

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
 Data File : VD057994.D
 Acq On : 8 Jun 2018 3:36
 Operator : JC/SY
 Sample : J3329-02RE
 Misc : 6.18g/5ml/MSVOA_D/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-30(0-5)RE

Quant Time: Jun 08 06:54:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	26189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	48394	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	48506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	27133	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	28724	109.71	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	219.42%	
35) Dibromofluoromethane	5.54	113	20356	54.37	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	108.74%	
50) Toluene-d8	8.71	98	39509	44.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.76%	
62) 4-Bromofluorobenzene	11.92	95	23000	59.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.46%	

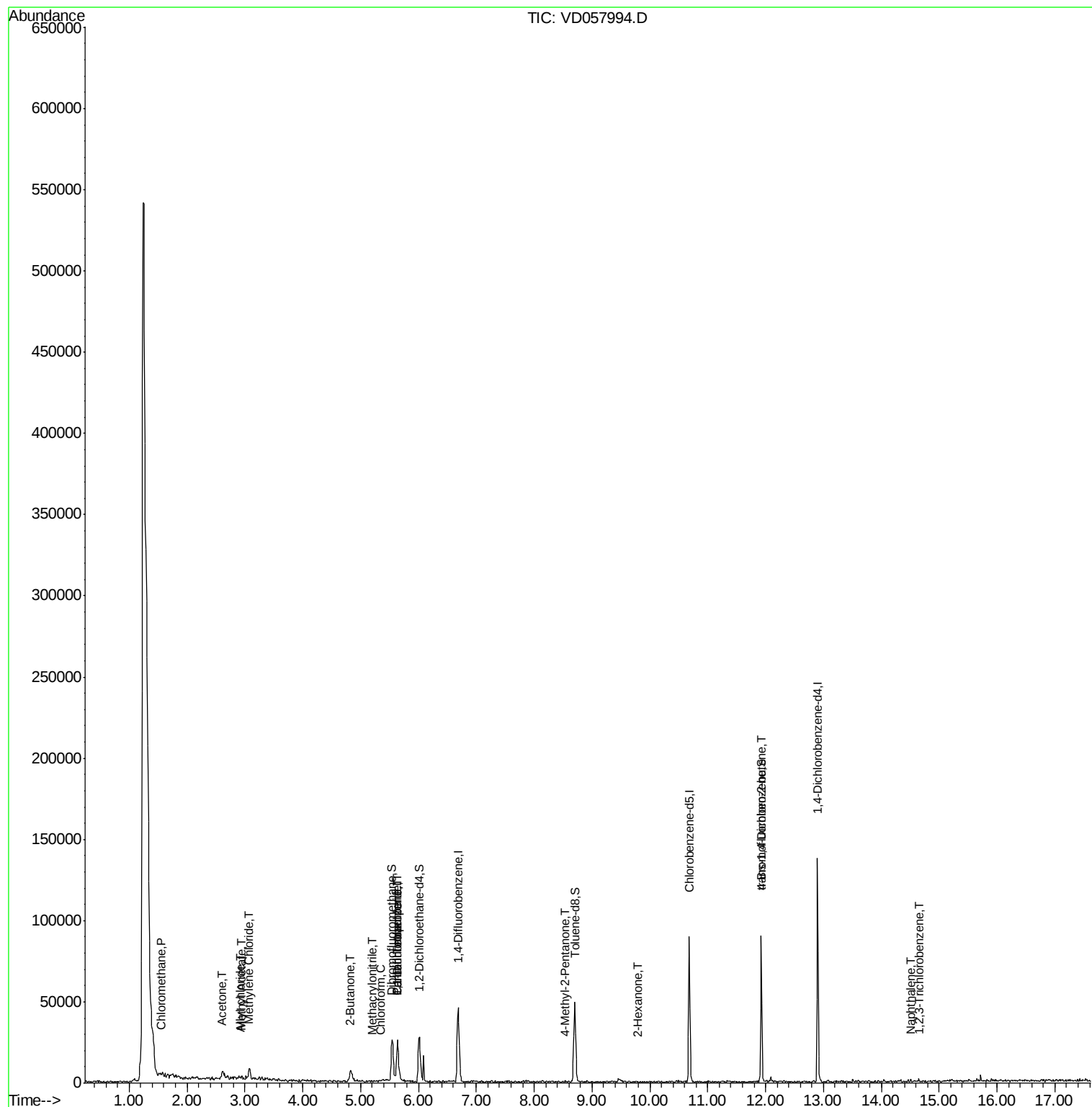
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.56	50	406	2.345	ug/l #	41
14) Allyl chloride	2.92	41	494	2.039	ug/l #	68
16) Acetone	2.61	43	9433	250.067	ug/l	95
18) Methyl Acetate	2.94	43	1580	21.652	ug/l #	66
20) Methylene Chloride	3.07	84	2797	26.313	ug/l #	82
25) 2-Butanone	4.82	43	1264	14.744	ug/l #	64
30) Chloroform	5.33	83	725	1.366	ug/l #	18
36) 1,1-Dichloropropene	5.63	75	2040	3.826	ug/l #	45
38) Carbon Tetrachloride	5.63	117	1690	3.216	ug/l #	12
41) Methacrylonitrile	5.20	41	229	1.722	ug/l #	32
51) 4-Methyl-2-Pentanone	8.54	43	255	1.043	ug/l #	42
59) 2-Hexanone	9.79	43	180	1.005	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.92	75	10975	108.717	ug/l #	6
82) 4-Chlorotoluene	12.32	91	315	Below Cal	#	50
95) Naphthalene	14.50	128	1298	1.482	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.65	180	629	1.086	ug/l #	74

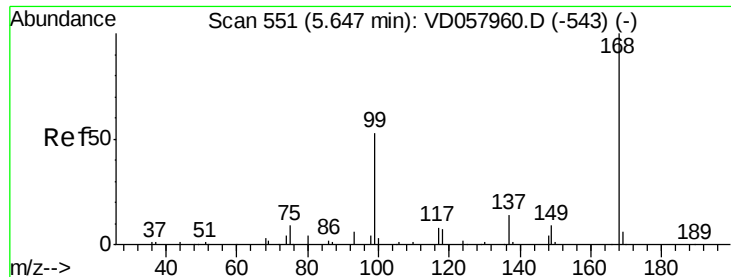
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD057994.D

Acq: 8 Jun 2018 3:36

Instrument :

MSVOA_D

ClientSampleId :

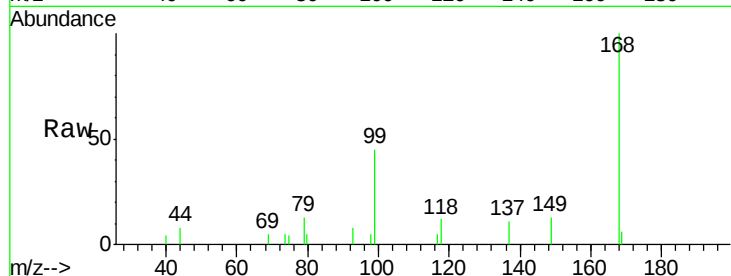
MH-30(0-5)RE

Tgt Ion:168 Resp: 26189

Ion Ratio Lower Upper

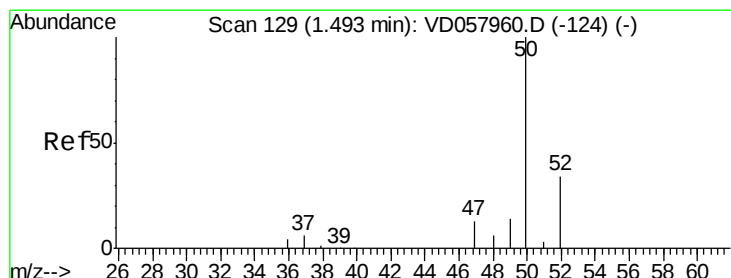
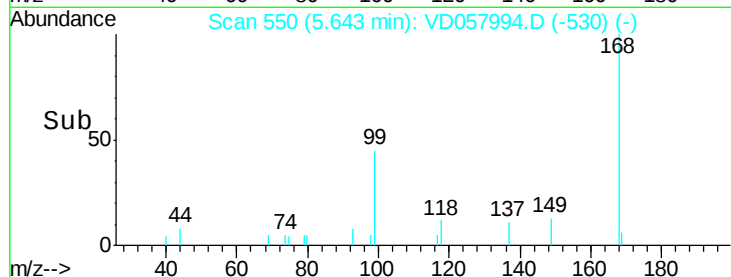
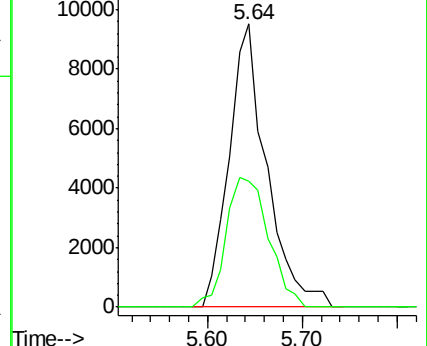
168 100

