

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061408.D
 Acq On : 28 Mar 2019 23:14
 Operator : VA/AP
 Sample : K2112-04
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DR-WC-001

Quant Time: Mar 29 01:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	28474	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	54908	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	50240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	23012	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	26204	107.73	ug/l	0.00
Spiked Amount			Recovery	=	215.46%	
35) Dibromofluoromethane	6.92	113	29185	69.55	ug/l	0.02
Spiked Amount			Recovery	=	139.10%	
50) Toluene-d8	10.39	98	60904	60.52	ug/l	0.00
Spiked Amount			Recovery	=	121.04%	
62) 4-Bromofluorobenzene	13.60	95	2982	7.73	ug/l	0.06
Spiked Amount			Recovery	=	15.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.19	94	214	4.739	ug/l #	10
16) Acetone	3.22	43	8522	136.291	ug/l #	81
17) Carbon Disulfide	3.39	76	3178	3.200	ug/l #	75
20) Methylene Chloride	3.82	84	4459	11.241	ug/l	97
24) 1,1-Dichloroethane	4.97	63	763	1.439	ug/l #	86
25) 2-Butanone	6.07	43	215	2.733	ug/l #	54
31) Cyclohexane	6.97	56	2333	5.569	ug/l #	57
32) 1,1,1-Trichloroethane	6.86	97	908	1.879	ug/l #	23
36) 1,1-Dichloropropene	7.03	75	1706	3.560	ug/l #	38
37) Ethyl Acetate	6.07	43	215	1.049	ug/l #	65
38) Carbon Tetrachloride	7.04	117	2127	3.863	ug/l #	10
39) Methylcyclohexane	8.84	83	9870	19.775	ug/l #	70
42) 1,2-Dichloroethane	7.57	62	1044	2.902	ug/l	73
43) Isopropyl Acetate	9.27	43	3401	11.405	ug/l #	42
44) Trichloroethene	8.52	130	1063	2.375	ug/l	70
47) Bromodichloromethane	9.53	83	1027	2.229	ug/l #	24
48) Methyl methacrylate	9.13	41	996	6.052	ug/l	98
51) 4-Methyl-2-Pentanone	10.38	43	4303	23.718	ug/l #	35
52) Toluene	10.49	92	18070	24.627	ug/l	98
55) 1,1,2-Trichloroethane	11.23	97	627	2.443	ug/l #	15
56) Ethyl methacrylate	11.09	69	3926	14.242	ug/l #	1
59) 2-Hexanone	11.47	43	15593	118.626	ug/l #	26
67) Ethyl Benzene	12.51	91	26528	16.927	ug/l	95
68) m/p-Xylenes	12.66	106	42437	71.484	ug/l	94
69) o-Xylene	13.04	106	29807	51.740	ug/l	99
70) Styrene	13.04	104	1441	1.435	ug/l #	1
73) Isopropylbenzene	13.40	105	7781	4.858	ug/l	89
74) N-amyl acetate	13.21	43	9977	22.362	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	13.70	83	5708	16.895	ug/l #	43
78) n-propylbenzene	13.77	91	15698	8.009	ug/l	97
79) 2-Chlorotoluene	13.84	91	10065	9.458	ug/l #	36
80) 1,3,5-Trimethylbenzene	13.93	105	35916	28.902	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.54	75	9547	94.195	ug/l #	18
82) 4-Chlorotoluene	13.93	91	3928	3.394	ug/l #	36

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Quant Title : SW846 8260
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Response via : Initial Calibration

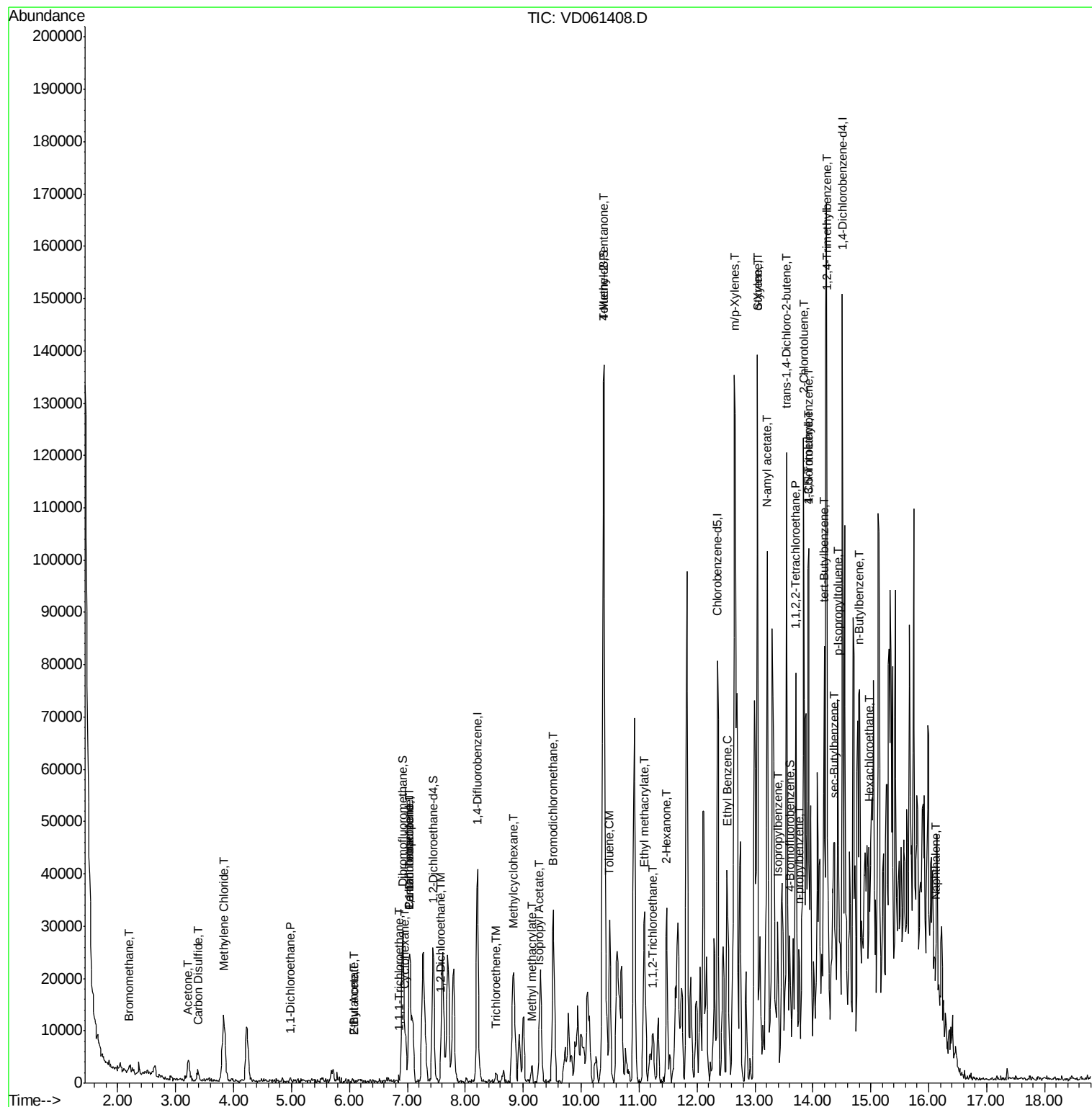
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	14.18	119	2129	1.371	ug/l	90
84) 1,2,4-Trimethylbenzene	14.23	105	70172	52.159	ug/l	94
85) sec-Butylbenzene	14.36	105	8210	4.976	ug/l	91
86) p-Isopropyltoluene	14.43	119	5751	4.122	ug/l	96
89) n-Butylbenzene	14.79	91	9648	7.535	ug/l	91
90) Hexachloroethane	14.97	117	1637	4.154	ug/l #	10
95) Naphthalene	16.11	128	2247	4.907	ug/l #	78

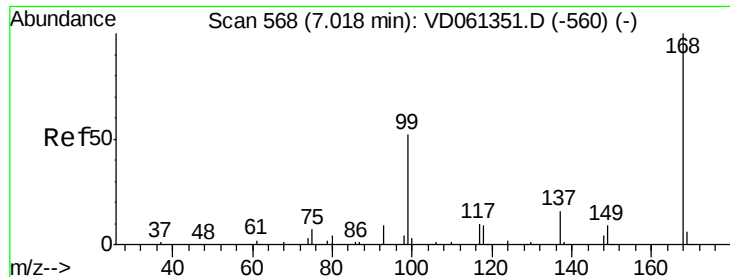
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

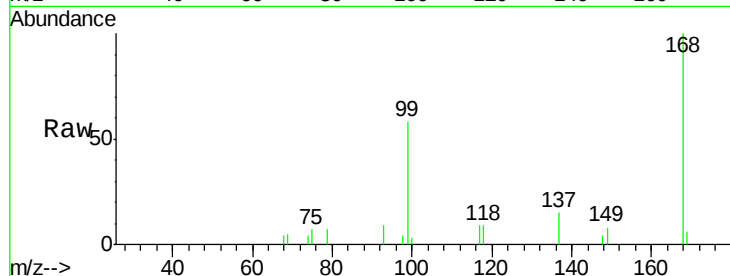
DR-WC-001

Tot Ion:168 Resp: 28474

Ion Ratio Lower Upper

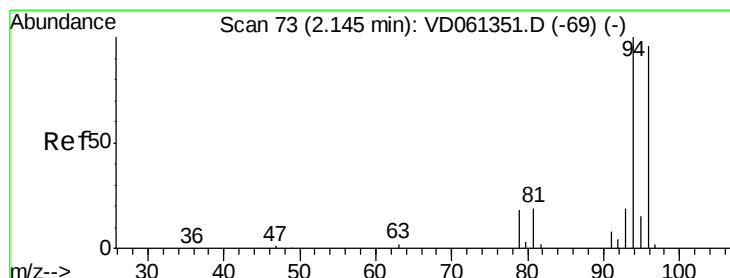
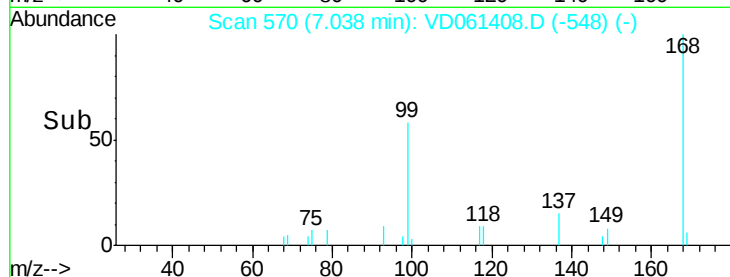
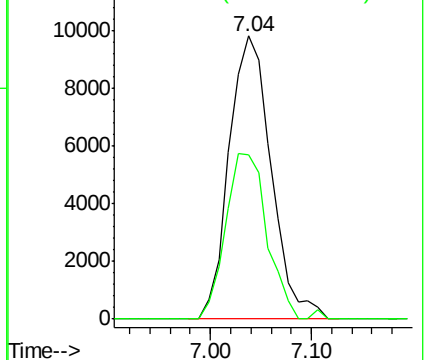
168 100

99 58.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 4.739 ug/l

RT: 2.19 min Scan# 78

Delta R.T. 0.05 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

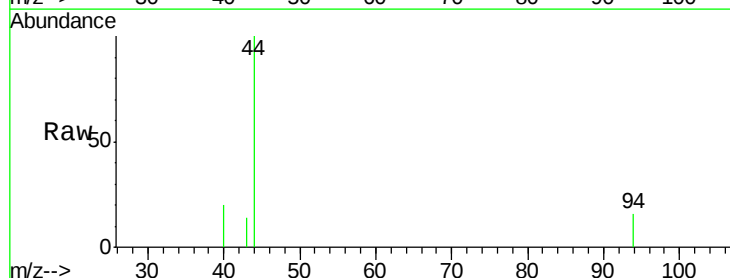
Tgt Ion: 94 Resp: 214

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

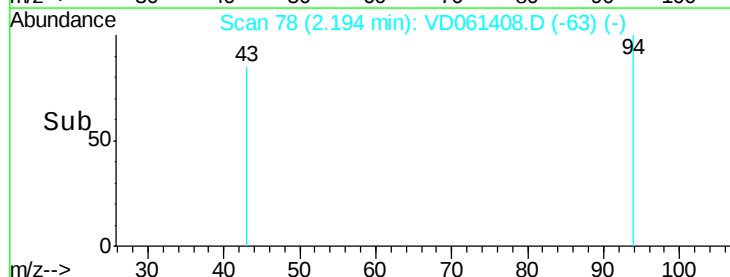
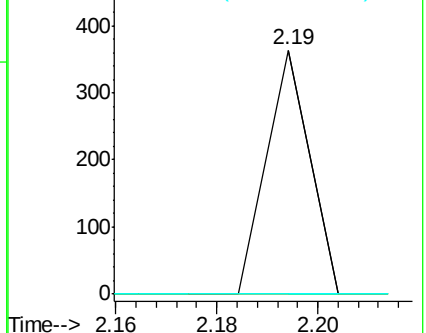
93 0.0 15.6 23.4#

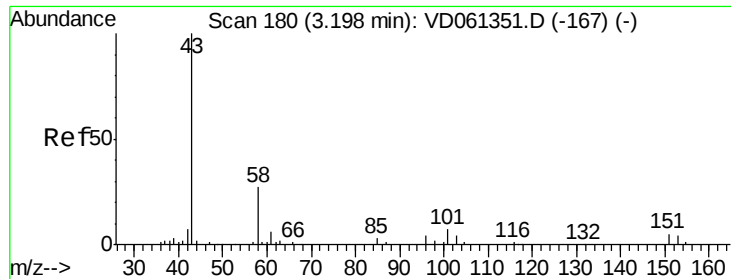


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 136.291 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

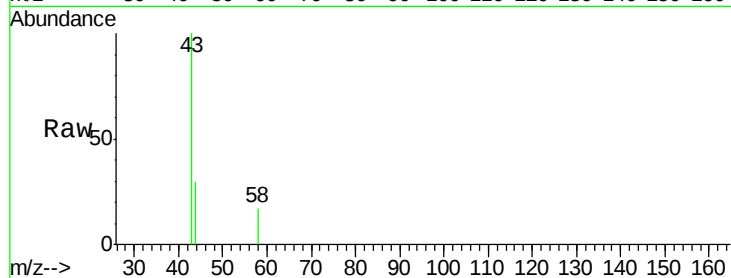
DR-WC-001

Tot Ion: 43 Resp: 8522

Ion Ratio Lower Upper

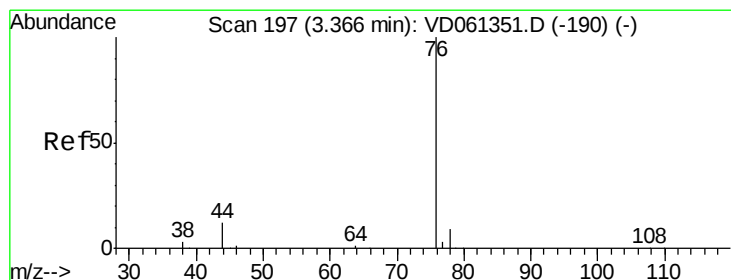
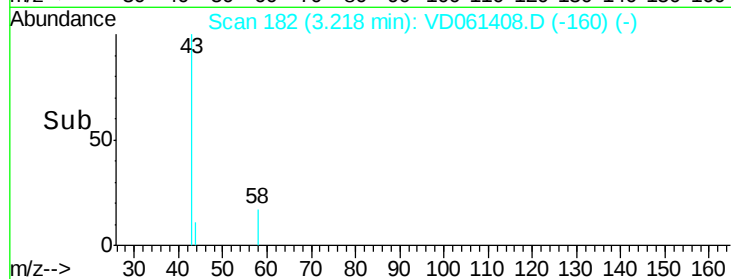
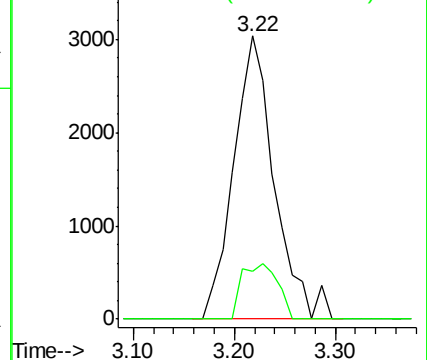
43 100

58 17.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 3.200 ug/l

RT: 3.39 min Scan# 199

Delta R.T. 0.02 min

Lab File: VD061408.D

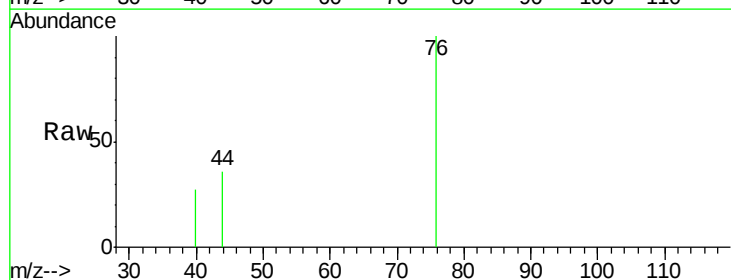
Acq: 28 Mar 2019 23:14

Tgt Ion: 76 Resp: 3178

Ion Ratio Lower Upper

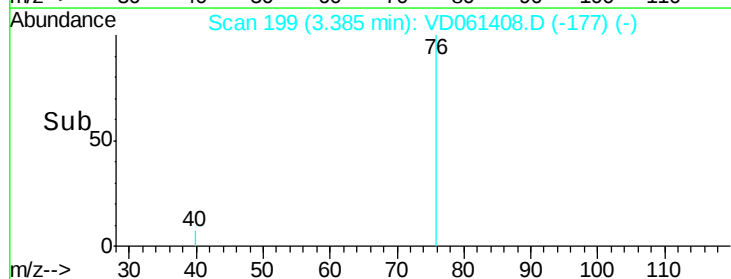
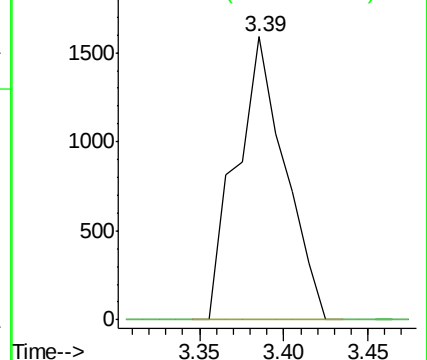
76 100

