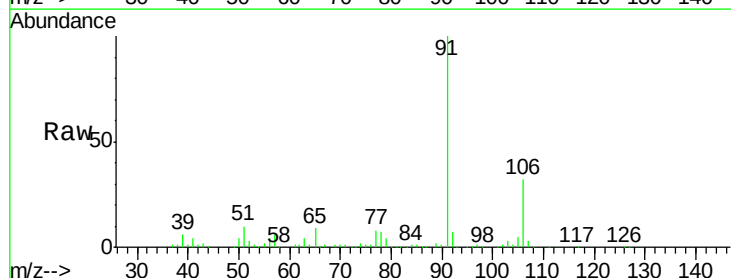


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

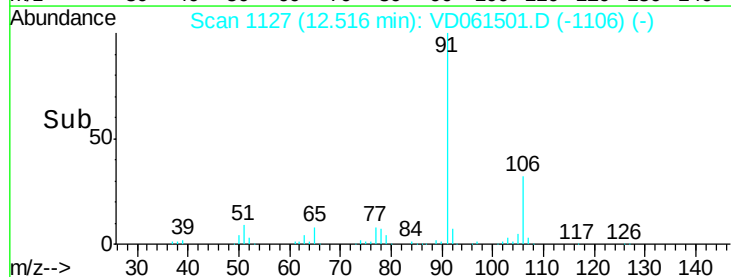
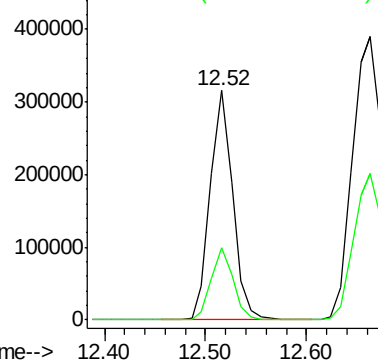


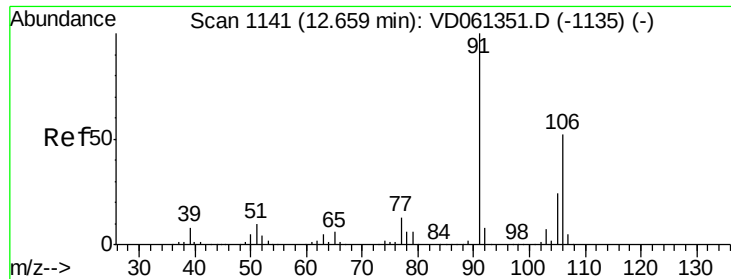
#67
Ethyl Benzene
Concen: 21.478 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion: 91 Resp: 489725
Ion Ratio Lower Upper
91 100
106 31.7 26.1 39.1



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

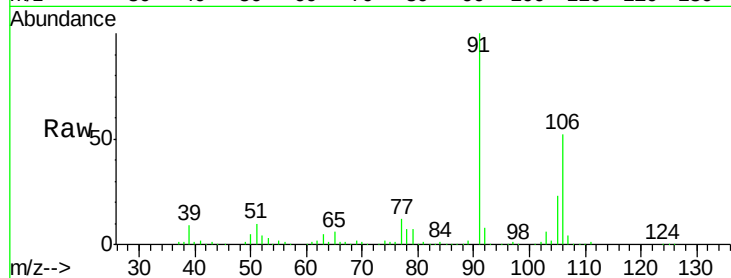




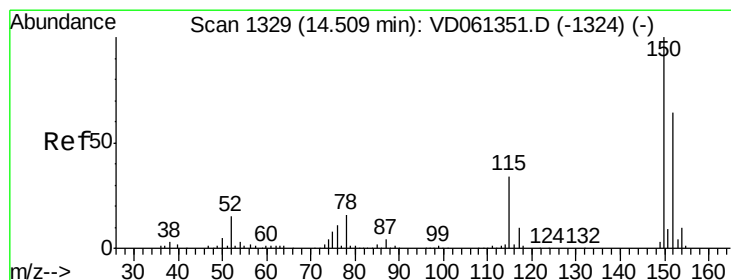
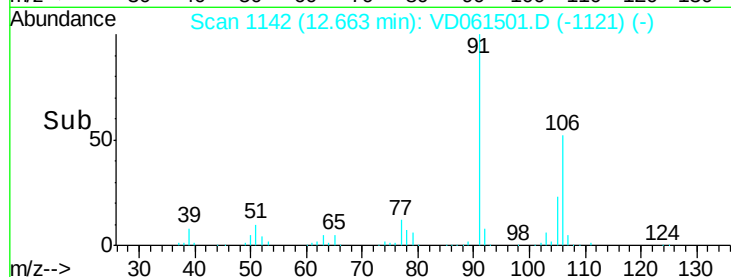
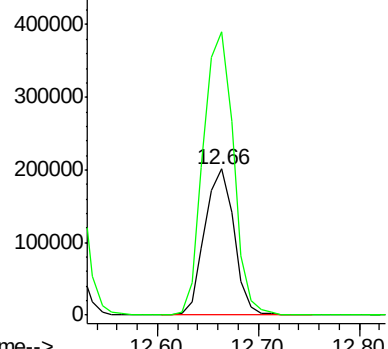
#68
m/p-Xvlenes
Concen: 47.229 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 407931
Ion Ratio Lower Upper
106 100
91 193.5 153.1 229.7

