

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092118\
 Data File : VD060071.D
 Acq On : 21 Sep 2018 15:07
 Operator : VA/AP
 Sample : J5017-05RE
 Misc : 5.00/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

Quant Time: Sep 22 00:50:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1211645	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1697344	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1277627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	525808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.78	65	380700	40.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.58%	
35) Dibromofluoromethane	6.32	113	519453	39.17	ug/l	0.02
Spiked Amount	50.000		Recovery	=	78.34%	
50) Toluene-d8	9.45	98	1285328	34.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.94%	
62) 4-Bromofluorobenzene	12.42	95	452744	32.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.50%	

Target Compounds

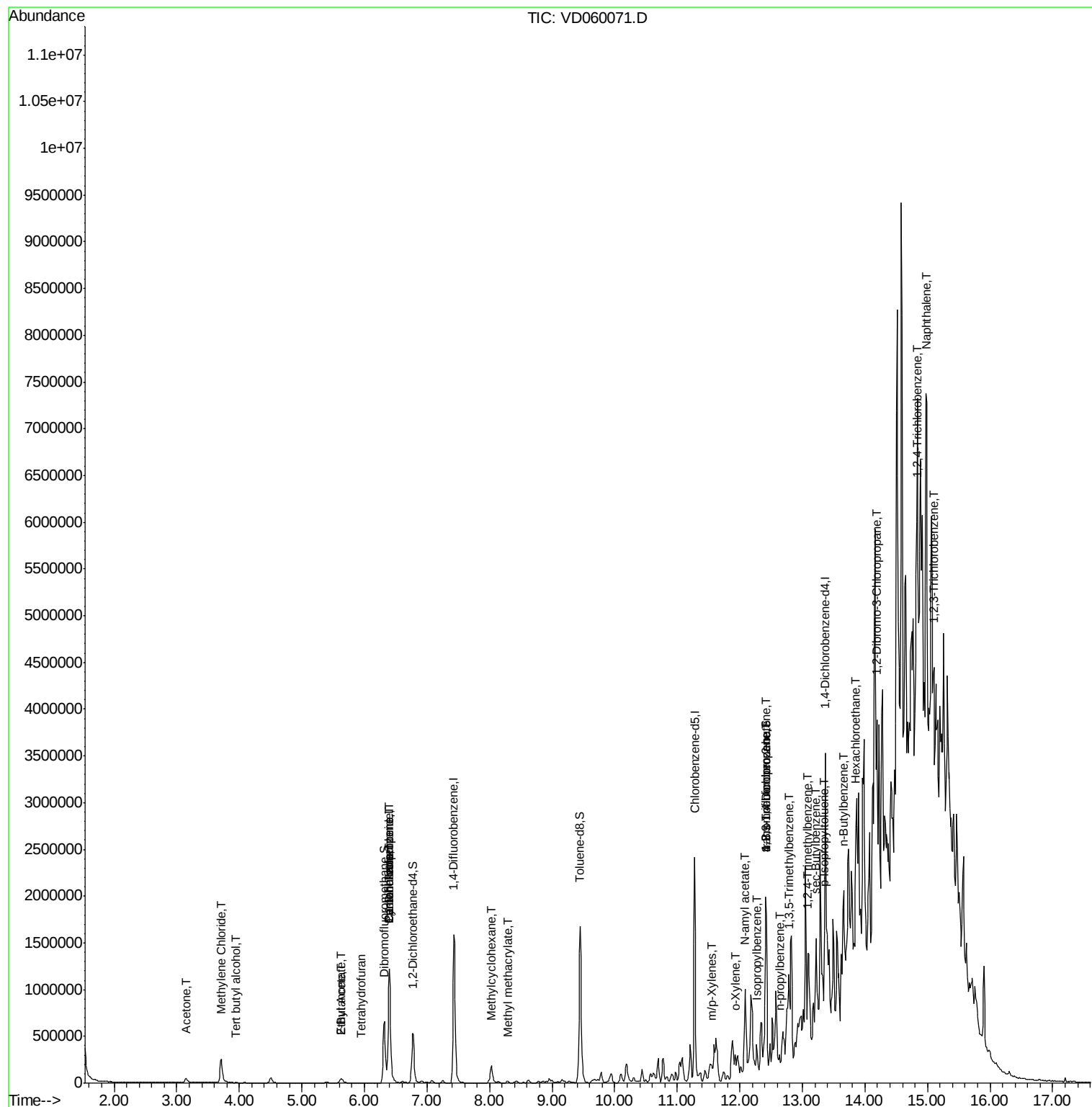
					Qvalue	
11) Tert butyl alcohol	3.96	59	1482	1.944	ug/l	# 74
16) Acetone	3.15	43	87128	47.760	ug/l	97
20) Methylene Chloride	3.71	84	159418	5.928	ug/l	99
25) 2-Butanone	5.61	43	48175	9.786	ug/l	99
29) Tetrahydrofuran	5.94	42	2775	1.051	ug/l	# 41
31) Cyclohexane	6.39	56	41054	1.956	ug/l	# 1
36) 1,1-Dichloropropene	6.40	75	85201	5.053	ug/l	# 46
37) Ethyl Acetate	5.61	43	48173	4.155	ug/l	# 72
38) Carbon Tetrachloride	6.40	117	92177	5.857	ug/l	# 16
39) Methylcyclohexane	8.03	83	86709	4.546	ug/l	97
48) Methyl methacrylate	8.29	41	9712	1.123	ug/l	89
51) 4-Methyl-2-Pentanone	9.33	43	7279	Below Cal	#	87
59) 2-Hexanone	10.43	43	80655	Below Cal	#	34
68) m/p-Xylenes	11.56	106	20047	1.228	ug/l	92
69) o-Xylene	11.93	106	20172	1.247	ug/l	92
73) Isopropylbenzene	12.27	105	59367	1.722	ug/l	100
74) N-amyl acetate	12.08	43	185031	13.546	ug/l	# 60
76) 1,2,3-Trichloropropane	12.42	75	145011	18.057	ug/l	# 48
78) n-propylbenzene	12.63	91	90008	2.076	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	94458	3.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.42	75	171846	70.890	ug/l	# 19
84) 1,2,4-Trimethylbenzene	13.09	105	337248	11.957	ug/l	98
85) sec-Butylbenzene	13.22	105	84084	2.313	ug/l	95
86) p-Isopropyltoluene	13.34	119	82457	2.805	ug/l	# 88
89) n-Butylbenzene	13.65	91	159628	3.195	ug/l	92
90) Hexachloroethane	13.85	117	27744	3.810	ug/l	# 7
91) 1,2-Dichlorobenzene	13.65	146	1184	Below Cal	#	1
92) 1,2-Dibromo-3-Chloropropan	14.19	75	4158	3.486	ug/l	# 20
93) 1,2,4-Trichlorobenzene	14.82	180	34977	2.841	ug/l	# 1
95) Naphthalene	14.97	128	62960	3.312	ug/l	# 23
96) 1,2,3-Trichlorobenzene	15.10	180	25498	2.350	ug/l	# 1

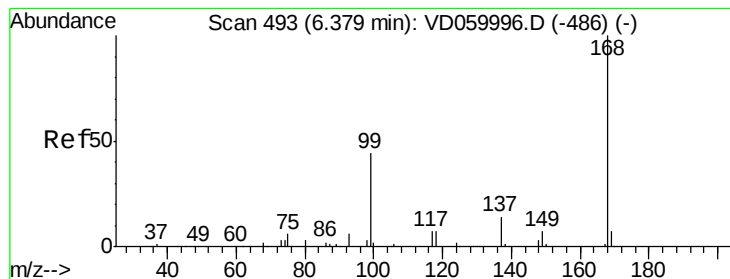
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