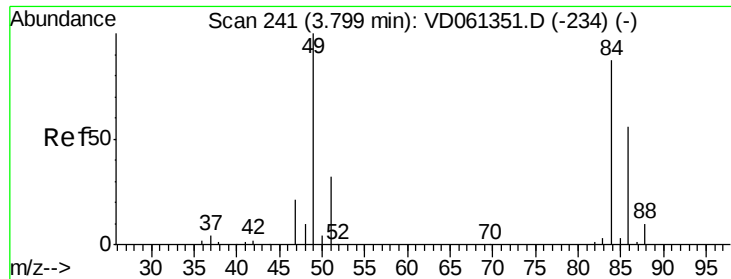
78 0.0 7.1 10.7#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

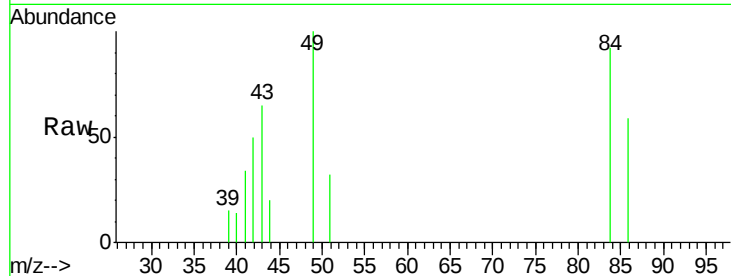




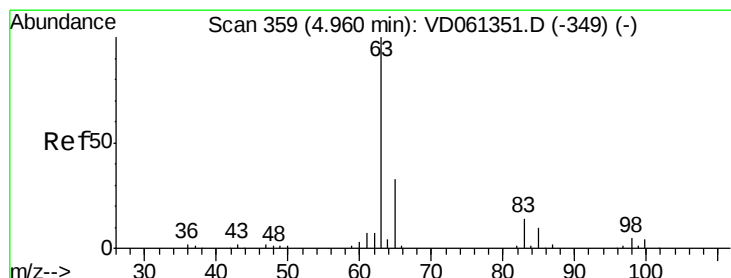
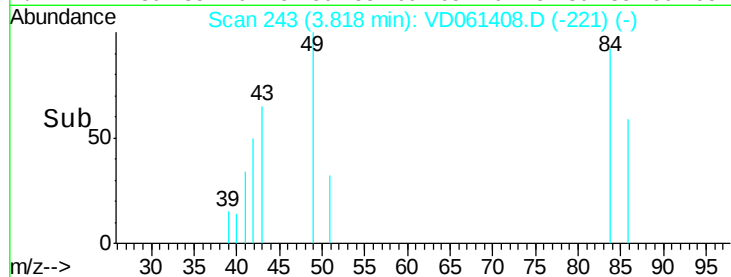
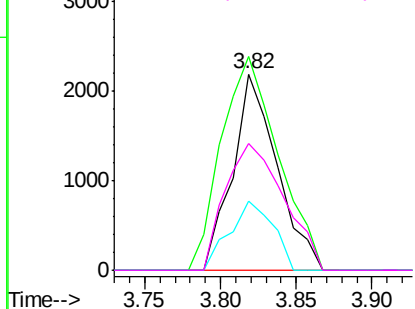
#20
Methvlene Chloride
Concen: 11.241 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Instrument :
MSVOA_D
ClientSampleId :
DR-WC-001

Tot Ion: 84 Resp: 4459
Ion Ratio Lower Upper
84 100
49 109.1 91.8 137.8
51 35.3 29.8 44.8
86 64.9 51.8 77.6

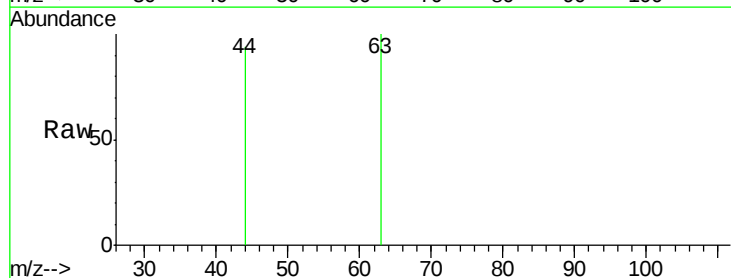


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

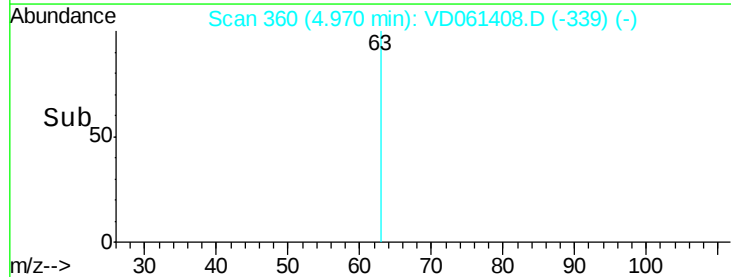
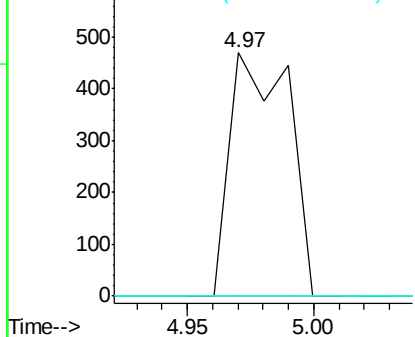


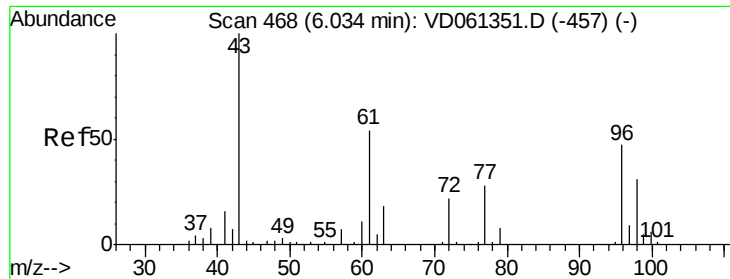
#24
1,1-Dichloroethane
Concen: 1.439 ug/l
RT: 4.97 min Scan# 360
Delta R.T. 0.01 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Tgt Ion: 63 Resp: 763
Ion Ratio Lower Upper
63 100
98 0.0 2.6 8.0#
100 0.0 1.8 5.3#



Abundance Ion 62.95 (62.65 to 63.65): VDC
Ion 97.95 (97.65 to 98.65): VDC
Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 2.733 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.04 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

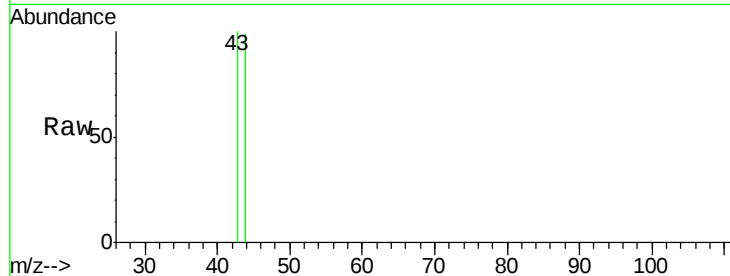
DR-WC-001

Tot Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

72 0.0 17.2 25.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.07

400

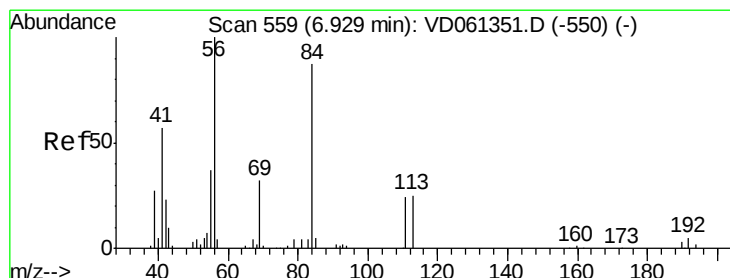
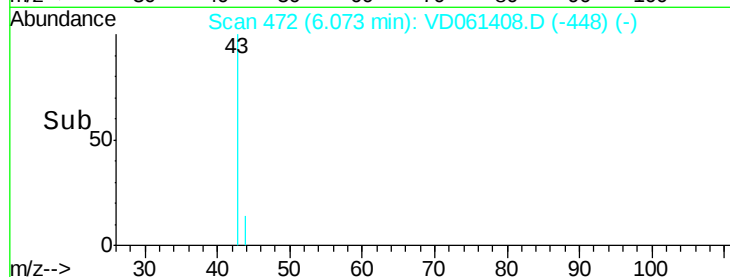
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 5.569 ug/l

RT: 6.97 min Scan# 563

Delta R.T. 0.04 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

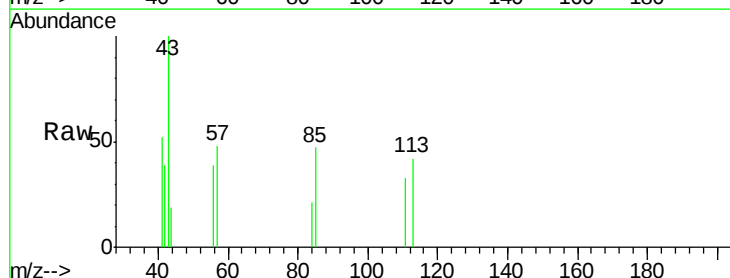
Tgt Ion: 56 Resp: 2333

Ion Ratio Lower Upper

56 100

69 0.0 25.7 38.5#

84 52.9 70.6 105.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

1200

1000

800

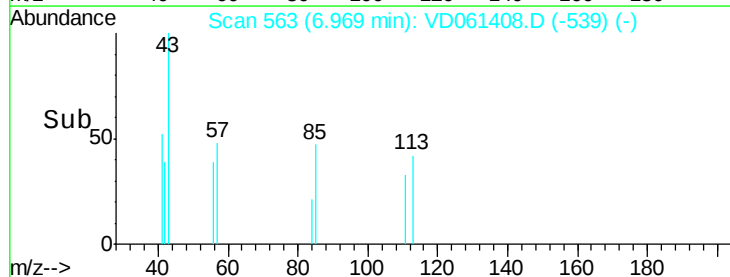
600

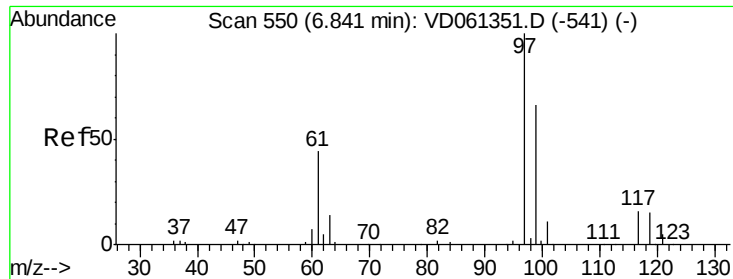
400

200

0

Time-->

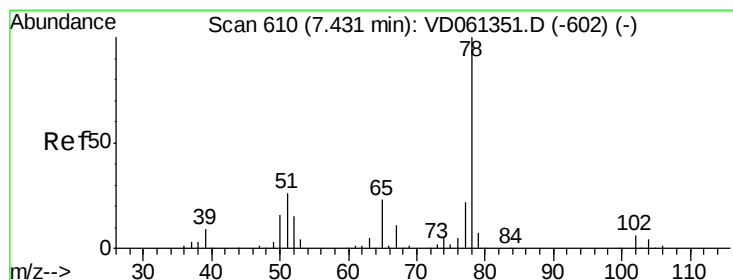
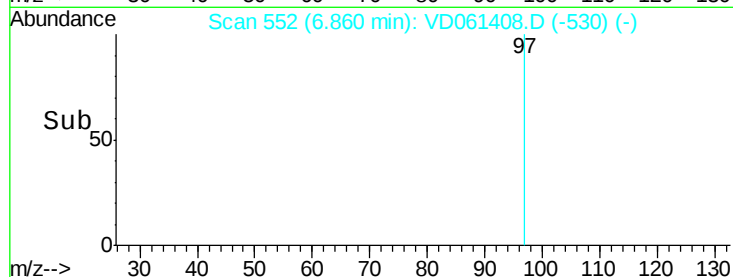
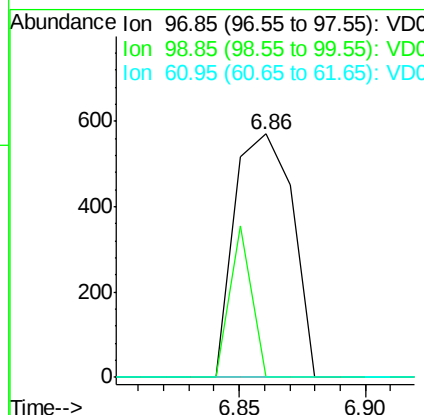
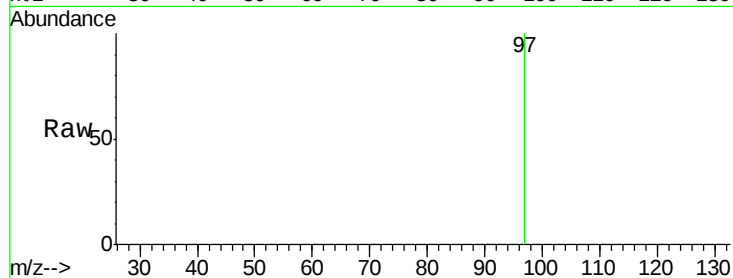




#32
 1,1,1-Trichloroethane
 Concen: 1.879 ug/l
 RT: 6.86 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

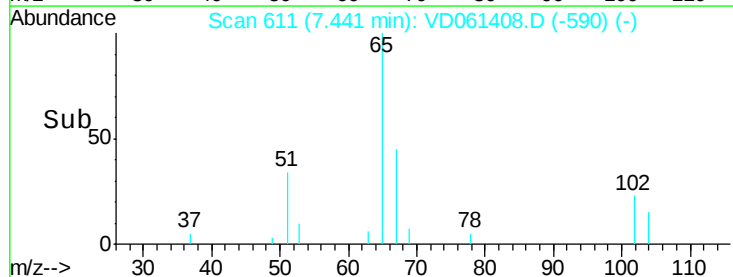
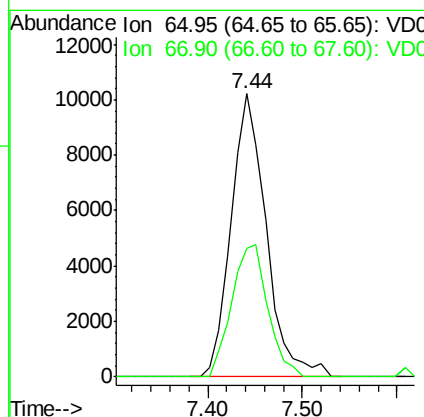
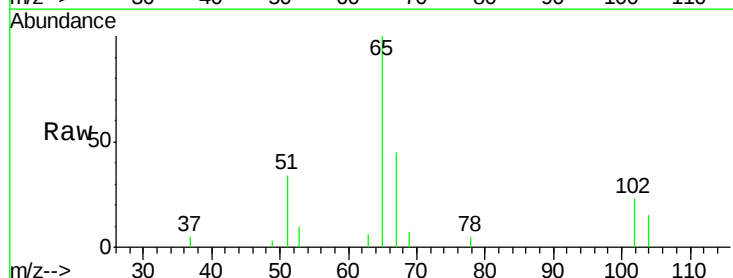
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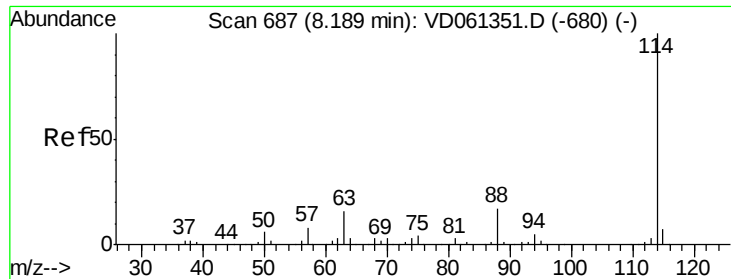
Tot Ion: 97 Resp: 908
 Ion Ratio Lower Upper
 97 100
 99 0.0 53.1 79.7#
 61 0.0 35.5 53.3#



#33
 1,2-Dichloroethane-d4
 Concen: 1.879 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

