

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
 Data File : VD059703.D
 Acq On : 7 Aug 2018 14:23
 Operator : VA/AP
 Sample : J4297-07
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 08 08:06:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	171480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	216724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	112255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	21252	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	95675	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
35) Dibromofluoromethane	5.53	113	78793	40.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.96%	
50) Toluene-d8	8.70	98	146799	34.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.30%	
62) 4-Bromofluorobenzene	11.90	95	57033	29.16	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	58.32%	

Target Compounds					Qvalue	
16) Acetone	2.60	43	5452	13.157	ug/l	97
18) Methyl Acetate	3.06	43	8464	11.054	ug/l #	57
20) Methylene Chloride	3.05	84	1414	Below Cal	#	81
25) 2-Butanone	4.82	43	3901	7.168	ug/l #	59
29) Tetrahydrofuran	5.57	42	4169	19.779	ug/l #	31
31) Cyclohexane	5.57	56	10659	2.437	ug/l #	83
36) 1,1-Dichloropropene	5.62	75	14365	5.962	ug/l #	52
37) Ethyl Acetate	4.82	43	3901	3.335	ug/l #	72
38) Carbon Tetrachloride	5.62	117	17343	5.379	ug/l #	13
39) Methylcyclohexane	7.27	83	58681	28.818	ug/l	94
40) Benzene	6.00	78	5126	1.097	ug/l #	89
43) Isopropyl Acetate	7.64	43	8089	5.290	ug/l #	46
48) Methyl methacrylate	7.46	41	1213	1.202	ug/l #	15
51) 4-Methyl-2-Pentanone	8.53	43	2215	1.986	ug/l #	43
52) Toluene	8.79	92	7985	2.679	ug/l	77
55) 1,1,2-Trichloroethane	9.50	97	4962	4.334	ug/l #	31
56) Ethyl methacrylate	9.36	69	20134	15.939	ug/l #	1
59) 2-Hexanone	9.73	43	227598	271.798	ug/l #	39
67) Ethyl Benzene	10.87	91	5347	1.255	ug/l #	49
69) o-Xylene	11.40	106	3767	2.843	ug/l	69
73) Isopropylbenzene	11.77	105	2200	1.540	ug/l #	54
74) N-amyl acetate	11.59	43	374634	819.900	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.09	83	161321	562.886	ug/l #	40
76) 1,2,3-Trichloropropane	12.09	75	458	1.394	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.32	105	2348	1.974	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.92	75	15431	192.462	ug/l #	72
82) 4-Chlorotoluene	12.35	91	7571	6.050	ug/l	85
83) tert-Butylbenzene	12.57	119	12402	9.314	ug/l	64
84) 1,2,4-Trimethylbenzene	12.62	105	4317	3.424	ug/l	87
85) sec-Butylbenzene	12.75	105	26565	17.964	ug/l	91
89) n-Butylbenzene	13.19	91	34363	26.874	ug/l #	60
90) Hexachloroethane	13.39	117	1848	5.654	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.74	75	1347	22.502	ug/l #	12
95) Naphthalene	14.51	128	8642	10.721	ug/l #	1

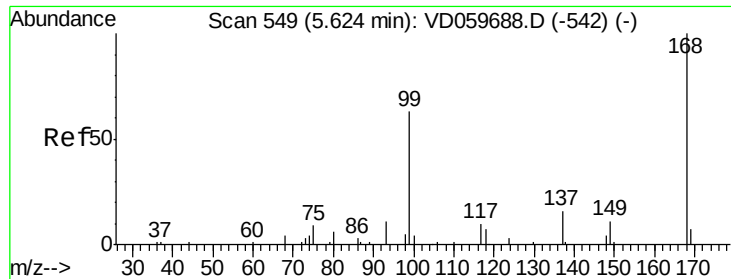
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 08 02:03:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.58	180	3669	7.706	ug/l	64

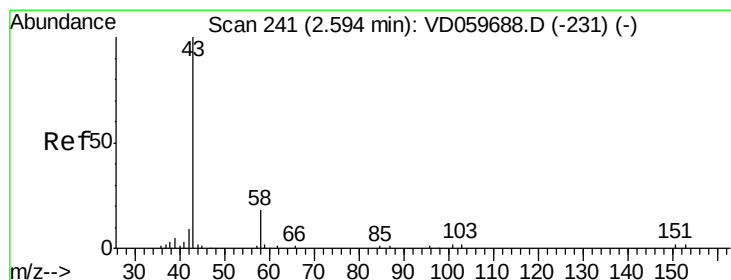
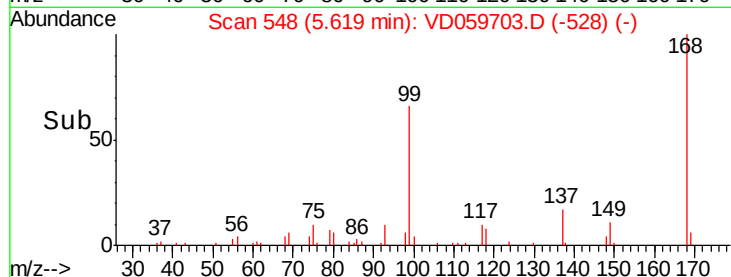
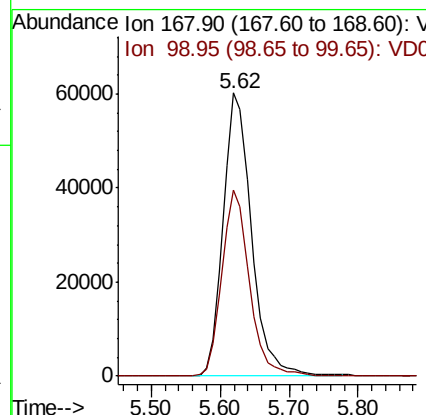
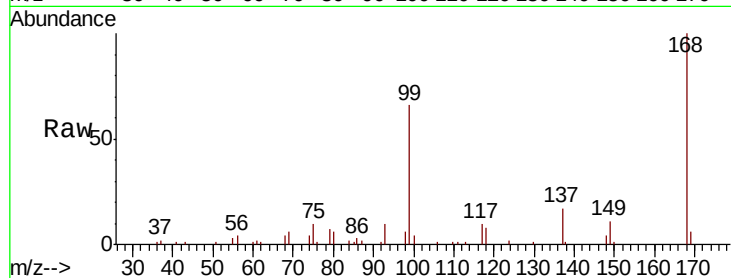
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.00 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

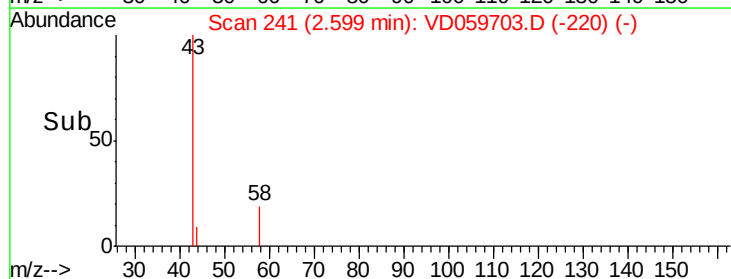
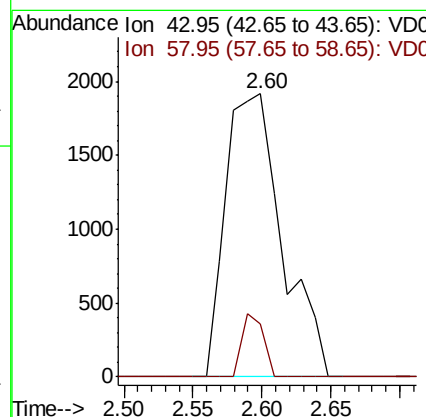
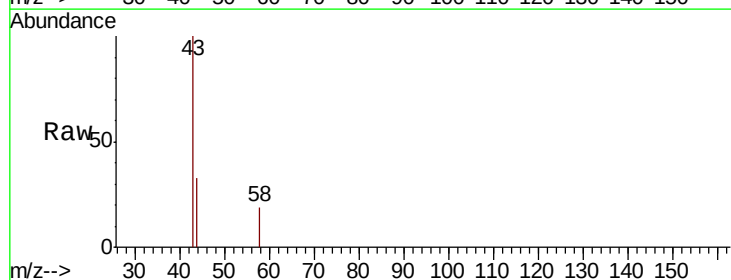
Instrument :
MSVOA_D
ClientSampleId :

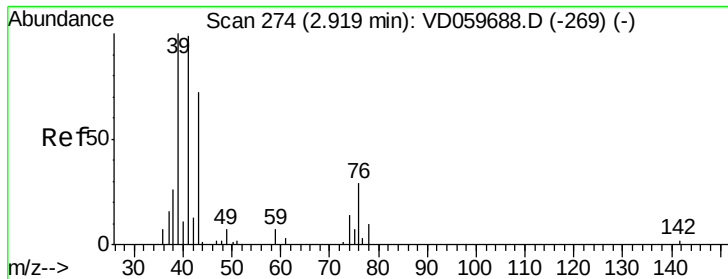
Tot Ion:168 Resp: 171480
Ion Ratio Lower Upper
168 100
99 65.7 53.4 80.2



#16
Acetone
Concen: 13.157 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.01 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Tgt Ion: 43 Resp: 5452
Ion Ratio Lower Upper
43 100
58 18.8 14.2 21.2

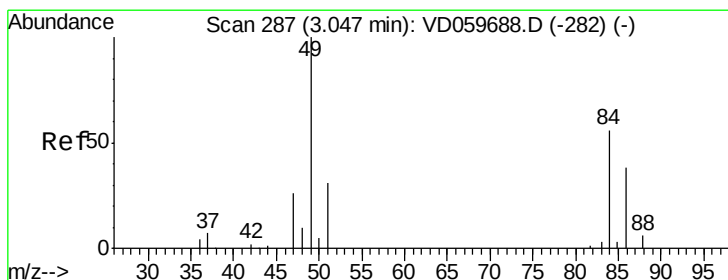
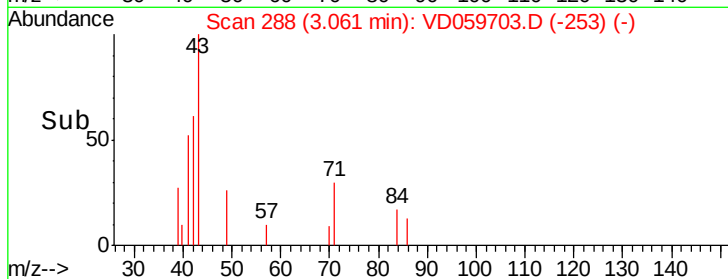
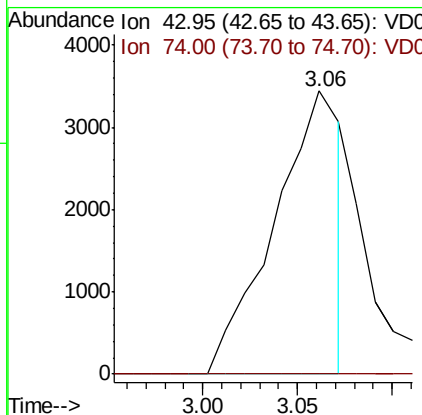
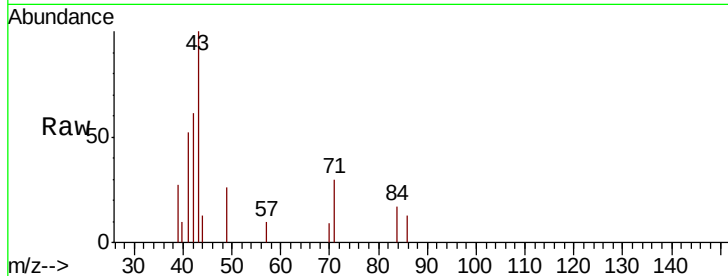




#18
Methyl Acetate
Concen: 11.054 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.14 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

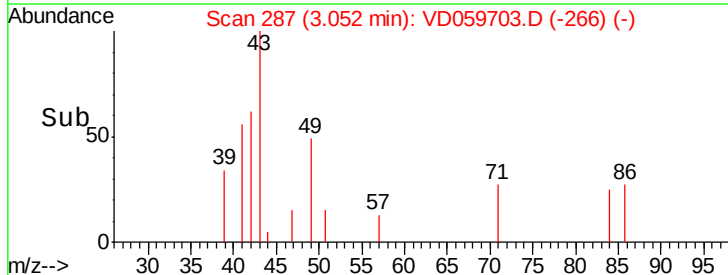
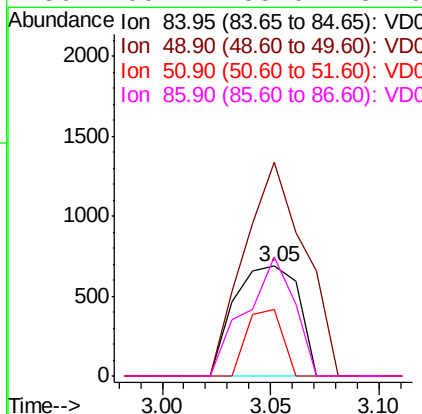
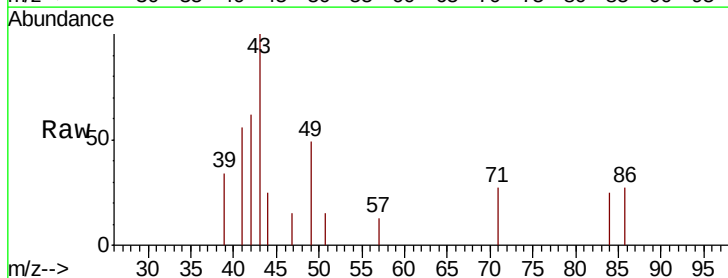
Instrument :
MSVOA_D
ClientSampleId :

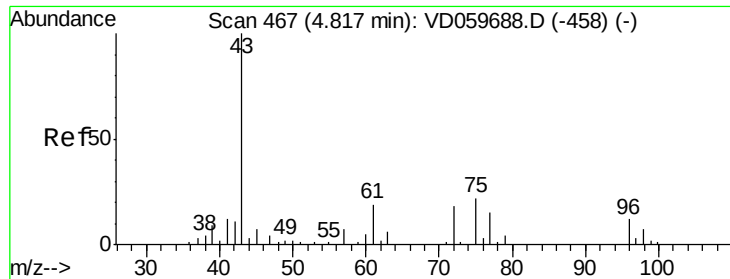
Tot Ion: 43 Resp: 8464
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.05 min Scan# 287
Delta R.T. 0.01 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Tgt Ion: 84 Resp: 1414
Ion Ratio Lower Upper
84 100
49 194.9 143.4 215.2
51 60.7 44.2 66.4
86 109.2 55.0 82.6#