99 44.7 46.8 70.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 2.345 ug/l

RT: 1.56 min Scan# 135

Delta R.T. 0.07 min

Lab File: VD057994.D

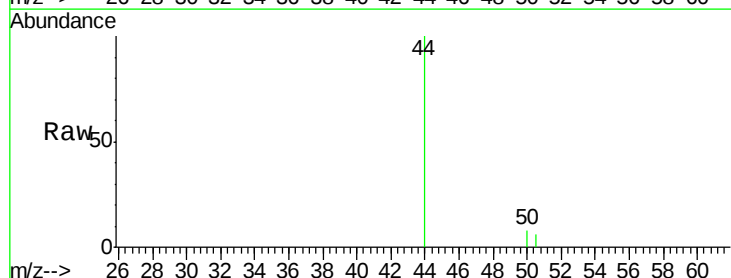
Acq: 8 Jun 2018 3:36

Tgt Ion: 50 Resp: 406

Ion Ratio Lower Upper

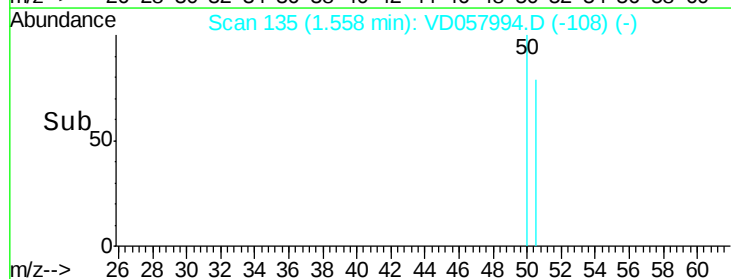
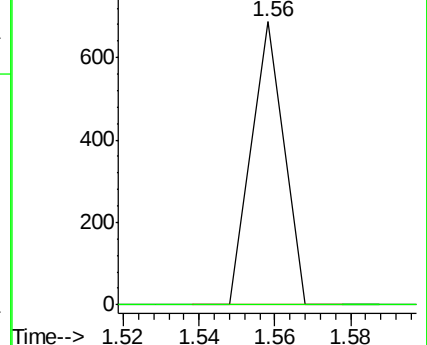
50 100

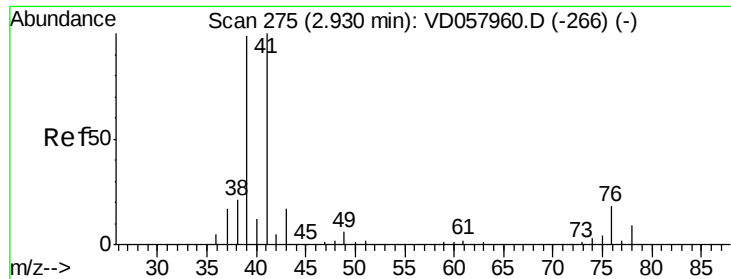
52 0.0 27.2 40.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

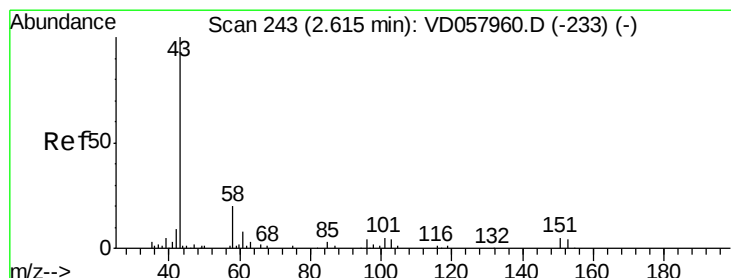
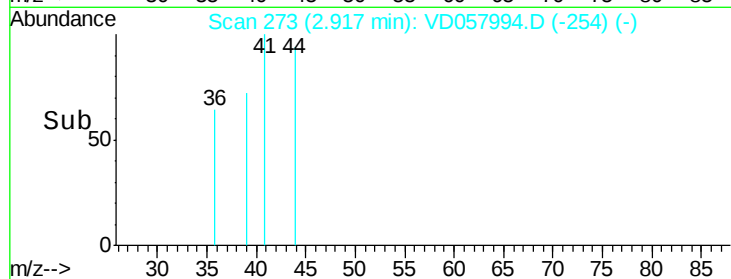
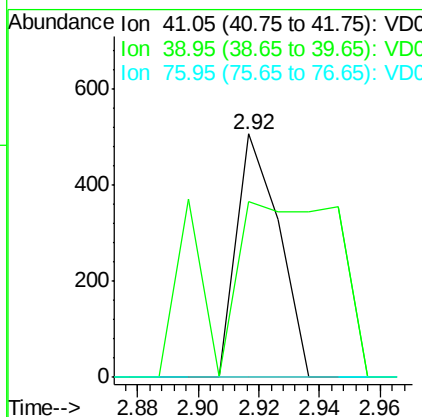
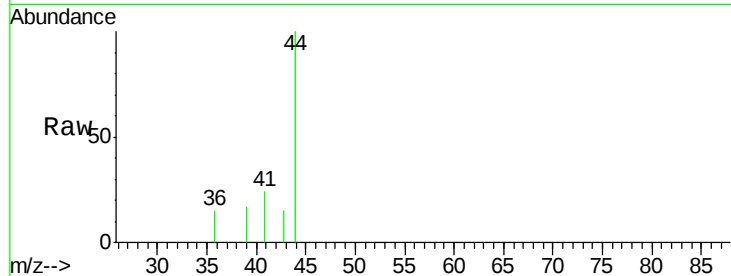




#14
 Allyl chloride
 Concen: 2.039 ug/l
 RT: 2.92 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: VD057994.D
 Acq: 8 Jun 2018 3:36

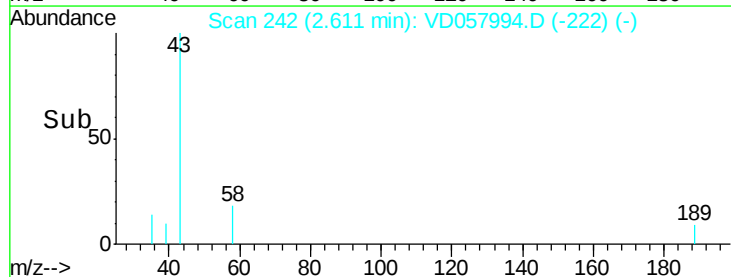
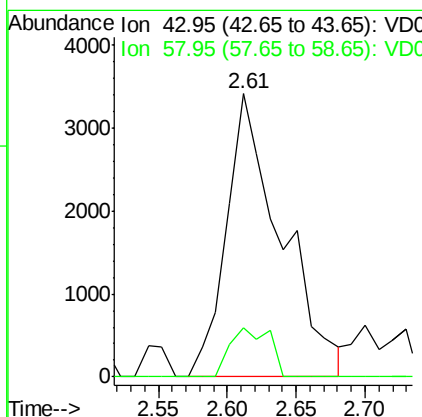
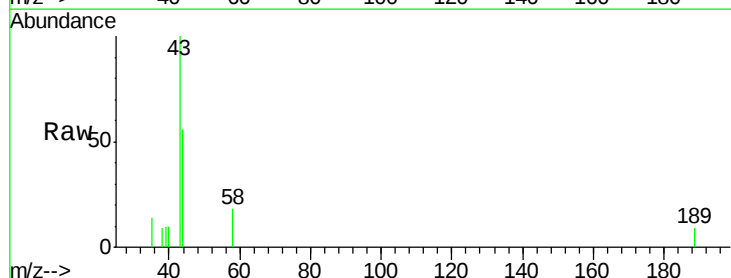
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-30(0-5)RE

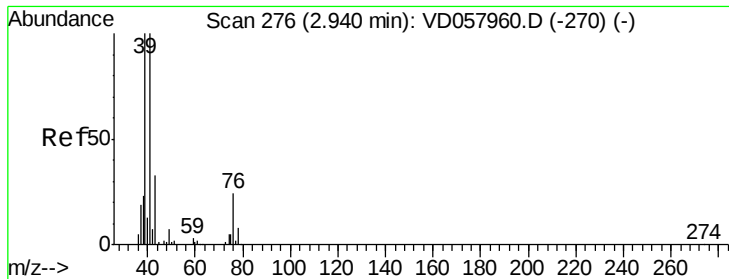
Tgt Ion: 41 Resp: 494
 Ion Ratio Lower Upper
 41 100
 39 72.2 79.5 119.3#
 76 0.0 20.7 31.1#



#16
 Acetone
 Concen: 250.067 ug/l
 RT: 2.61 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VD057994.D
 Acq: 8 Jun 2018 3:36