Tgt Ion: 65 Resp: 26204
 Ion Ratio Lower Upper
 65 100
 67 45.3 0.0 99.8

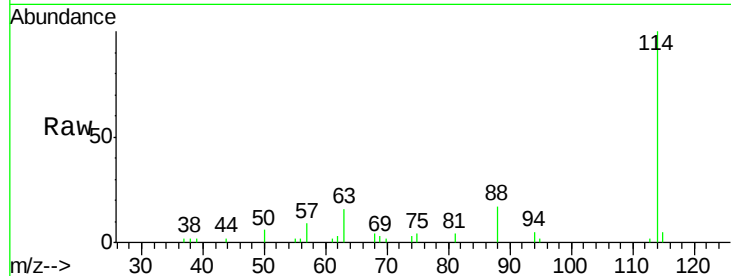




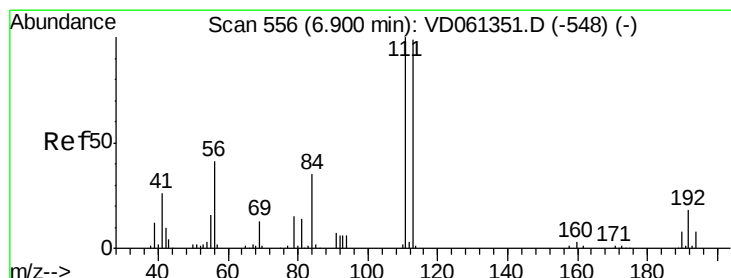
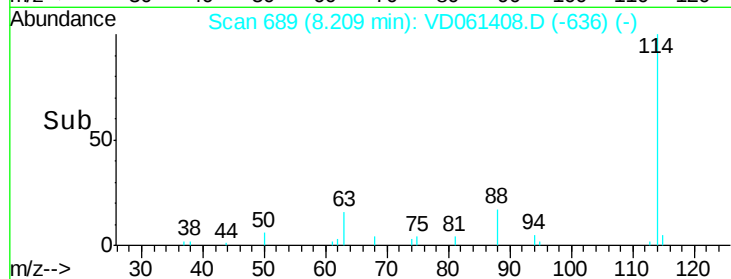
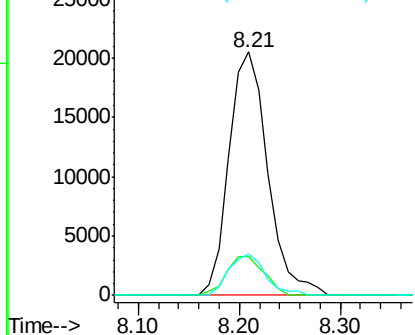
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

Instrument :
 MSVOA_D
 ClientSampleID :
 DR-WC-001

Tot Ion:114 Resp: 54908
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.6
 88 17.2 0.0 33.4

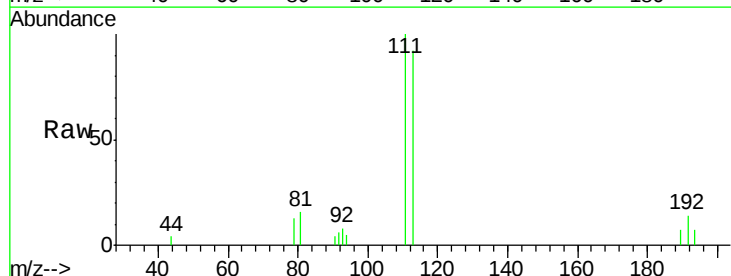


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

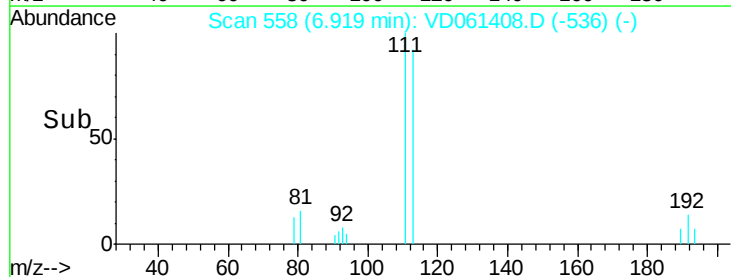
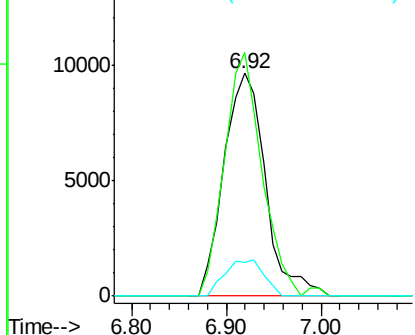


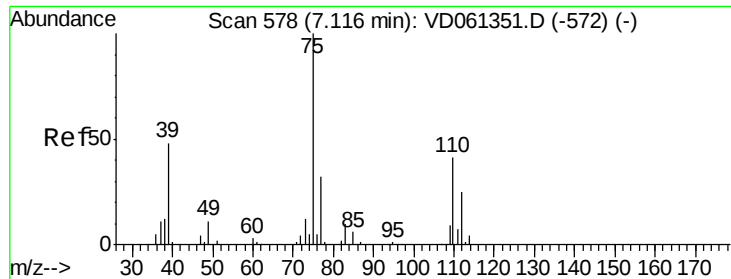
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

Tgt Ion:113 Resp: 29185
 Ion Ratio Lower Upper
 113 100
 111 109.1 81.0 121.6
 192 15.1 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: 3.560 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.09 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

DR-WC-001

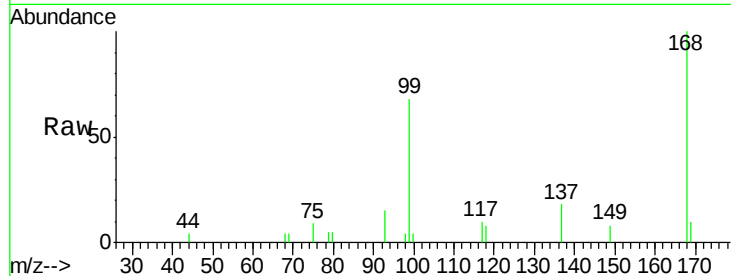
Tot Ion: 75 Resp: 1706

Ion Ratio Lower Upper

75 100

110 0.0 20.4 61.3#

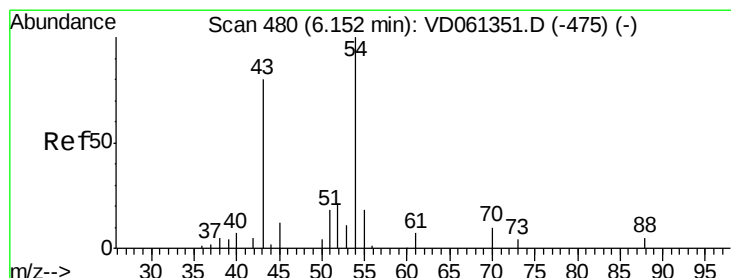
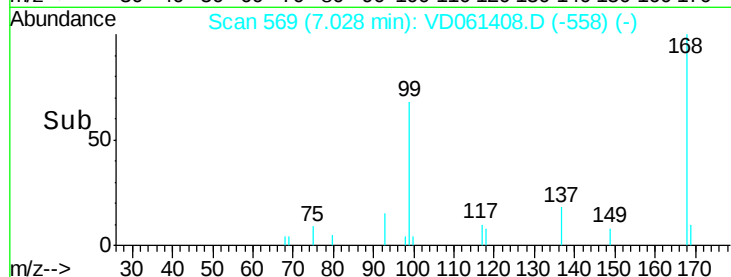
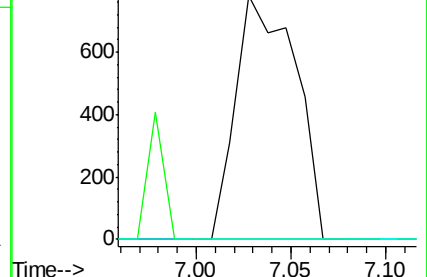
77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



#37

Ethyl Acetate

Concen: 1.049 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.08 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

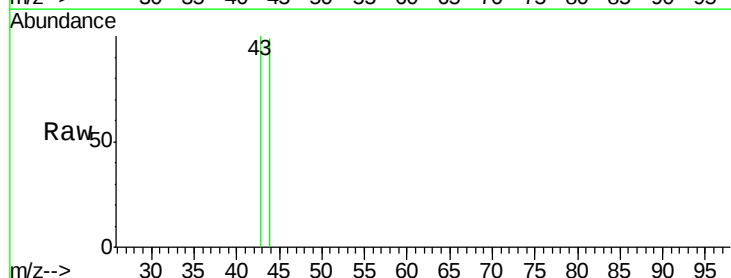
Tgt Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

61 0.0 13.8 20.8#

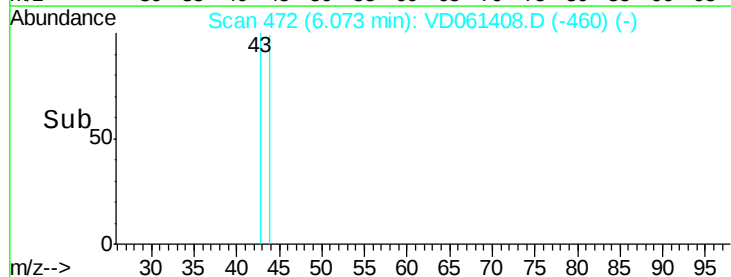
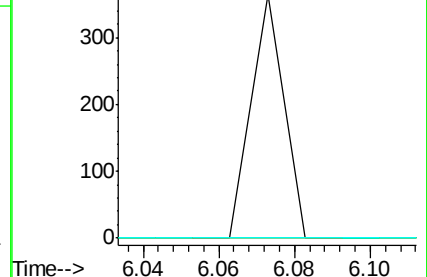
70 0.0 7.8 11.8#

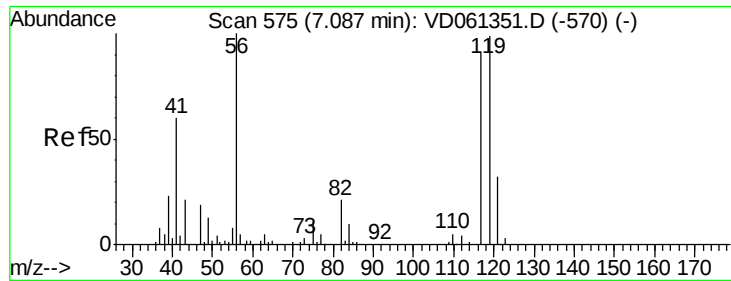


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#38

Carbon Tetrachloride

Concen: 3.863 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

DR-WC-001

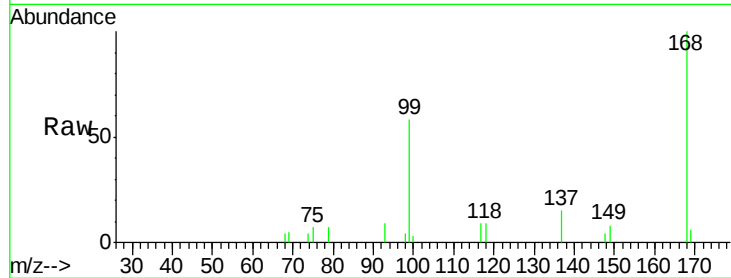
Tot Ion:117 Resp: 2127

Ion Ratio Lower Upper

117 100

119 0.0 80.1 120.1#

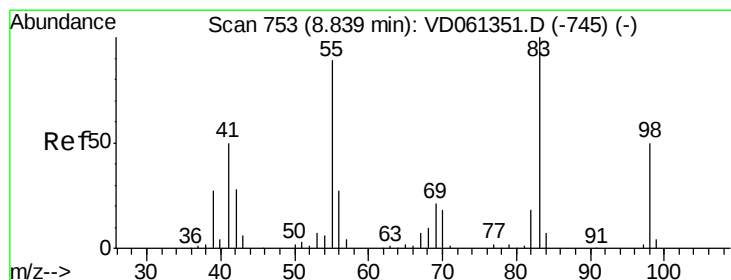
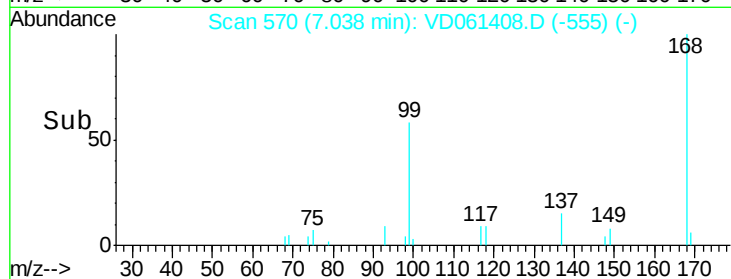
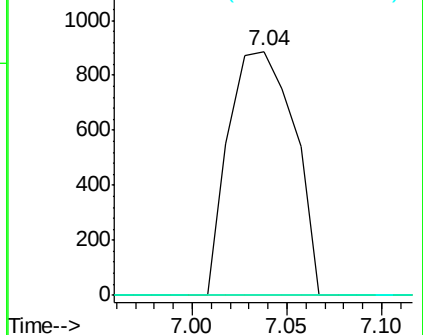
121 0.0 25.6 38.4#



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: 19.775 ug/l

RT: 8.84 min Scan# 753

Delta R.T. -0.00 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

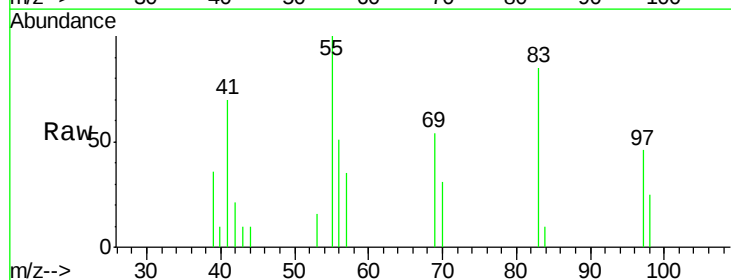
Tgt Ion: 83 Resp: 9870

Ion Ratio Lower Upper

83 100

55 117.2 71.5 107.3#

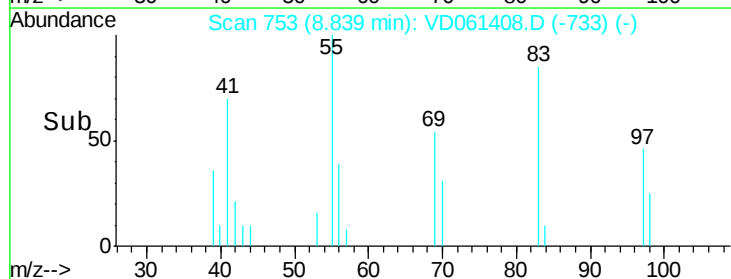
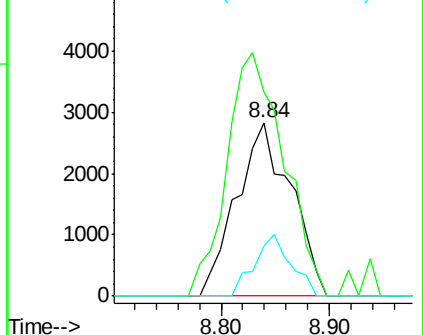
98 28.8 40.3 60.5#

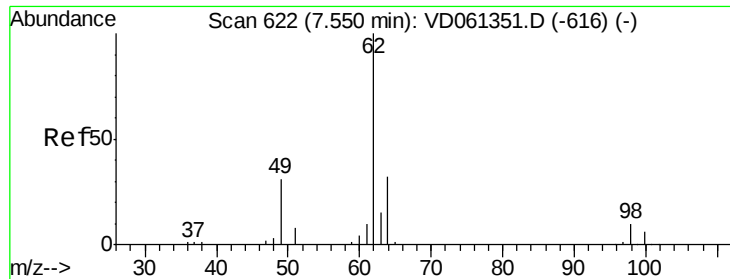


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

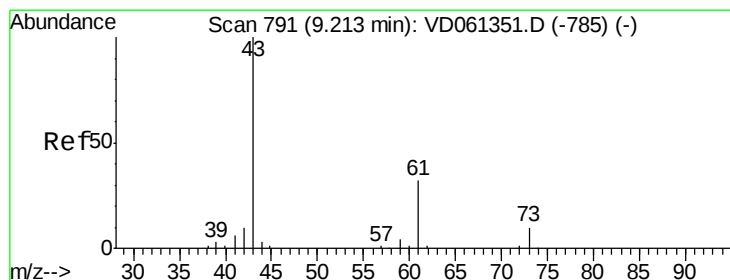
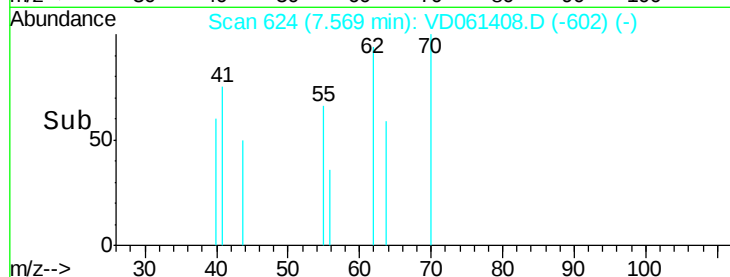
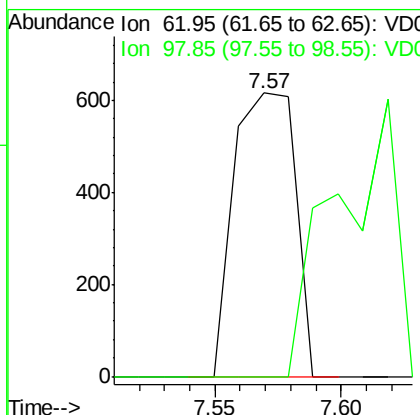
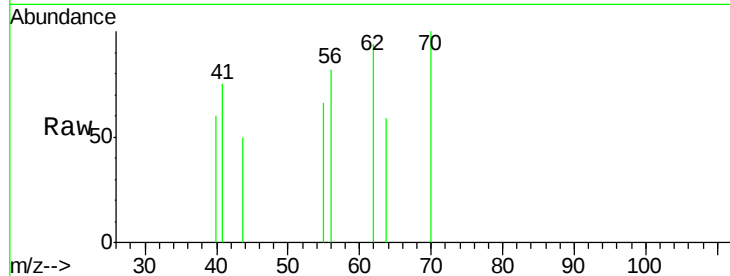