#25

2-Butanone

Concen: 7.168 ug/l

RT: 4.82 min Scan# 467

Delta R.T. 0.01 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

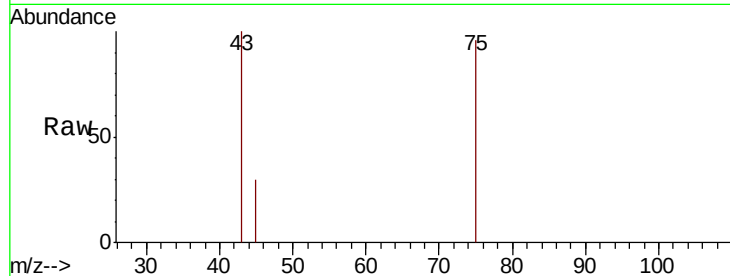
ClientSampleId :

Tot Ion: 43 Resp: 3901

Ion Ratio Lower Upper

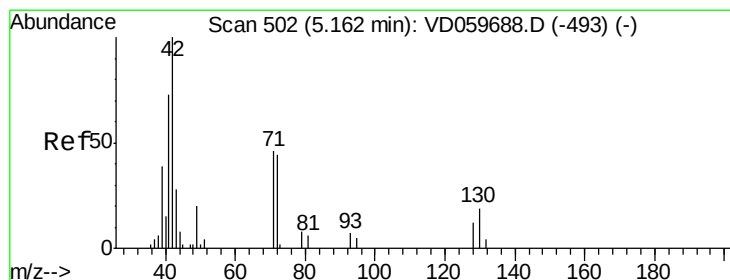
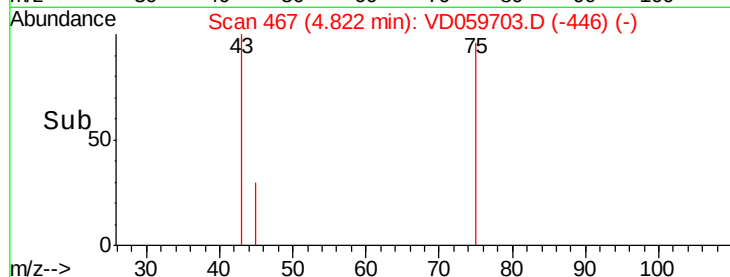
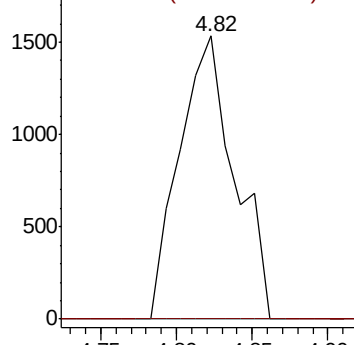
43 100

72 0.0 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 19.779 ug/l

RT: 5.57 min Scan# 543

Delta R.T. 0.41 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

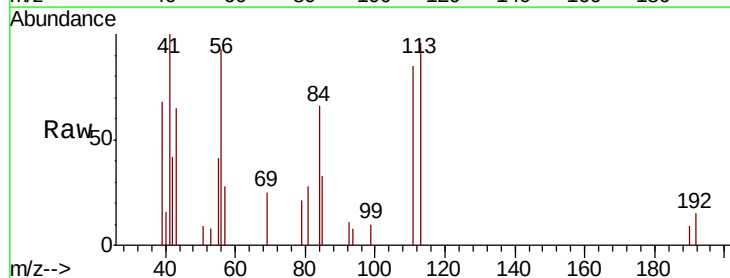
Tgt Ion: 42 Resp: 4169

Ion Ratio Lower Upper

42 100

72 0.0 36.7 55.1#

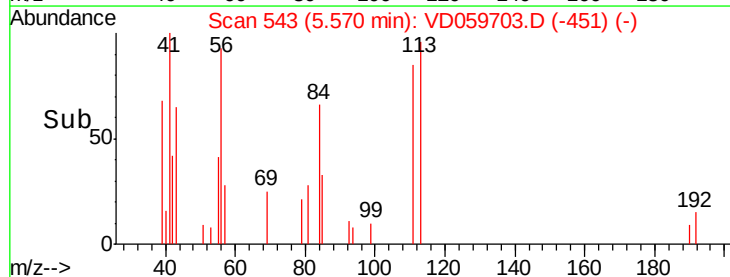
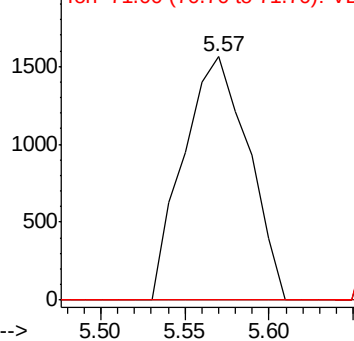
71 0.0 36.3 54.5#

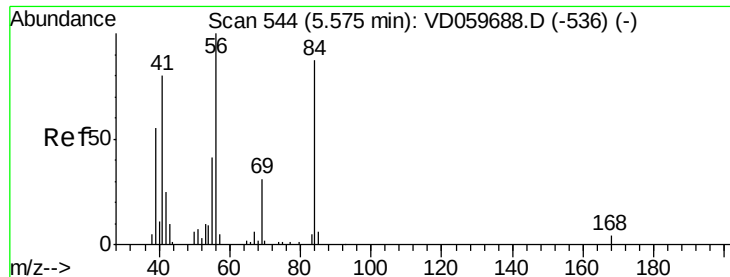


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

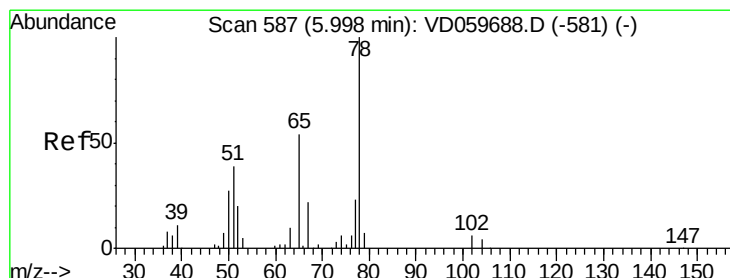
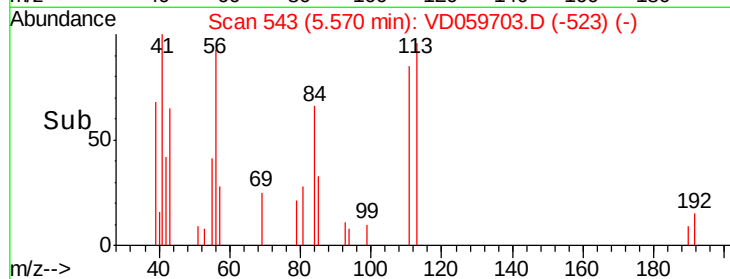
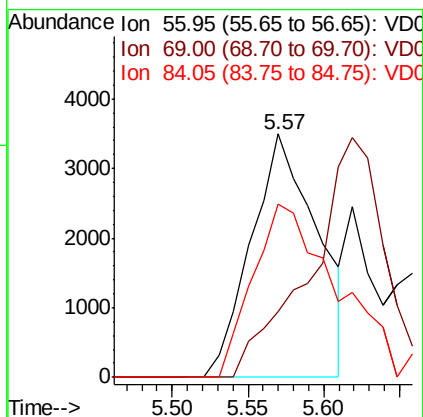
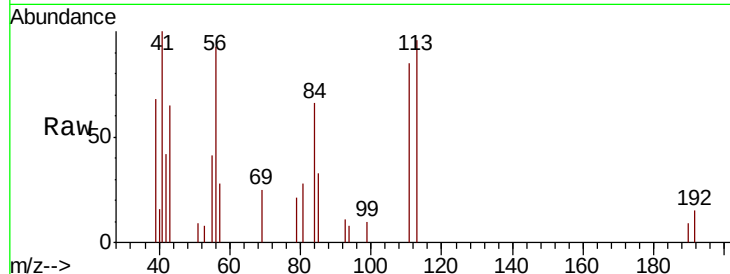




#31
Cyclohexane
Concen: 2.437 ug/l
RT: 5.57 min Scan# 543
Delta R.T. -0.00 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

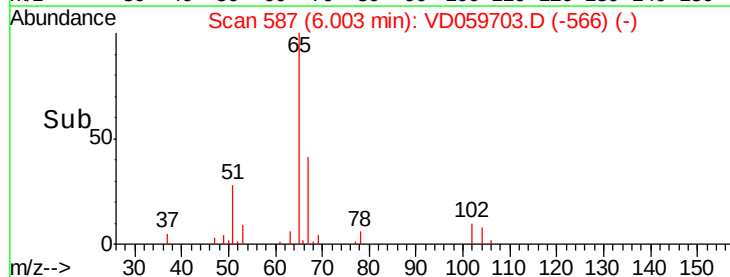
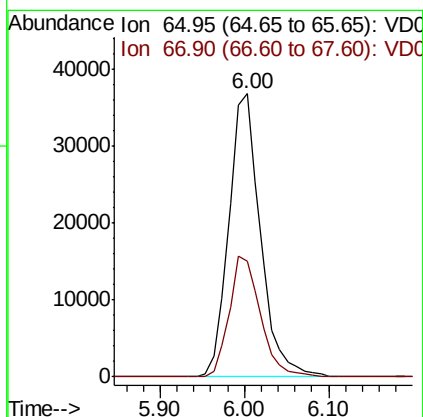
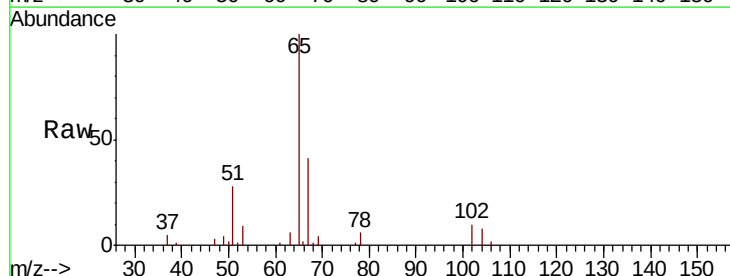
Instrument :
MSVOA_D
ClientSampleId :

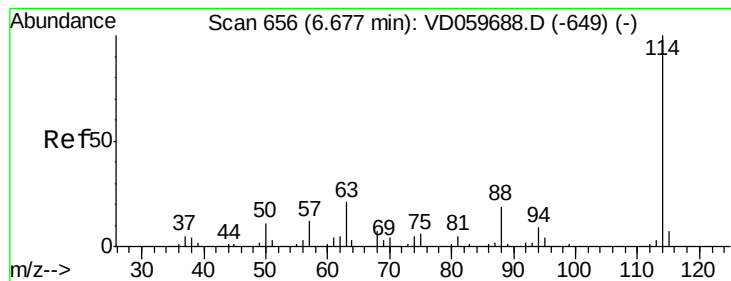
Tot Ion: 56 Resp: 10659
Ion Ratio Lower Upper
56 100
69 26.9 24.7 37.1
84 71.1 72.2 108.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.01 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Tgt Ion: 65 Resp: 95675
Ion Ratio Lower Upper
65 100
67 41.1 0.0 80.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.67 min Scan# 655

Delta R.T. -0.00 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

ClientSampleId :

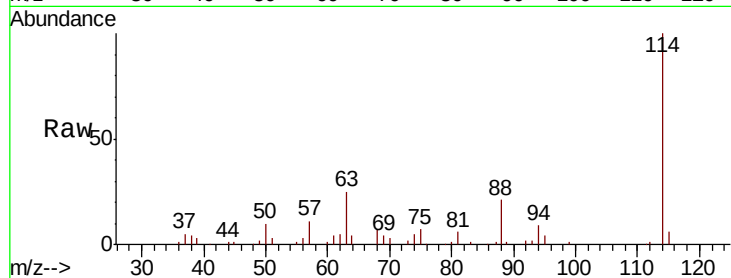
Tot Ion:114 Resp: 216724

Ion Ratio Lower Upper

114 100

63 24.8 0.0 42.6

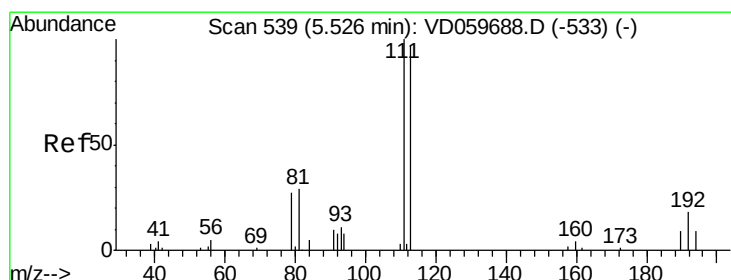
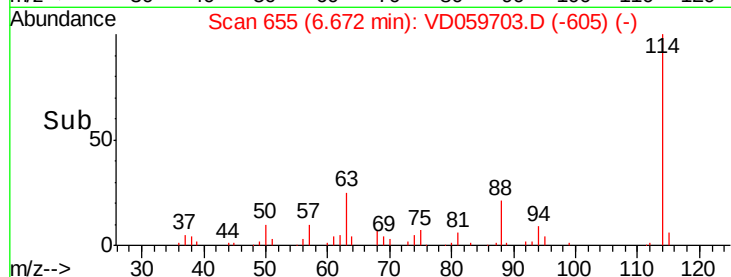
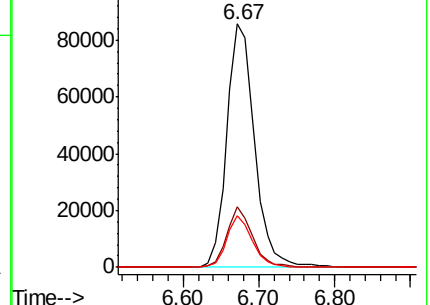
88 21.0 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.53 min Scan# 539

Delta R.T. 0.01 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

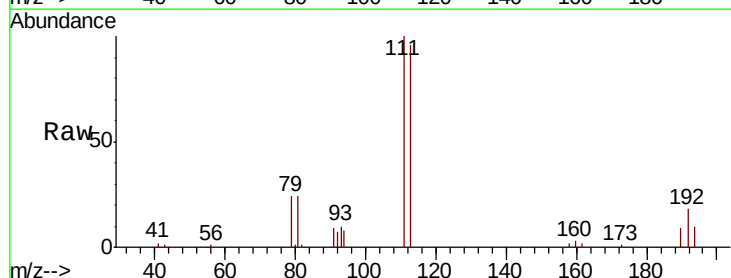
Tgt Ion:113 Resp: 78793

Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

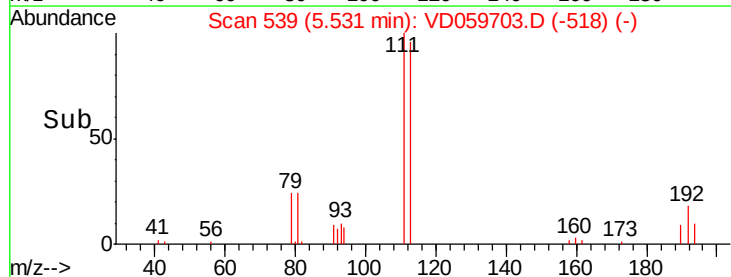
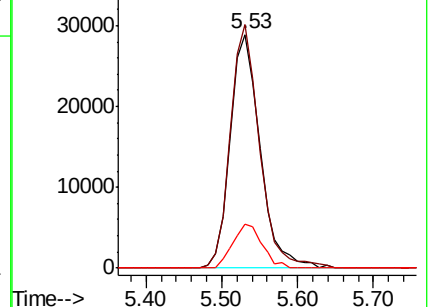
192 18.6 14.6 22.0