Tgt Ion: 43 Resp: 9433
 Ion Ratio Lower Upper
 43 100
 58 17.6 15.8 23.8

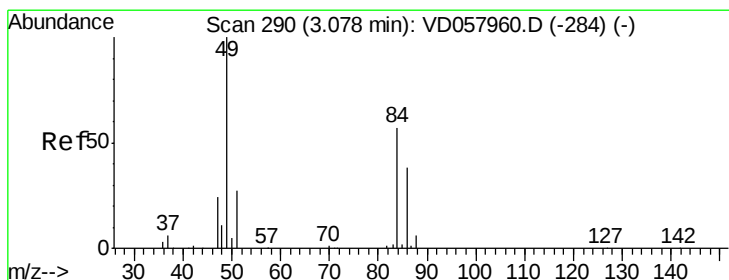
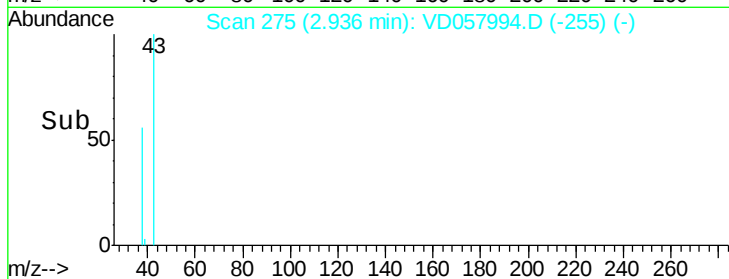
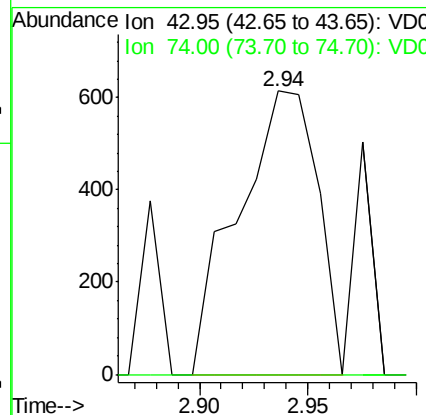
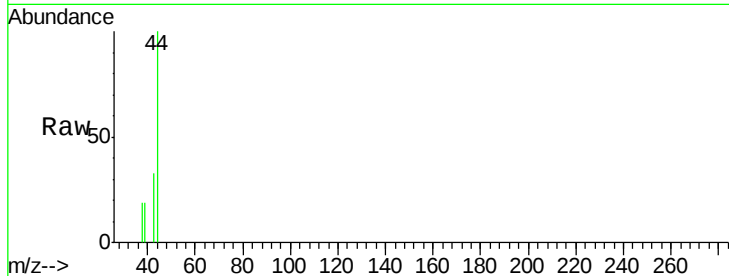




#18
Methyl Acetate
Concen: 21.652 ug/l
RT: 2.94 min Scan# 275
Delta R.T. -0.00 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

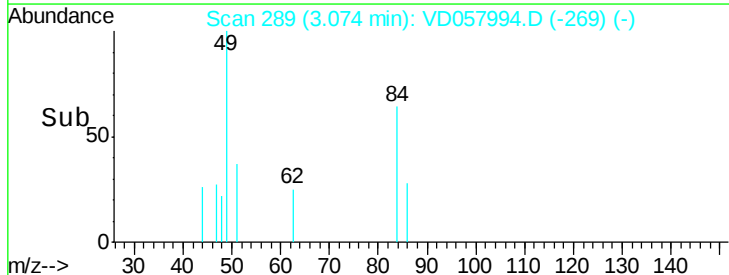
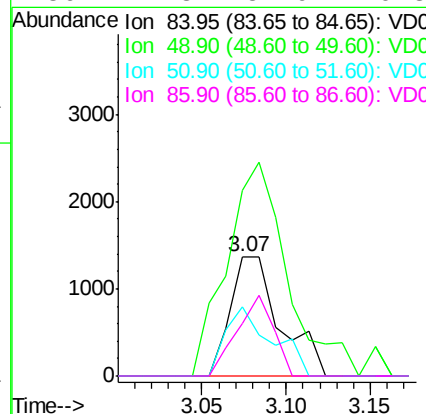
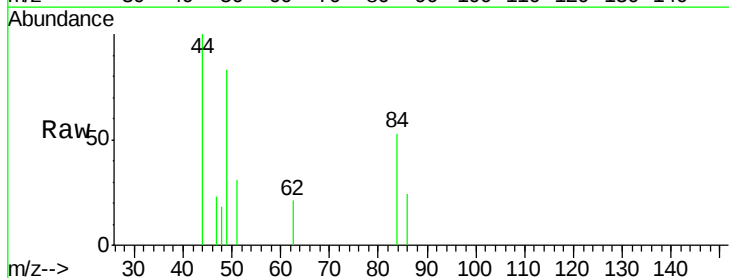
Instrument :
MSVOA_D
ClientSampleId :
MH-30(0-5)RE

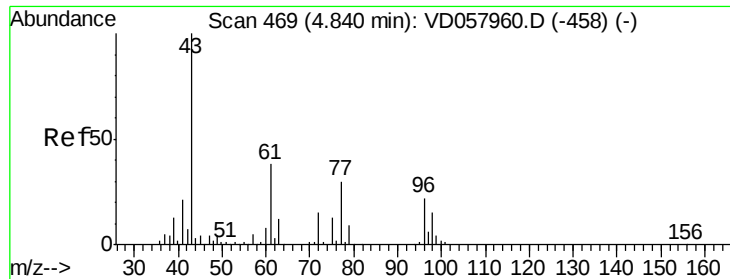
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
74 0.0 11.2 16.8#



#20
Methylene Chloride
Concen: 26.313 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.00 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Tgt Ion: 84 Resp: 2797
Ion Ratio Lower Upper
84 100
49 156.1 141.4 212.0
51 58.0 38.3 57.5#
86 44.3 52.9 79.3#





#25

2-Butanone

Concen: 14.744 ug/l

RT: 4.82 min Scan# 466

Delta R.T. -0.02 min

Lab File: VD057994.D

Acq: 8 Jun 2018 3:36

Instrument :

MSVOA_D

ClientSampleId :

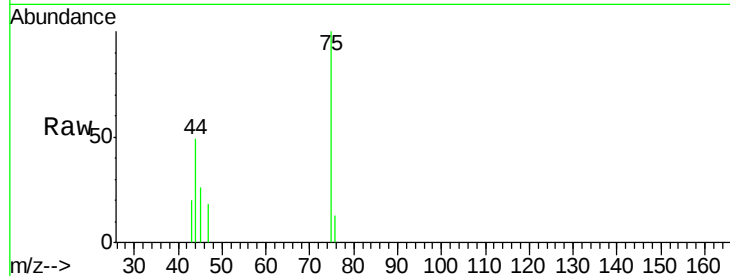
MH-30(0-5)RE

Tgt Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

72 0.0 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

4.82

600

500

400

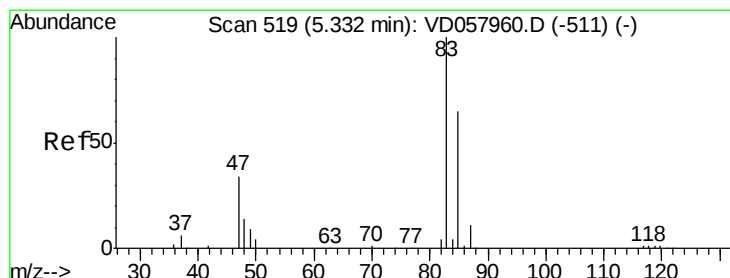
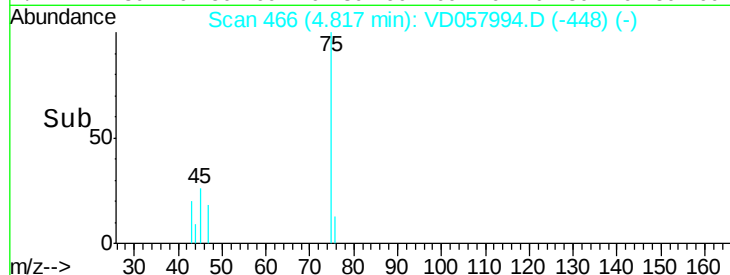
300