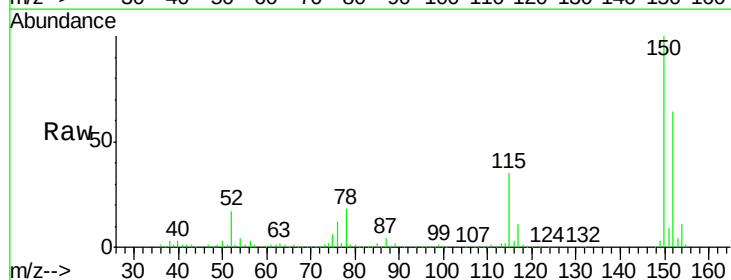


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

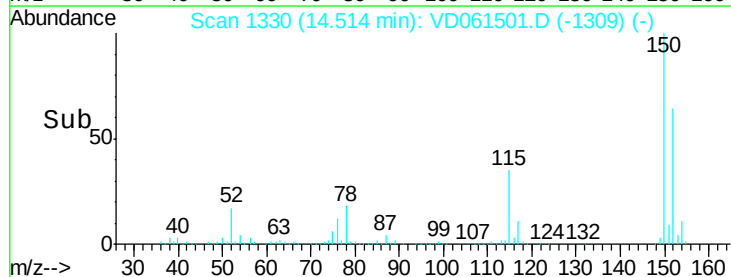
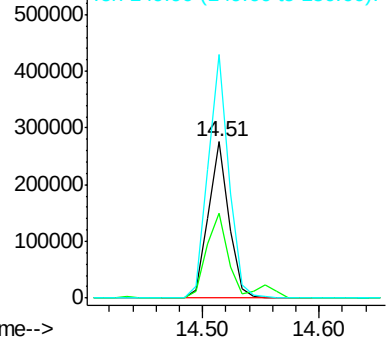


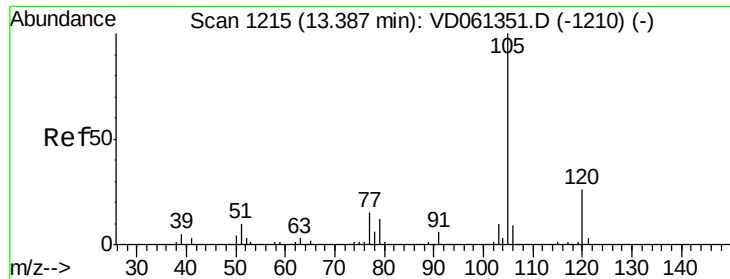
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion:152 Resp: 336959
Ion Ratio Lower Upper
152 100
115 54.6 26.9 80.6
150 155.7 0.0 318.0



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: 4.866 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Instrument :

MSVOA_D

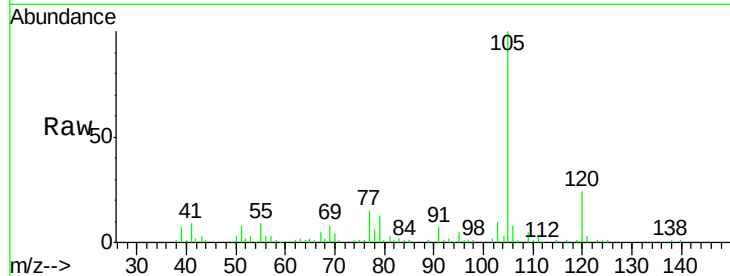
ClientSampleId :

Tot Ion: 105 Resp: 114113

Ion Ratio Lower Upper

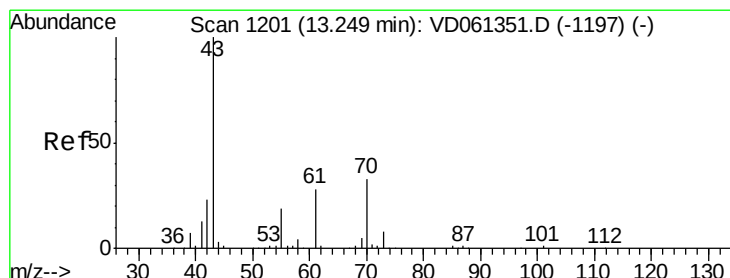
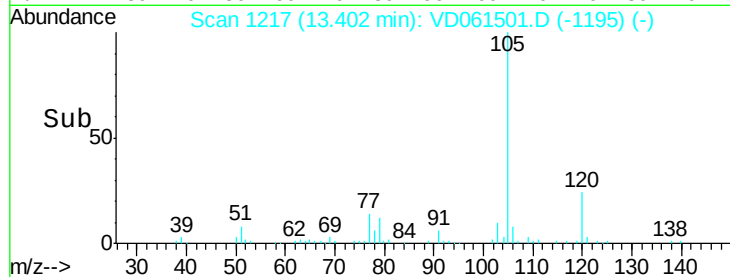
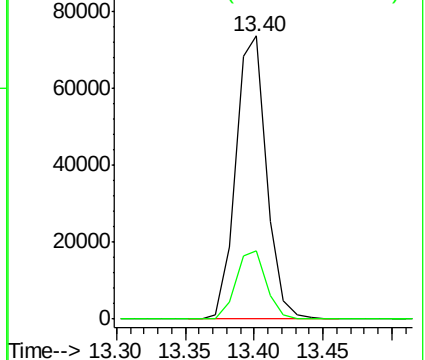
105 100

120 24.4 12.8 38.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 1.555 ug/l

RT: 13.21 min Scan# 1198

Delta R.T. -0.03 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Tgt Ion: 43 Resp: 10161

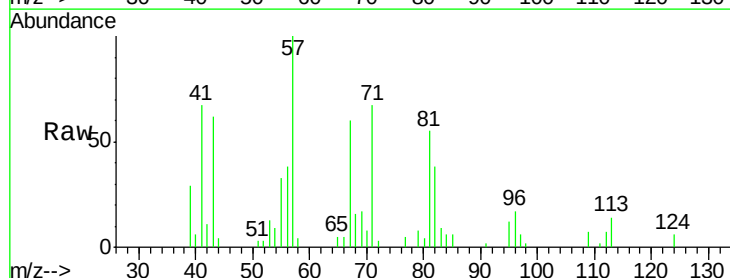
Ion Ratio Lower Upper

43 100

70 12.2 26.6 40.0#

55 52.5 15.4 23.2#

61 0.0 22.2 33.4#

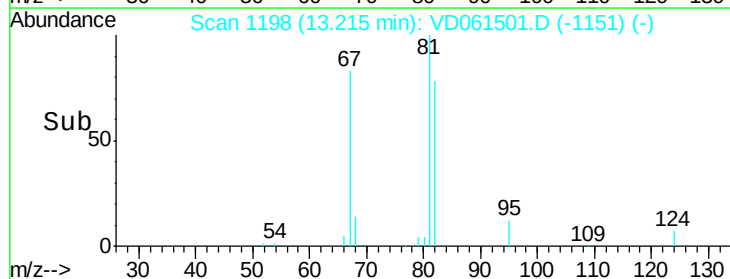
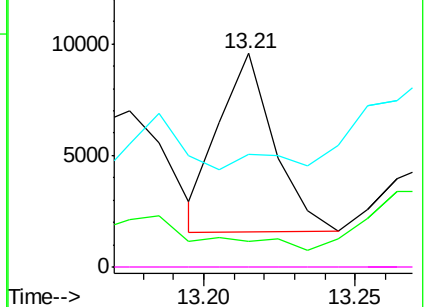