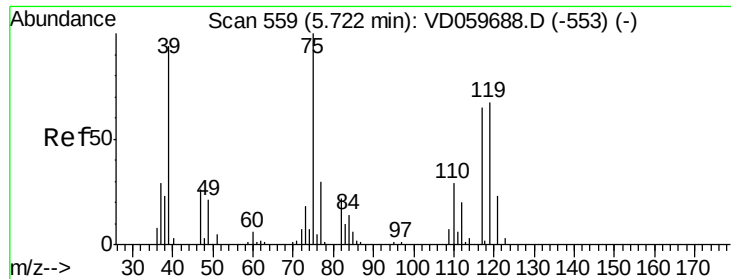


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

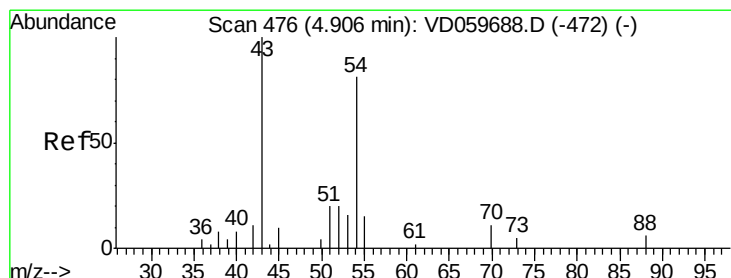
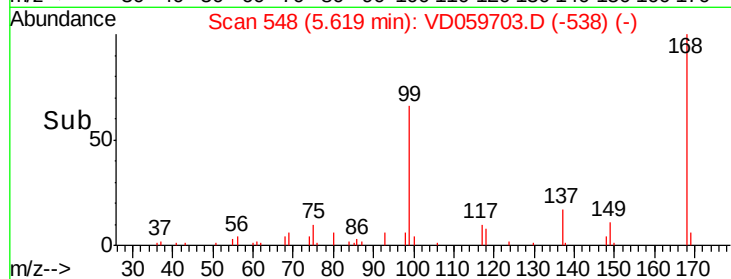
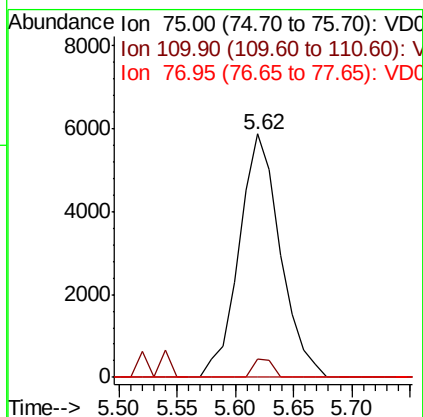
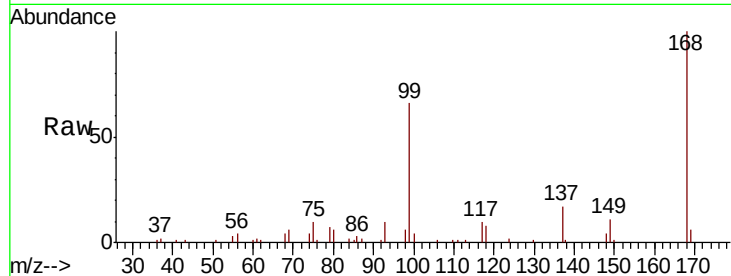




#36
 1,1-Dichloropropene
 Concen: 5.962 ug/l
 RT: 5.62 min Scan# 548
 Delta R.T. -0.10 min
 Lab File: VD059703.D
 Acq: 7 Aug 2018 14:23

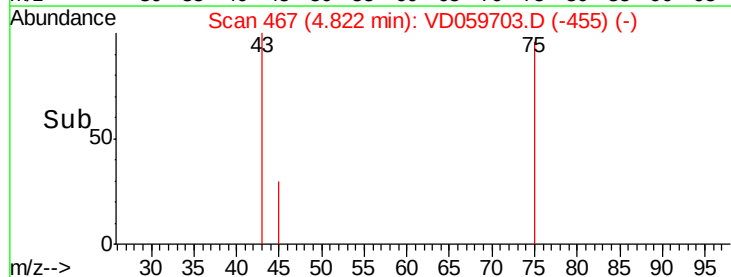
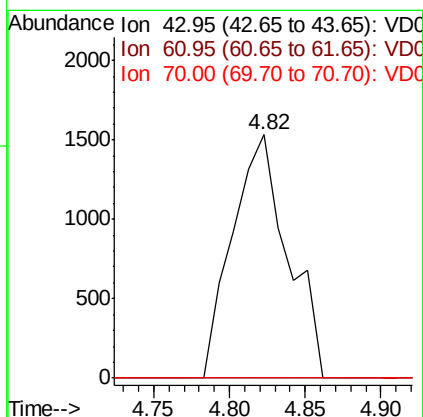
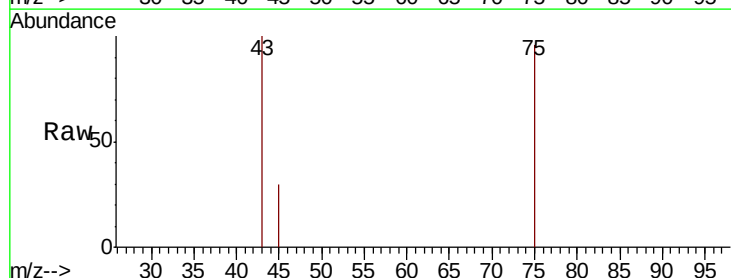
Instrument :
 MSVOA_D
 ClientSampleId :

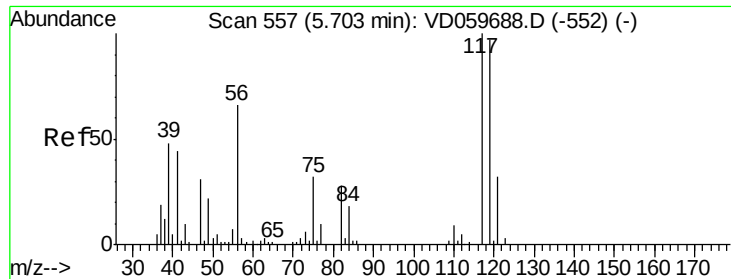
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	14.1	42.3#
77	0.0	23.9	35.9#



#37
 Ethyl Acetate
 Concen: 3.335 ug/l
 RT: 4.82 min Scan# 467
 Delta R.T. -0.08 min
 Lab File: VD059703.D
 Acq: 7 Aug 2018 14:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.0	5.4	8.2#

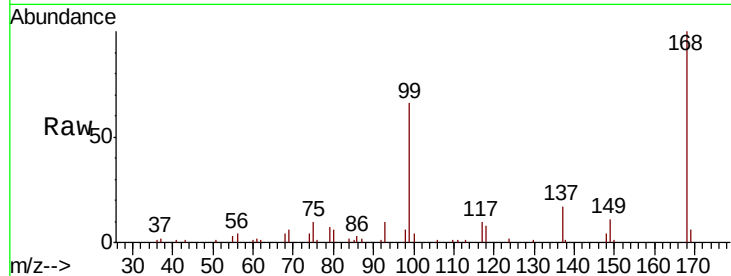




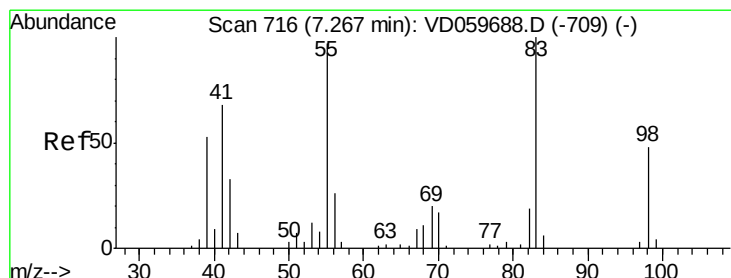
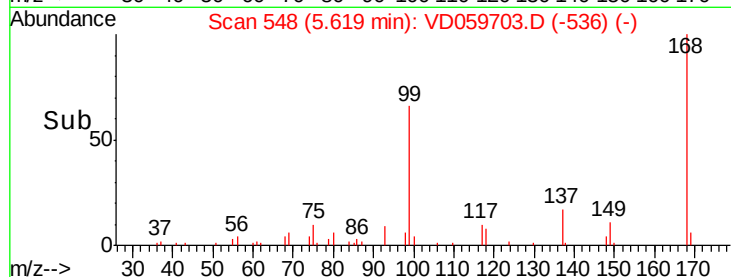
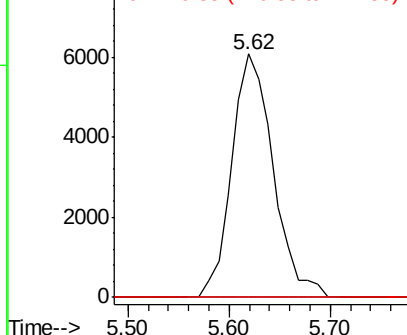
#38
Carbon Tetrachloride
Concen: 5.379 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.08 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 17343
Ion Ratio Lower Upper
117 100
119 0.0 75.3 112.9#
121 0.0 24.4 36.6#

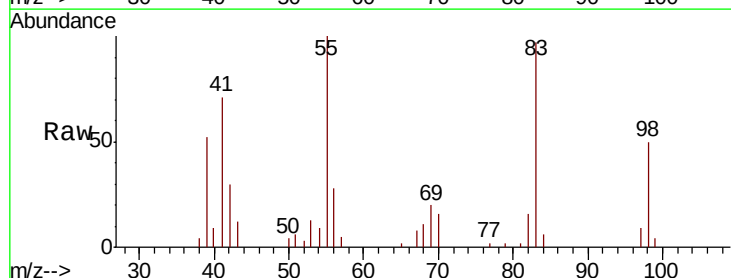


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

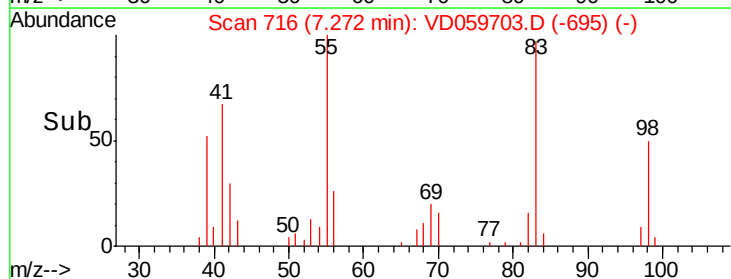
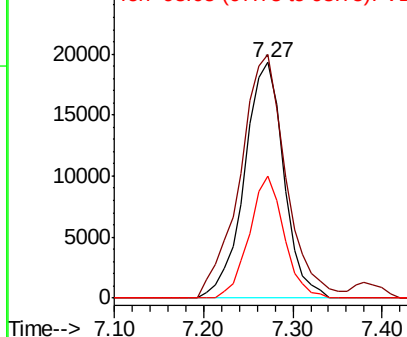


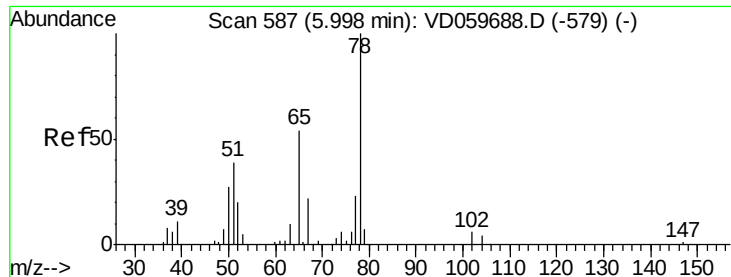
#39
Methylcyclohexane
Concen: 28.818 ug/l
RT: 7.27 min Scan# 716
Delta R.T. 0.01 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Tgt Ion: 83 Resp: 58681
Ion Ratio Lower Upper
83 100
55 103.4 77.7 116.5
98 51.5 38.7 58.1



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





#40

Benzene

Concen: 1.097 ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.01 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

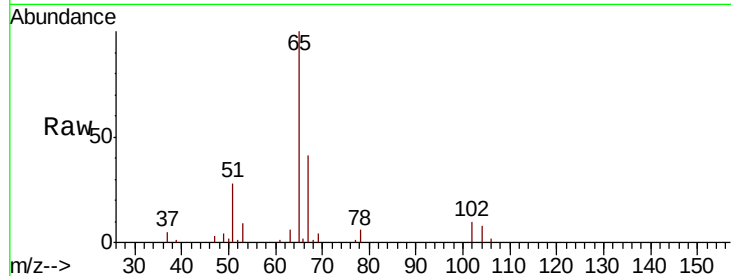
ClientSampleId :

Tot Ion: 78 Resp: 5126

Ion Ratio Lower Upper

78 100

77 17.6 18.4 27.6#



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

6.00

2500

2000

1500

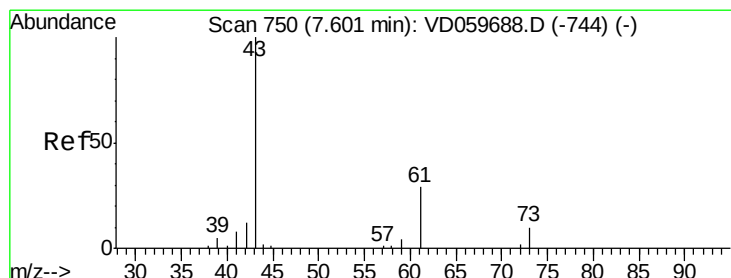
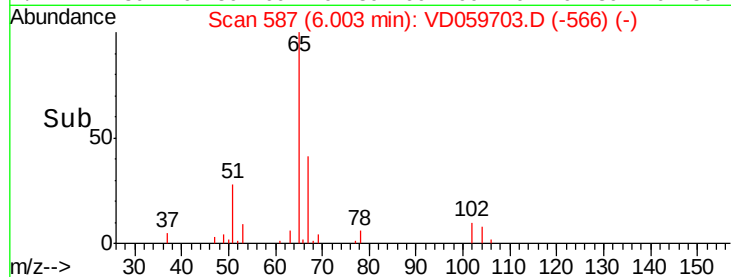
1000