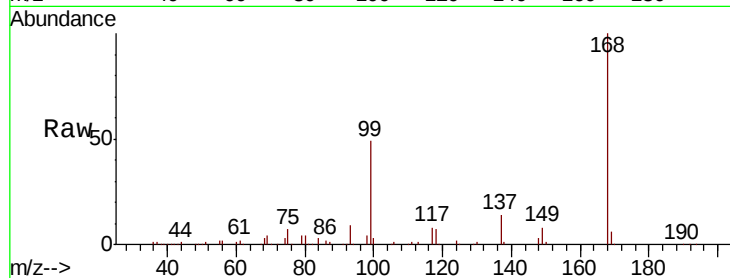
RA-091918-S-EW-059

Tot Ion:168 Resp: 1211645

Ion Ratio Lower Upper

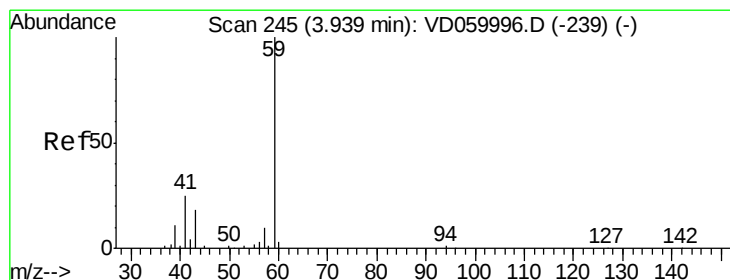
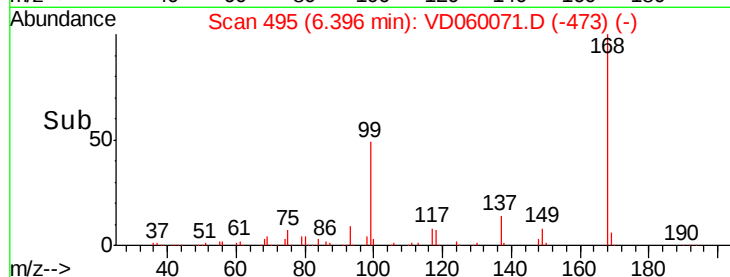
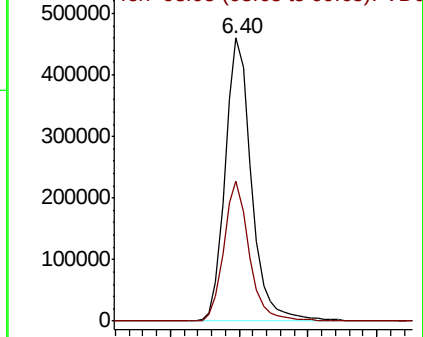
168 100

99 49.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 1.944 ug/l

RT: 3.96 min Scan# 247

Delta R.T. 0.02 min

Lab File: VD060071.D

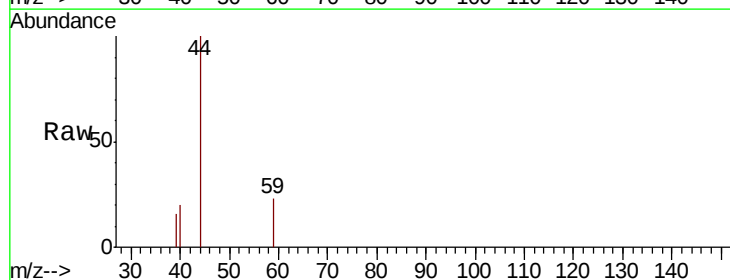
Acq: 21 Sep 2018 15:07

Tgt Ion: 59 Resp: 1482

Ion Ratio Lower Upper

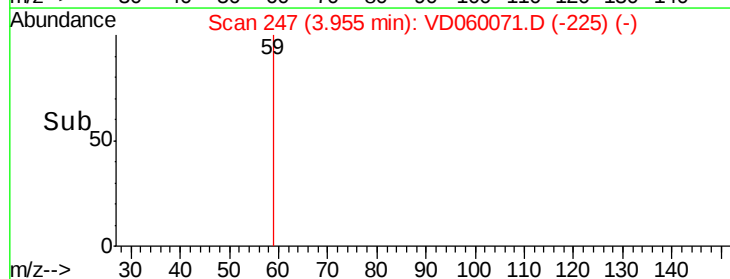
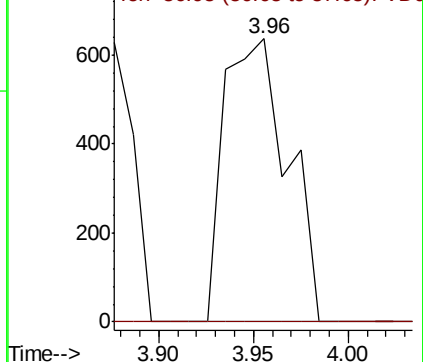
59 100

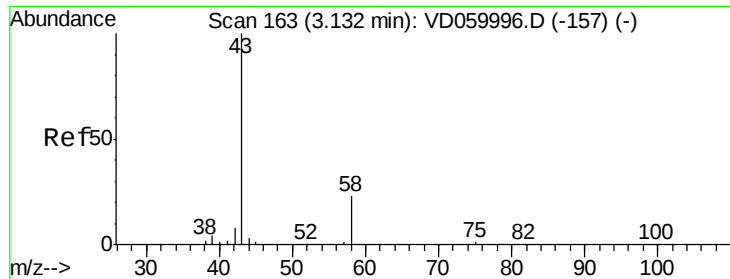
57 0.0 7.4 11.2#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 47.760 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

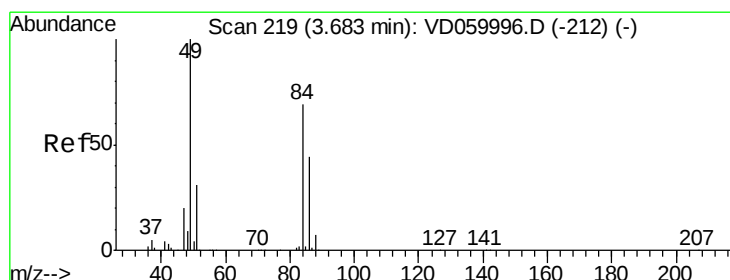
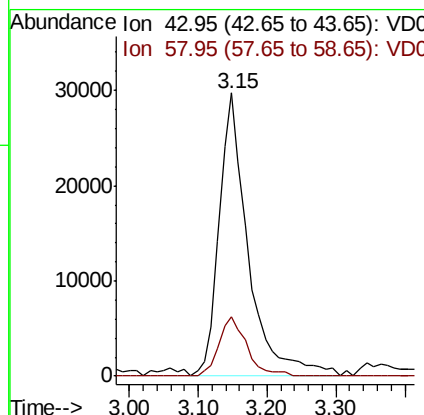
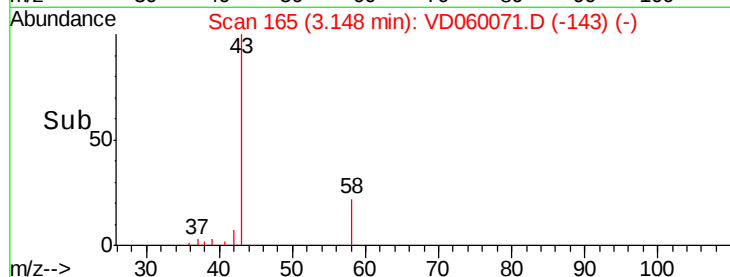
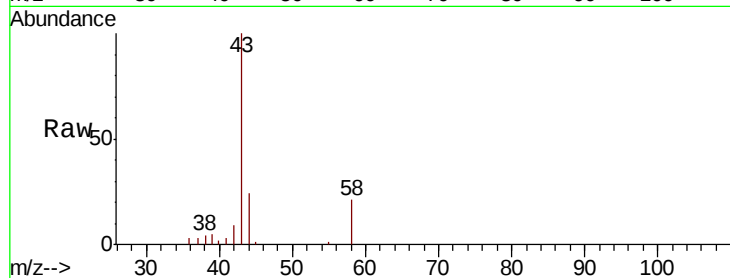
RA-091918-S-EW-059

Tot Ion: 43 Resp: 87128

Ion Ratio Lower Upper

43 100

58 21.1 18.1 27.1



#20

Methylene Chloride

Concen: 5.928 ug/l

RT: 3.71 min Scan# 222

Delta R.T. 0.03 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Tgt Ion: 84 Resp: 159418