#42
 1,2-Dichloroethane
 Concen: 2.902 ug/l
 RT: 7.57 min Scan# 624
 Delta R.T. 0.02 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

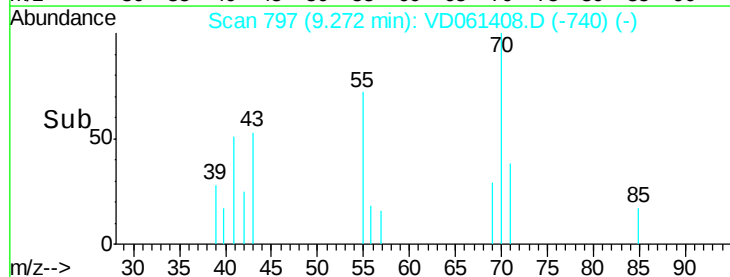
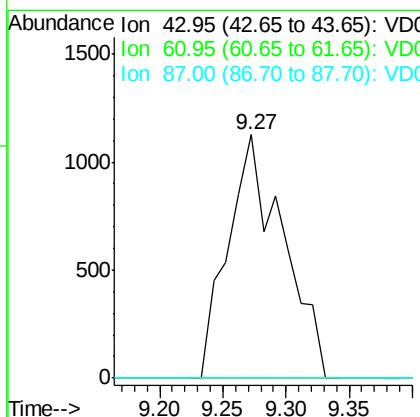
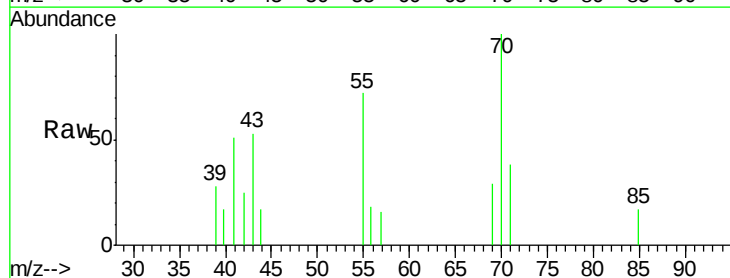
Instrument :
 MSVOA_D
 ClientSampleId :
 DR-WC-001

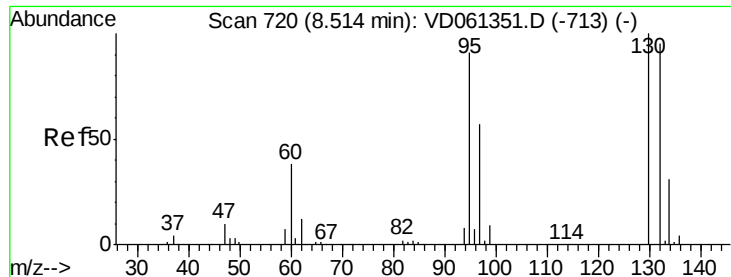
Tot Ion: 62 Resp: 1044
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 19.8



#43
 Isopropyl Acetate
 Concen: 11.405 ug/l
 RT: 9.27 min Scan# 797
 Delta R.T. 0.06 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

Tgt Ion: 43 Resp: 3401
 Ion Ratio Lower Upper
 43 100
 61 0.0 25.8 38.6#
 87 0.0 0.0 0.0





#44

Trichloroethene

Concen: 2.375 ug/l

RT: 8.52 min Scan# 721

Delta R.T. 0.01 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

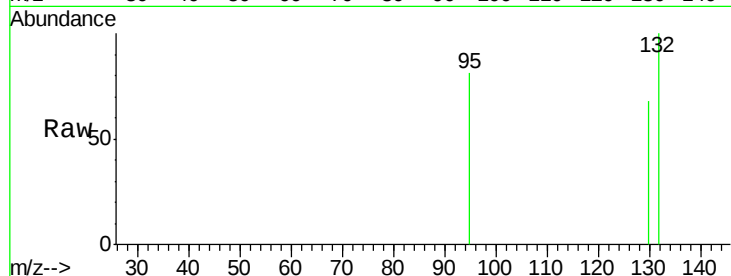
DR-WC-001

Tot Ion:130 Resp: 1063

Ion Ratio Lower Upper

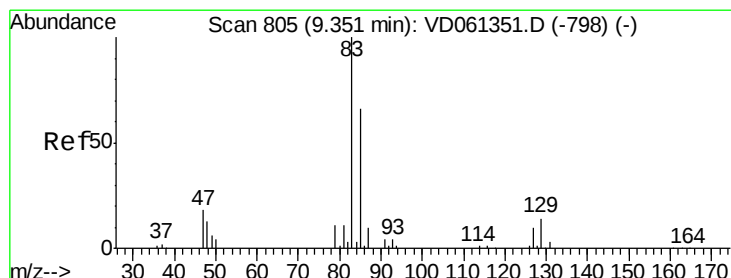
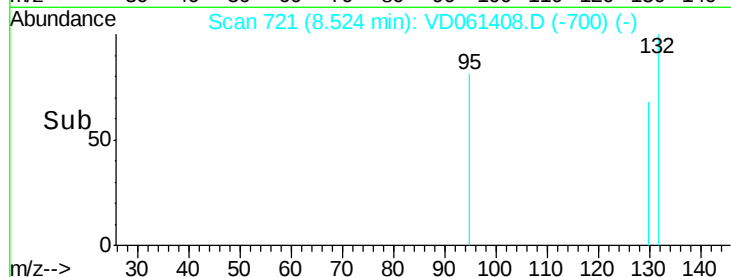
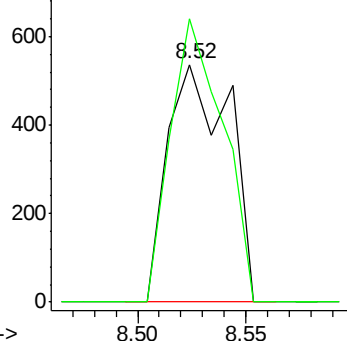
130 100

95 119.2 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#47

Bromodichloromethane

Concen: 2.229 ug/l

RT: 9.53 min Scan# 823

Delta R.T. 0.18 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

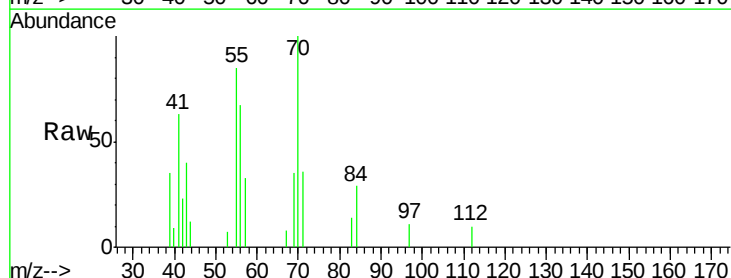
Tgt Ion: 83 Resp: 1027

Ion Ratio Lower Upper

83 100

85 0.0 53.0 79.4#

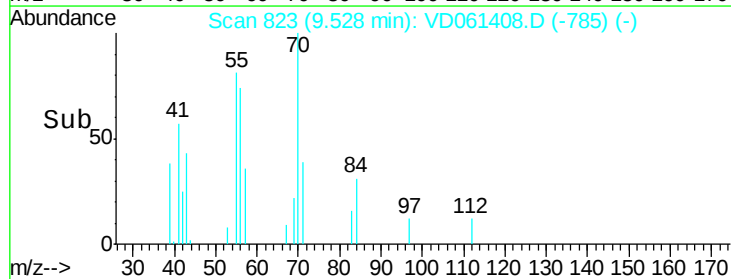
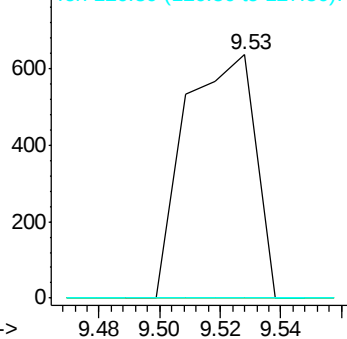
127 0.0 8.4 12.6#

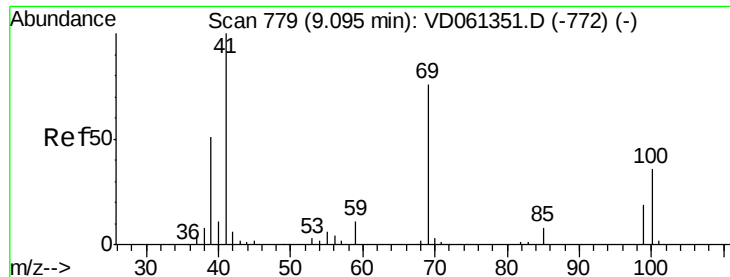


Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): V

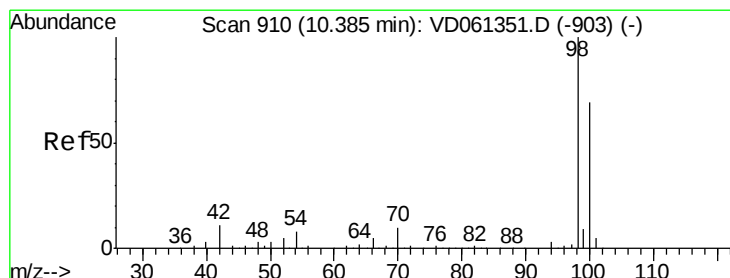
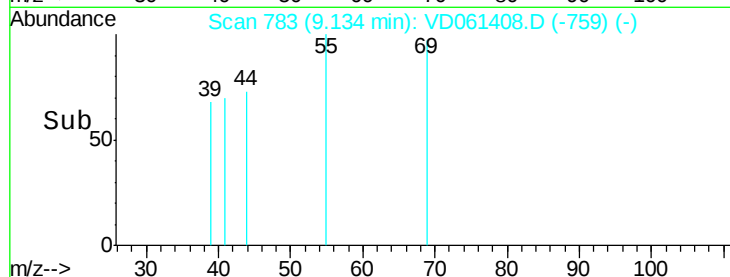
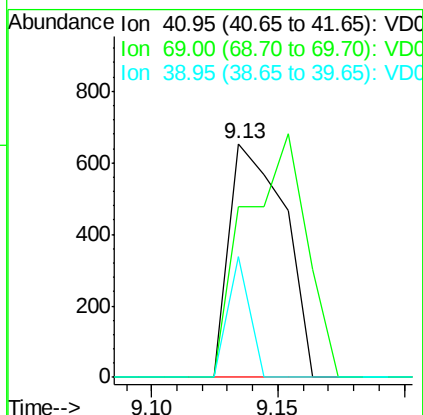
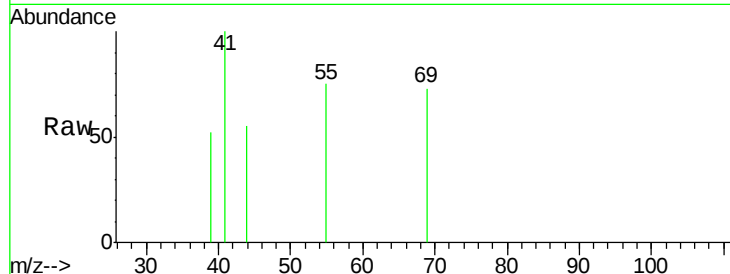




#48
Methvl methacrylate
Concen: 6.052 ug/l
RT: 9.13 min Scan# 783
Delta R.T. 0.04 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

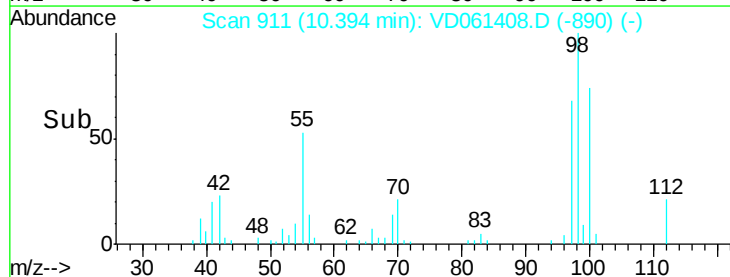
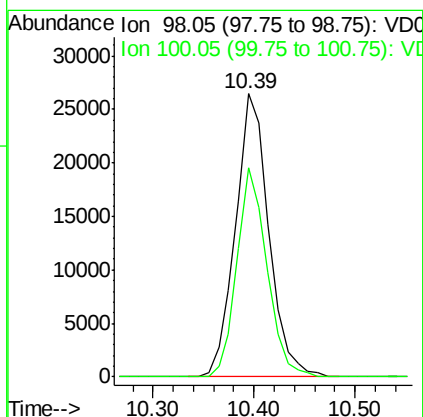
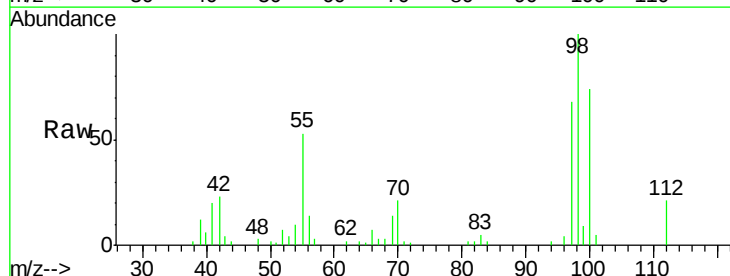
Instrument :
MSVOA_D
ClientSampleId :
DR-WC-001

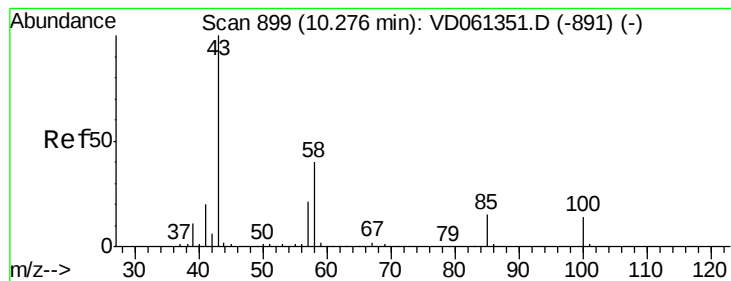
Tot Ion: 41 Resp: 996
Ion Ratio Lower Upper
41 100
69 73.2 60.2 90.4
39 51.6 41.4 62.2



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Tgt Ion: 98 Resp: 60904
Ion Ratio Lower Upper
98 100
100 73.7 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 23.718 ug/l

RT: 10.38 min Scan# 910

Delta R.T. 0.11 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleID :

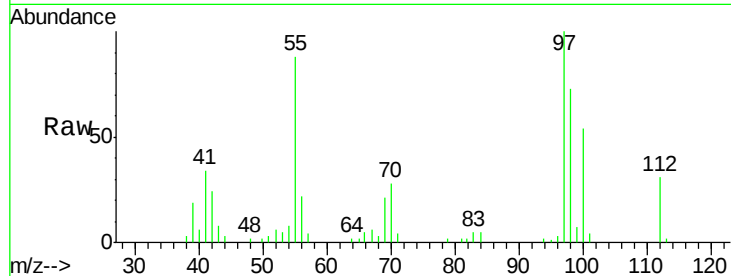
DR-WC-001

Tot Ion: 43 Resp: 4303

Ion Ratio Lower Upper

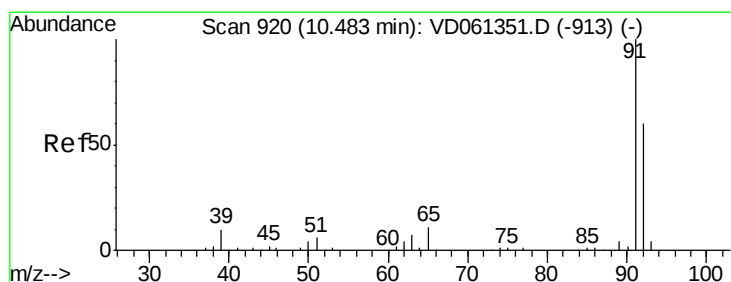
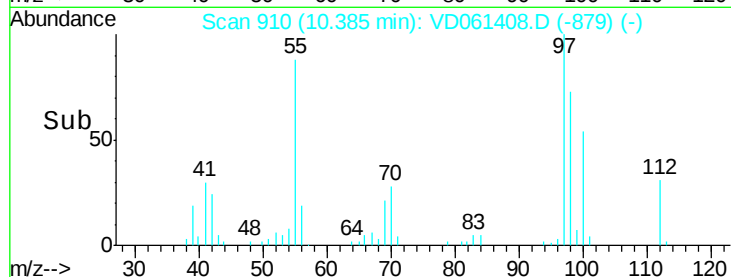
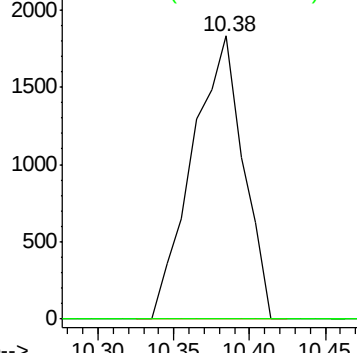
43 100