500

0

Time-->

5.95 6.00 6.05



#43

Isopropyl Acetate

Concen: 5.290 ug/l

RT: 7.64 min Scan# 753

Delta R.T. 0.03 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

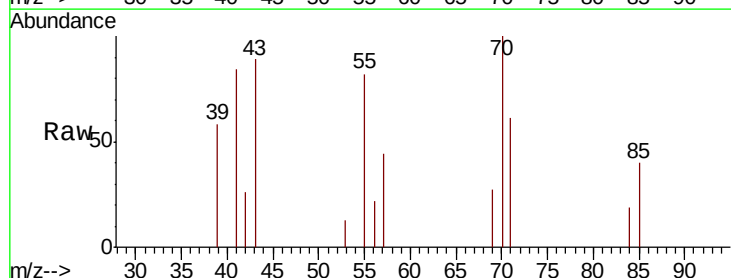
Tgt Ion: 43 Resp: 8089

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

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

7.64

3000

2500

2000

1500

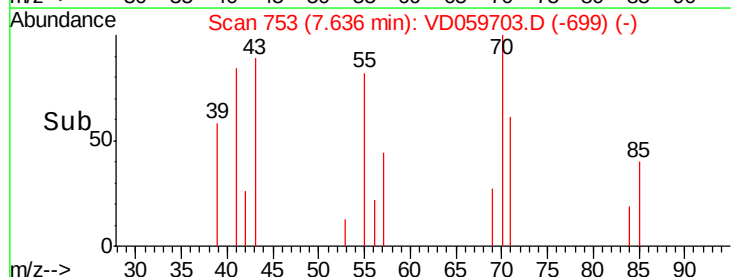
1000

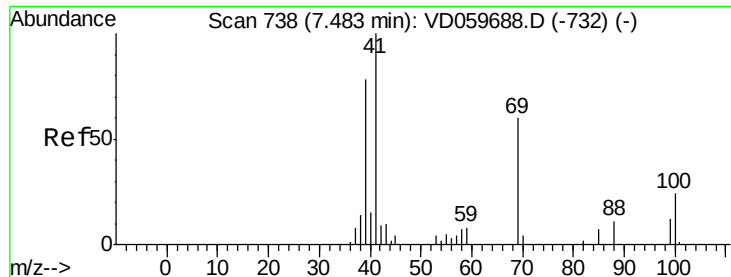
500

0

Time-->

7.55 7.60 7.65 7.70 7.75





#48

Methyl methacrylate

Concen: 1.202 ug/l

RT: 7.46 min Scan# 735

Delta R.T. -0.02 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :
MSVOA_D
ClientSampled :

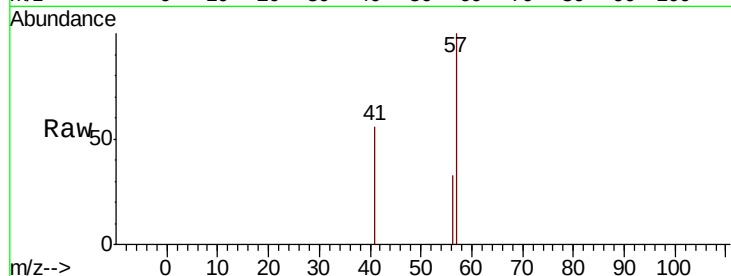
Tot Ion: 41 Resp: 1213

Ion Ratio Lower Upper

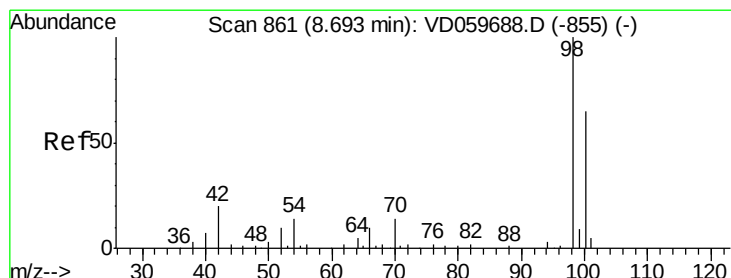
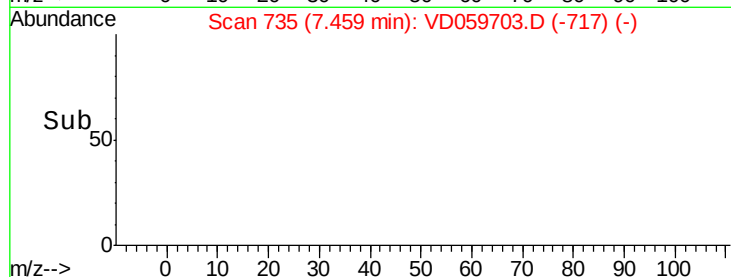
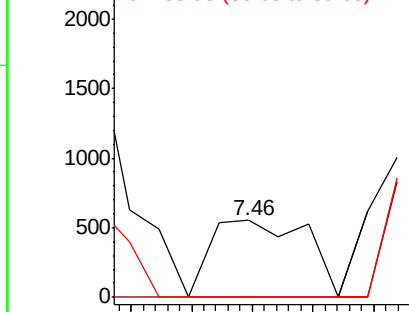
41 100

69 0.0 47.3 70.9#

39 0.0 62.9 94.3#



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: 8.70 min Scan# 861

Delta R.T. 0.01 min

Lab File: VD059703.D

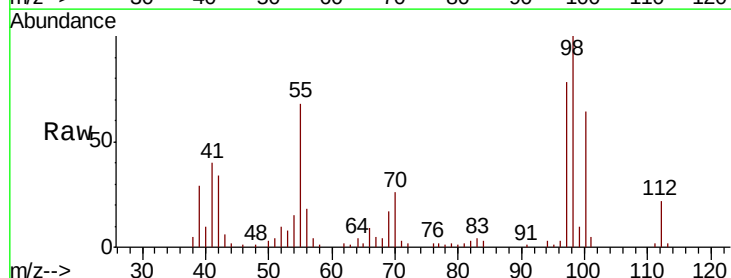
Acq: 7 Aug 2018 14:23

Tgt Ion: 98 Resp: 146799

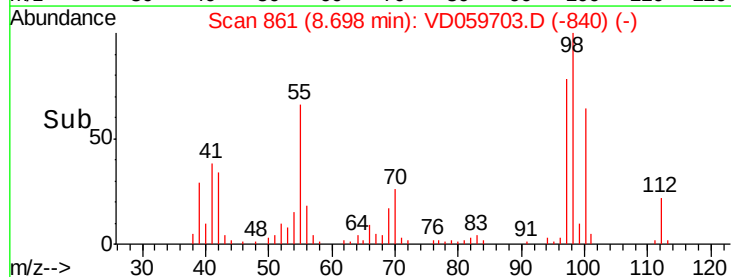
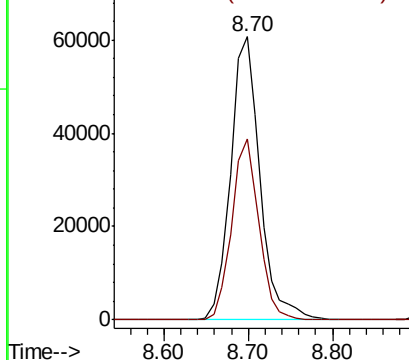
Ion Ratio Lower Upper

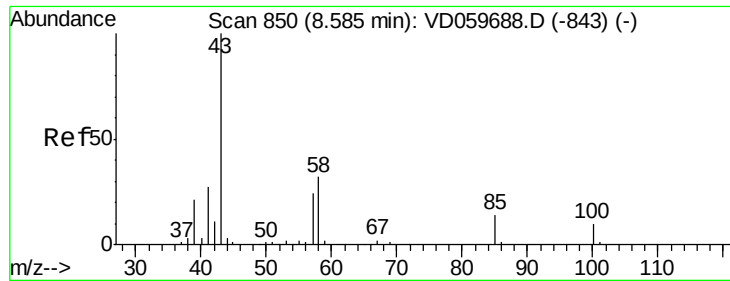
98 100

100 63.9 52.5 78.7



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: 1.986 ug/l

RT: 8.53 min Scan# 844

Delta R.T. -0.05 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

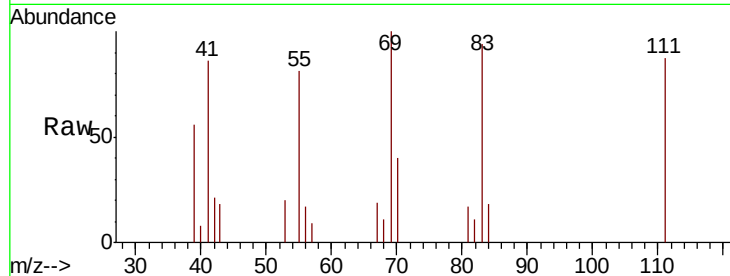
ClientSampled :

Tot Ion: 43 Resp: 2215

Ion Ratio Lower Upper

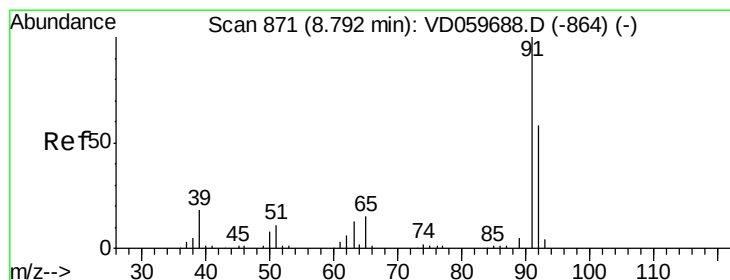
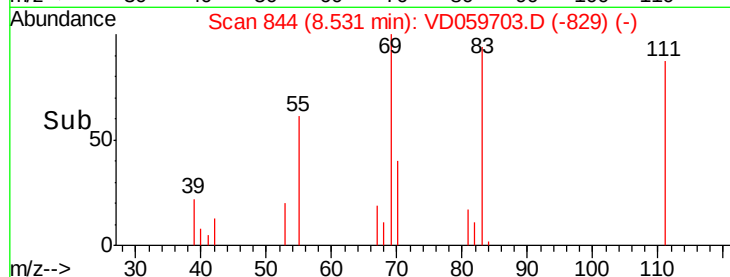
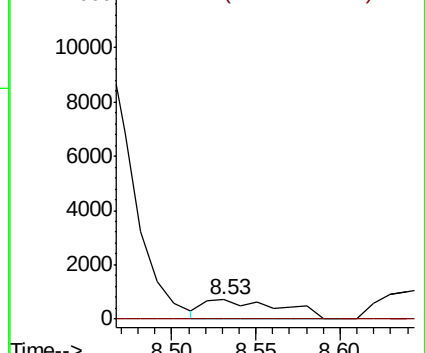
43 100

58 0.0 25.7 38.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 2.679 ug/l

RT: 8.79 min Scan# 870

Delta R.T. -0.00 min

Lab File: VD059703.D

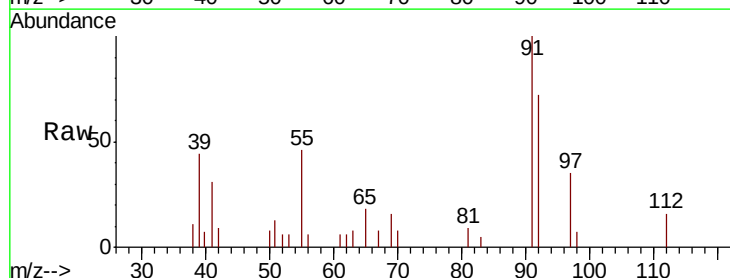
Acq: 7 Aug 2018 14:23

Tgt Ion: 92 Resp: 7985

Ion Ratio Lower Upper

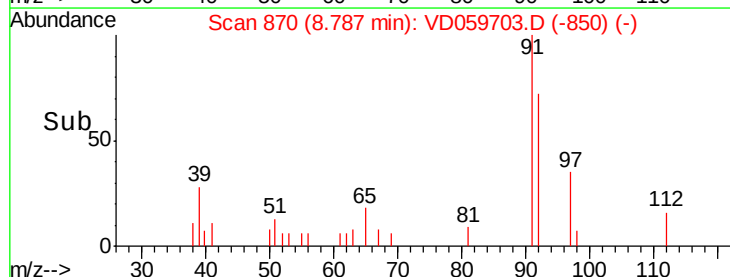
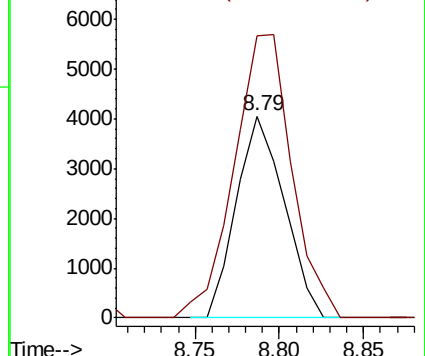
92 100

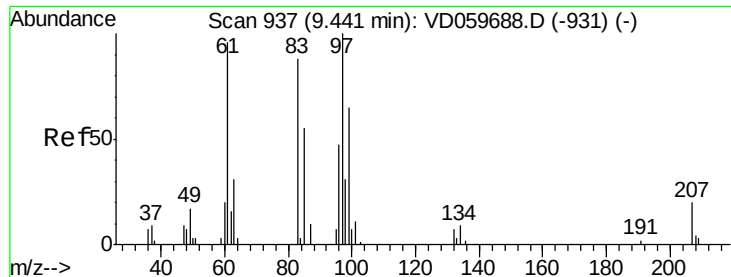
91 139.5 137.0 205.6



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: 4.334 ug/l

RT: 9.50 min Scan# 942

Delta R.T. 0.05 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 97 Resp: 4962

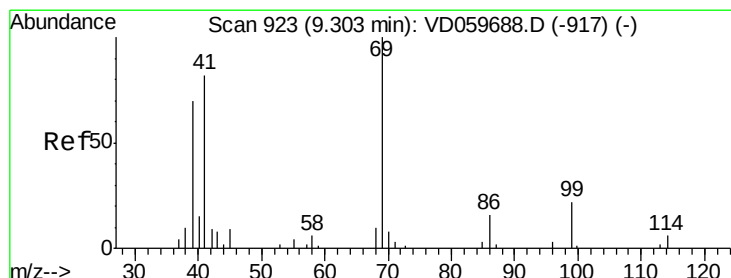
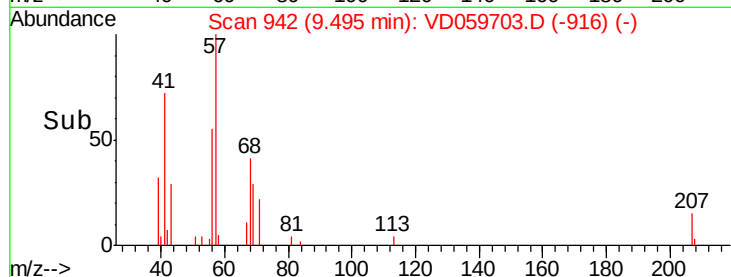
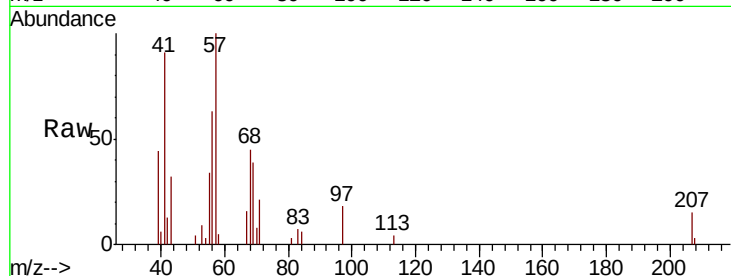
Ion Ratio Lower Upper