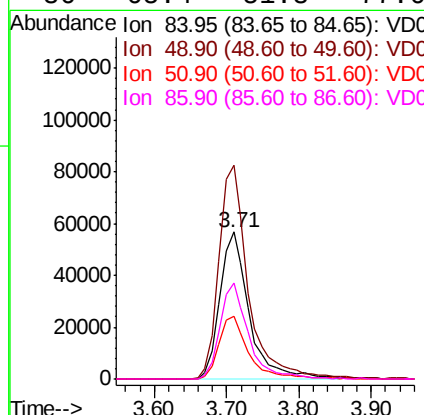
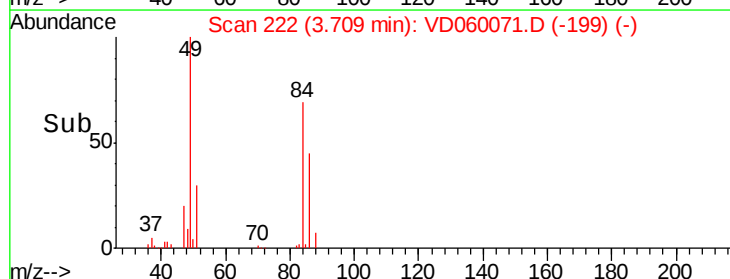
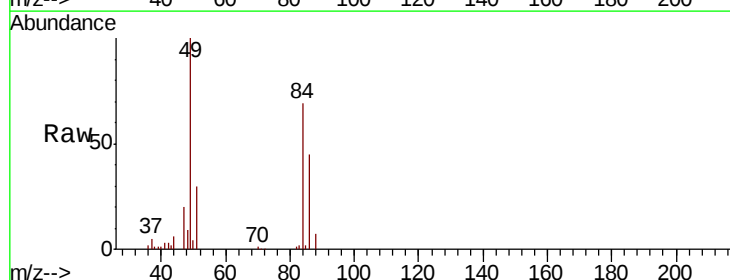
Ion Ratio Lower Upper

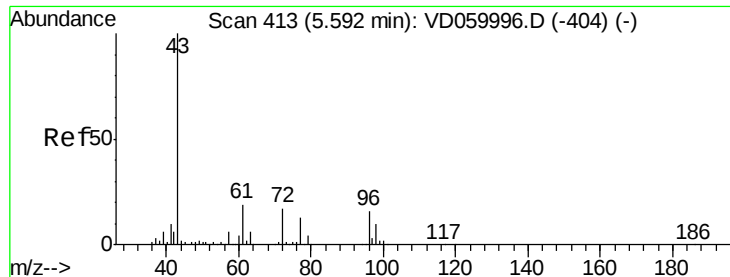
84 100

49 145.6 116.6 175.0

51 43.0 35.9 53.9

86 65.4 51.8 77.6





#25

2-Butanone

Concen: 9.786 ug/l

RT: 5.61 min Scan# 415

Delta R.T. 0.02 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

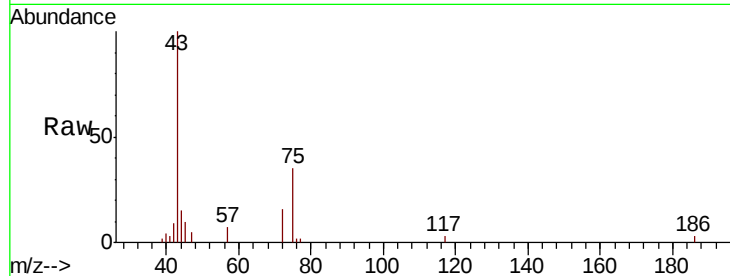
RA-091918-S-EW-059

Tot Ion: 43 Resp: 48175

Ion Ratio Lower Upper

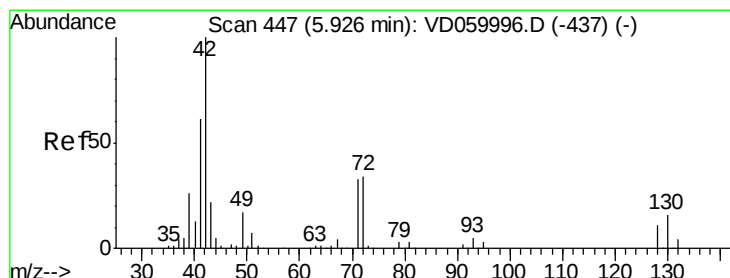
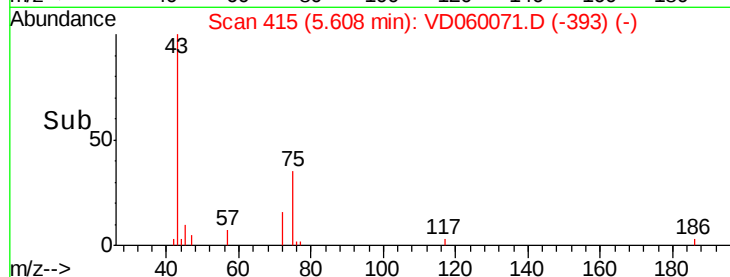
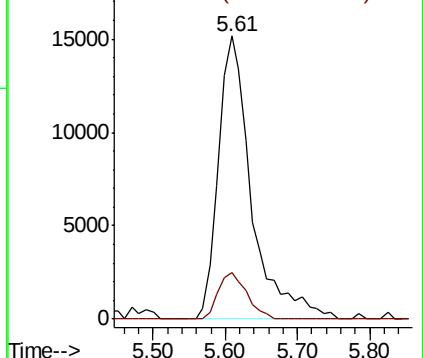
43 100

72 16.4 13.6 20.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 1.051 ug/l

RT: 5.94 min Scan# 449

Delta R.T. 0.02 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

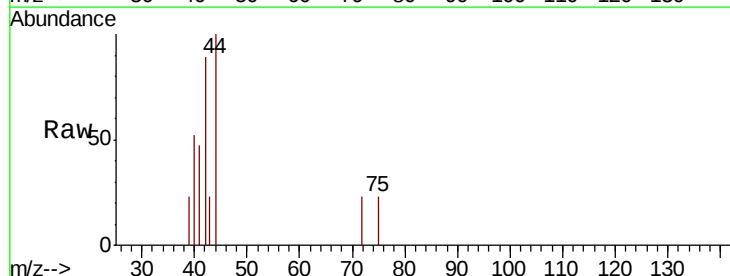
Tgt Ion: 42 Resp: 2775

Ion Ratio Lower Upper

42 100

72 0.0 26.9 40.3#

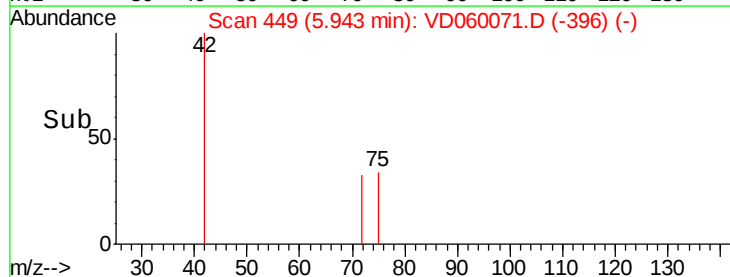
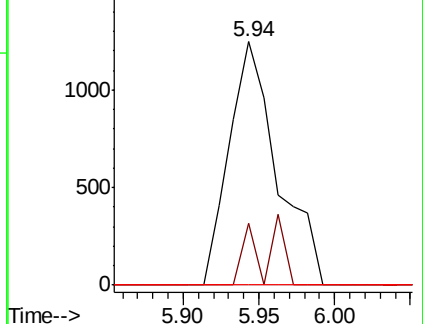
71 0.0 26.2 39.4#