58 0.0 31.8 47.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 24.627 ug/l

RT: 10.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: VD061408.D

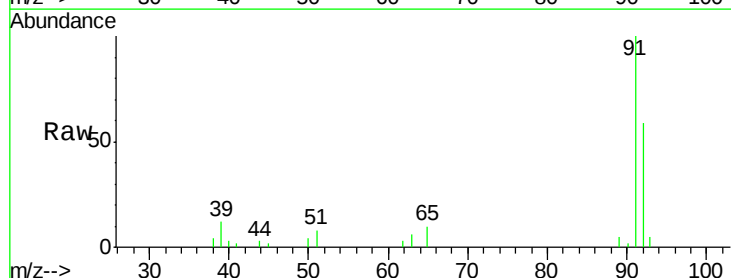
Acq: 28 Mar 2019 23:14

Tgt Ion: 92 Resp: 18070

Ion Ratio Lower Upper

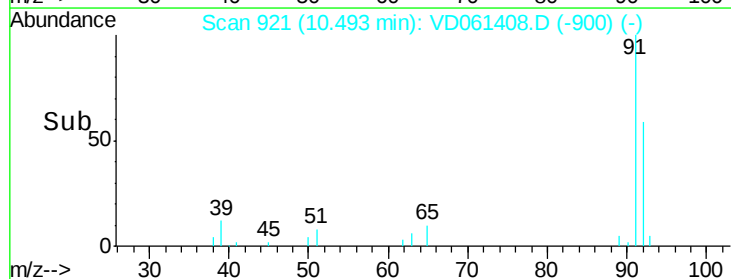
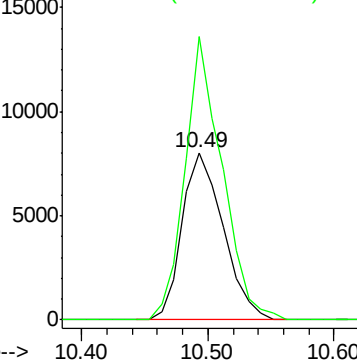
92 100

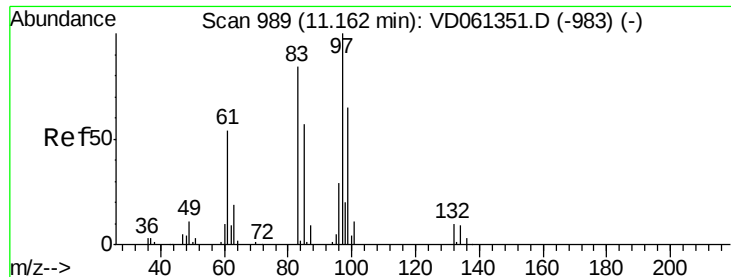
91 169.5 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#55

1,1,2-Trichloroethane

Concen: 2.443 ug/l

RT: 11.23 min Scan# 996

Delta R.T. 0.07 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

DR-WC-001

Tot Ion: 97 Resp: 627

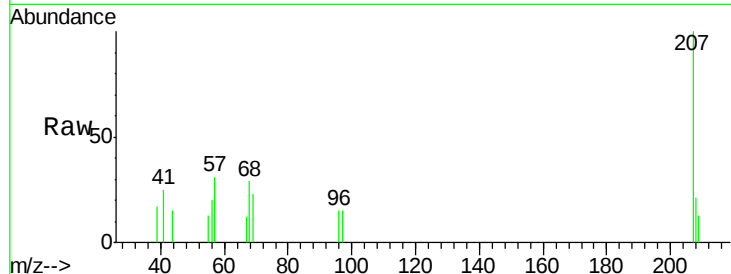
Ion Ratio Lower Upper

97 100

83 0.0 67.0 100.6#

85 0.0 45.4 68.2#

99 0.0 51.9 77.9#

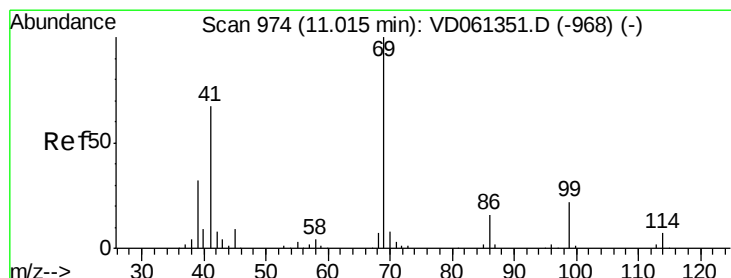
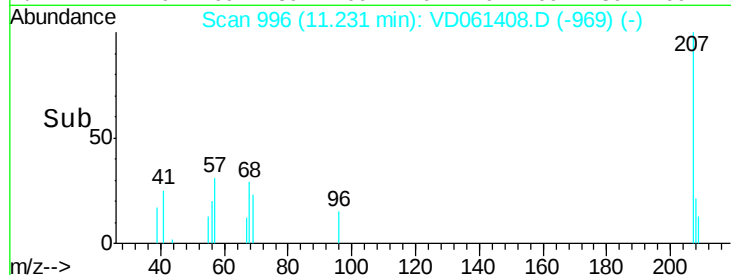
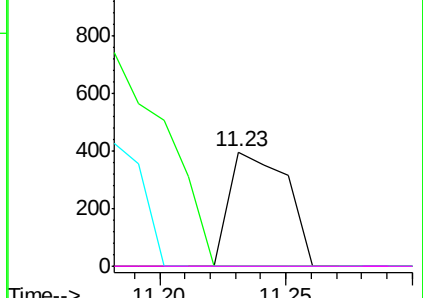


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 14.242 ug/l

RT: 11.09 min Scan# 982

Delta R.T. 0.08 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

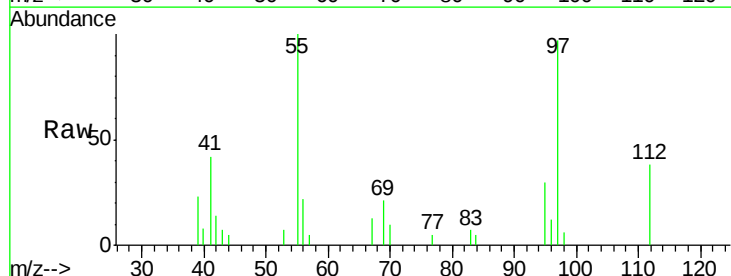
Tgt Ion: 69 Resp: 3926

Ion Ratio Lower Upper

69 100

41 196.4 53.8 80.6#

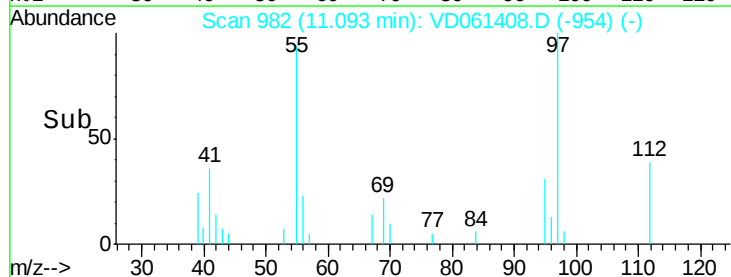
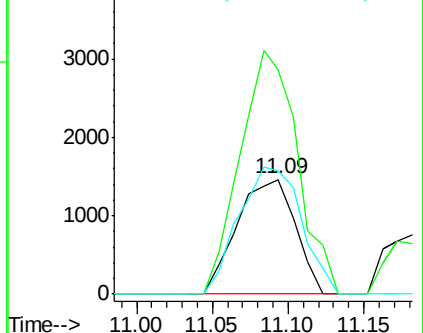
39 107.8 26.4 39.6#

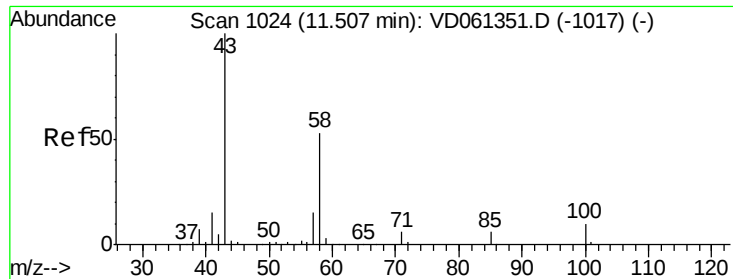


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#59

2-Hexanone

Concen: 118.626 ug/l

RT: 11.47 min Scan# 1020

Delta R.T. -0.04 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleID :

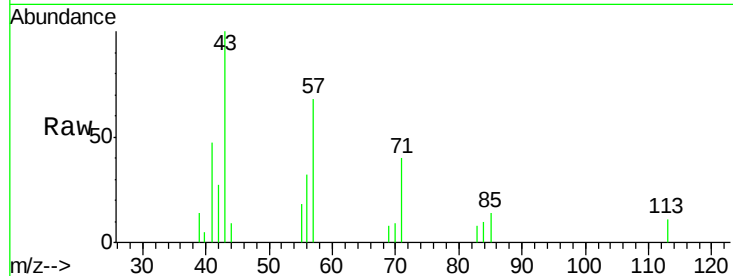
DR-WC-001

Tot Ion: 43 Resp: 15593

Ion Ratio Lower Upper

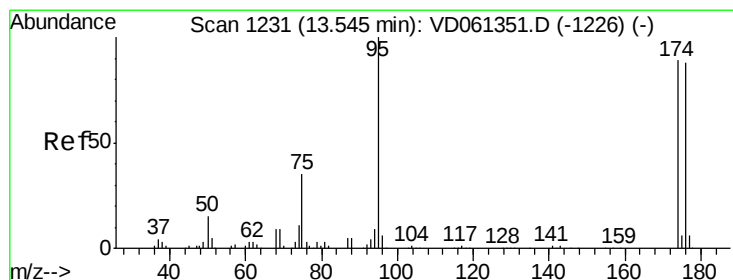
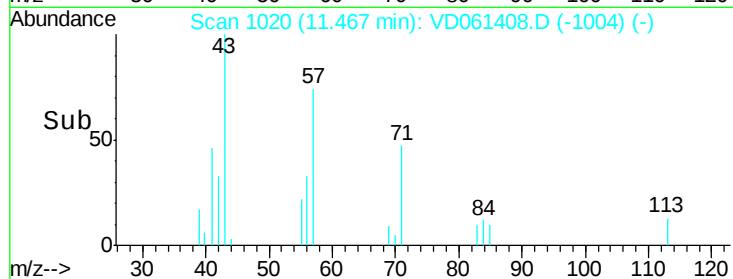
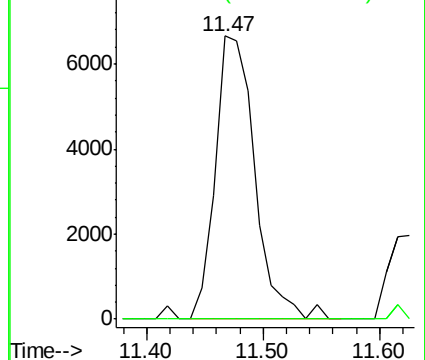
43 100

58 0.0 26.3 78.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.60 min Scan# 1237

Delta R.T. 0.06 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

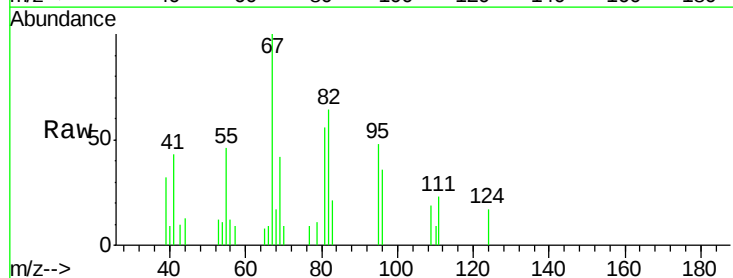
Tgt Ion: 95 Resp: 2982

Ion Ratio Lower Upper

95 100

174 0.0 0.0 178.0

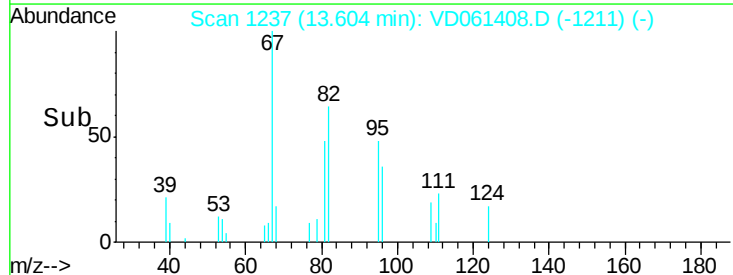
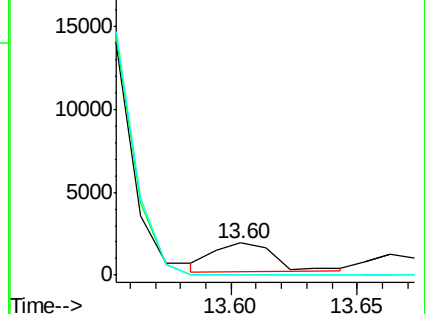
176 0.0 0.0 175.0

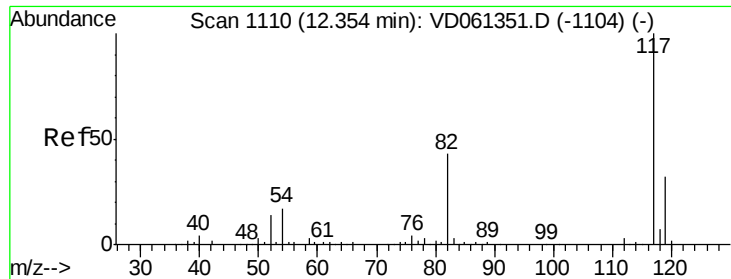


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.35 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

DR-WC-001

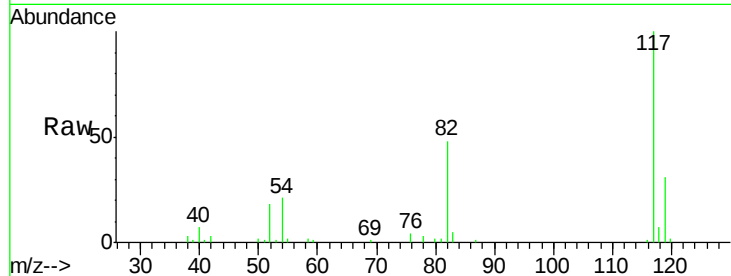
Tot Ion:117 Resp: 50240

Ion Ratio Lower Upper

117 100

82 48.3 34.4 51.6

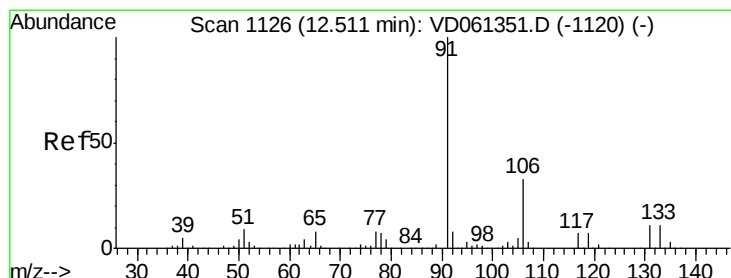
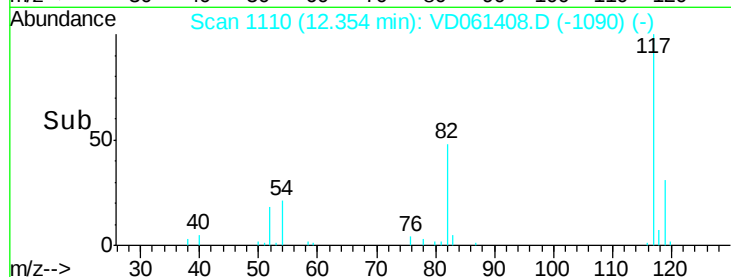
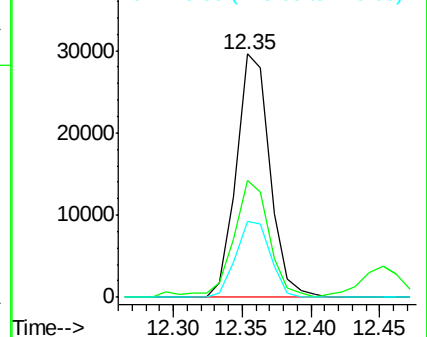
119 31.2 25.8 38.6