200

100

0

Time-->



#30

Chloroform

Concen: 1.366 ug/l

RT: 5.33 min Scan# 518

Delta R.T. -0.00 min

Lab File: VD057994.D

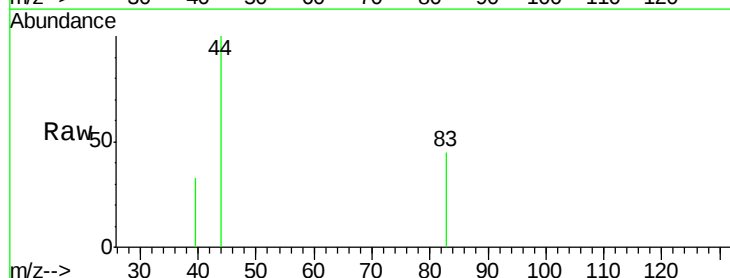
Acq: 8 Jun 2018 3:36

Tgt Ion: 83 Resp: 725

Ion Ratio Lower Upper

83 100

85 0.0 51.6 77.4#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

5.33

500

400

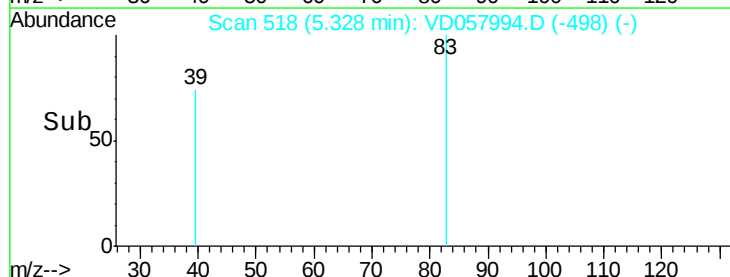
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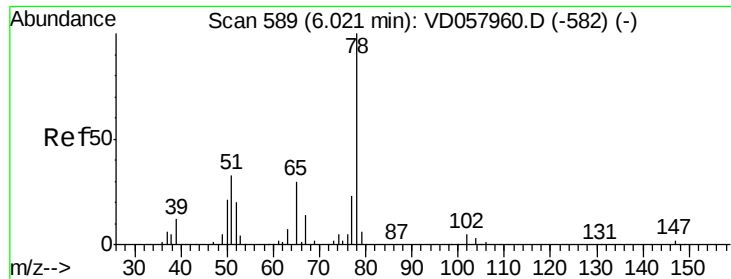
200

100

0

Time-->

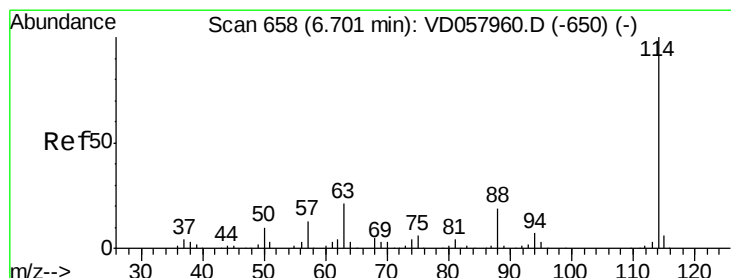
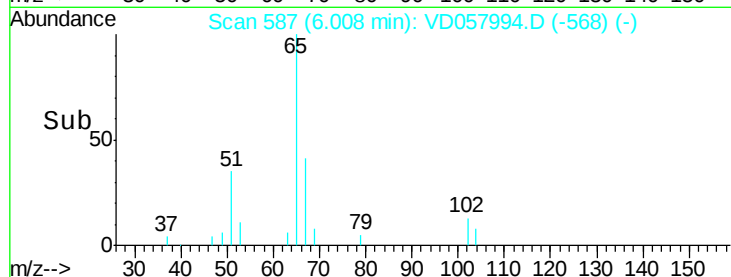
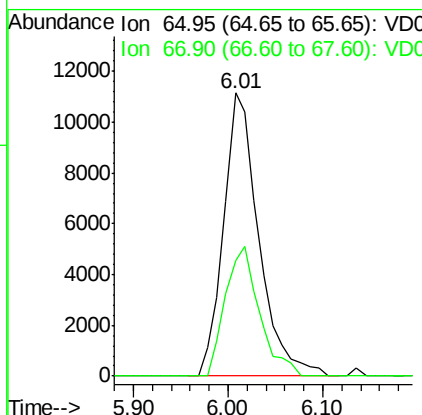
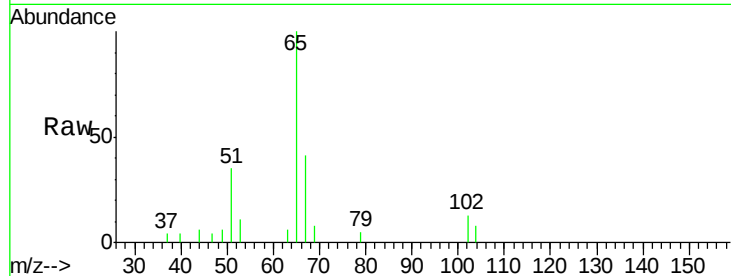




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: VD057994.D
 Acq: 8 Jun 2018 3:36

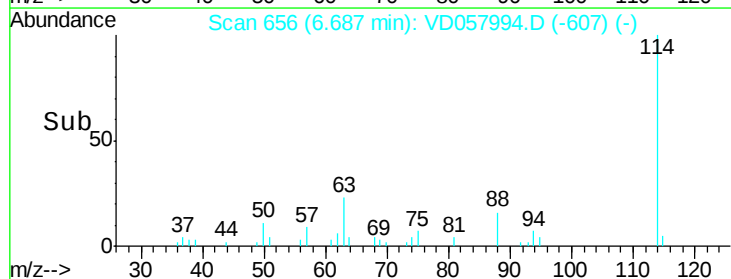
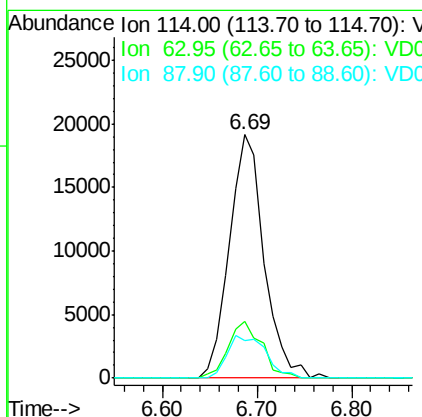
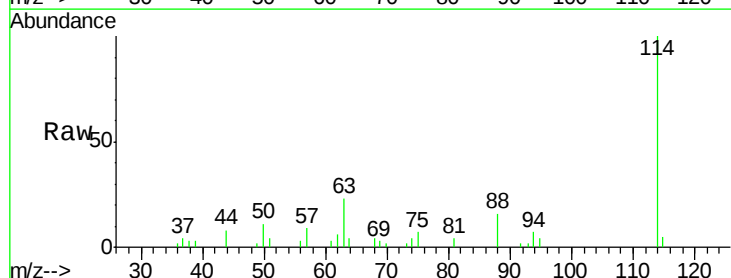
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-30(0-5)RE

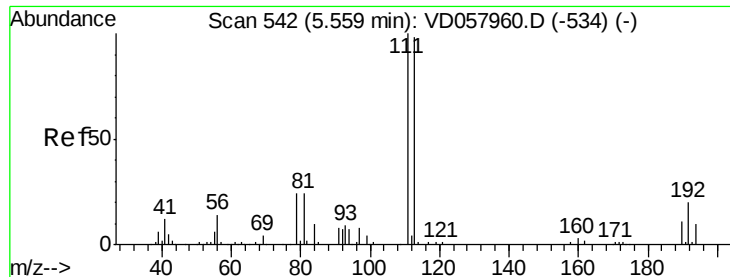
Tgt Ion: 65 Resp: 28724
 Ion Ratio Lower Upper
 65 100
 67 41.0 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD057994.D
 Acq: 8 Jun 2018 3:36

Tgt Ion: 114 Resp: 48394
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 42.8
 88 15.6 0.0 37.8

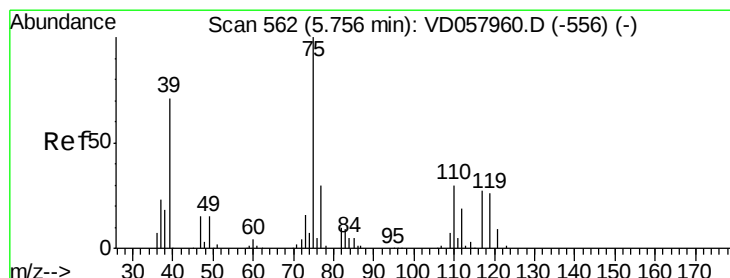
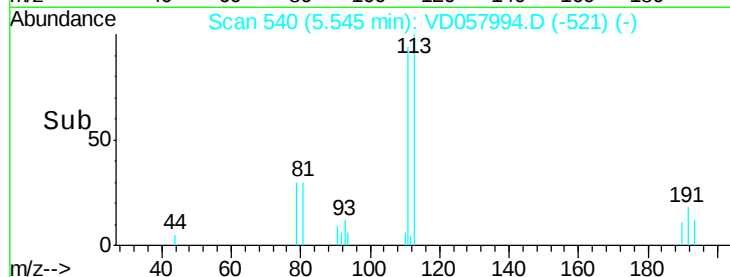
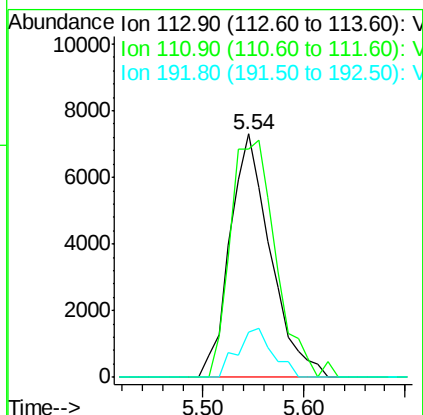
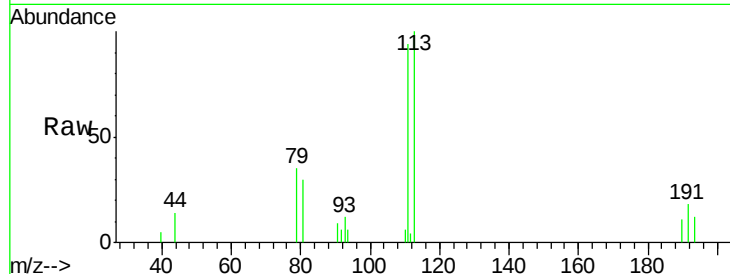