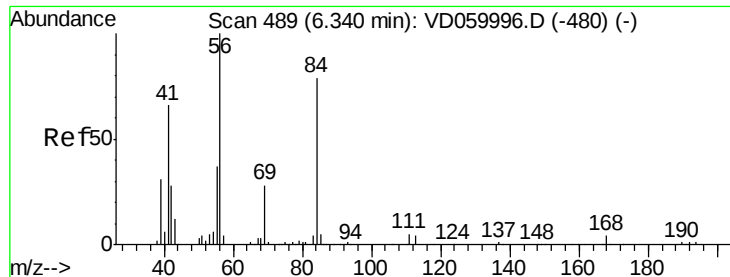


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

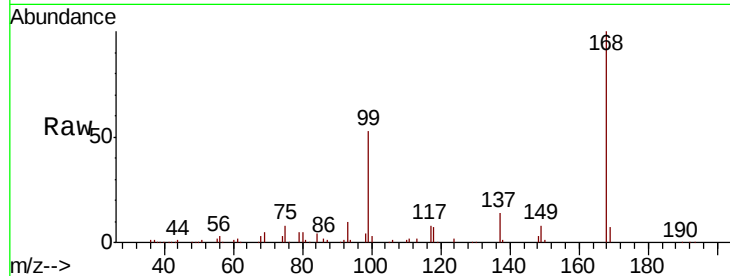




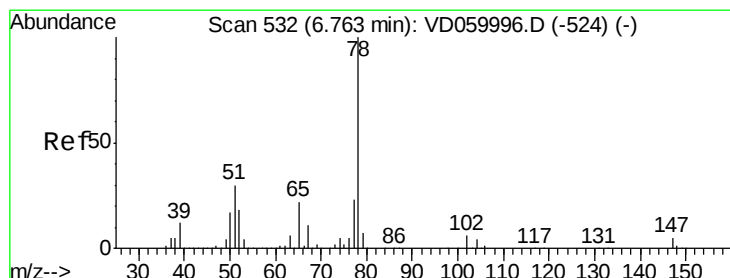
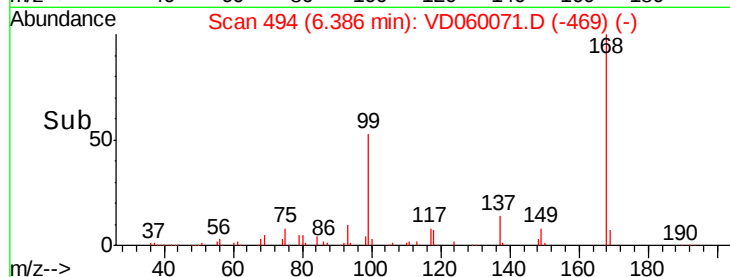
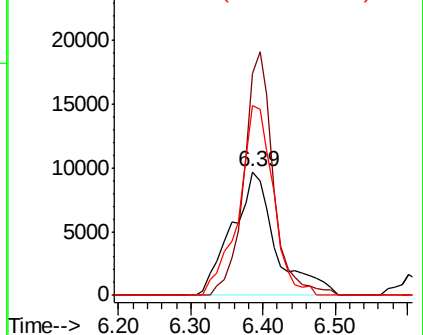
#31
Cyclohexane
Concen: 1.956 ug/l
RT: 6.39 min Scan# 494
Delta R.T. 0.05 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

Tot Ion: 56 Resp: 41054
Ion Ratio Lower Upper
56 100
69 179.4 22.7 34.1#
84 152.9 64.0 96.0#

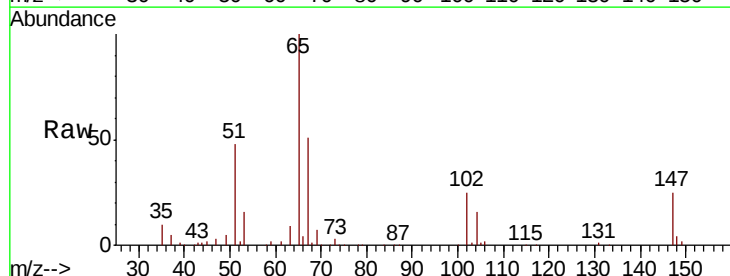


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

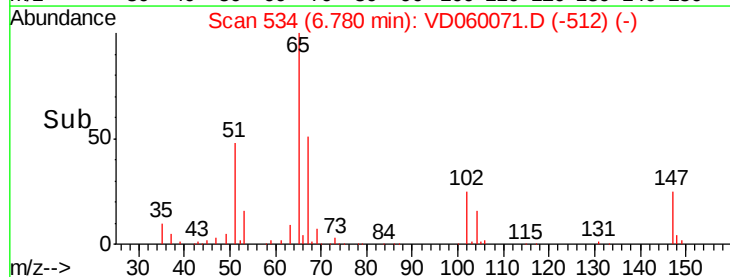
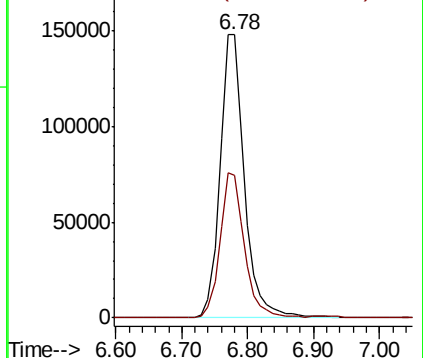


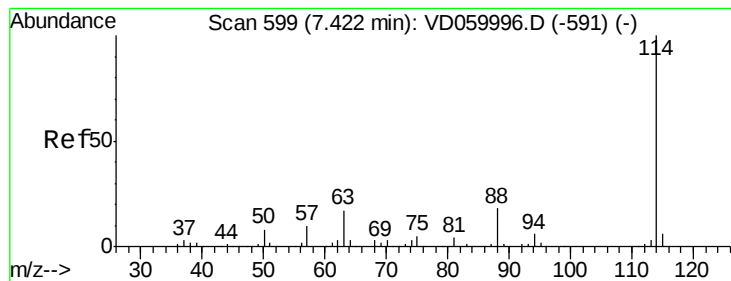
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Tgt Ion: 65 Resp: 380700
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

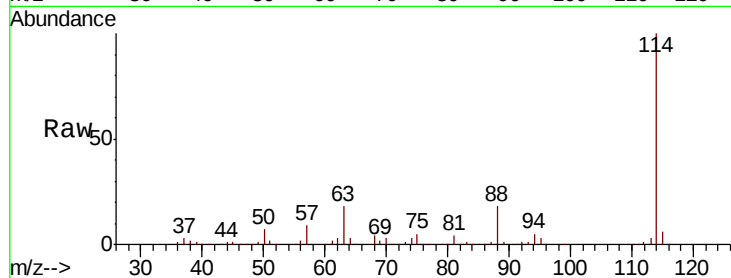
Tot Ion:114 Resp: 1697344

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 17.8 0.0 35.8



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

800000

600000

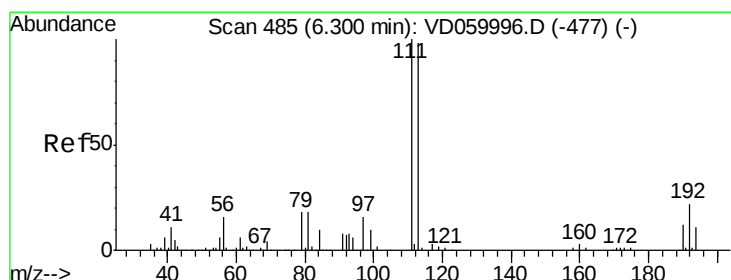
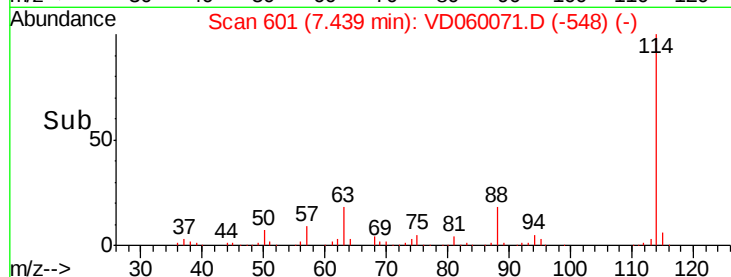
400000