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#67

Ethyl Benzene

Concen: 16.927 ug/l

RT: 12.51 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VD061408.D

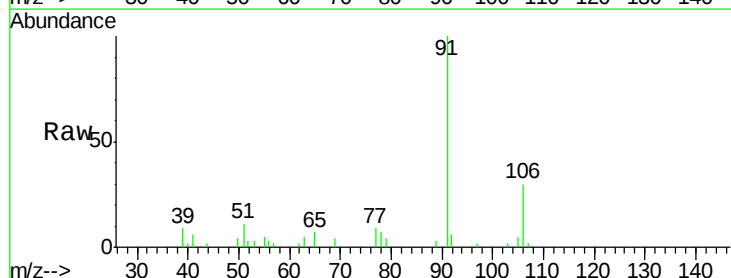
Acq: 28 Mar 2019 23:14

Tgt Ion: 91 Resp: 26528

Ion Ratio Lower Upper

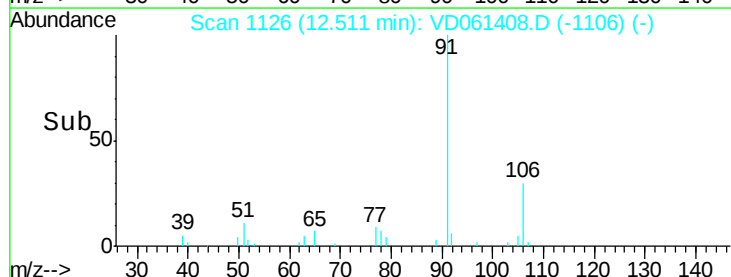
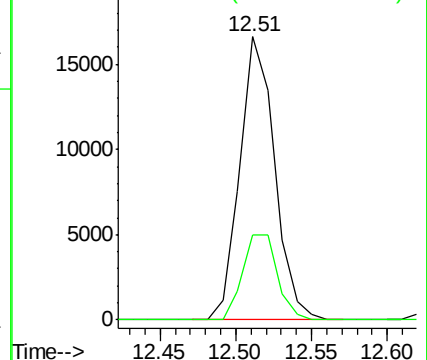
91 100

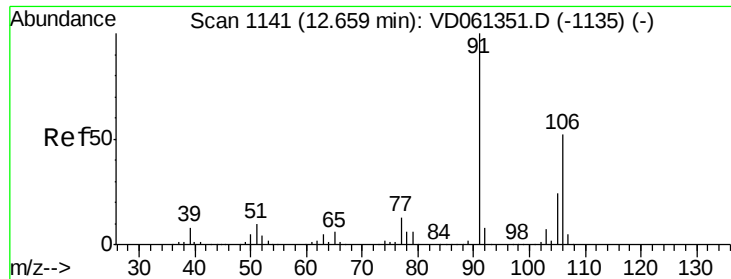
106 29.9 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V

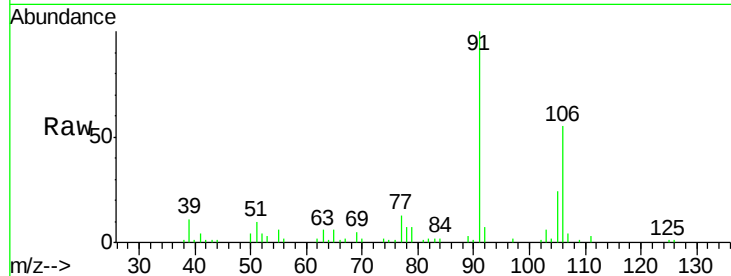




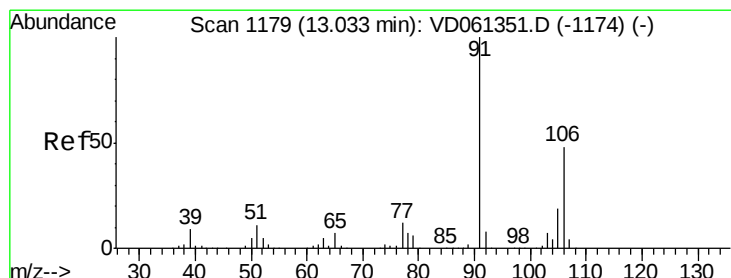
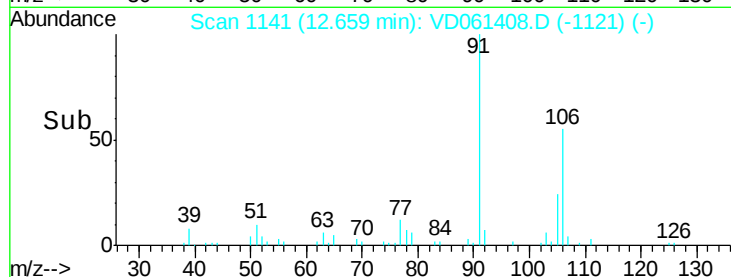
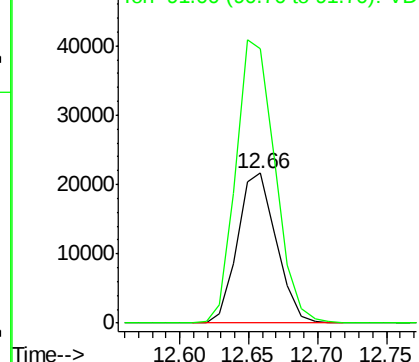
#68
m/p-Xylenes
Concen: 71.484 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Instrument :
MSVOA_D
ClientSampleId :
DR-WC-001

Tot Ion:106 Resp: 42437
Ion Ratio Lower Upper
106 100
91 183.1 153.1 229.7

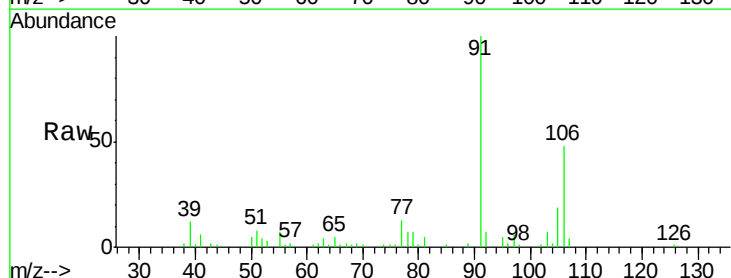


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

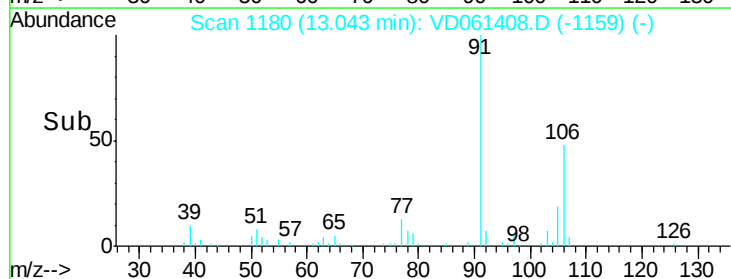
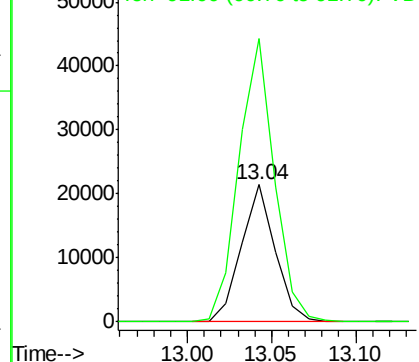


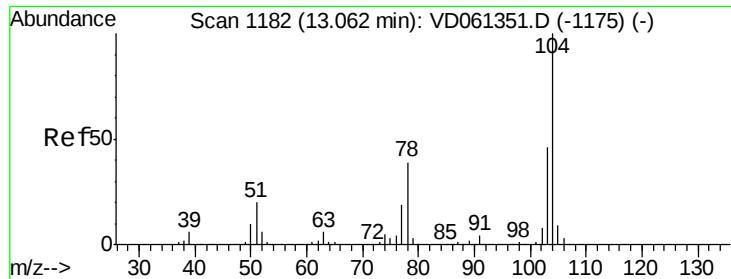
#69
o-Xylene
Concen: 51.740 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Tgt Ion:106 Resp: 29807
Ion Ratio Lower Upper
106 100
91 206.7 103.8 311.3



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

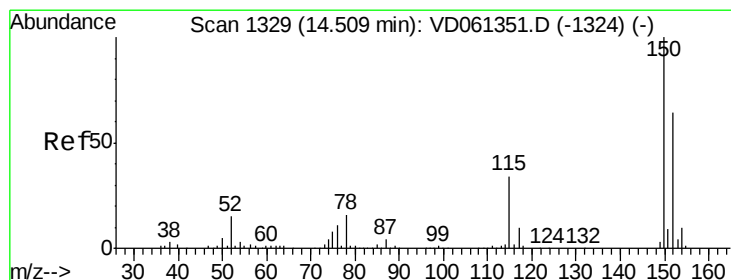
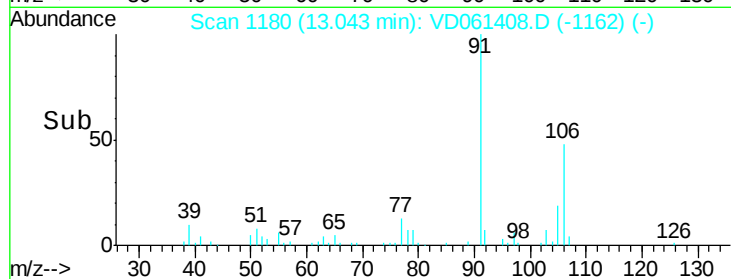
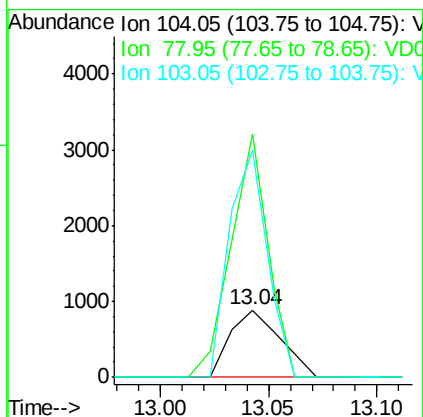
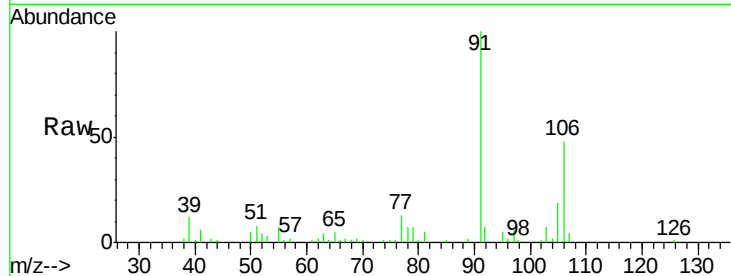




#70
Stvrene
Concen: 1.435 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.02 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

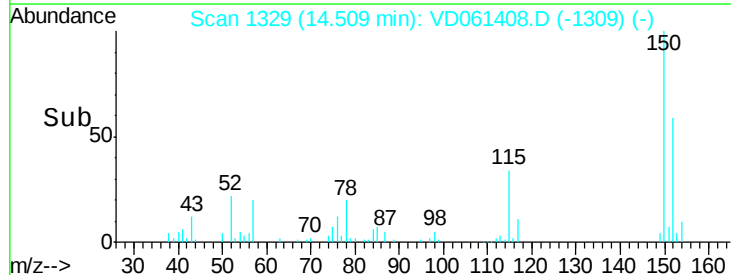
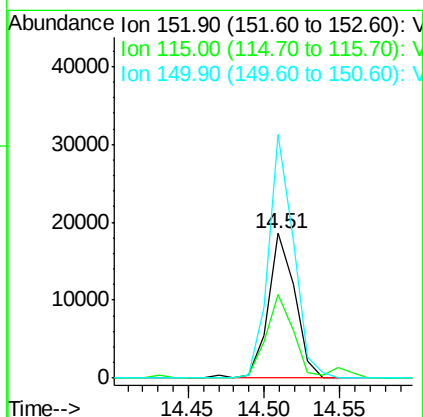
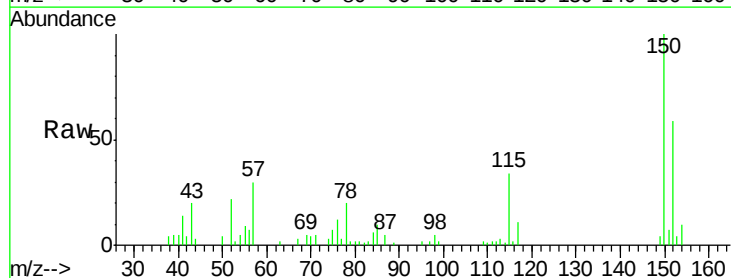
Instrument :
MSVOA_D
ClientSampleId :
DR-WC-001

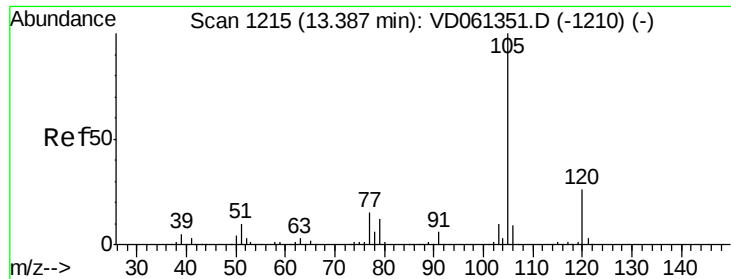
Tot Ion:104 Resp: 1441
Ion Ratio Lower Upper
104 100
78 362.3 31.0 46.6#
103 337.8 37.0 55.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Tgt Ion:152 Resp: 23012
Ion Ratio Lower Upper
152 100
115 57.4 26.9 80.6
150 168.1 0.0 318.0





#73

Isopropylbenzene

Concen: 4.858 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

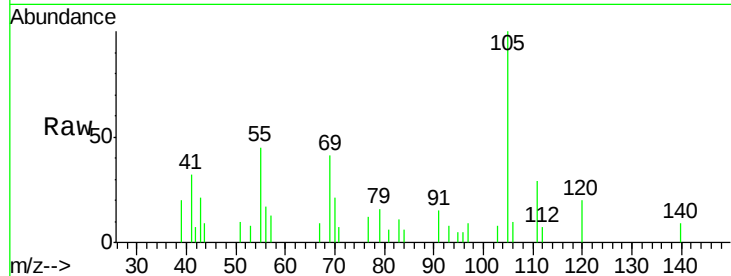
DR-WC-001

Tot Ion:105 Resp: 7781

Ion Ratio Lower Upper

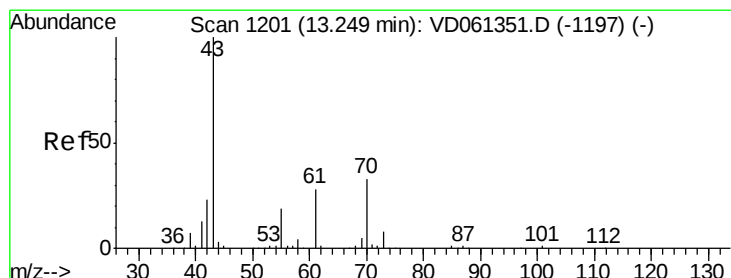
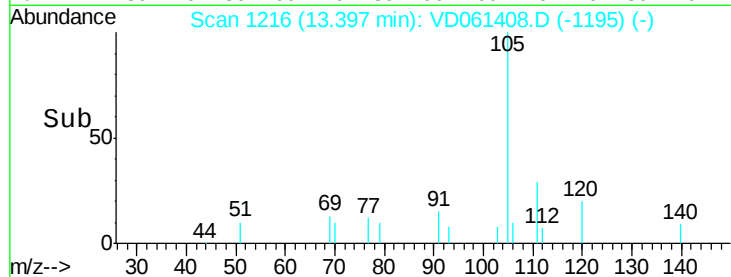
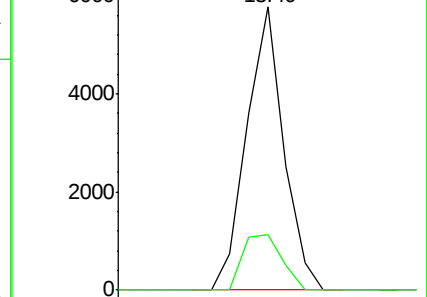
105 100

120 19.8 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: 22.362 ug/l

RT: 13.21 min Scan# 1197

Delta R.T. -0.04 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Tgt Ion: 43 Resp: 9977

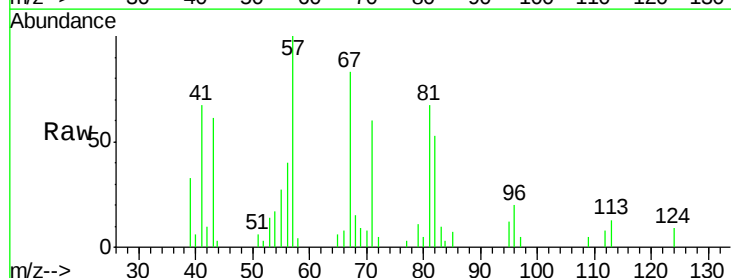
Ion Ratio Lower Upper

43 100

70 12.6 26.6 40.0#

55 43.8 15.4 23.2#

61 0.0 22.2 33.4#

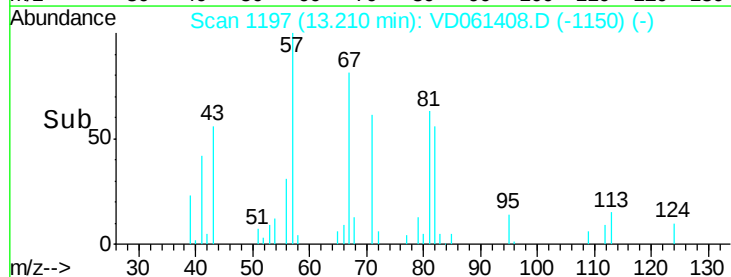
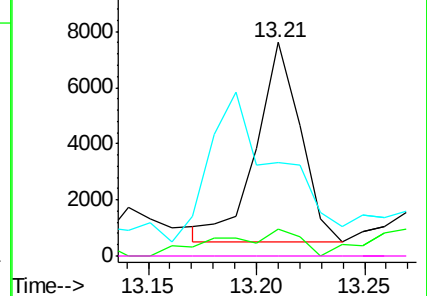