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD057994.D
 Acq: 8 Jun 2018 3:36

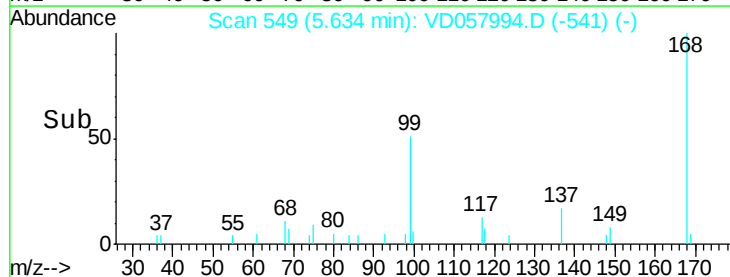
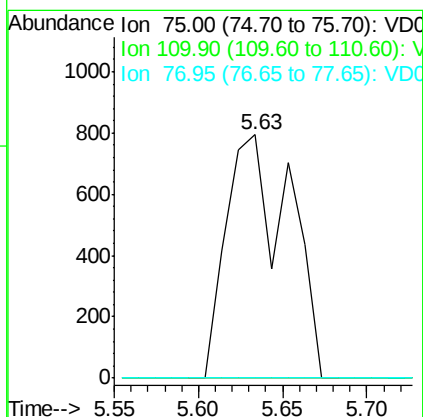
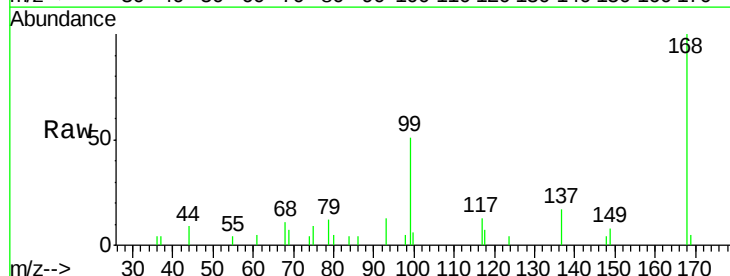
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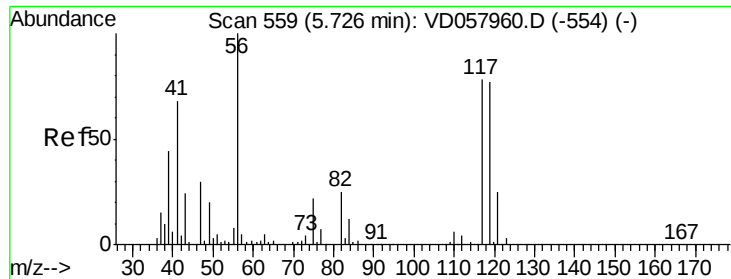
Tgt Ion: 113 Resp: 20356
 Ion Ratio Lower Upper
 113 100
 111 93.8 81.5 122.3
 192 18.4 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 3.826 ug/l
 RT: 5.63 min Scan# 549
 Delta R.T. -0.12 min
 Lab File: VD057994.D
 Acq: 8 Jun 2018 3:36

Tgt Ion: 75 Resp: 2040
 Ion Ratio Lower Upper
 75 100
 110 0.0 14.8 44.3#
 77 0.0 23.9 35.9#





#38

Carbon Tetrachloride

Concen: 3.216 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.09 min

Lab File: VD057994.D

Acq: 8 Jun 2018 3:36

Instrument :

MSVOA_D

ClientSampleId :

MH-30(0-5)RE

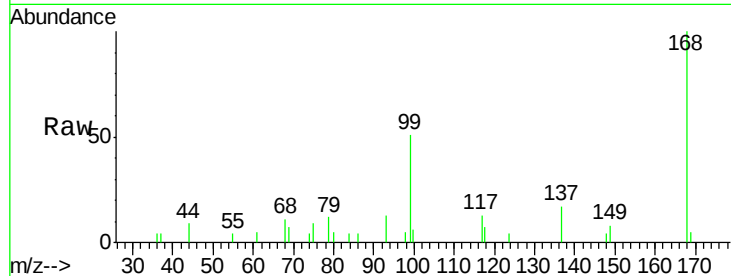
Tgt Ion:117 Resp: 1690

Ion Ratio Lower Upper

117 100

119 0.0 76.1 114.1#

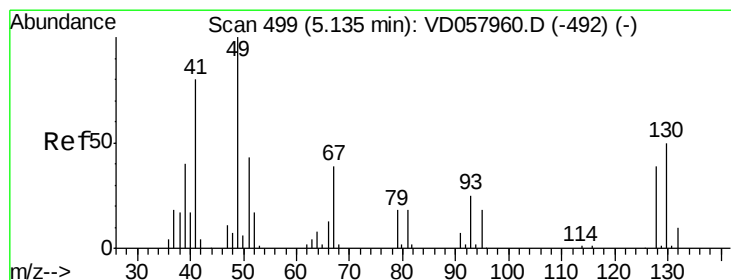
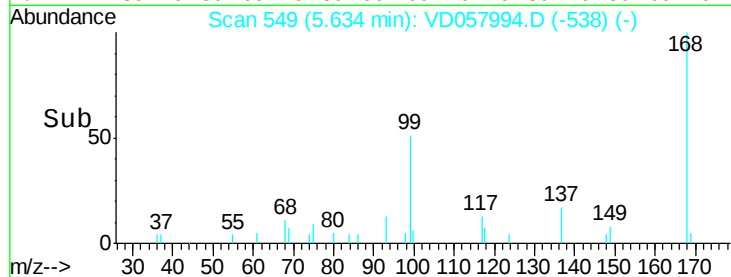
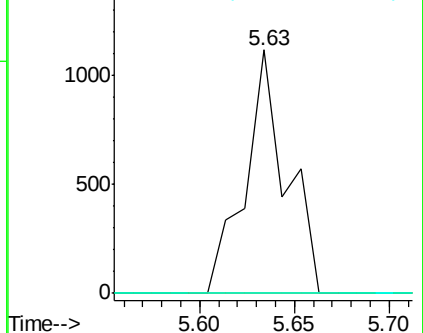
121 0.0 24.9 37.3#



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



#41

Methacrylonitrile

Concen: 1.722 ug/l

RT: 5.20 min Scan# 505

Delta R.T. 0.07 min

Lab File: VD057994.D

Acq: 8 Jun 2018 3:36

Tgt Ion: 41 Resp: 229

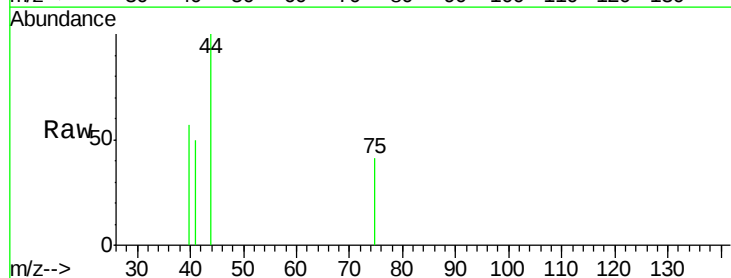
Ion Ratio Lower Upper

41 100

39 0.0 40.7 61.1#

67 0.0 38.8 58.2#

52 0.0 17.3 25.9#

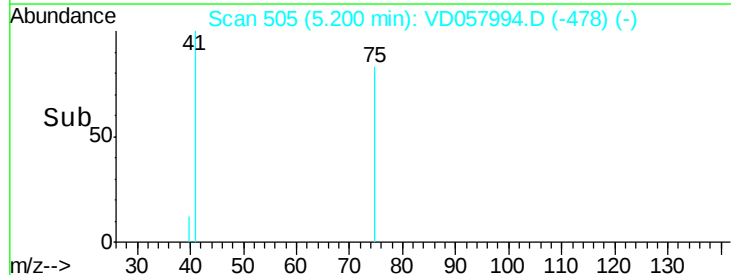
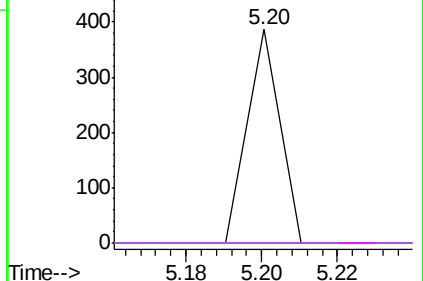