97 100

83 37.3 70.8 106.2#

85 0.0 44.1 66.1#

99 0.0 52.2 78.4#



#56

Ethyl methacrylate

Concen: 15.939 ug/l

RT: 9.36 min Scan# 928

Delta R.T. 0.05 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

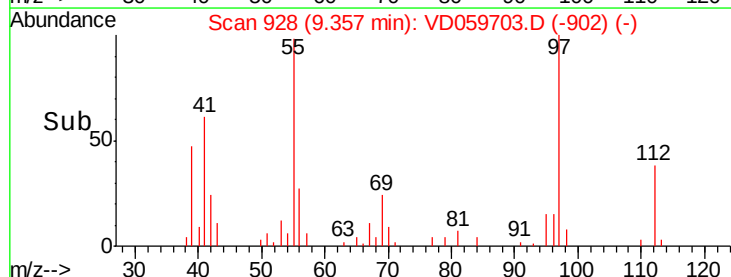
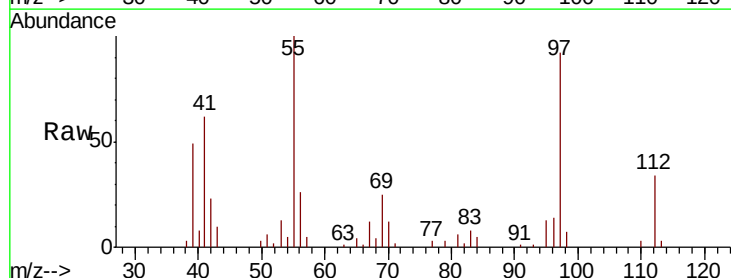
Tgt Ion: 69 Resp: 20134

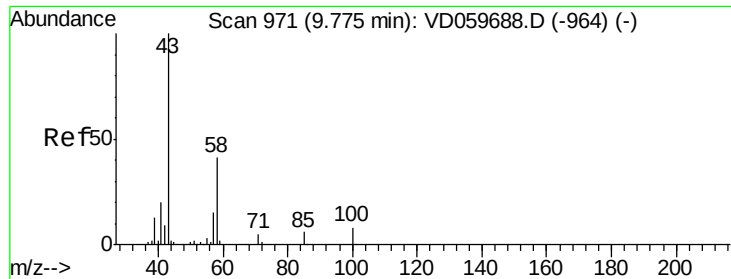
Ion Ratio Lower Upper

69 100

41 249.2 65.7 98.5#

39 196.1 55.8 83.8#





#59

2-Hexanone

Concen: 271.798 ug/l

RT: 9.73 min Scan# 966

Delta R.T. -0.04 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

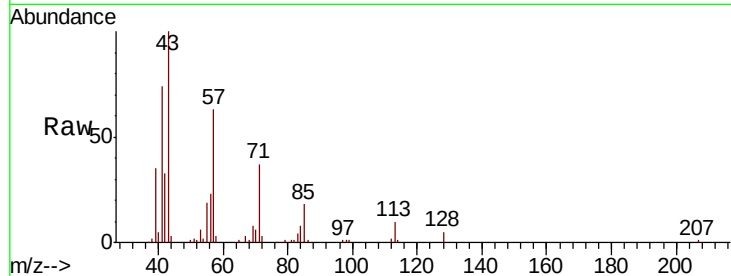
ClientSampleId :

Tot Ion: 43 Resp: 227598

Ion Ratio Lower Upper

43 100

58 2.7 20.4 61.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.73

80000

60000

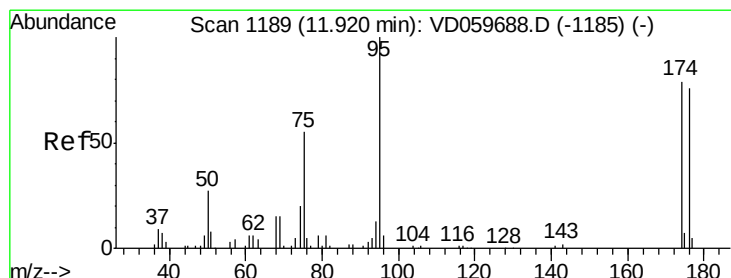
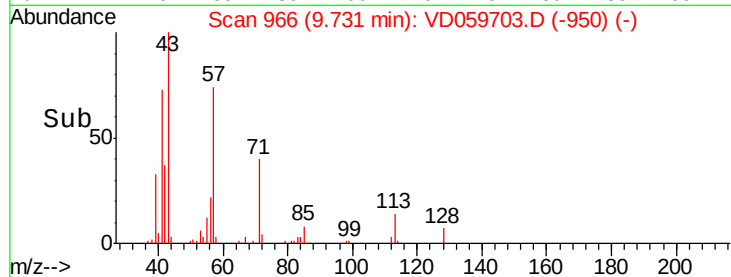
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.90 min Scan# 1186

Delta R.T. -0.02 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

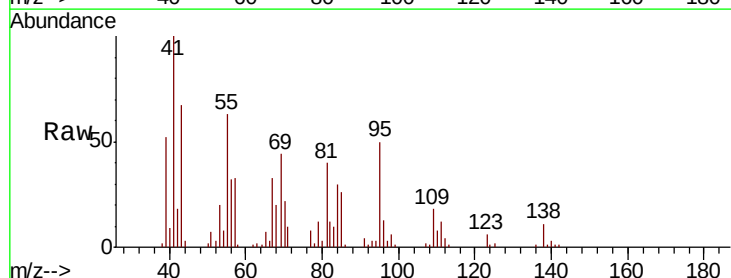
Tgt Ion: 95 Resp: 57033

Ion Ratio Lower Upper

95 100

174 0.0 0.0 158.4

176 0.0 0.0 153.0



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

60000

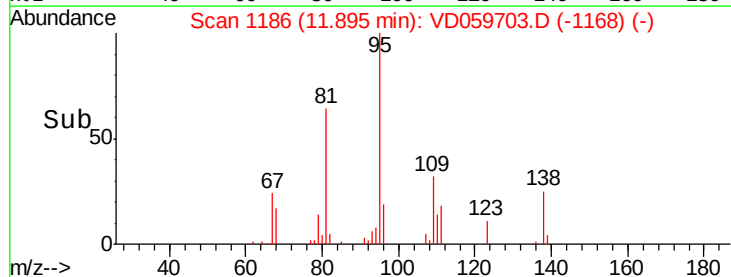
40000

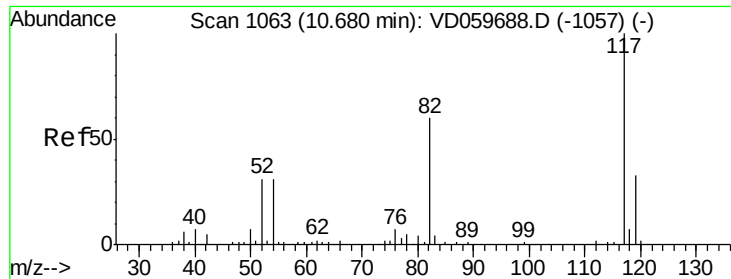
20000

0

11.85 11.90 11.95

Time-->

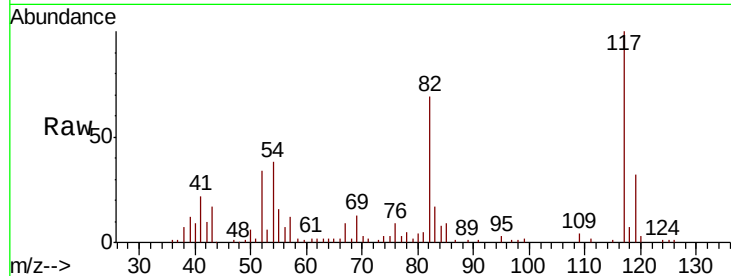




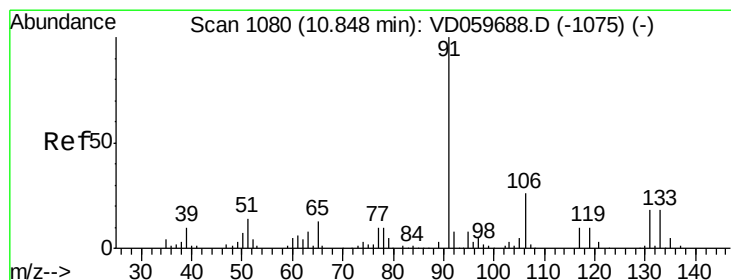
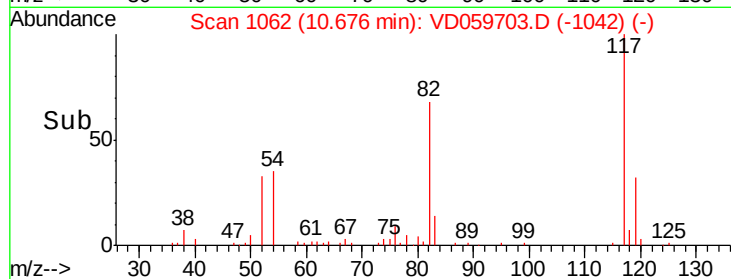
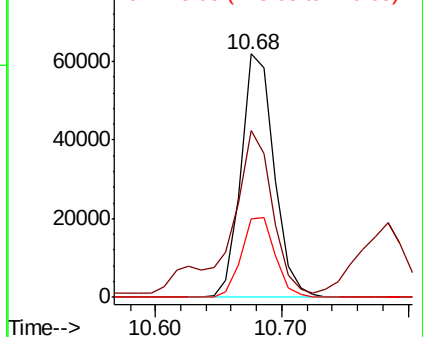
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 112255
Ion Ratio Lower Upper
117 100
82 68.6 47.7 71.5
119 32.4 26.6 40.0

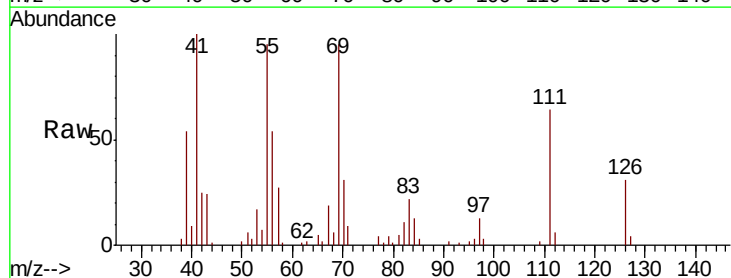


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

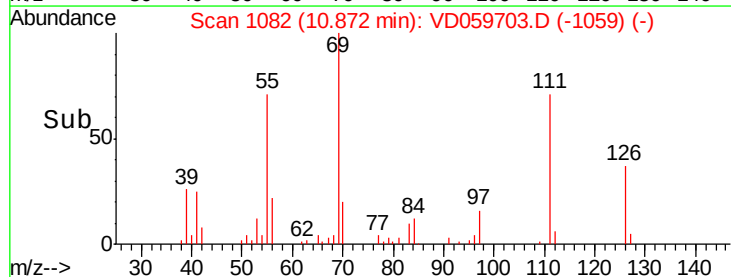
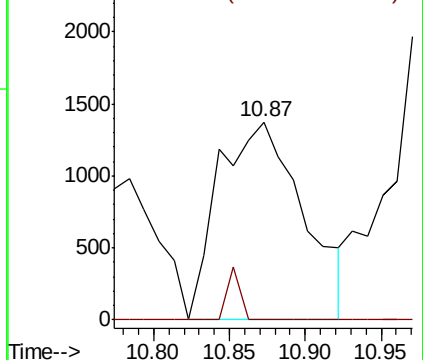


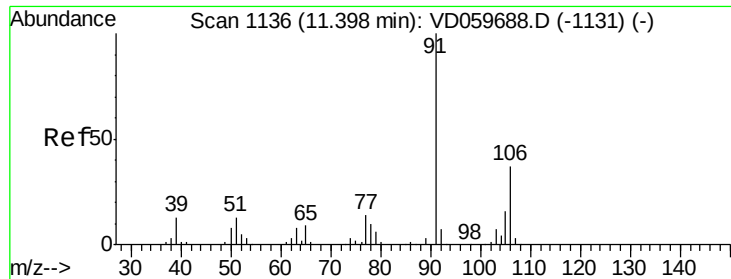
#67
Ethyl Benzene
Concen: 1.255 ug/l
RT: 10.87 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Tgt Ion: 91 Resp: 5347
Ion Ratio Lower Upper
91 100
106 0.0 20.9 31.3#



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

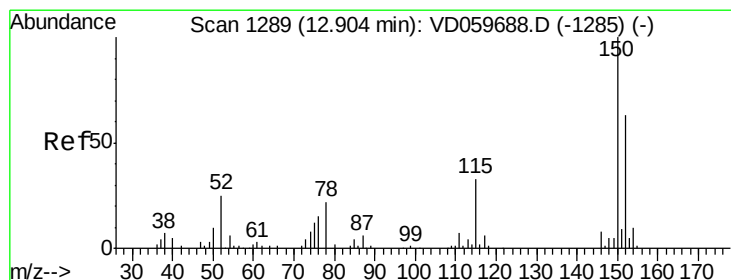
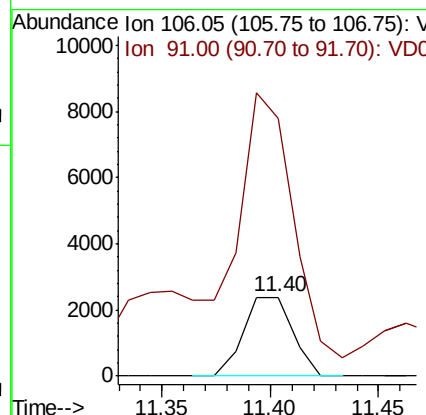
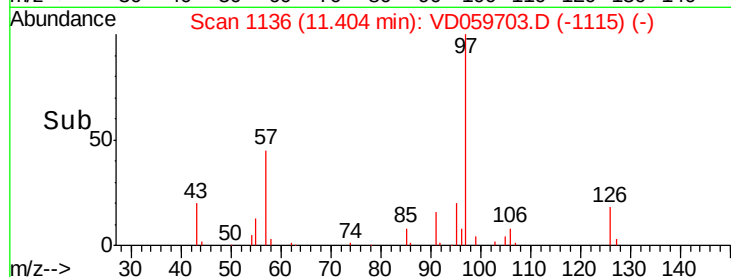
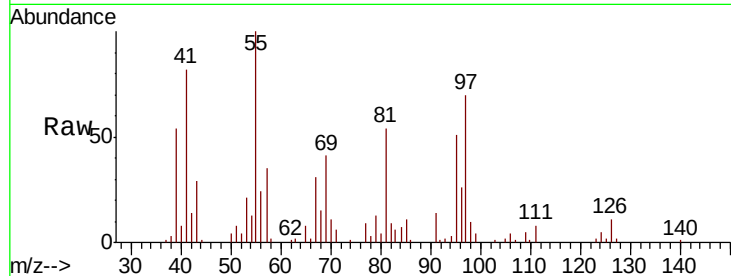