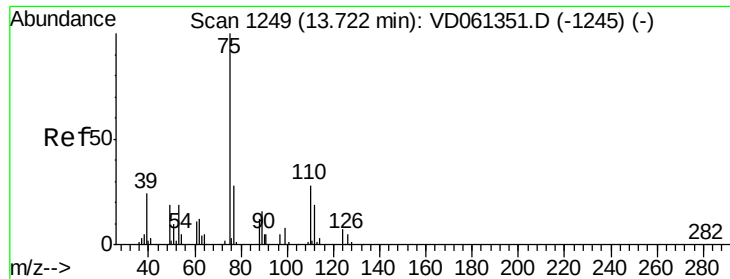
Abundance Ion 42.95 (42.65 to 43.65): VDC

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

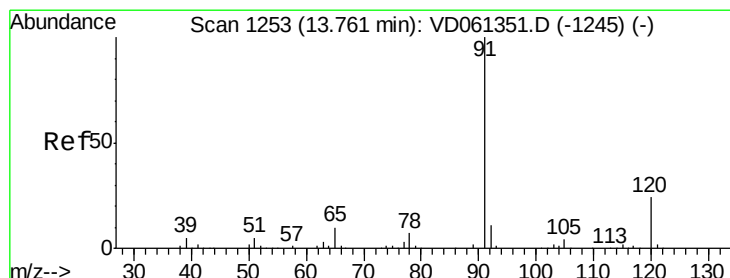
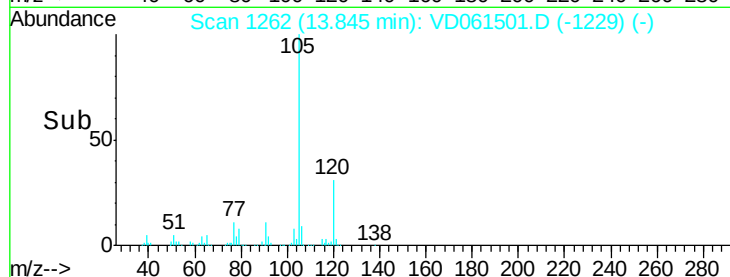
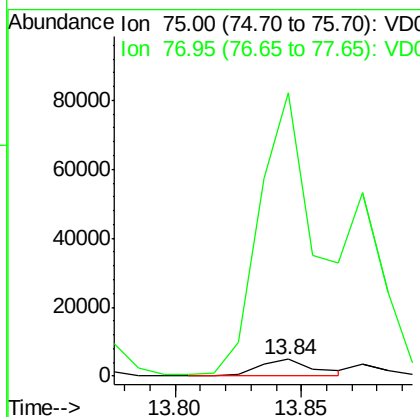
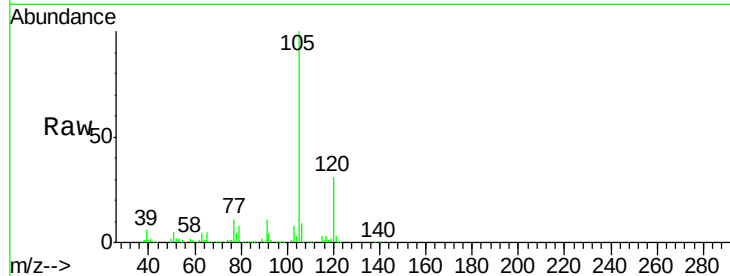




#76
 1,2,3-Trichloropropane
 Concen: 1.584 ug/l
 RT: 13.84 min Scan# 1262
 Delta R.T. 0.12 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

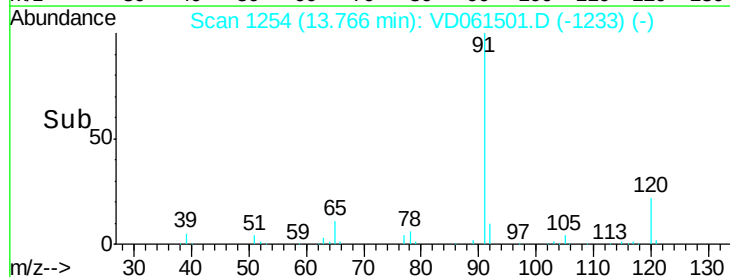
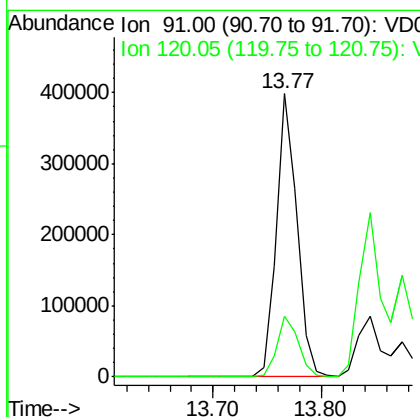
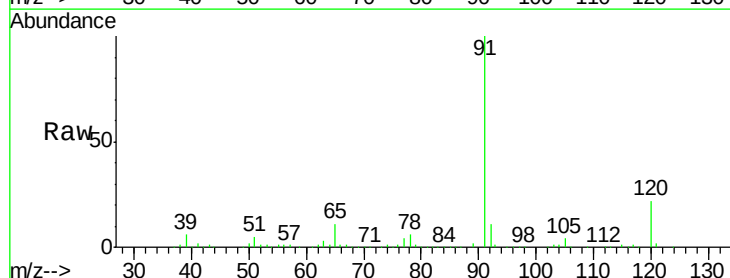
Instrument :
 MSVOA_D
 ClientSampled :