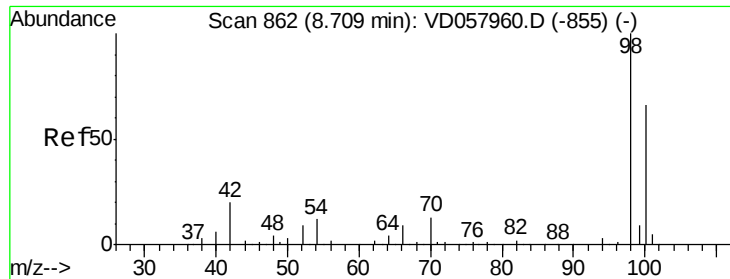
Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

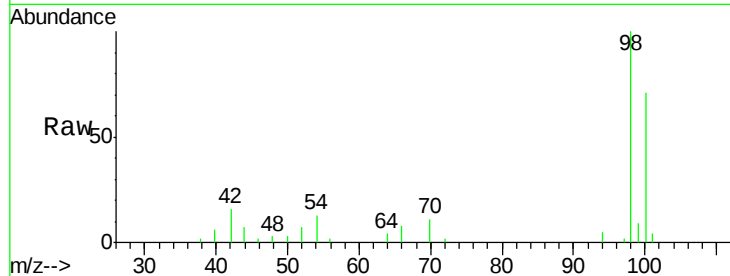




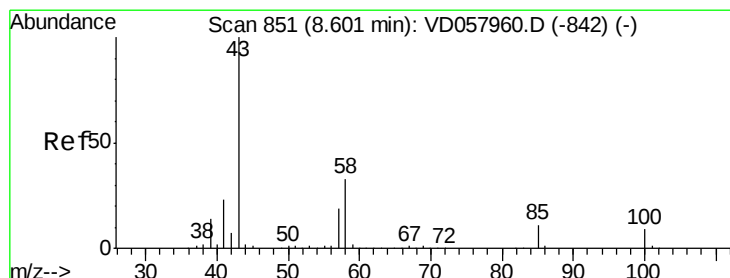
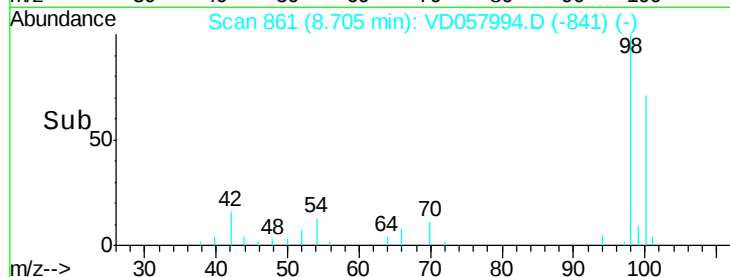
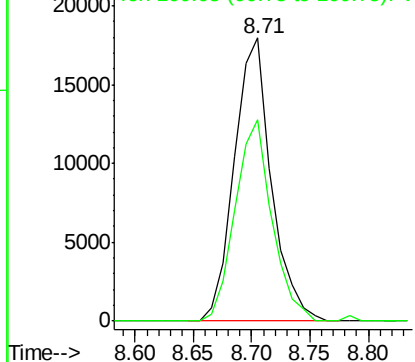
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Instrument :
MSVOA_D
ClientSampleId :
MH-30(0-5)RE

Tgt Ion: 98 Resp: 39509
Ion Ratio Lower Upper
98 100
100 71.0 53.4 80.0

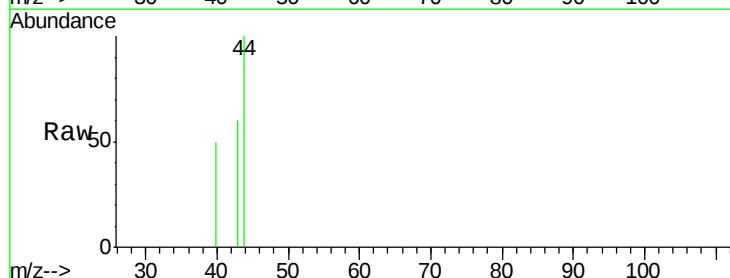


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

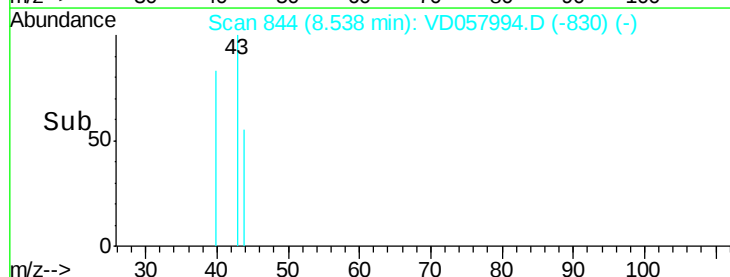
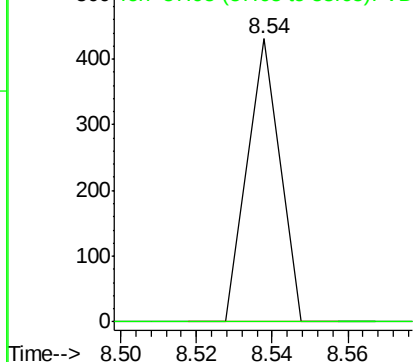


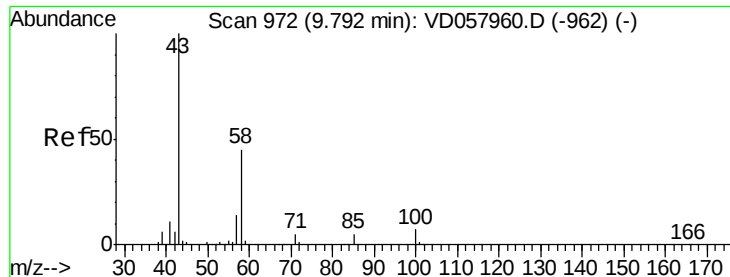
#51
4-Methyl-2-Pentanone
Concen: 1.043 ug/l
RT: 8.54 min Scan# 844
Delta R.T. -0.06 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Tgt Ion: 43 Resp: 255
Ion Ratio Lower Upper
43 100
58 0.0 26.2 39.4#



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

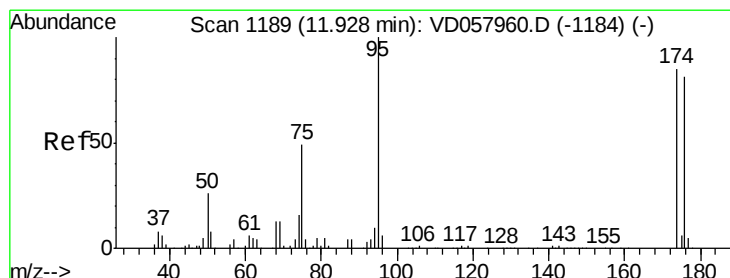
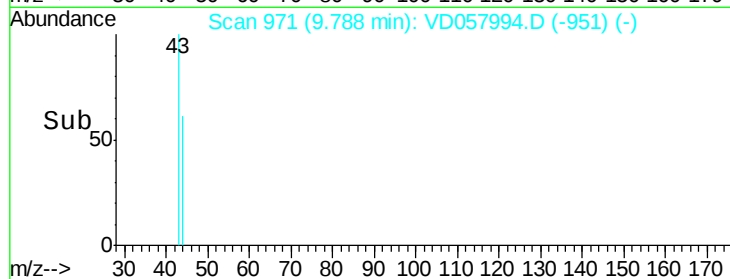
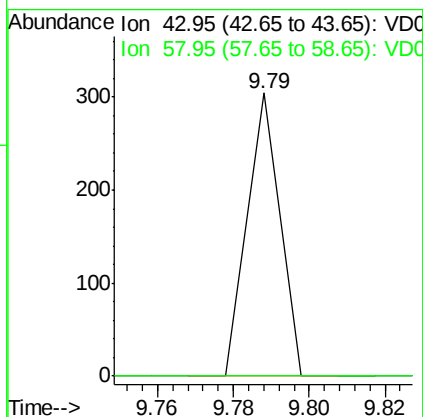
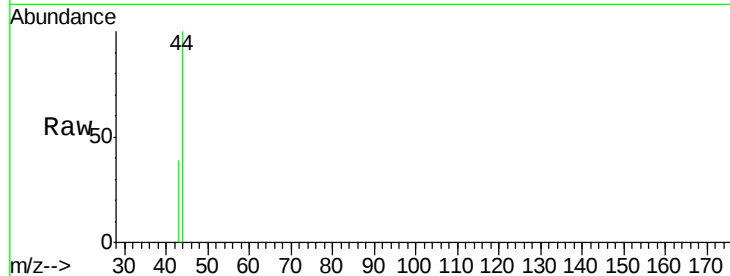