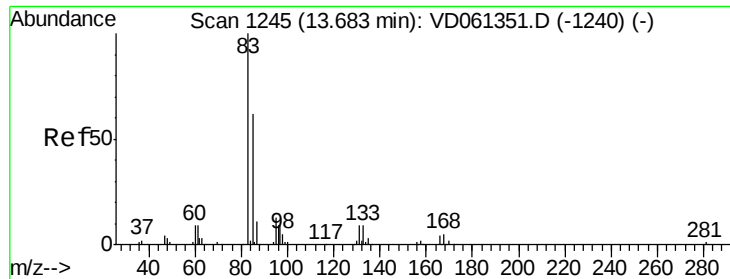
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 16.895 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

DR-WC-001

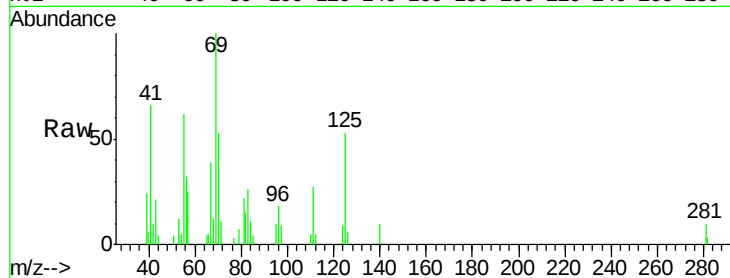
Tot Ion: 83 Resp: 5708

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

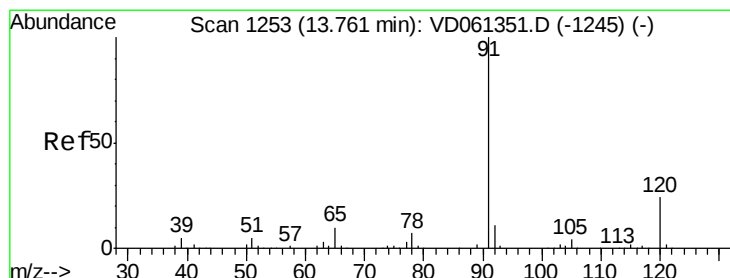
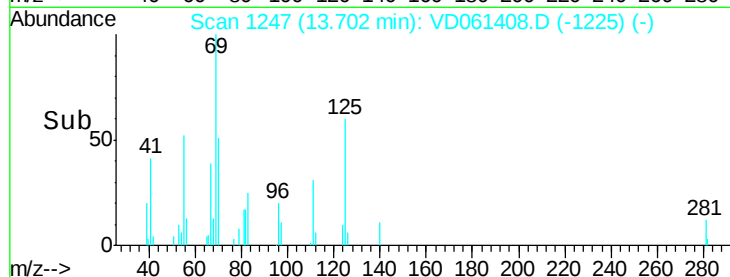
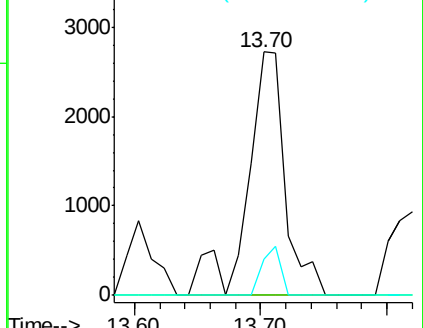
85 14.8 31.2 93.6#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#78

n-propylbenzene

Concen: 8.009 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VD061408.D

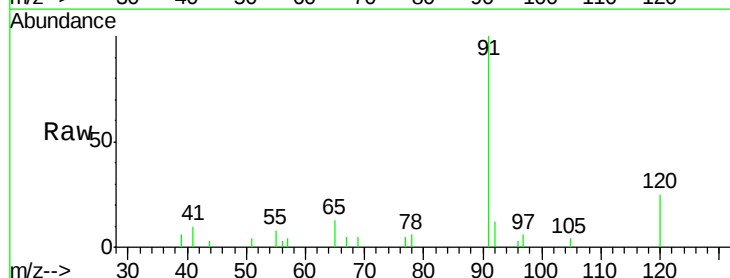
Acq: 28 Mar 2019 23:14

Tgt Ion: 91 Resp: 15698

Ion Ratio Lower Upper

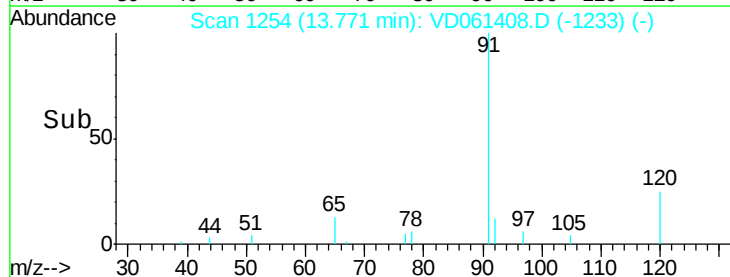
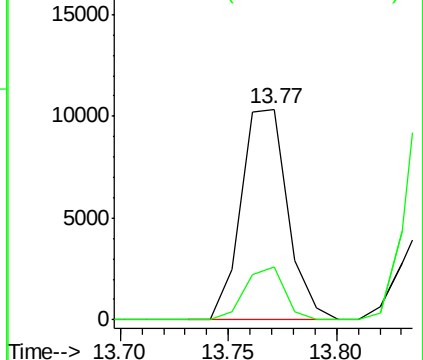
91 100

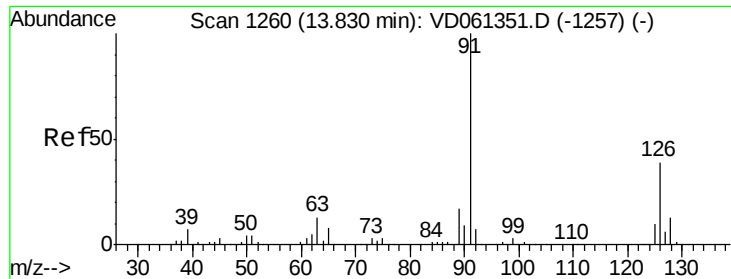
120 25.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC

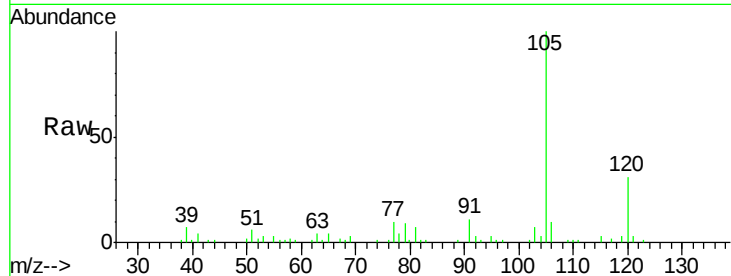




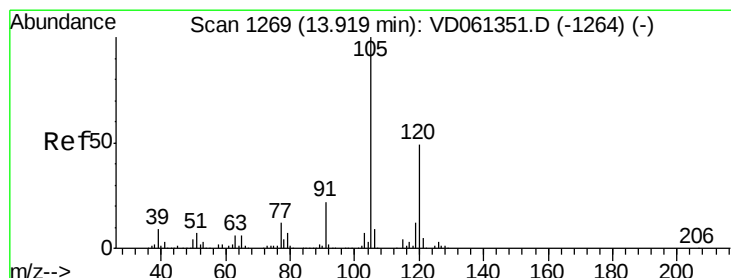
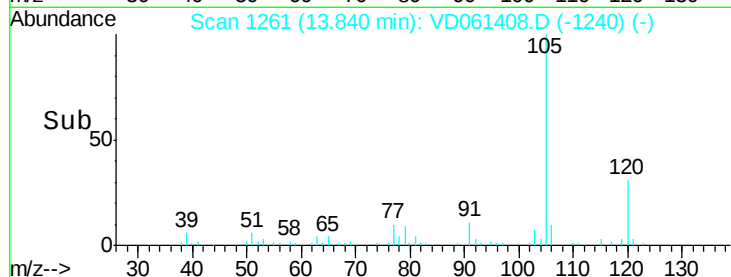
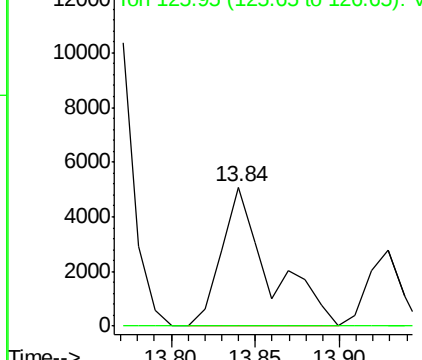
#79
 2-Chlorotoluene
 Concen: 9.458 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

Instrument :
 MSVOA_D
 ClientSampleId :
 DR-WC-001

Tot Ion: 91 Resp: 10065
 Ion Ratio Lower Upper
 91 100
 126 0.0 19.4 58.2#

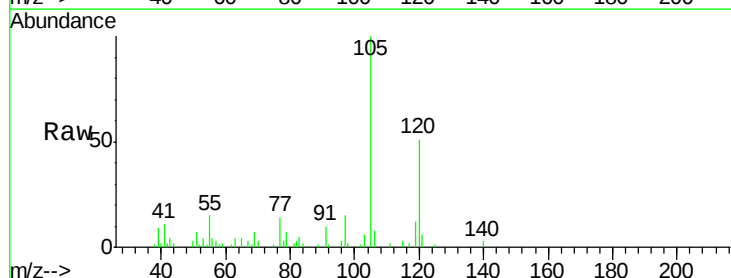


Abundance Ion 91.00 (90.70 to 91.70): VD061351.D (-1257) (-)
 Ion 125.95 (125.65 to 126.65): VD061351.D (-1257) (-)

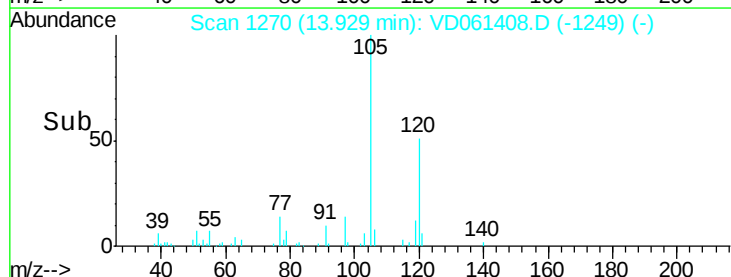
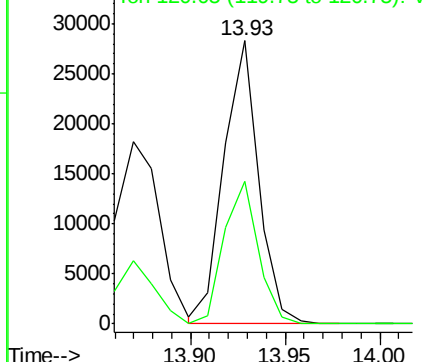


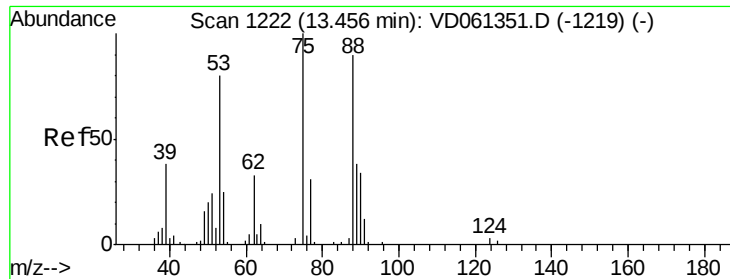
#80
 1,3,5-Trimethylbenzene
 Concen: 28.902 ug/l
 RT: 13.93 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

Tgt Ion: 105 Resp: 35916
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 73.6



Abundance Ion 105.05 (104.75 to 105.75): VD061351.D (-1264) (-)
 Ion 120.05 (119.75 to 120.75): VD061351.D (-1264) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 94.195 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061408.D

Acq: 28 Mar 2019 23:14

Instrument :

MSVOA_D

ClientSampleId :

DR-WC-001

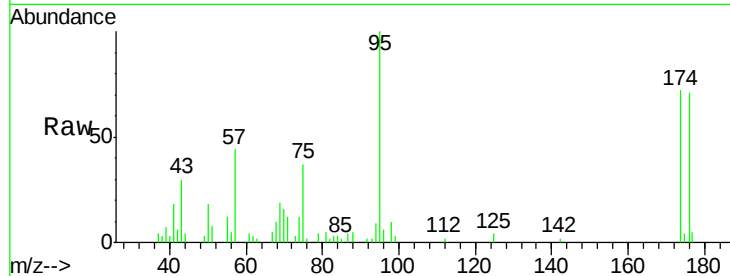
Tot Ion: 75 Resp: 9547

Ion Ratio Lower Upper

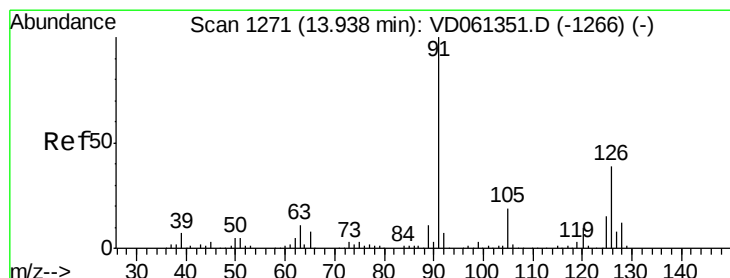
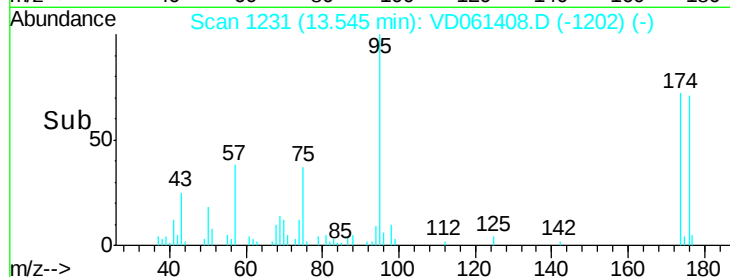
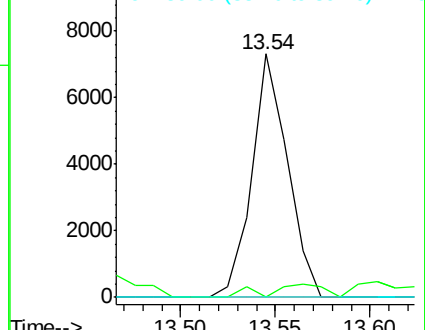
75 100

53 0.0 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: 3.394 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VD061408.D

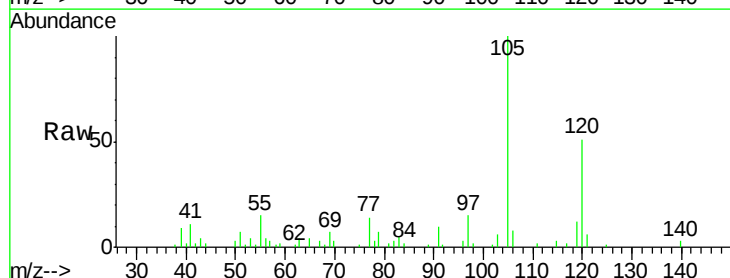
Acq: 28 Mar 2019 23:14

Tgt Ion: 91 Resp: 3928

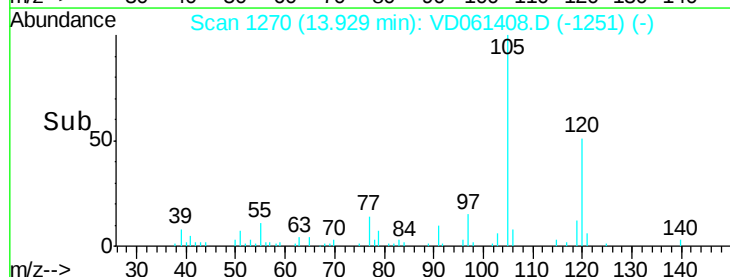
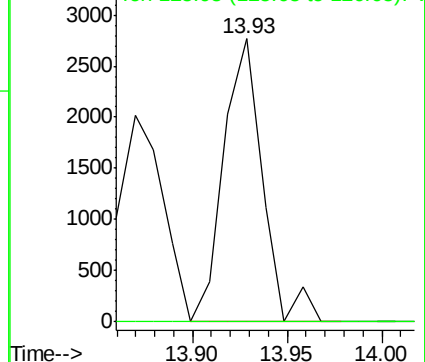
Ion Ratio Lower Upper