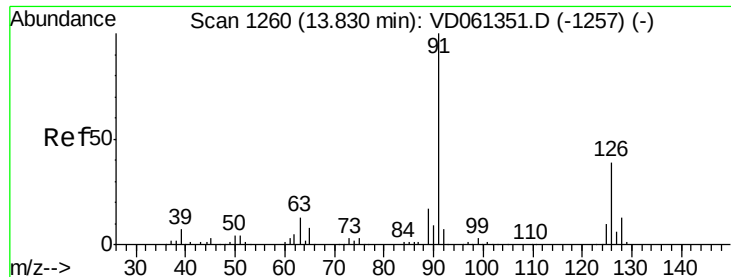
Tot Ion: 75 Resp: 7708
 Ion Ratio Lower Upper
 75 100
 77 1674.4 16.2 48.5#



#78
 n-propylbenzene
 Concen: 18.590 ug/l
 RT: 13.77 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Tgt Ion: 91 Resp: 533523
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.8 35.3





#79

2-Chlorotoluene

Concen: 11.254 ug/l

RT: 13.84 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Instrument :

MSVOA_D

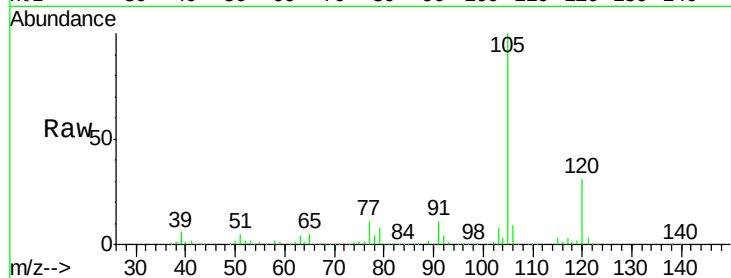
ClientSampleId :

Tot Ion: 91 Resp: 175367

Ion Ratio Lower Upper

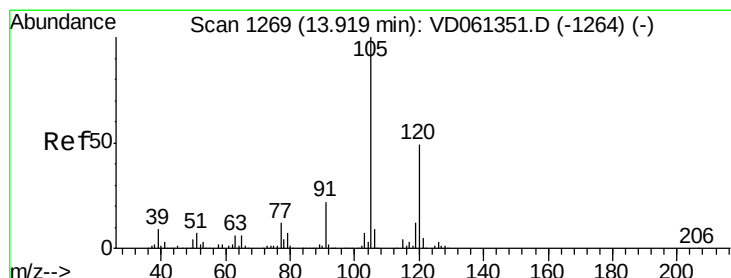
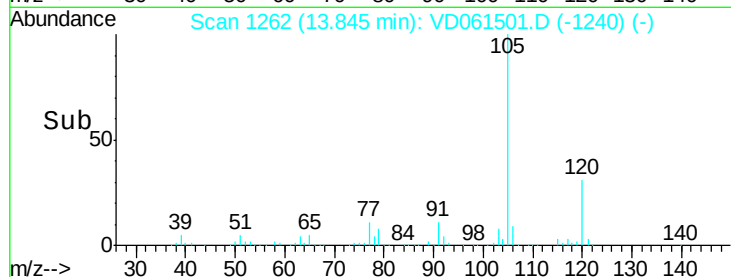
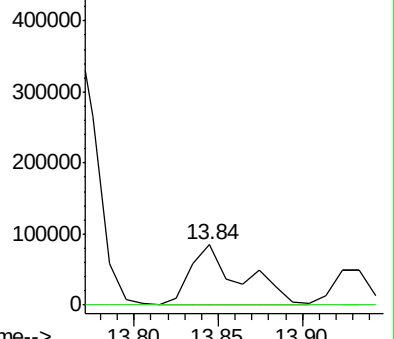
91 100

126 0.0 19.4 58.2#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 41.839 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD061501.D

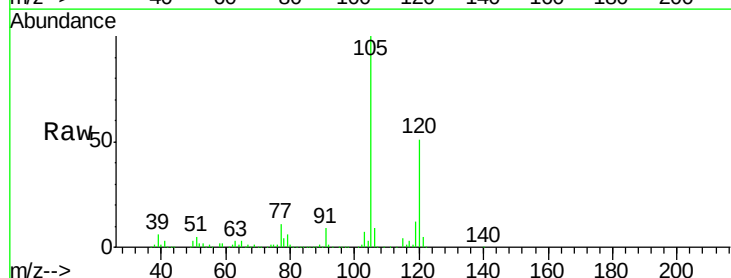
Acq: 2 Apr 2019 8:07

Tgt Ion: 105 Resp: 761298

Ion Ratio Lower Upper

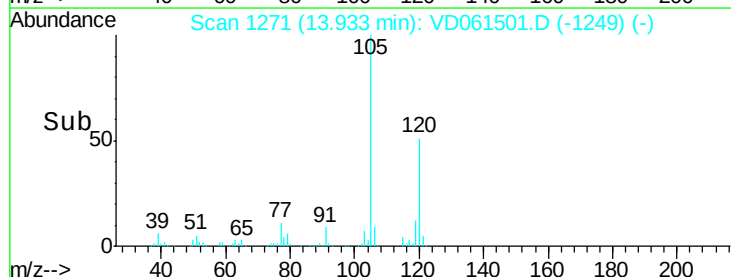
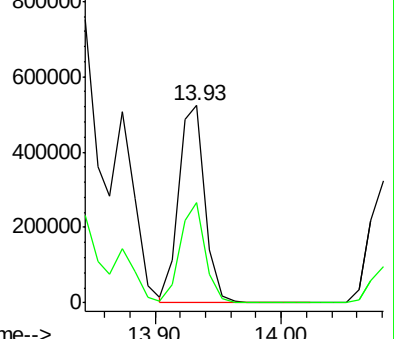
105 100