#59
2-Hexanone
Concen: 1.005 ug/l
RT: 9.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

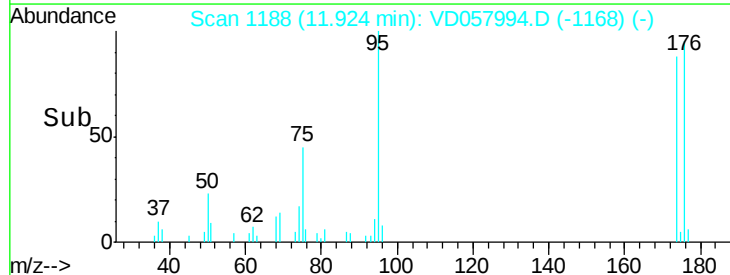
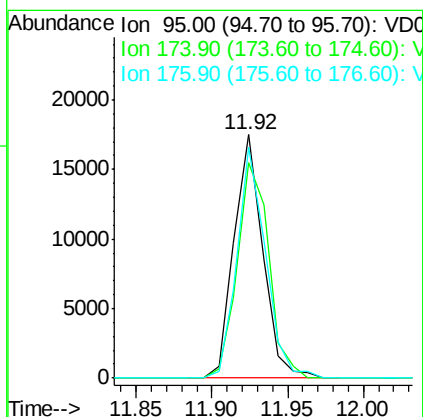
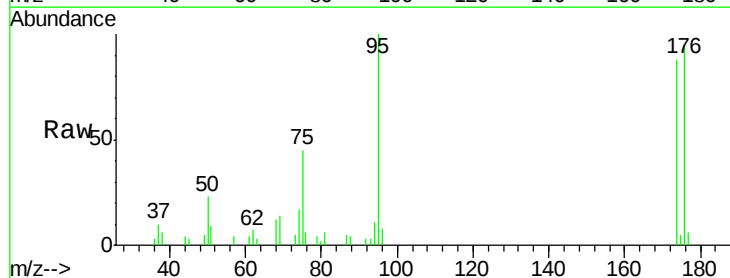
Instrument :
MSVOA_D
ClientSampleId :
MH-30(0-5)RE

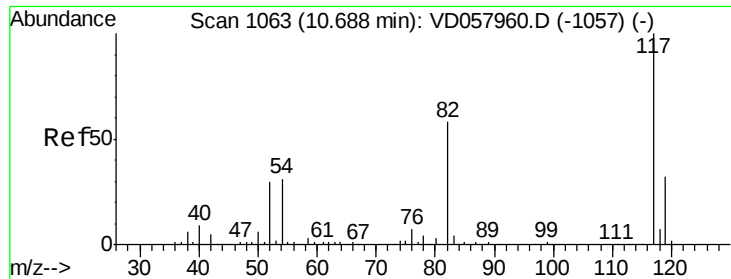
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
58 0.0 22.5 67.5#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Tgt Ion: 95 Resp: 23000
Ion Ratio Lower Upper
95 100
174 88.5 0.0 169.4
176 94.7 0.0 162.6

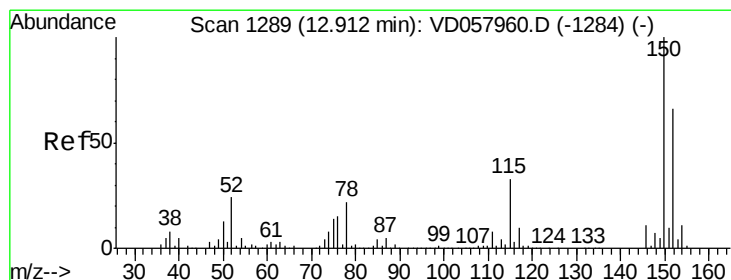
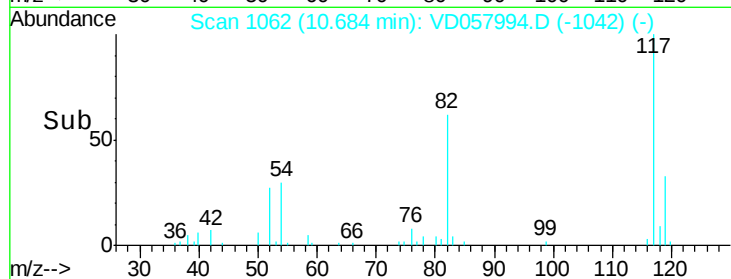
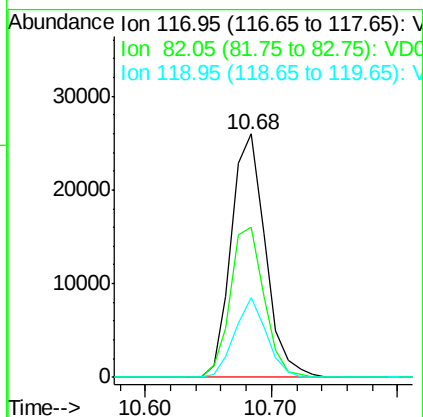
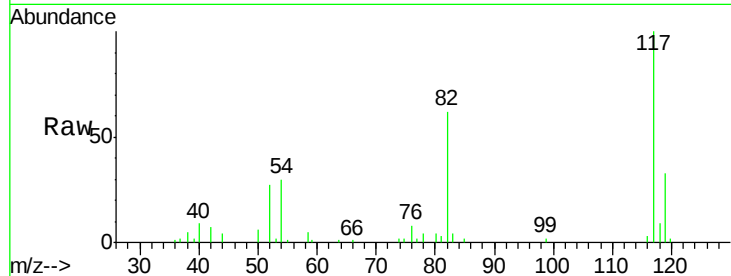




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

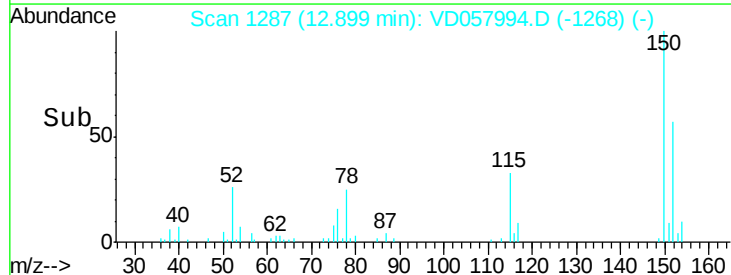
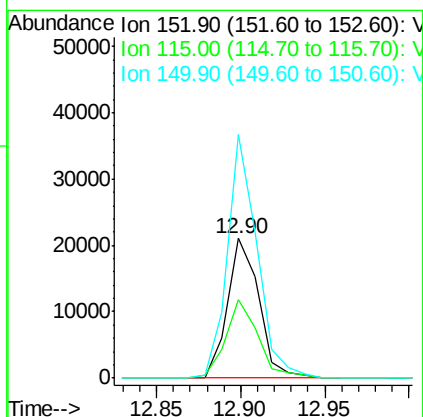
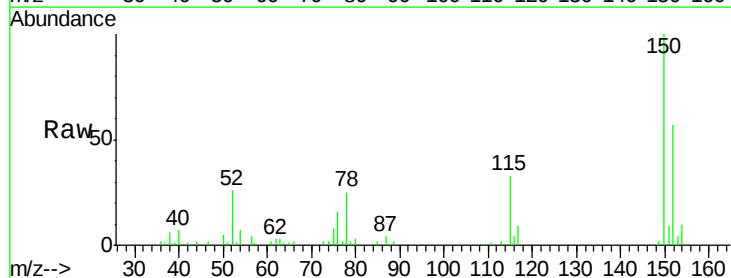
Instrument :
MSVOA_D
ClientSampleId :
MH-30(0-5)RE

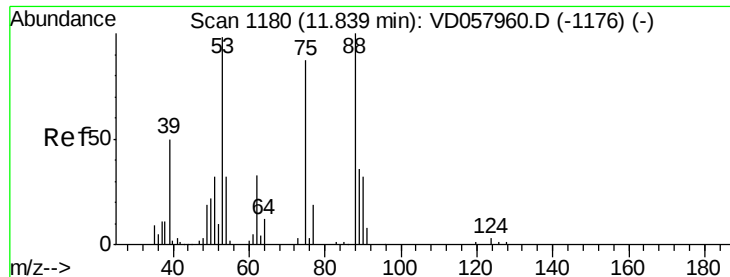
Tgt Ion:117 Resp: 48506
Ion Ratio Lower Upper
117 100
82 61.7 46.8 70.2
119 32.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Tgt Ion:152 Resp: 27133
Ion Ratio Lower Upper
152 100
115 56.7 25.6 76.6
150 174.4 0.0 306.8