#69
o-Xylene
Concen: 2.843 ug/l
RT: 11.40 min Scan# 1136
Delta R.T. 0.01 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

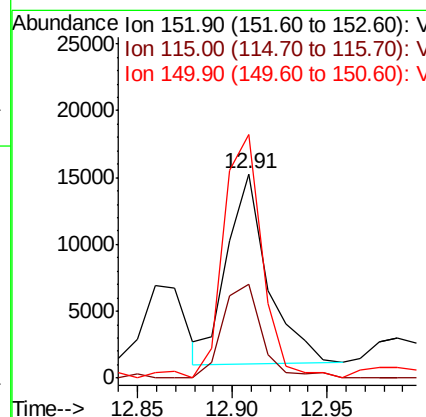
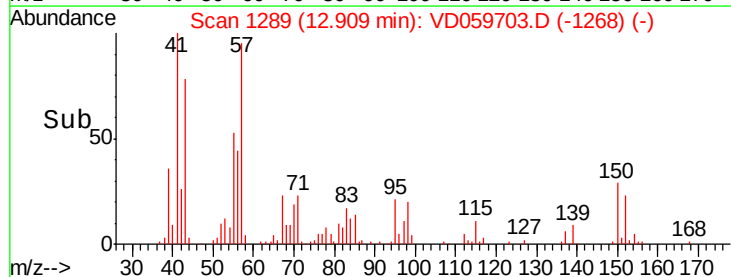
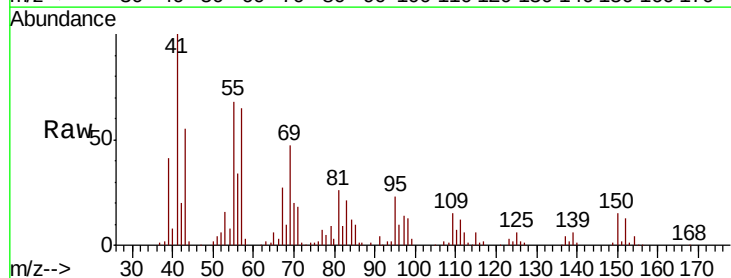
Instrument :
MSVOA_D
ClientSampled :

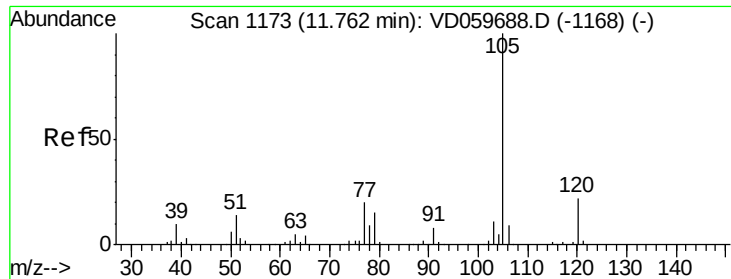
Tot Ion:106 Resp: 3767
Ion Ratio Lower Upper
106 100
91 327.0 135.2 405.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Tgt Ion:152 Resp: 21252
Ion Ratio Lower Upper
152 100
115 45.7 28.8 86.4
150 119.2 0.0 318.0





#73

Isopropylbenzene

Concen: 1.540 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

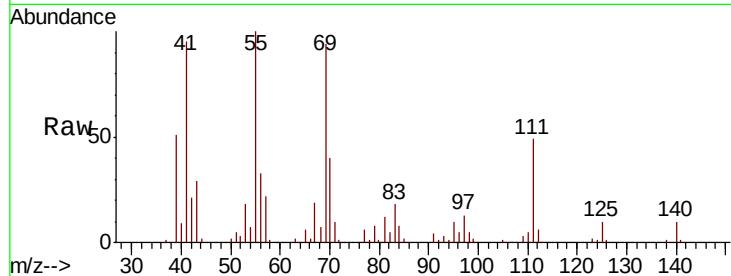
ClientSampleId :

Tot Ion:105 Resp: 2200

Ion Ratio Lower Upper

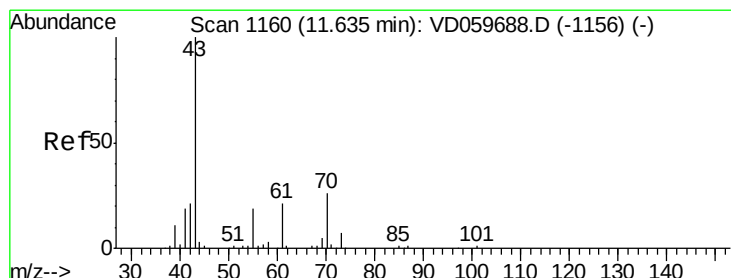
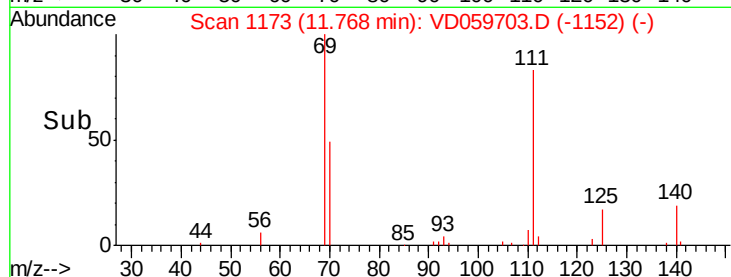
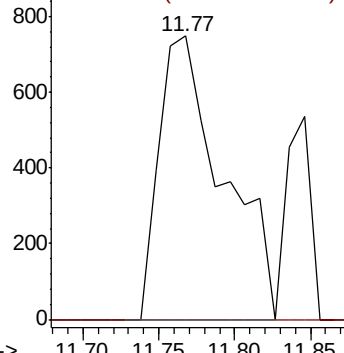
105 100

120 0.0 10.8 32.3#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 819.900 ug/l

RT: 11.59 min Scan# 1155

Delta R.T. -0.04 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Tgt Ion: 43 Resp: 374634

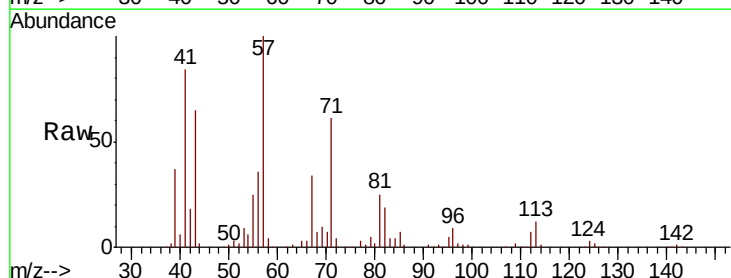
Ion Ratio Lower Upper

43 100

70 11.5 21.0 31.6#

55 38.7 15.4 23.2#

61 0.0 16.8 25.2#

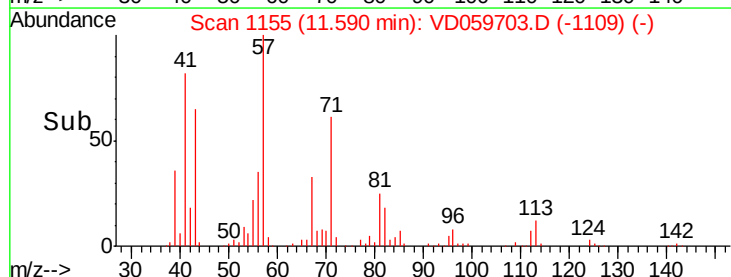
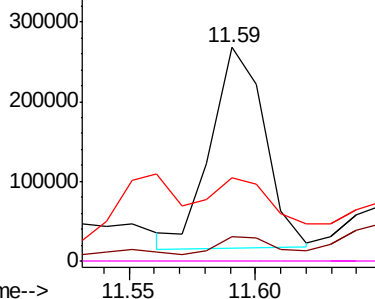


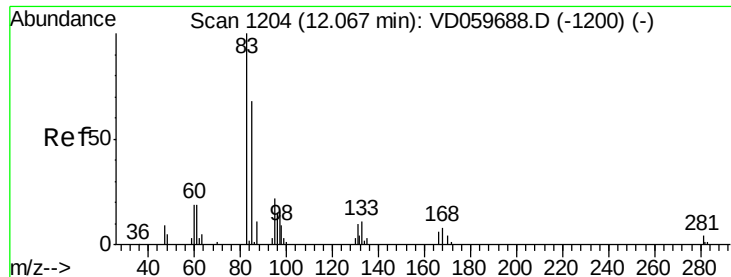
Abundance Ion 42.95 (42.65 to 43.65): VDC

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





#75

1,1,2,2-Tetrachloroethane

Concen: 562.886 ug/l

RT: 12.09 min Scan# 1206

Delta R.T. 0.02 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

ClientSampleId :

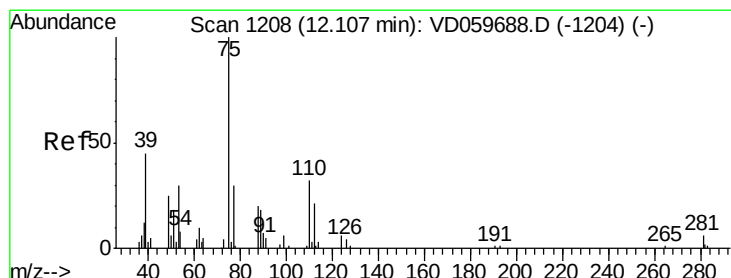
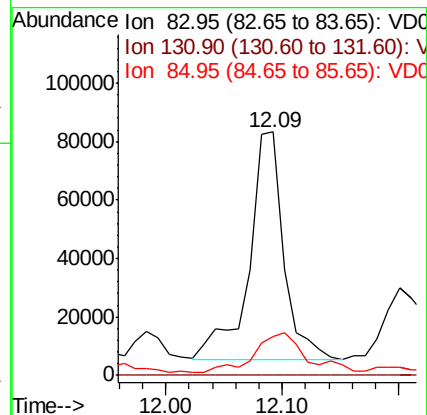
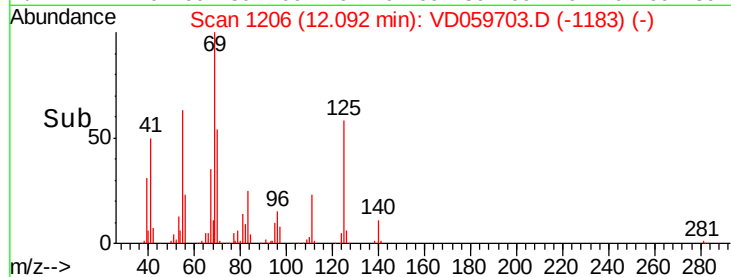
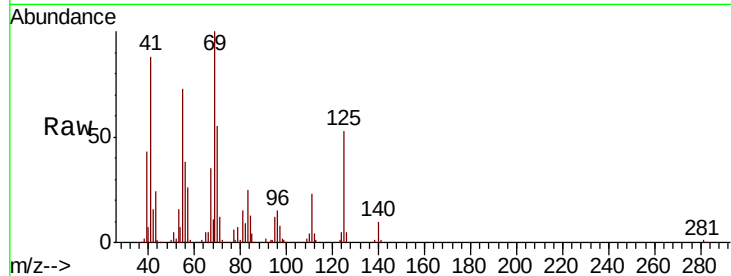
Tot Ion: 83 Resp: 161321

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 16.0 34.1 102.2#



#76

1,2,3-Trichloropropane

Concen: 1.394 ug/l

RT: 12.09 min Scan# 1206

Delta R.T. -0.01 min

Lab File: VD059703.D

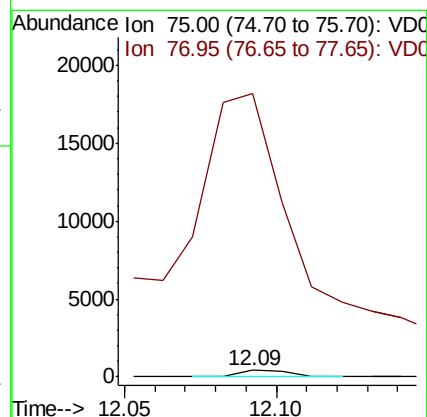
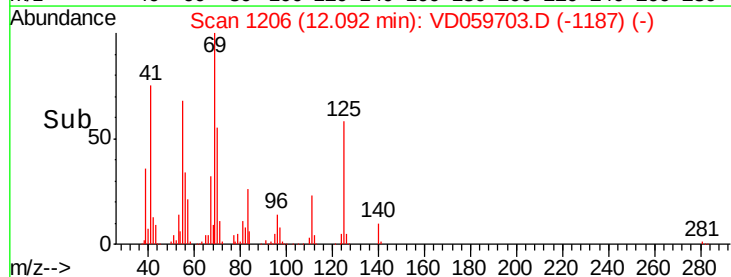
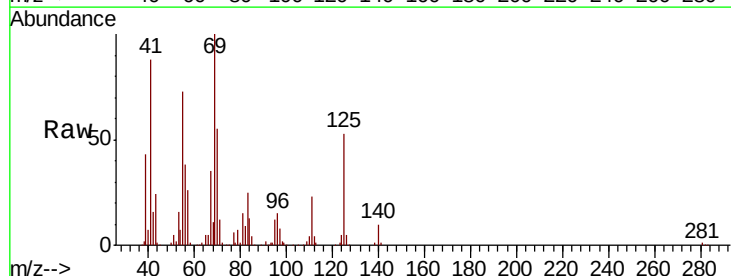
Acq: 7 Aug 2018 14:23