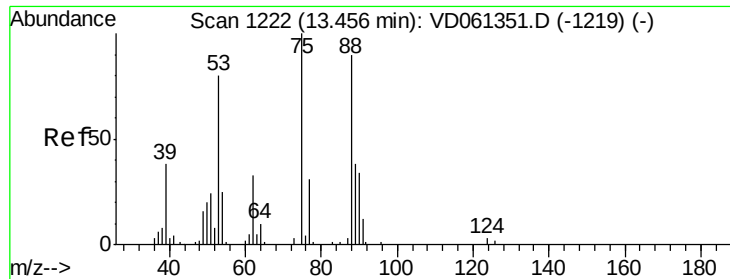
120 51.2 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 77.021 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Instrument :

MSVOA_D

ClientSampleId :

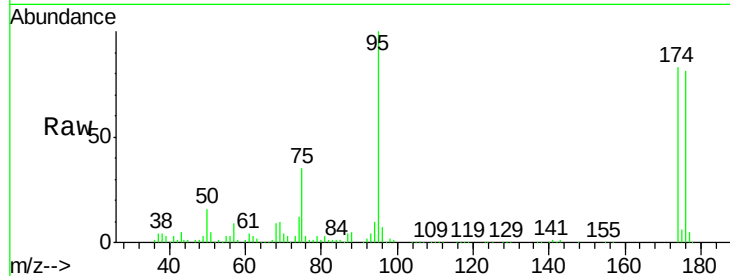
Tot Ion: 75 Resp: 114306

Ion Ratio Lower Upper

75 100

53 1.5 63.8 95.8#

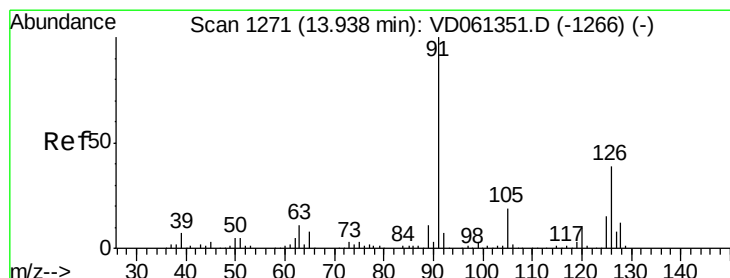
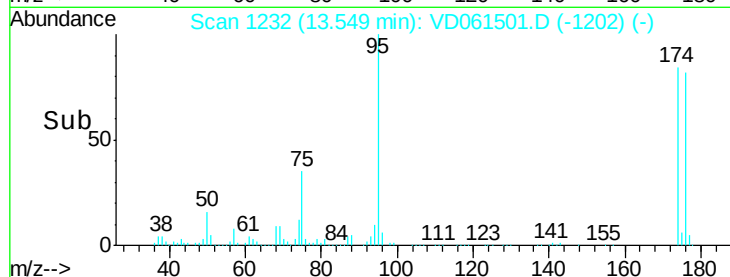
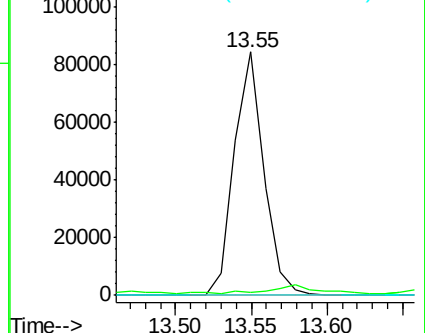
89 0.0 30.5 45.7#



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: 4.395 ug/l

RT: 13.92 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD061501.D

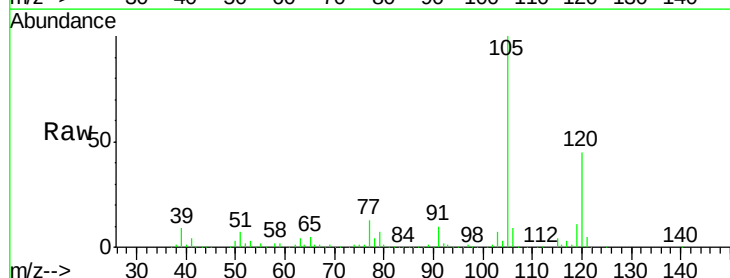
Acq: 2 Apr 2019 8:07

Tgt Ion: 91 Resp: 74478

Ion Ratio Lower Upper

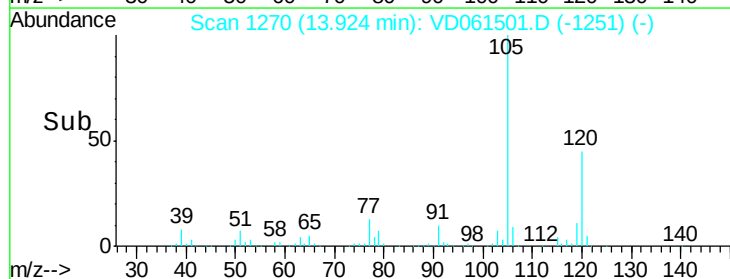
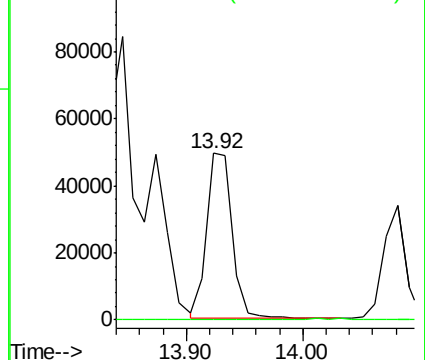
91 100

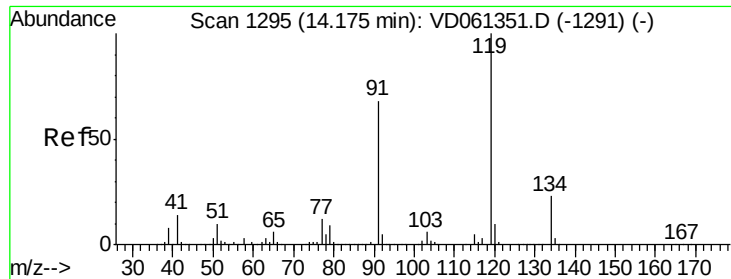
126 0.0 19.6 58.8#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