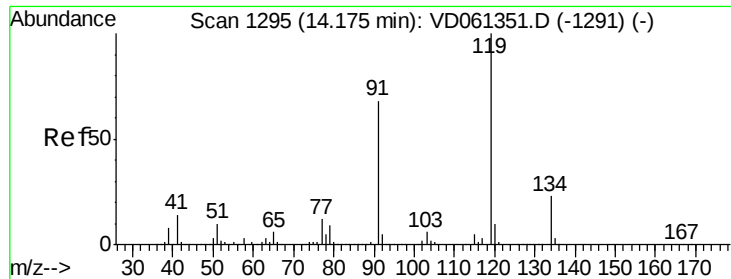
91 100

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

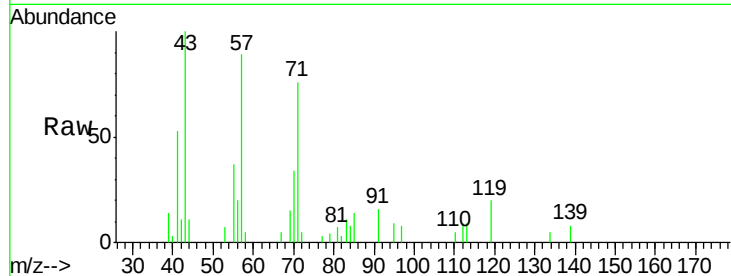




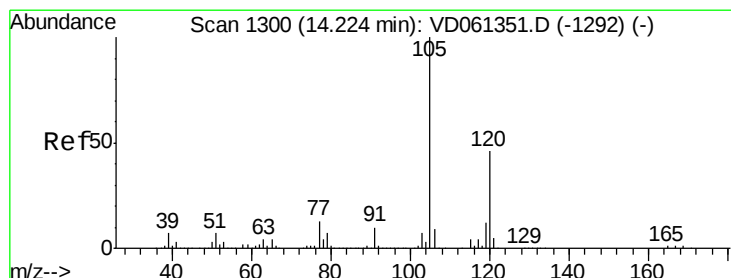
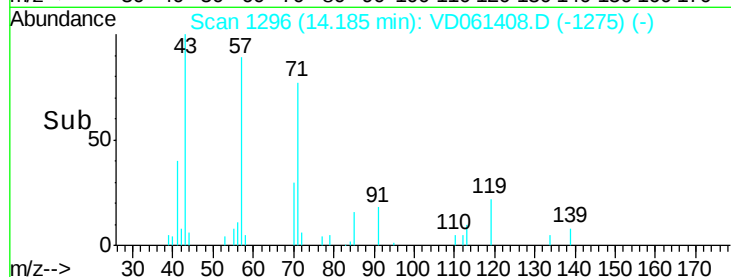
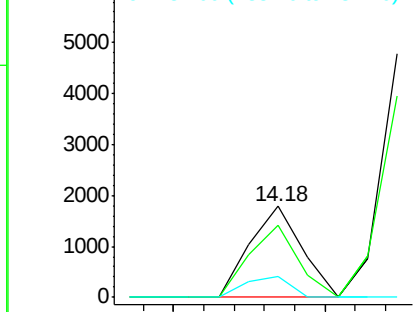
#83
tert-Butylbenzene
Concen: 1.371 ug/l
RT: 14.18 min Scan# 1296
Delta R.T. 0.01 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Instrument :
MSVOA_D
ClientSampleId :
DR-WC-001

Tot Ion:119 Resp: 2129
Ion Ratio Lower Upper
119 100
91 79.0 34.1 102.3
134 23.3 11.6 34.8

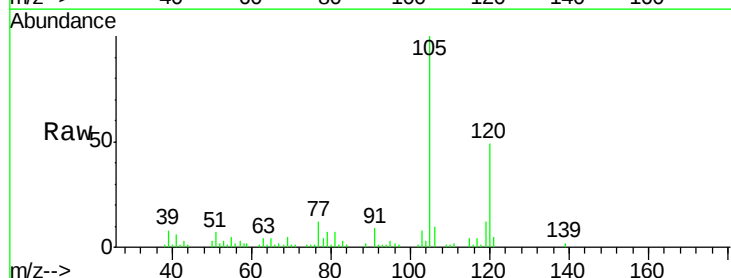


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

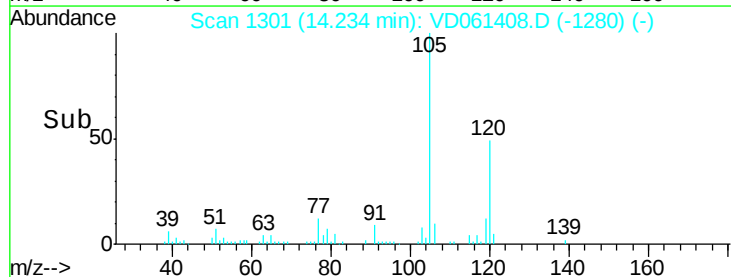
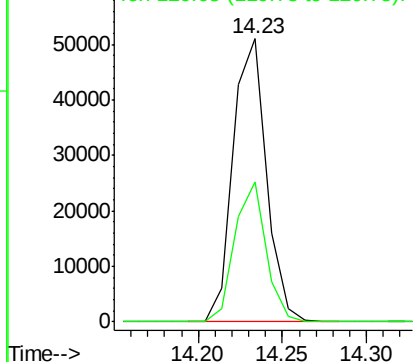


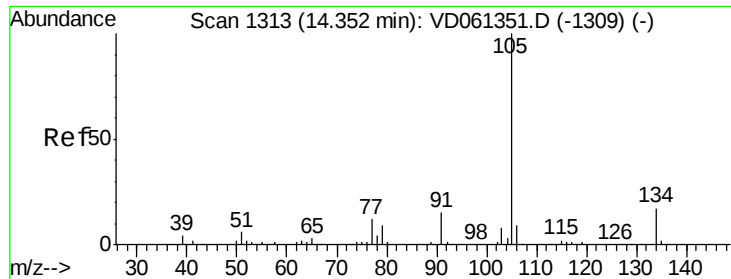
#84
1,2,4-Trimethylbenzene
Concen: 52.159 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Tgt Ion:105 Resp: 70172
Ion Ratio Lower Upper
105 100
120 49.3 22.8 68.4



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

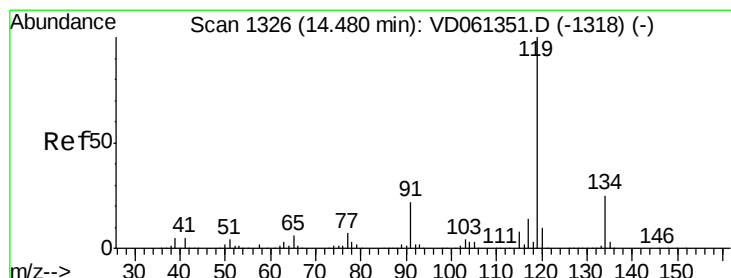
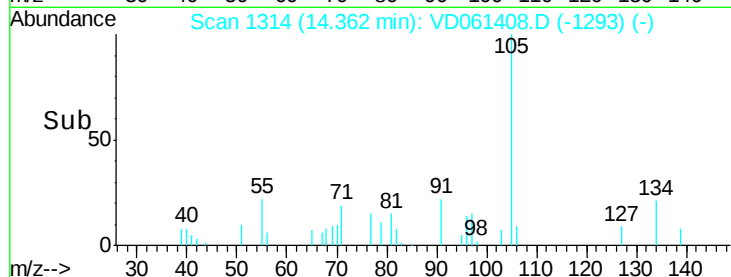
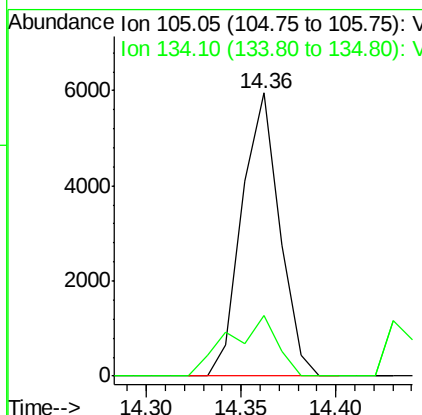
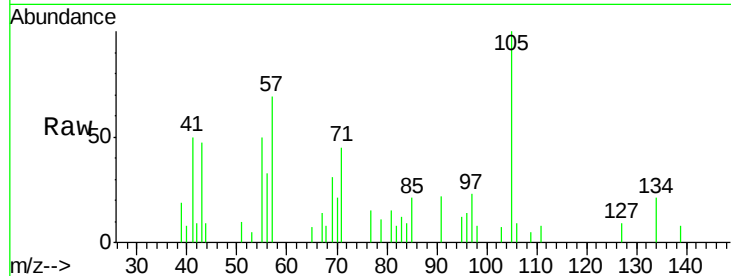




#85
 sec-Butylbenzene
 Concen: 4.976 ug/l
 RT: 14.36 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

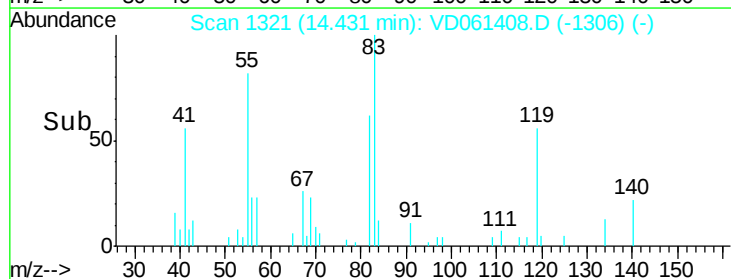
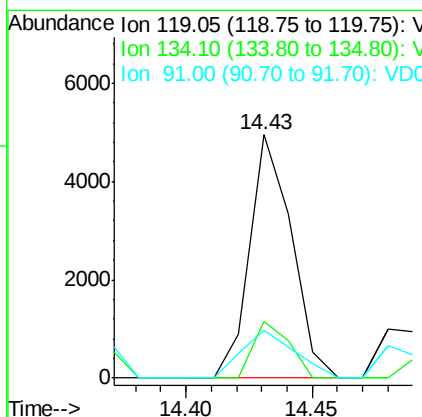
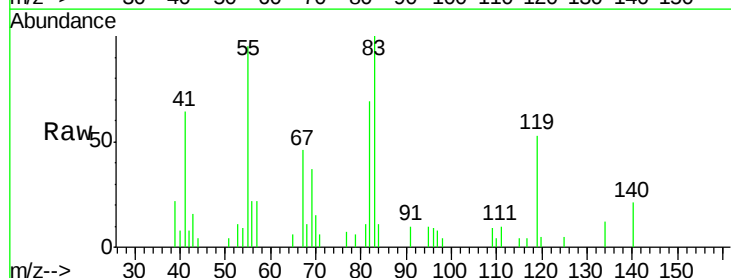
Instrument :
 MSVOA_D
 ClientSampleId :
 DR-WC-001

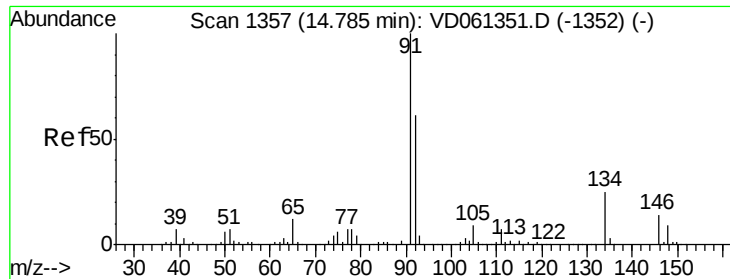
Tot Ion:105 Resp: 8210
 Ion Ratio Lower Upper
 105 100
 134 21.4 8.7 26.1



#86
 p-Isopropyltoluene
 Concen: 4.122 ug/l
 RT: 14.43 min Scan# 1321
 Delta R.T. -0.05 min
 Lab File: VD061408.D
 Acq: 28 Mar 2019 23:14

Tgt Ion:119 Resp: 5751
 Ion Ratio Lower Upper
 119 100
 134 23.4 12.3 36.8
 91 19.5 11.1 33.1

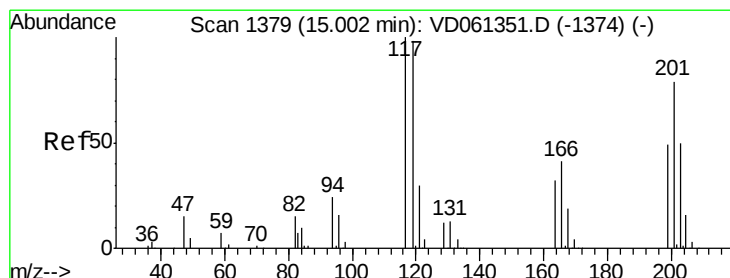
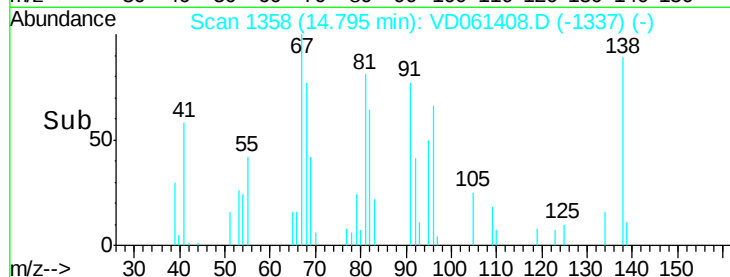
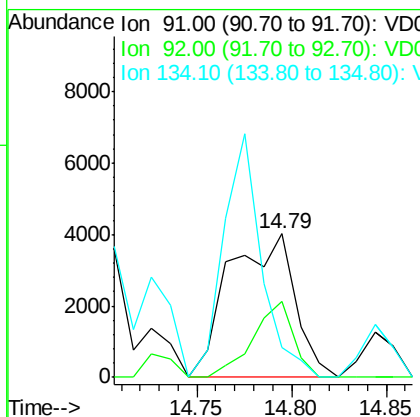
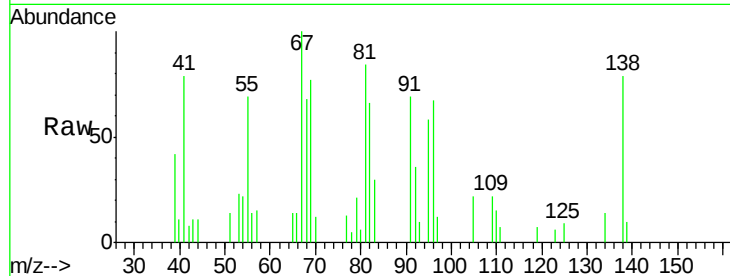




#89
n-Butylbenzene
Concen: 7.535 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

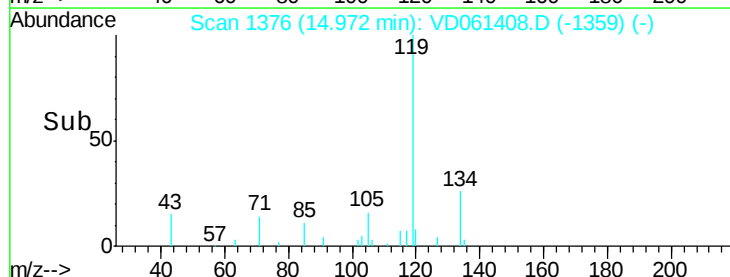
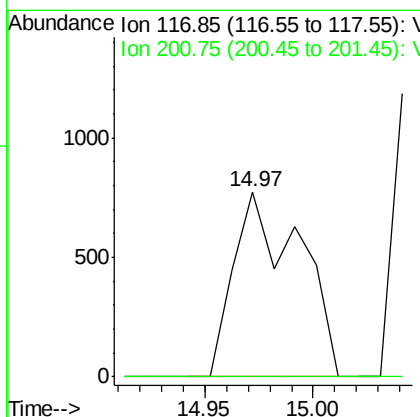
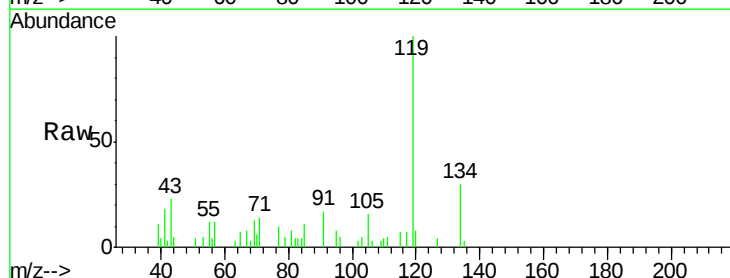
Instrument :
MSVOA_D
ClientSampleId :
DR-WC-001

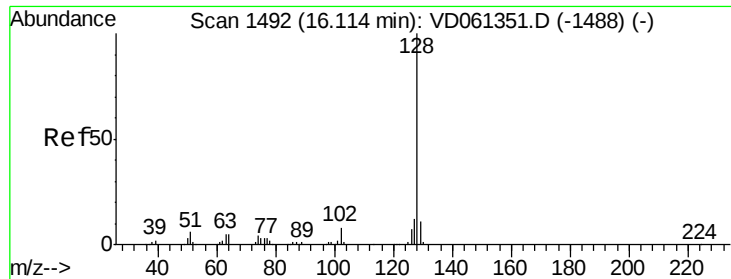
Tot Ion: 91 Resp: 9648
Ion Ratio Lower Upper
91 100
92 53.2 30.3 91.0
134 21.1 12.4 37.0



#90
Hexachloroethane
Concen: 4.154 ug/l
RT: 14.97 min Scan# 1376
Delta R.T. -0.03 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Tgt Ion: 117 Resp: 1637
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#

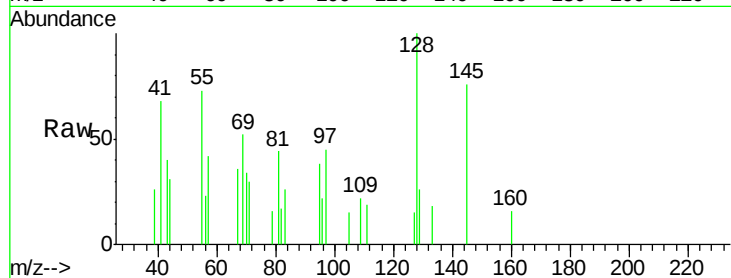




#95
Naphthalene
Concen: 4.907 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD061408.D
Acq: 28 Mar 2019 23:14

Instrument :
MSVOA_D
ClientSampleId :
DR-WC-001

Tot Ion:128 Resp: 2247
Ion Ratio Lower Upper
128 100
127 15.1 9.9 14.9#
129 26.0 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