200000

0

7.40 7.60

Time-->



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

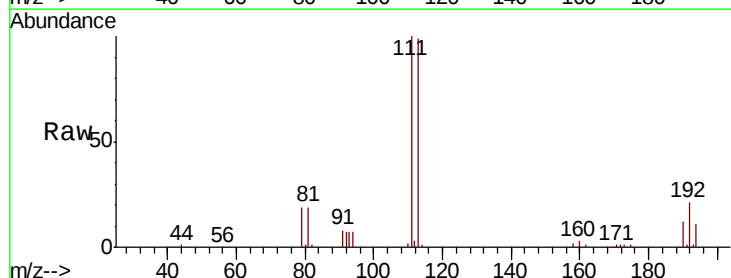
Tgt Ion:113 Resp: 519453

Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 21.6 18.1 27.1



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

250000

200000

150000

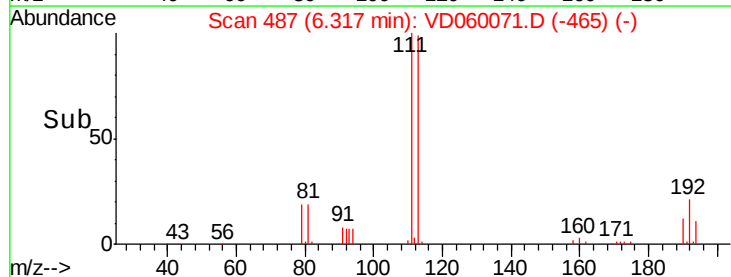
100000

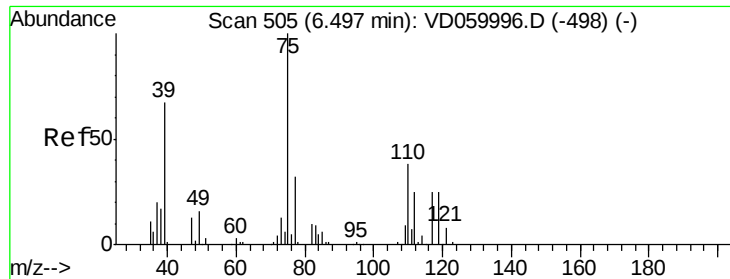
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0

6.20 6.30 6.40 6.50

Time-->

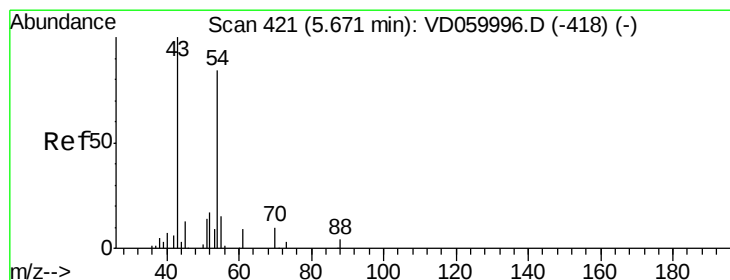
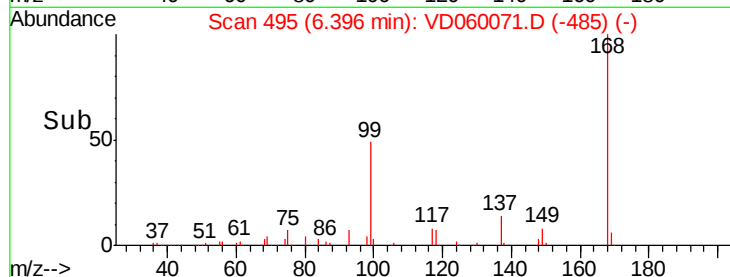
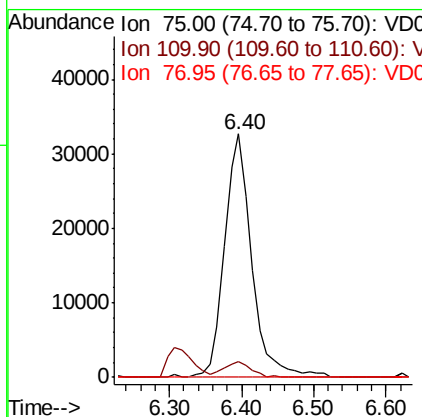
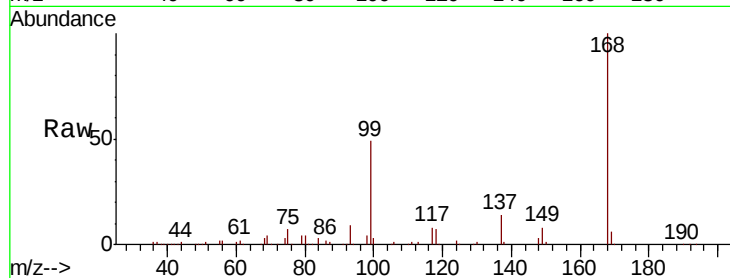




#36
 1,1-Dichloropropene
 Concen: 5.053 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.10 min
 Lab File: VD060071.D
 Acq: 21 Sep 2018 15:07

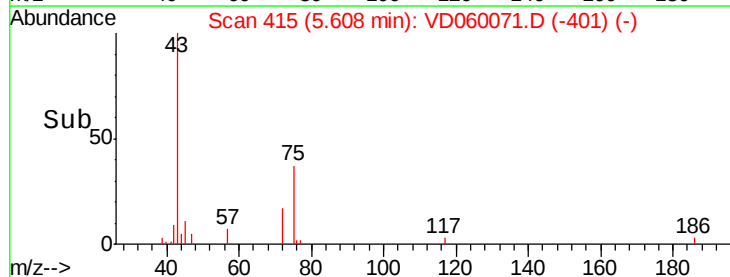
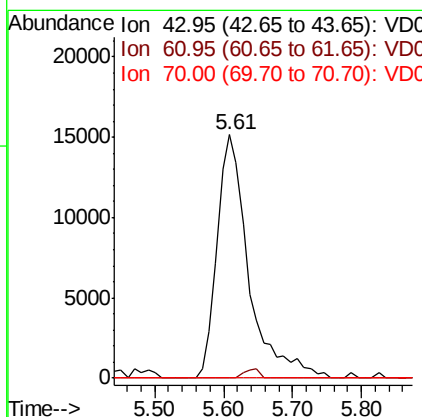
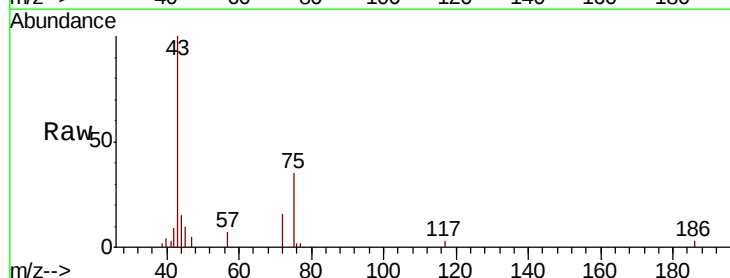
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

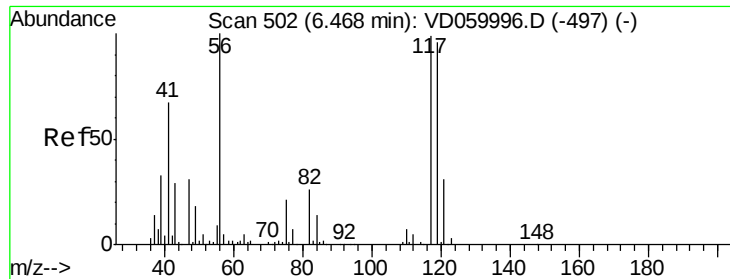
Tot Ion: 75 Resp: 85201
 Ion Ratio Lower Upper
 75 100
 110 6.5 18.9 56.9#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 4.155 ug/l
 RT: 5.61 min Scan# 415
 Delta R.T. -0.06 min
 Lab File: VD060071.D
 Acq: 21 Sep 2018 15:07

Tgt Ion: 43 Resp: 48173
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.2#
 70 0.0 6.1 9.1#





#38

Carbon Tetrachloride

Concen: 5.857 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.07 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