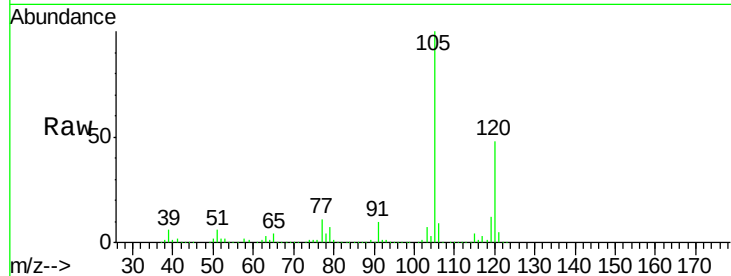




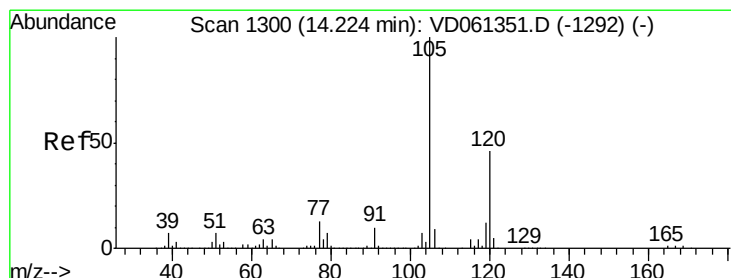
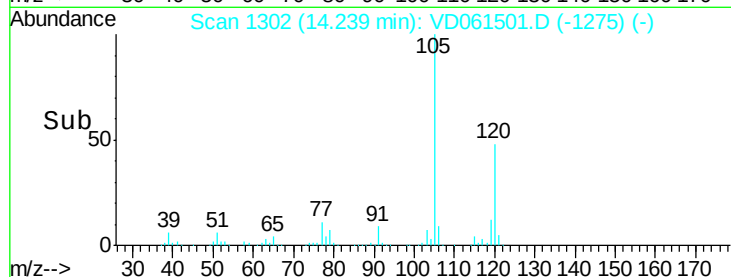
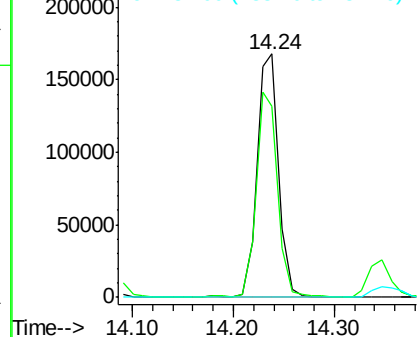
#83
 tert-Butylbenzene
 Concen: 11.025 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.06 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:119 Resp: 250705
 Ion Ratio Lower Upper
 119 100
 91 78.4 34.1 102.3
 134 0.0 11.6 34.8#

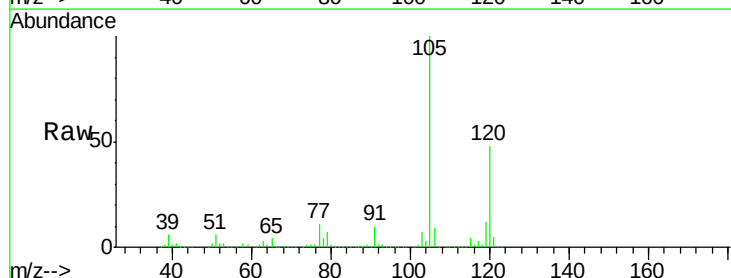


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

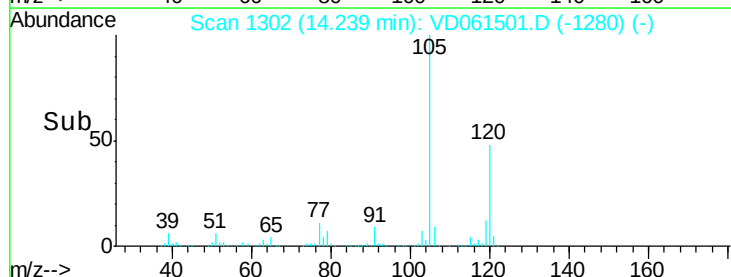
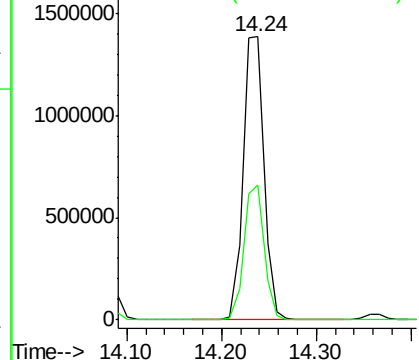


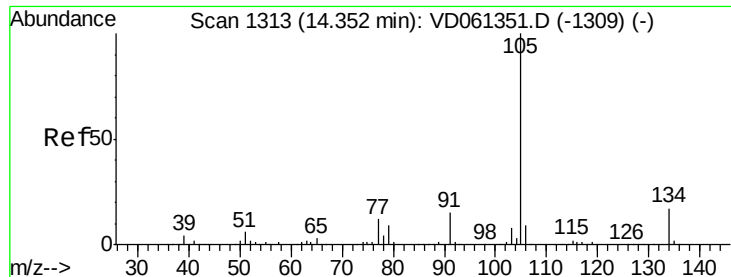
#84
 1,2,4-Trimethylbenzene
 Concen: 107.525 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Tgt Ion:105 Resp: 2118186
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.8 68.4



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





#85

sec-Butylbenzene

Concen: 87.681 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. -0.11 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

Instrument :