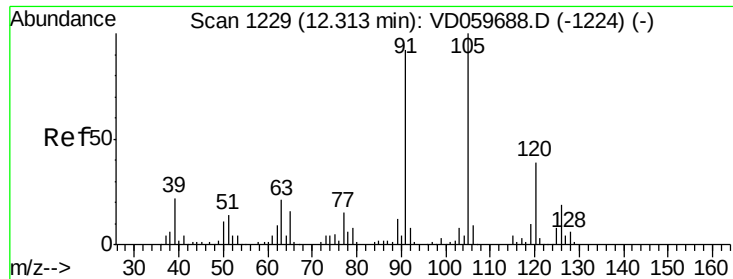
Tgt Ion: 75 Resp: 458

Ion Ratio Lower Upper

75 100

77 4388.4 15.5 46.5#

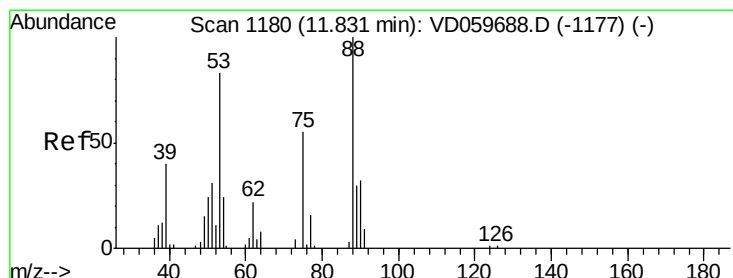
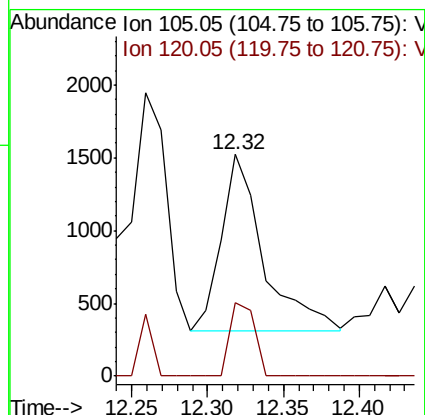
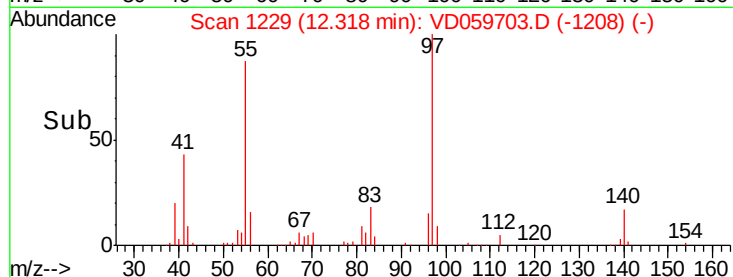
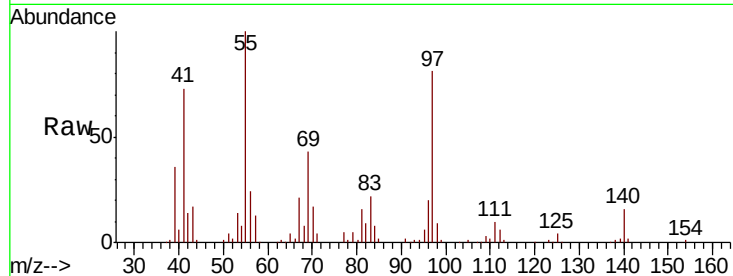




#80
 1,3,5-Trimethylbenzene
 Concen: 1.974 ug/l
 RT: 12.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VD059703.D
 Acq: 7 Aug 2018 14:23

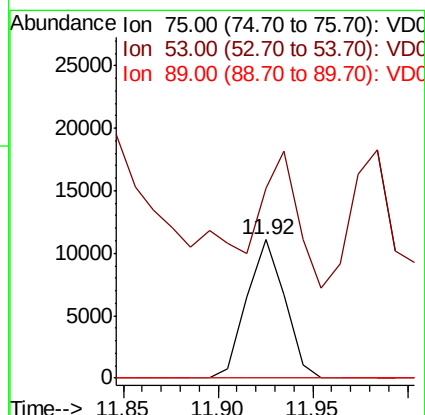
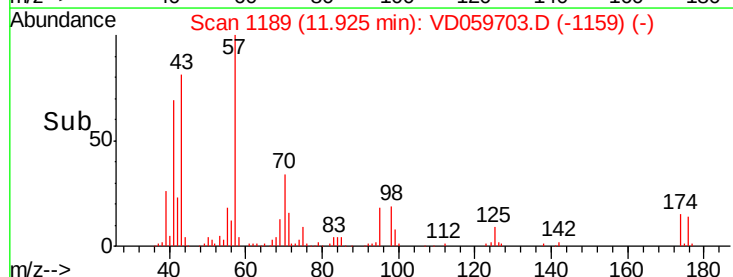
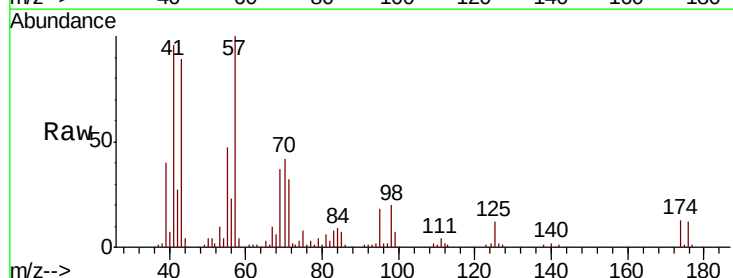
Instrument :
 MSVOA_D
 ClientSampled :

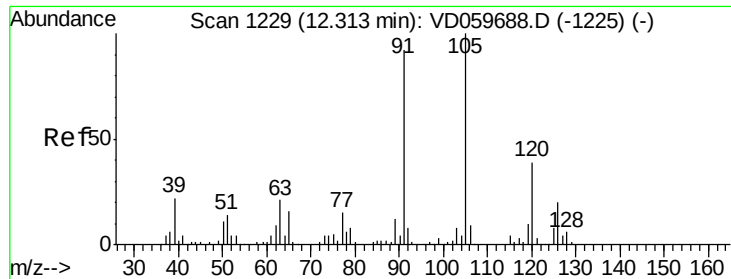
Tot Ion:105 Resp: 2348
 Ion Ratio Lower Upper
 105 100
 120 32.9 19.7 59.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 192.462 ug/l
 RT: 11.92 min Scan# 1189
 Delta R.T. 0.09 min
 Lab File: VD059703.D
 Acq: 7 Aug 2018 14:23

Tgt Ion: 75 Resp: 15431
 Ion Ratio Lower Upper
 75 100
 53 136.9 120.5 180.7
 89 0.0 44.4 66.6#

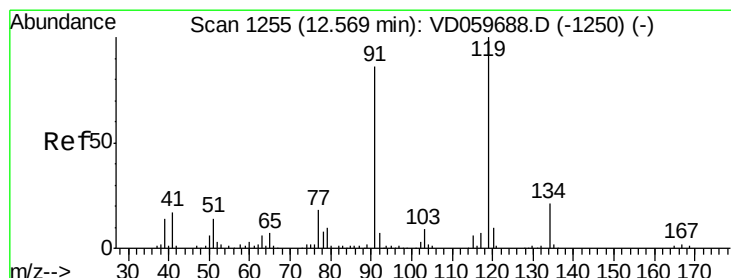
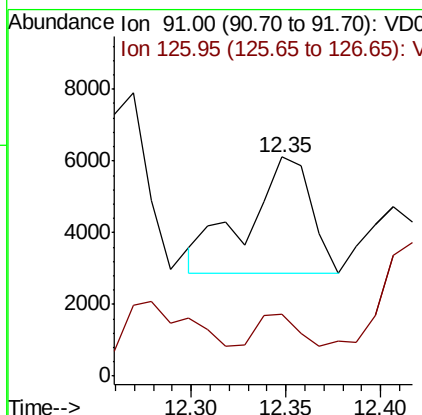
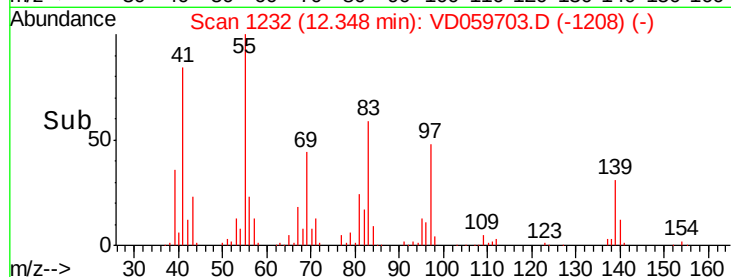
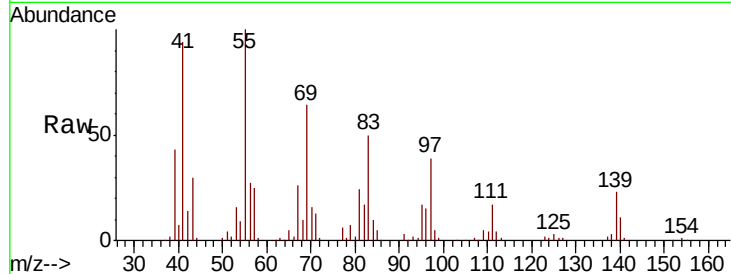




#82
4-Chlorotoluene
Concen: 6.050 ug/l
RT: 12.35 min Scan# 1232
Delta R.T. 0.03 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

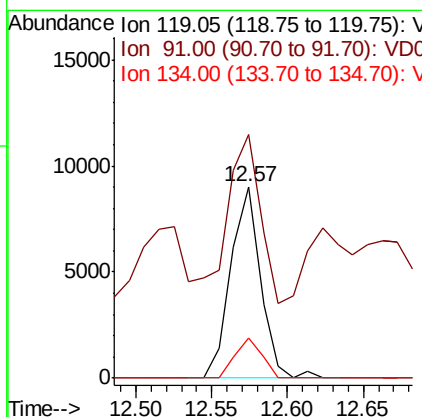
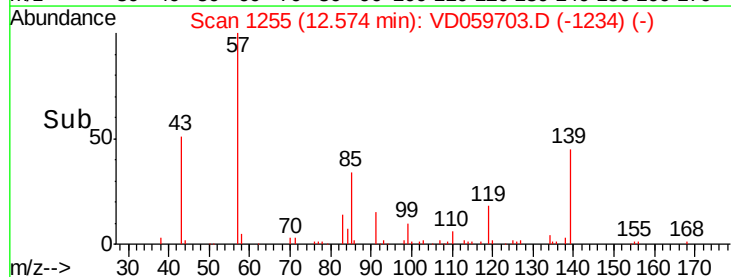
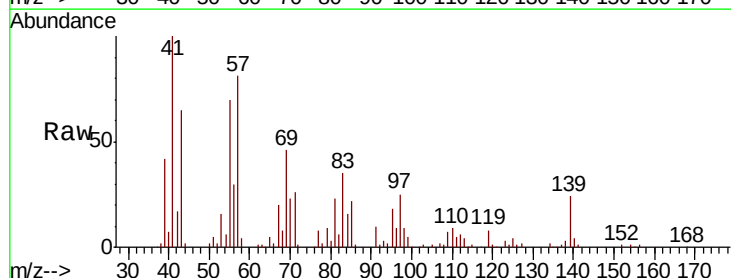
Instrument :
MSVOA_D
ClientSampled :

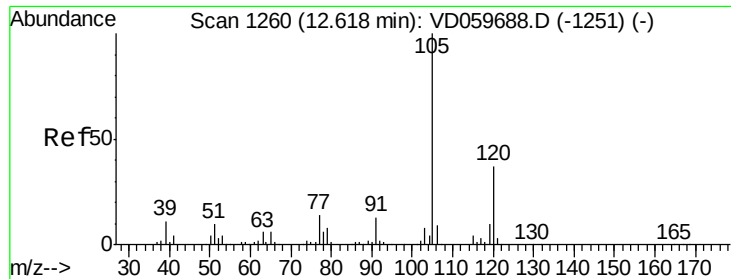
Tot Ion: 91 Resp: 7571
Ion Ratio Lower Upper
91 100
126 28.2 10.7 31.9



#83
tert-Butylbenzene
Concen: 9.314 ug/l
RT: 12.57 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD059703.D
Acq: 7 Aug 2018 14:23

Tgt Ion: 119 Resp: 12402
Ion Ratio Lower Upper
119 100
91 127.2 43.3 129.9
134 20.8 10.5 31.6

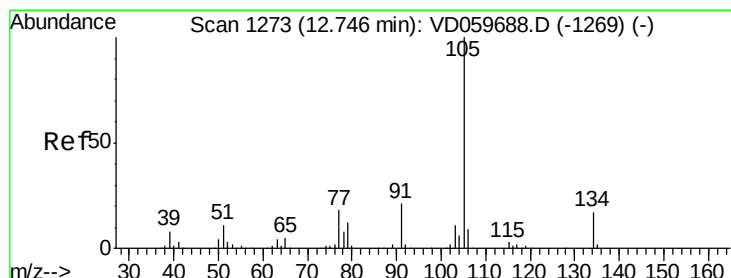
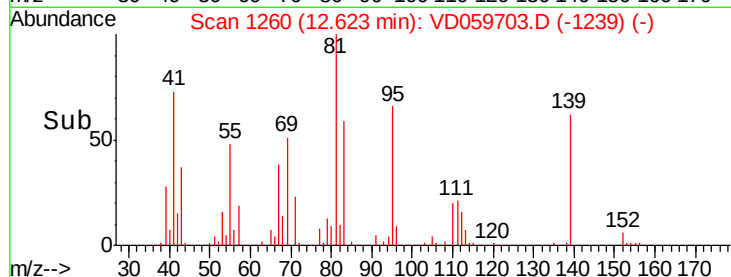
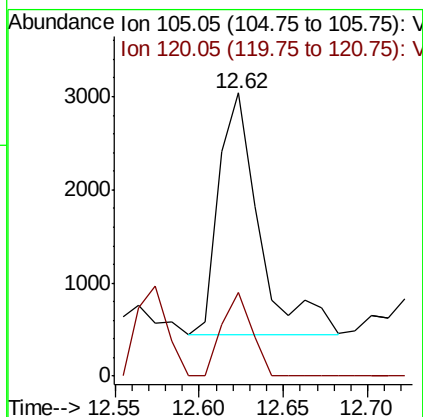
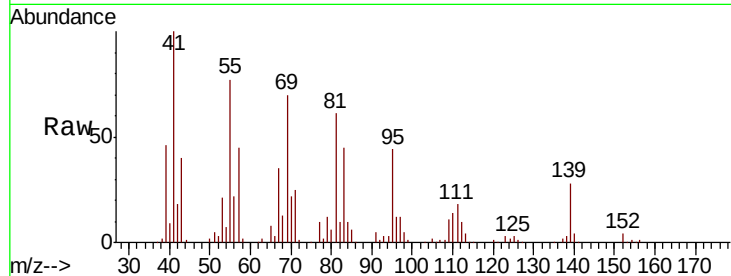




#84
 1,2,4-Trimethylbenzene
 Concen: 3.424 ug/l
 RT: 12.62 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VD059703.D
 Acq: 7 Aug 2018 14:23