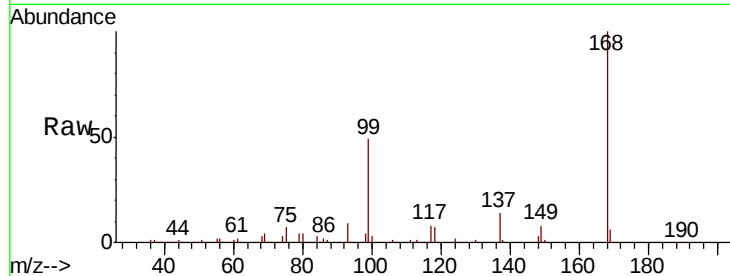
Tot Ion:117 Resp: 92177

Ion Ratio Lower Upper

117 100

119 4.8 76.7 115.1#

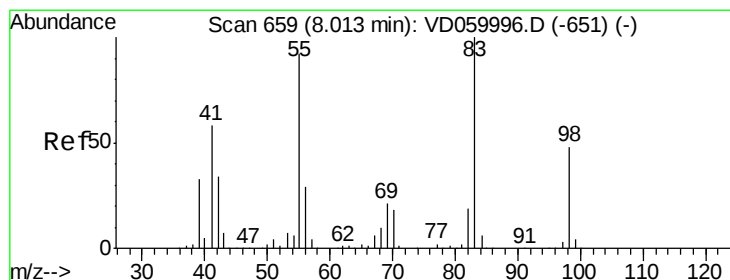
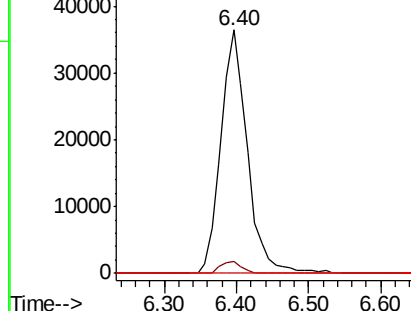
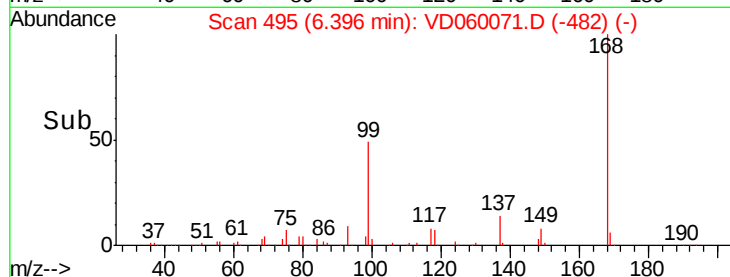
121 0.0 24.9 37.3#



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



#39

Methylcyclohexane

Concen: 4.546 ug/l

RT: 8.03 min Scan# 661

Delta R.T. 0.02 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

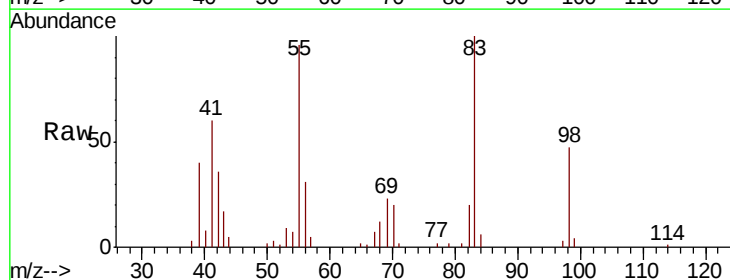
Tgt Ion: 83 Resp: 86709

Ion Ratio Lower Upper

83 100

55 95.7 73.8 110.6

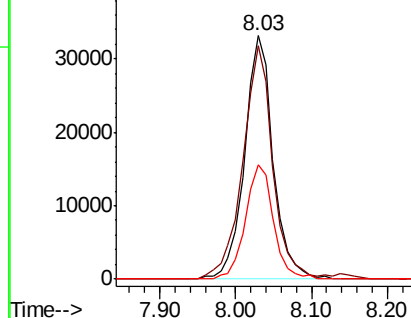
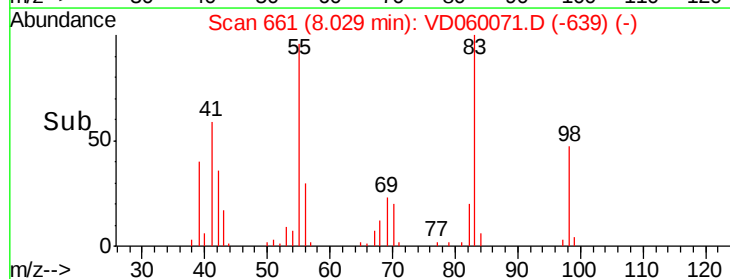
98 46.9 38.1 57.1

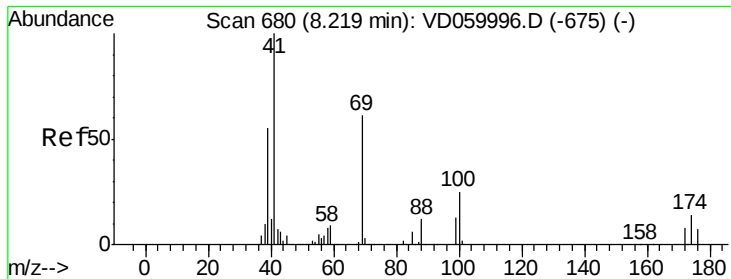


Abundance Ion 83.05 (82.75 to 83.75): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.05 (97.75 to 98.75): V

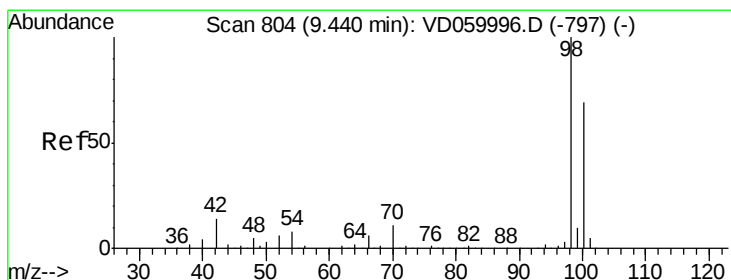
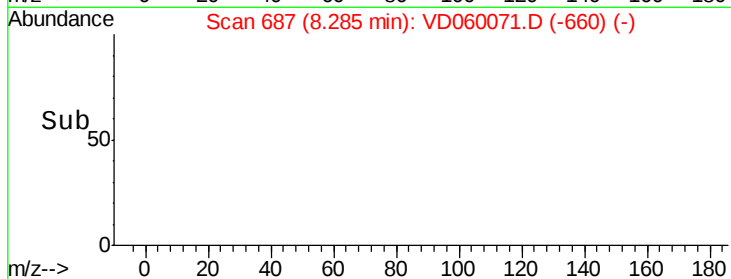
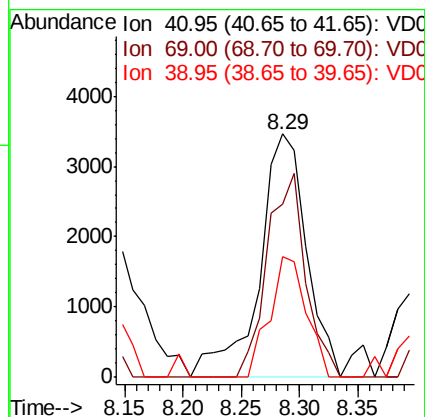
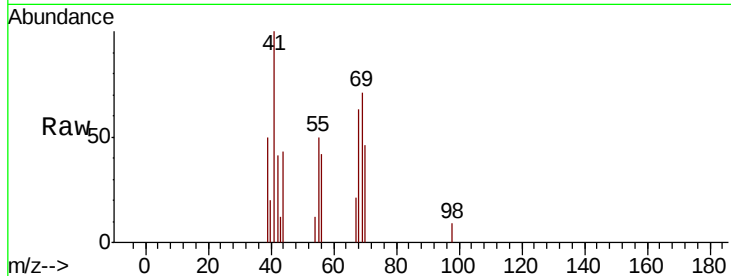




#48
Methvl methacrylate
Concen: 1.123 ug/l
RT: 8.29 min Scan# 687
Delta R.T. 0.07 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