MSVOA_D

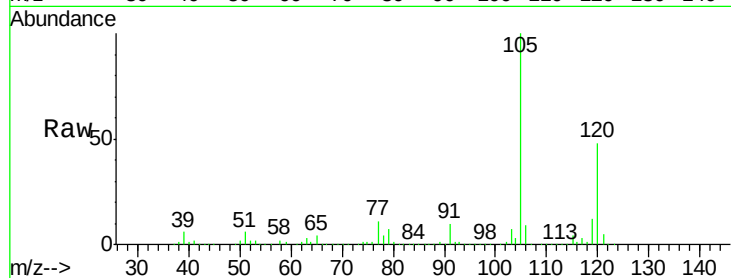
ClientSampleId :

Tot Ion:105 Resp: 2118186

Ion Ratio Lower Upper

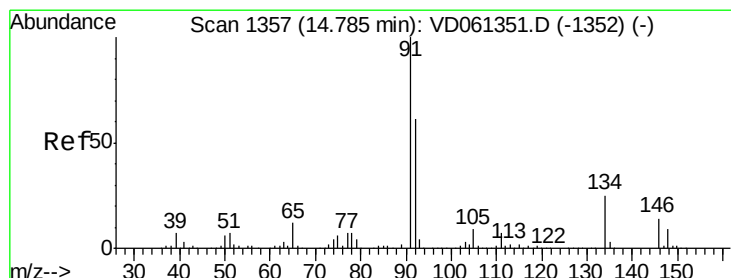
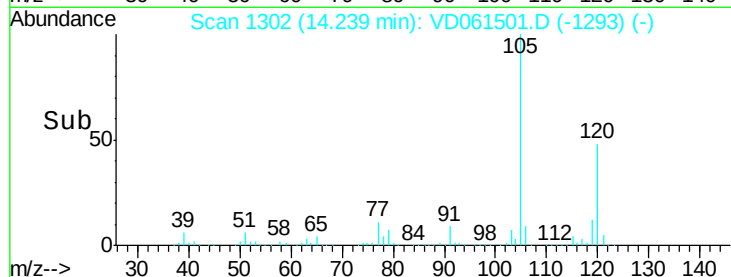
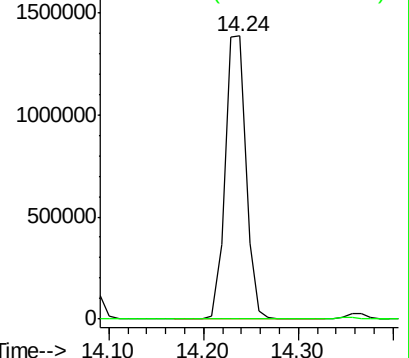
105 100

134 0.0 8.7 26.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#89

n-Butylbenzene

Concen: 7.862 ug/l

RT: 14.77 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VD061501.D

Acq: 2 Apr 2019 8:07

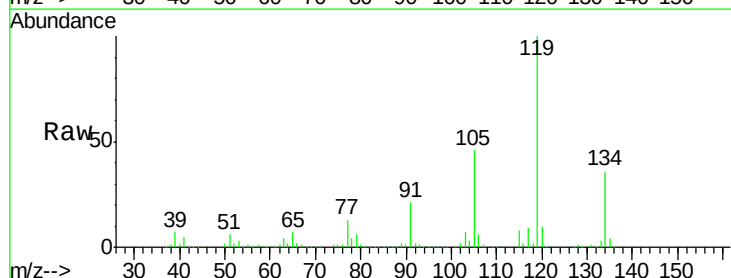
Tgt Ion: 91 Resp: 147416

Ion Ratio Lower Upper

91 100

92 12.0 30.3 91.0#

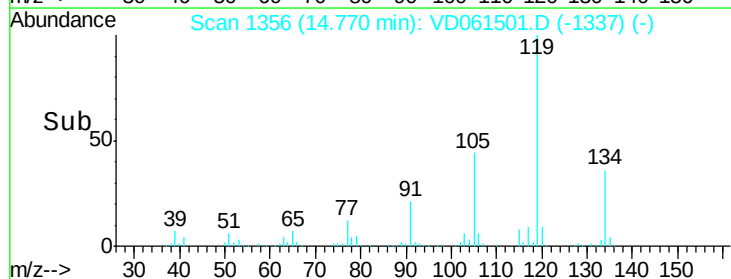
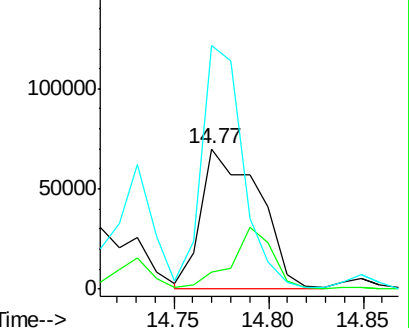
134 173.5 12.4 37.0#