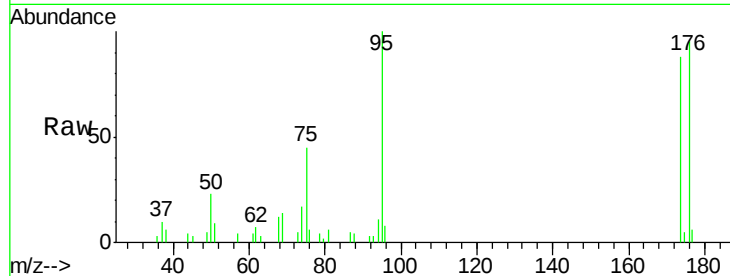




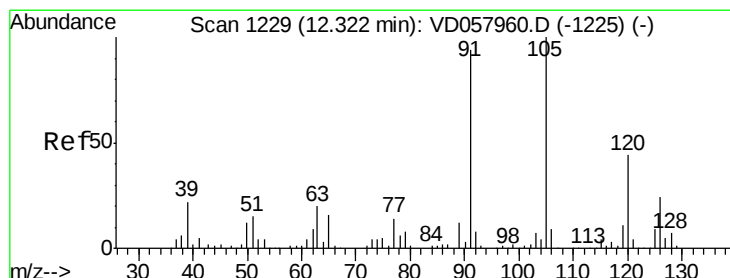
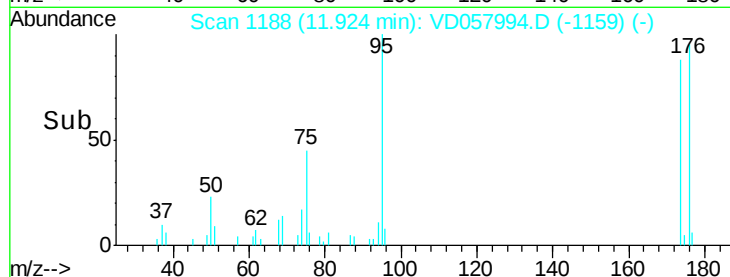
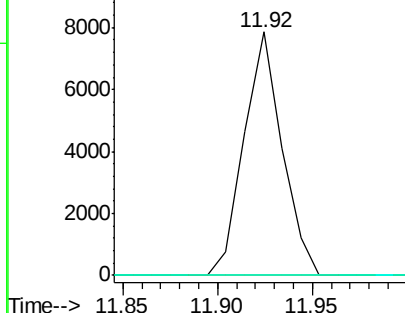
#81
trans-1,4-Dichloro-2-butene
Concen: 108.717 ug/l
RT: 11.92 min Scan# 1188
Delta R.T. 0.08 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Instrument :
MSVOA_D
ClientSampleId :
MH-30(0-5)RE

Tgt Ion: 75 Resp: 10975
Ion Ratio Lower Upper
75 100
53 0.0 89.3 133.9#
89 0.0 33.3 49.9#

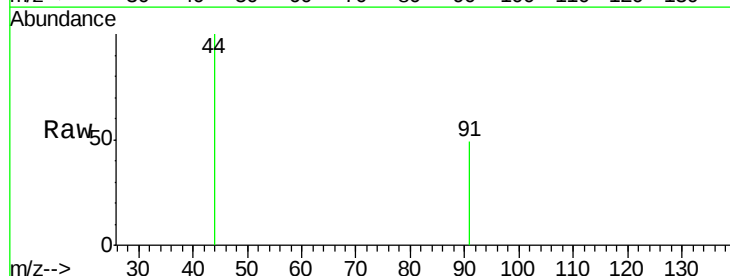


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

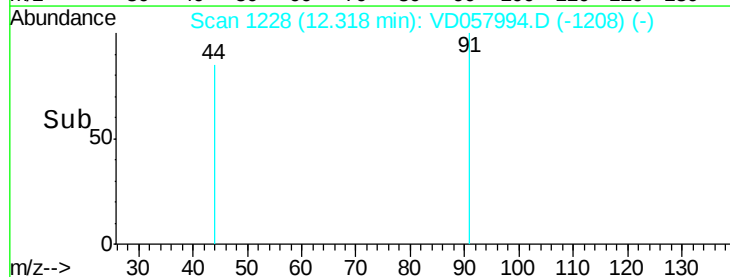
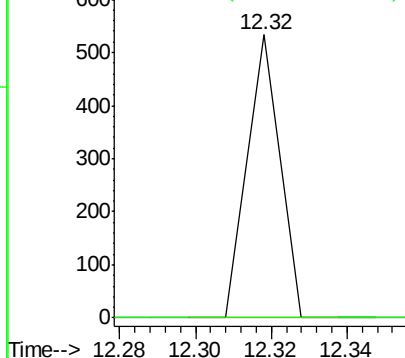


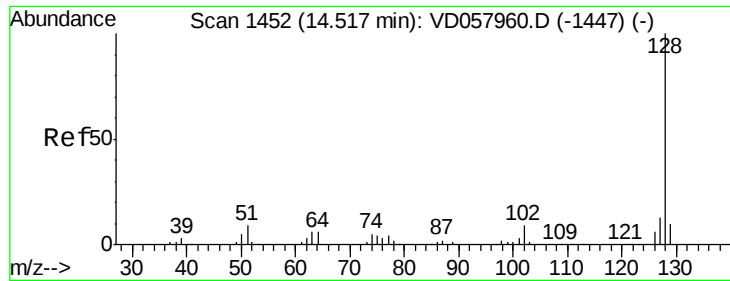
#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.32 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Tgt Ion: 91 Resp: 315
Ion Ratio Lower Upper
91 100
126 0.0 12.5 37.5#



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

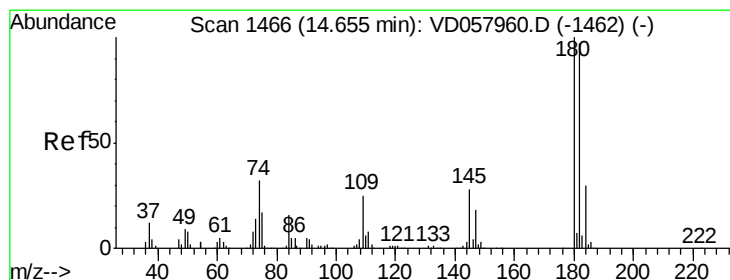
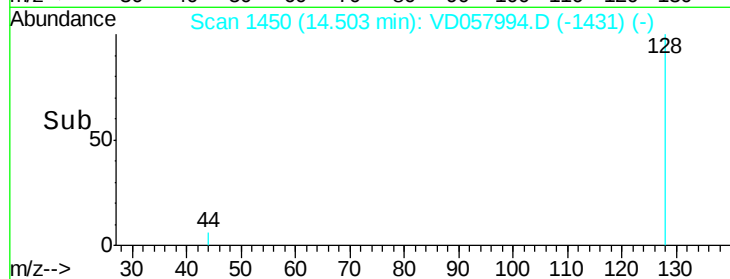
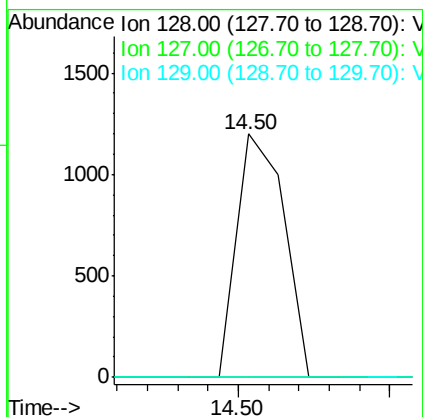
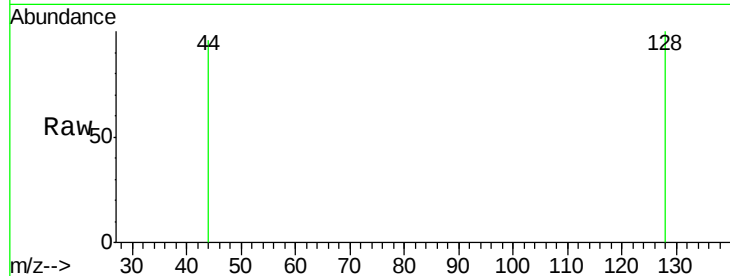




#95
Naphthalene
Concen: 1.482 ug/l
RT: 14.50 min Scan# 1450
Delta R.T. -0.01 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Instrument :
MSVOA_D
ClientSampleId :
MH-30(0-5)RE

Tgt Ion:128 Resp: 1298
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.2 12.2#



#96
1,2,3-Trichlorobenzene
Concen: 1.086 ug/l
RT: 14.65 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VD057994.D
Acq: 8 Jun 2018 3:36

Tgt Ion:180 Resp: 629
Ion Ratio Lower Upper
180 100
182 114.5 48.5 145.5
145 0.0 14.2 42.8#