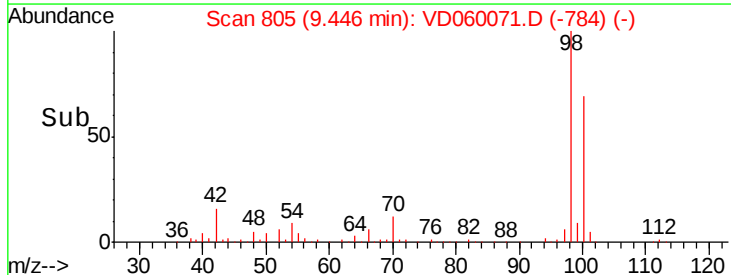
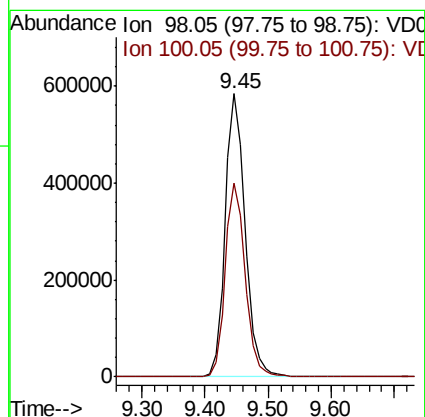
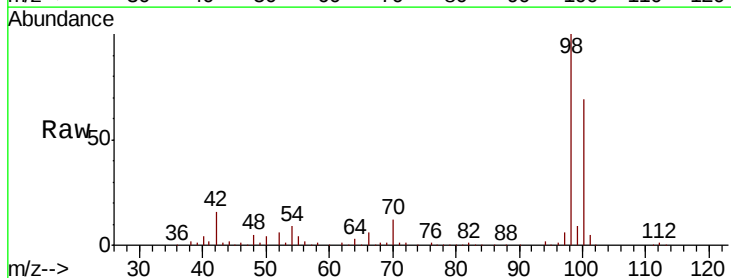
Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

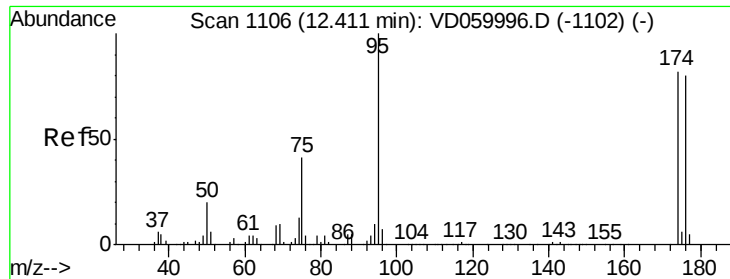
Tot Ion: 41 Resp: 9712
Ion Ratio Lower Upper
41 100
69 71.1 48.3 72.5
39 49.6 44.1 66.1



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Tgt Ion: 98 Resp: 1285328
Ion Ratio Lower Upper
98 100
100 68.6 55.8 83.6

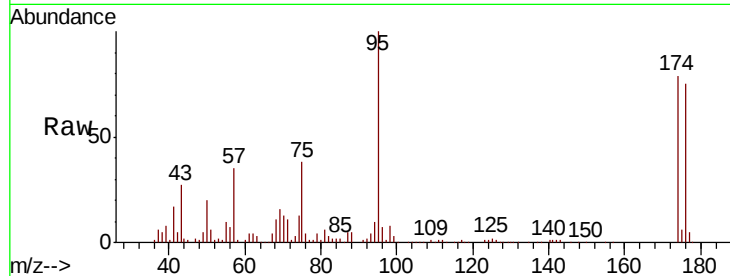




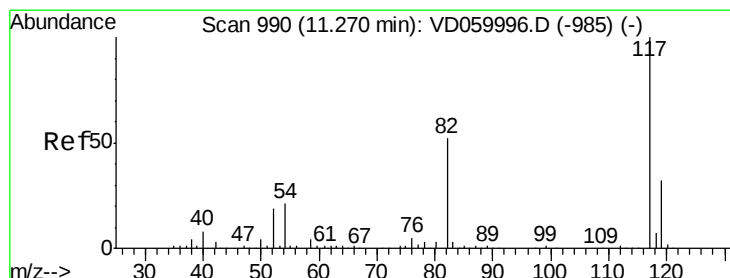
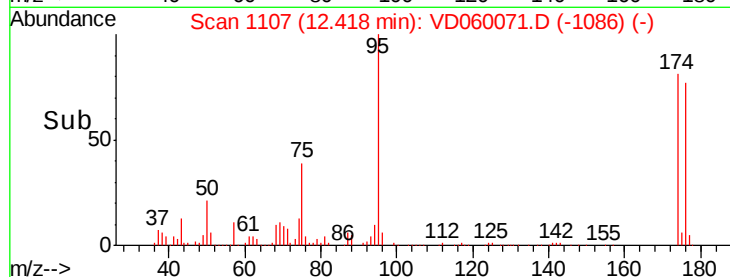
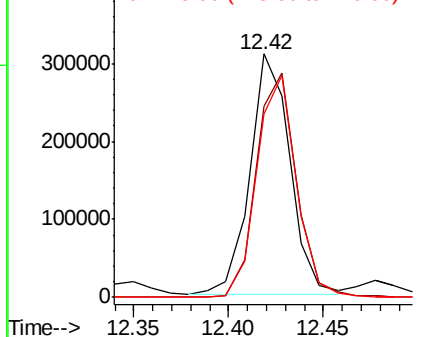
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.42 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VD060071.D
 Acq: 21 Sep 2018 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

Tot Ion: 95 Resp: 452744
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 165.0
 176 75.4 0.0 160.2

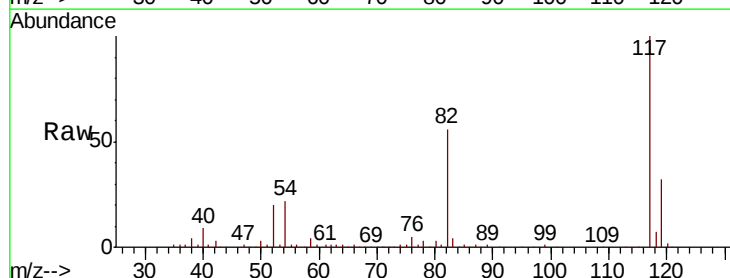


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

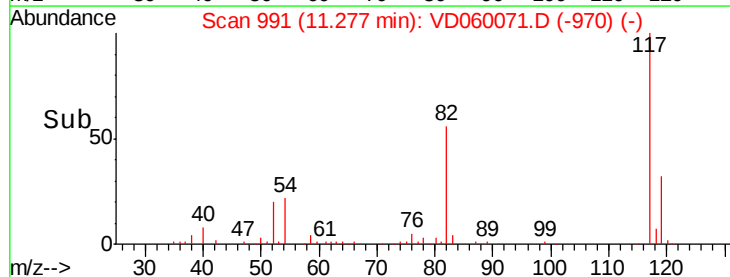
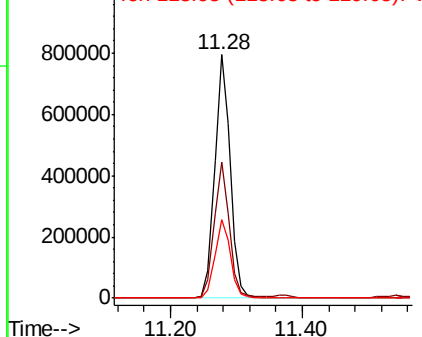


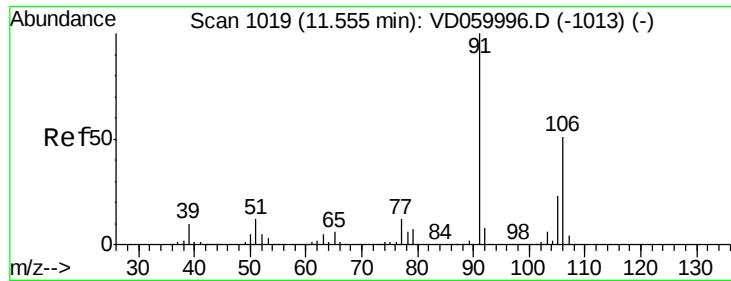
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.28 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VD060071.D
 Acq: 21 Sep 2018 15:07

Tgt Ion: 117 Resp: 1277627
 Ion Ratio Lower Upper
 117 100
 82 55.7 41.7 62.5
 119 32.3 26.0 39.0