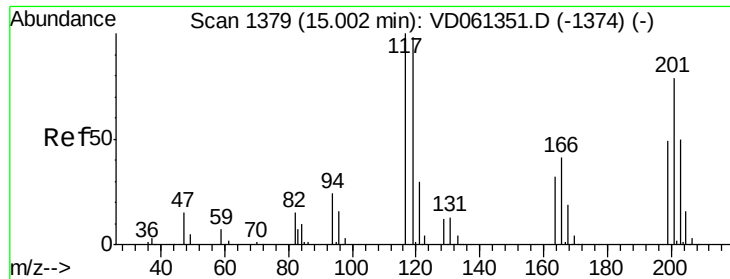


Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): V

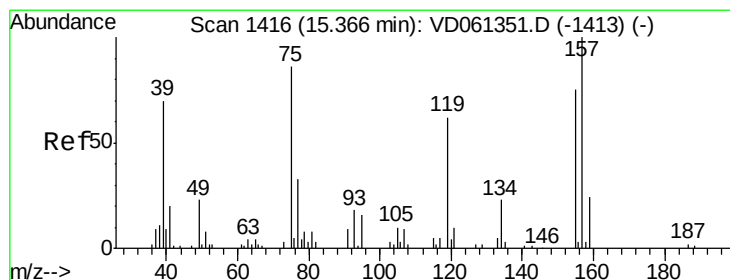
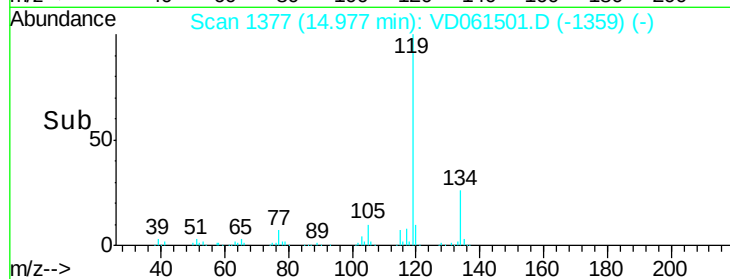
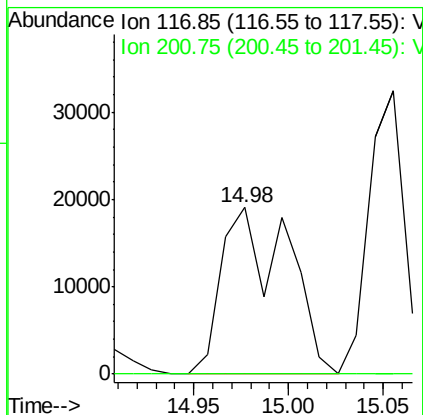
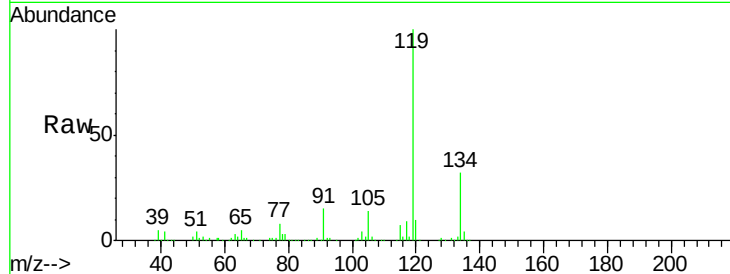




#90
Hexachloroethane
Concen: 7.942 ug/l
RT: 14.98 min Scan# 1377
Delta R.T. -0.02 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

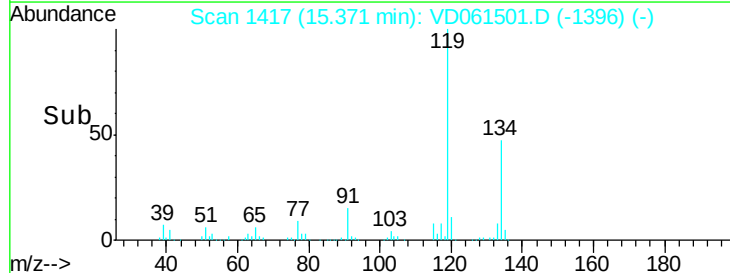
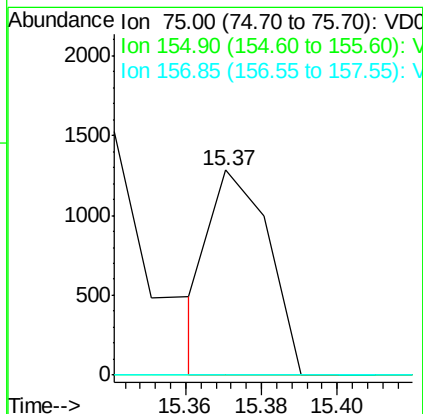
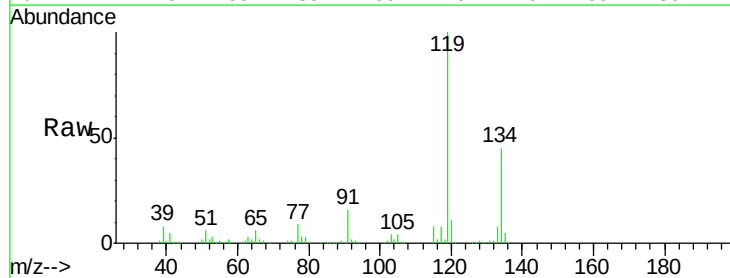
Instrument :
MSVOA_D
ClientSampleId :

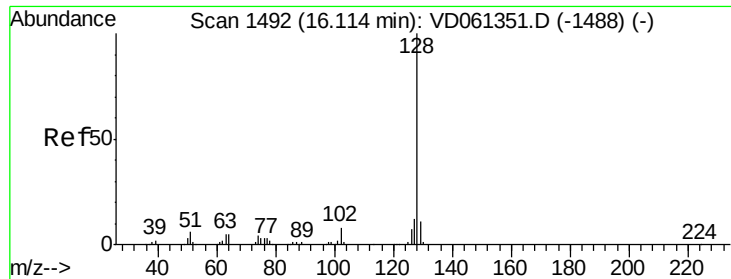
Tot Ion:117 Resp: 45834
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.321 ug/l
RT: 15.37 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VD061501.D
Acq: 2 Apr 2019 8:07

Tgt Ion: 75 Resp: 1347
Ion Ratio Lower Upper
75 100
155 0.0 43.6 130.9#
157 0.0 58.5 175.3#

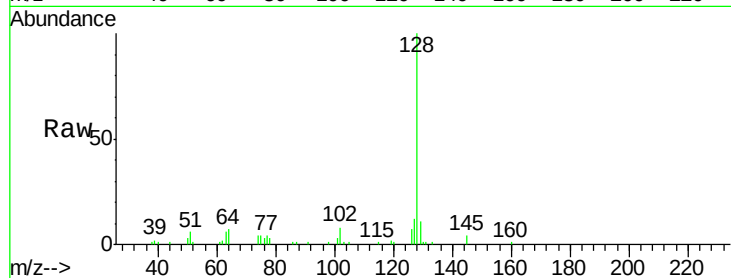




#95
 Naphthalene
 Concen: 8.858 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VD061501.D
 Acq: 2 Apr 2019 8:07

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.9	14.9
129	10.7	8.9	13.3



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