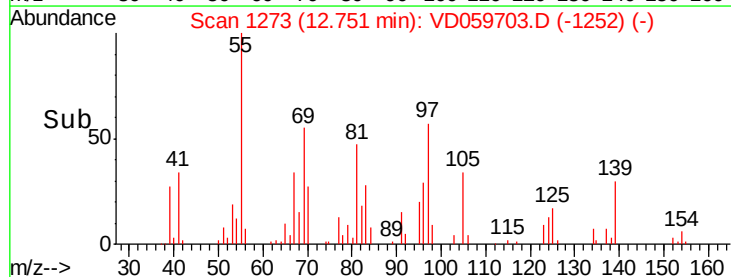
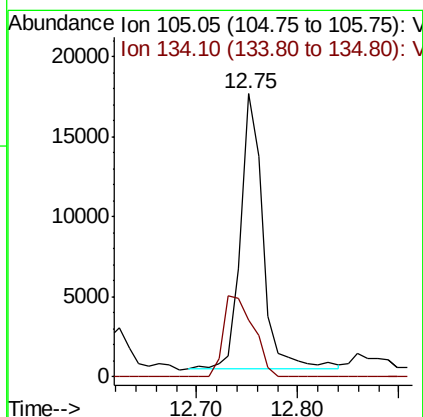
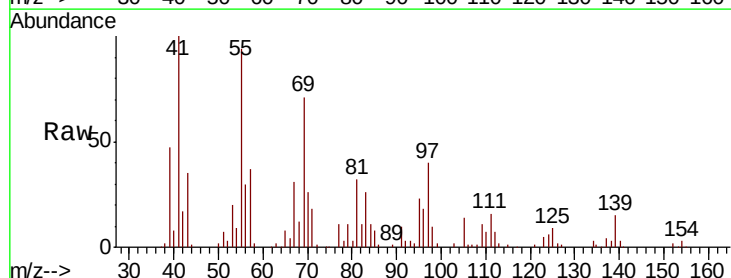
Instrument :
 MSVOA_D
 ClientSampled :

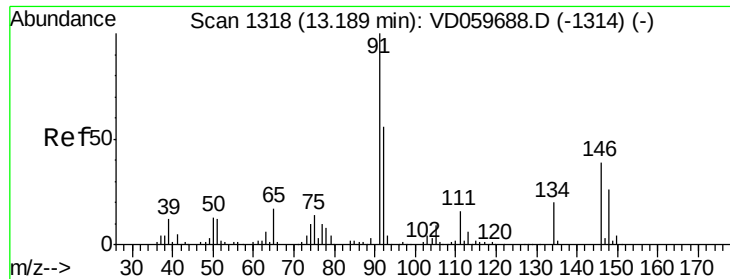
Tot Ion:105 Resp: 4317
 Ion Ratio Lower Upper
 105 100
 120 29.5 18.7 56.1



#85
 sec-Butylbenzene
 Concen: 17.964 ug/l
 RT: 12.75 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VD059703.D
 Acq: 7 Aug 2018 14:23

Tgt Ion:105 Resp: 26565
 Ion Ratio Lower Upper
 105 100
 134 20.3 8.3 24.9





#89

n-Butylbenzene

Concen: 26.874 ug/l

RT: 13.19 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

ClientSampled :

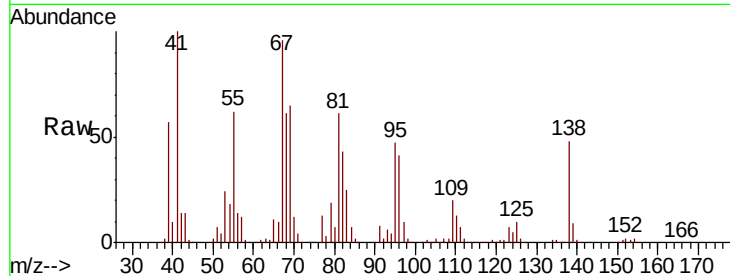
Tot Ion: 91 Resp: 34363

Ion Ratio Lower Upper

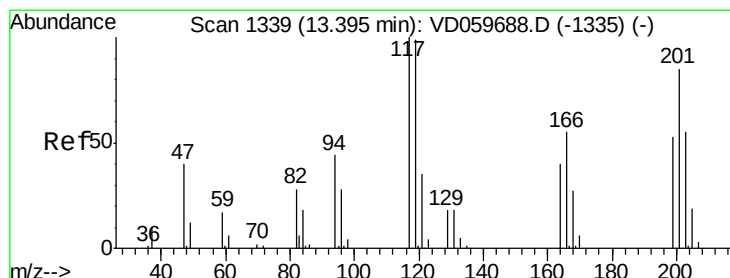
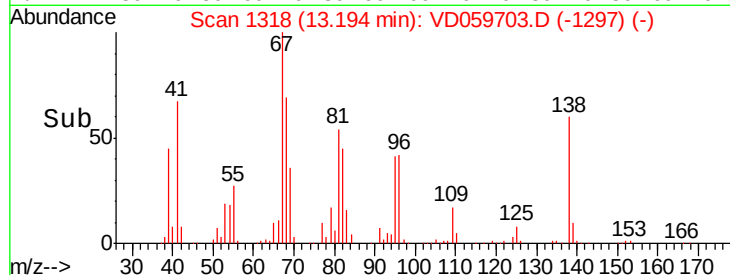
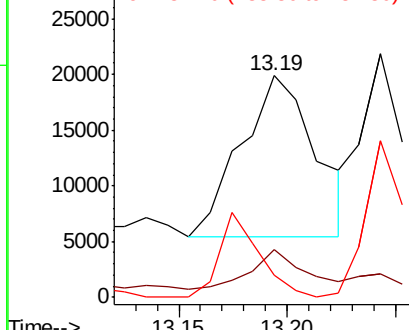
91 100

92 21.7 28.2 84.6#

134 10.2 9.8 29.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 5.654 ug/l

RT: 13.39 min Scan# 1338

Delta R.T. -0.00 min

Lab File: VD059703.D

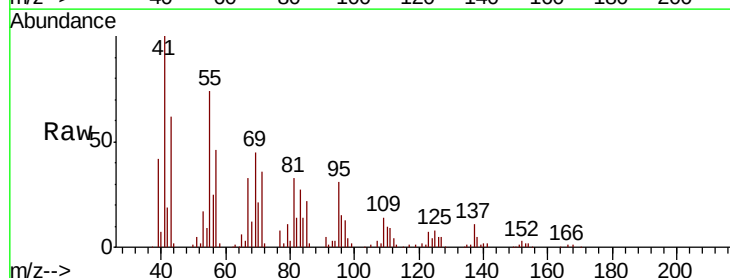
Acq: 7 Aug 2018 14:23

Tgt Ion: 117 Resp: 1848

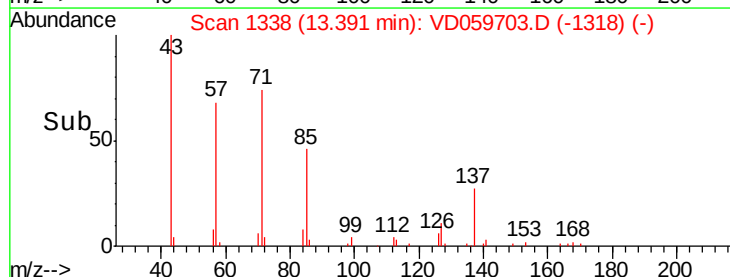
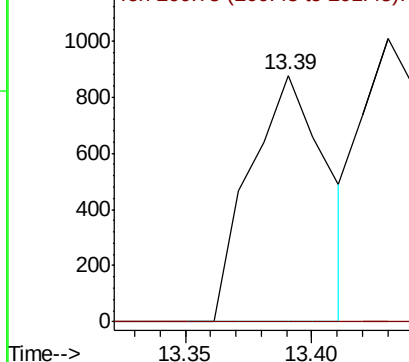
Ion Ratio Lower Upper

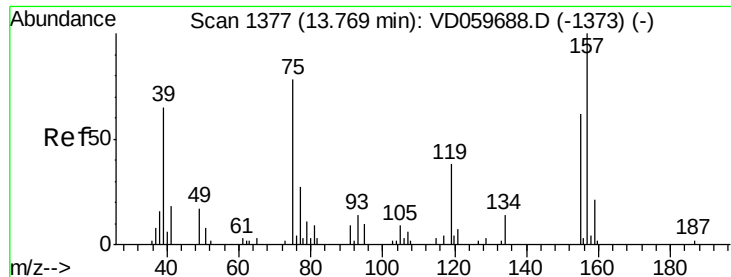
117 100

201 0.0 42.4 127.1#



Abundance Ion 116.85 (116.55 to 117.55): VDC
Ion 200.75 (200.45 to 201.45): VDC





#92

1,2-Dibromo-3-Chloropropane

Concen: 22.502 ug/l

RT: 13.74 min Scan# 1374

Delta R.T. -0.02 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

Instrument :

MSVOA_D

ClientSampled :

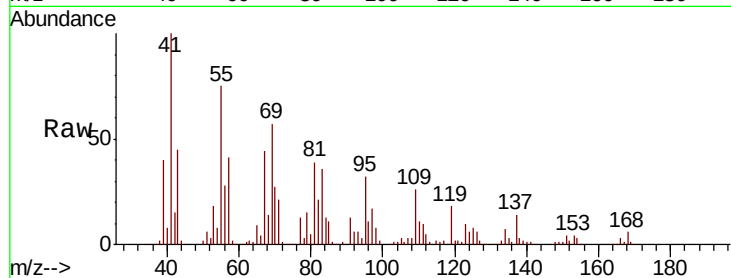
Tot Ion: 75 Resp: 1347

Ion Ratio Lower Upper

75 100

155 123.9 40.0 119.9#

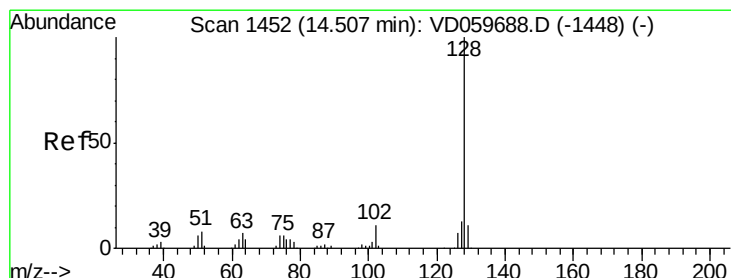
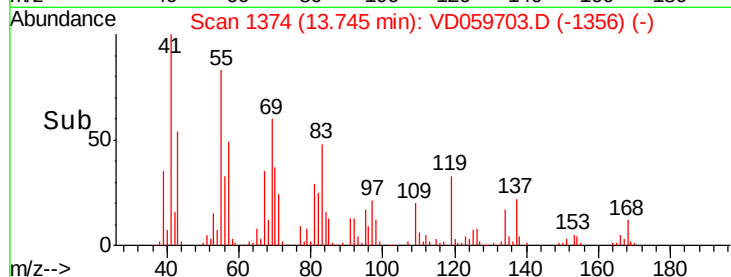
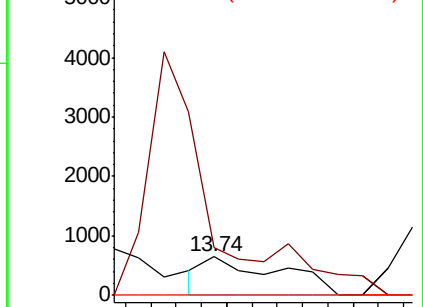
157 0.0 64.3 192.7#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#95

Naphthalene

Concen: 10.721 ug/l

RT: 14.51 min Scan# 1452

Delta R.T. 0.01 min

Lab File: VD059703.D

Acq: 7 Aug 2018 14:23

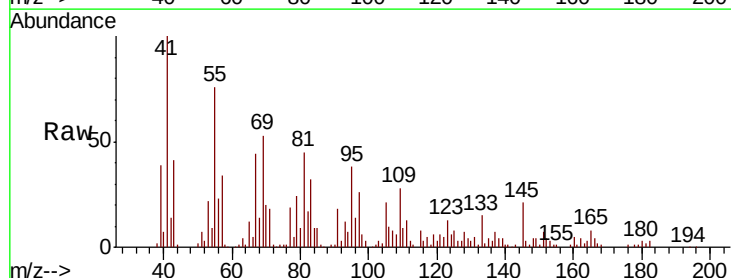
Tgt Ion: 128 Resp: 8642

Ion Ratio Lower Upper

128 100

127 46.9 10.6 16.0#

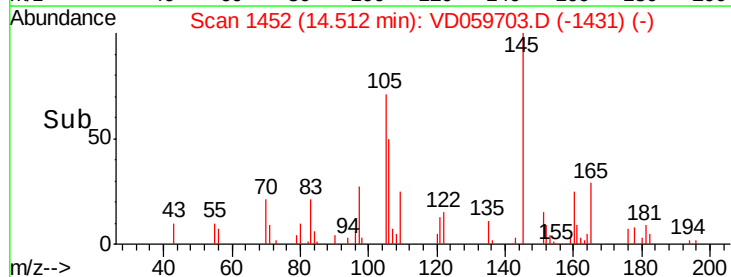
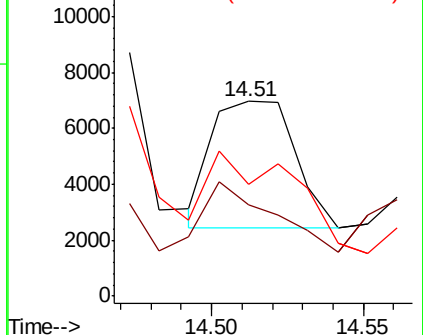
129 57.6 8.8 13.2#

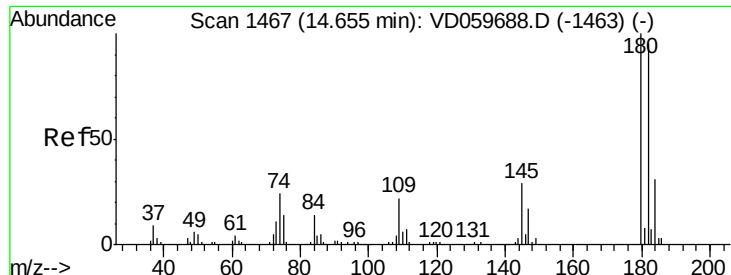


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

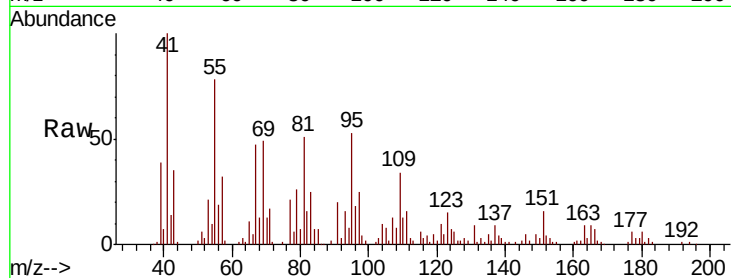




#96
 1,2,3-Trichlorobenzene
 Concen: 7.706 ug/l
 RT: 14.58 min Scan# 1459
 Delta R.T. -0.07 min
 Lab File: VD059703.D
 Acq: 7 Aug 2018 14:23

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	49.0	47.5	142.5
145	29.2	14.5	43.5



Abundance

Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