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

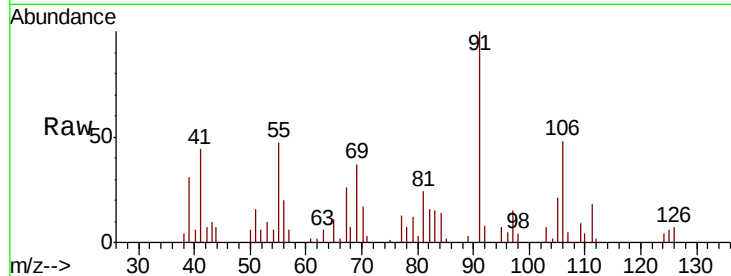




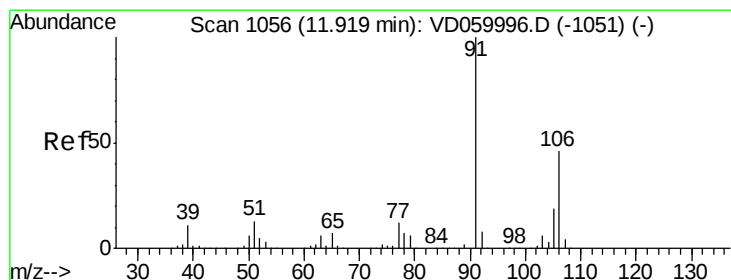
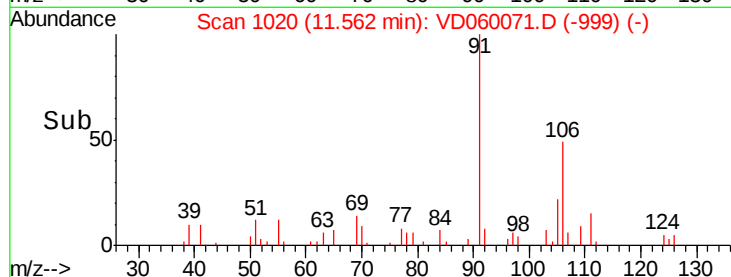
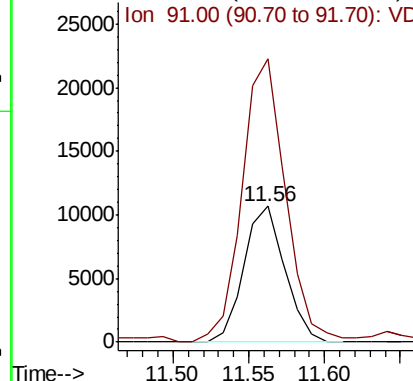
#68
m/p-Xylenes
Concen: 1.228 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

Tot Ion:106 Resp: 20047
Ion Ratio Lower Upper
106 100
91 208.0 157.0 235.6

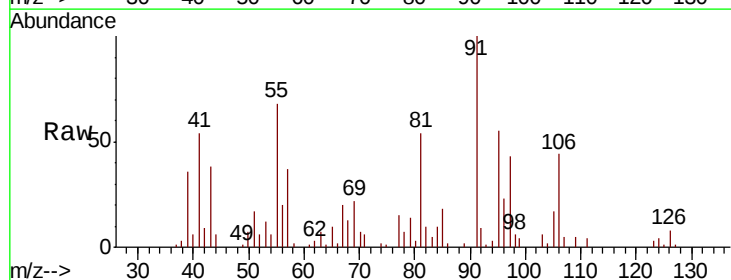


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

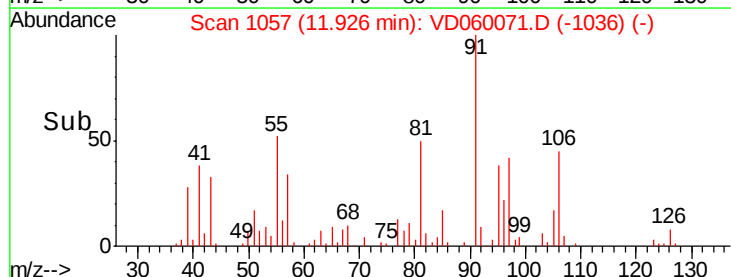
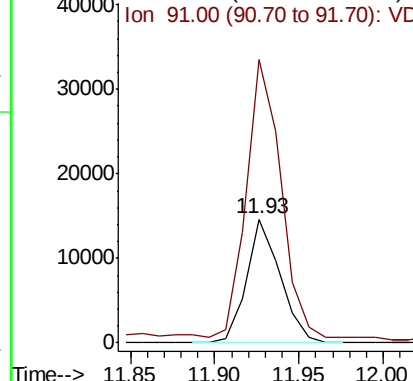


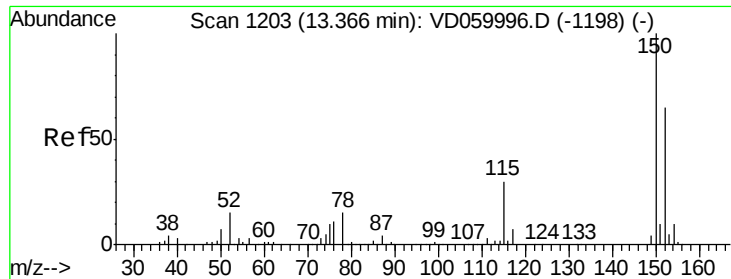
#69
o-Xylene
Concen: 1.247 ug/l
RT: 11.93 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Tgt Ion:106 Resp: 20172
Ion Ratio Lower Upper
106 100
91 228.6 107.7 323.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

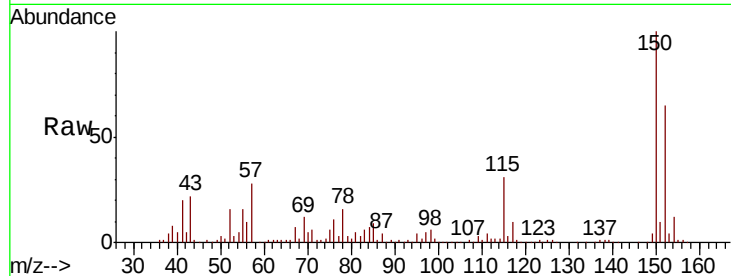
Tot Ion:152 Resp: 525808

Ion Ratio Lower Upper

152 100

115 48.4 24.6 73.8

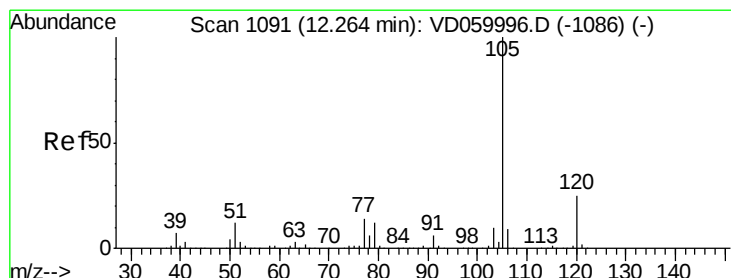
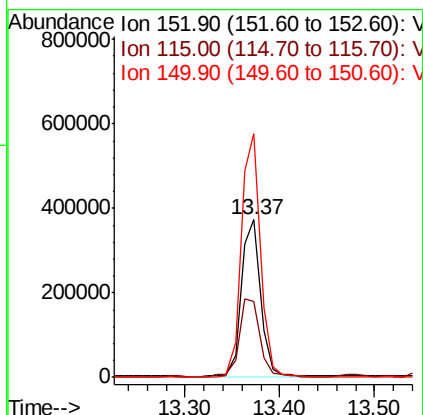
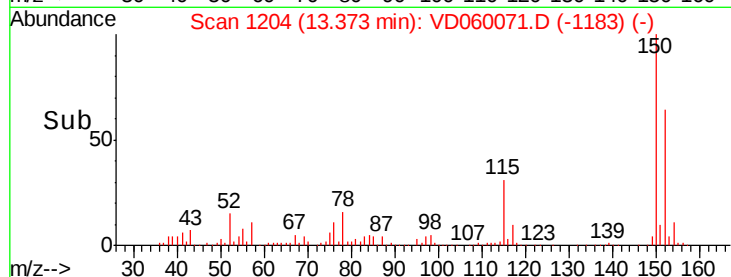
150 154.7 0.0 313.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.722 ug/l

RT: 12.27 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VD060071.D

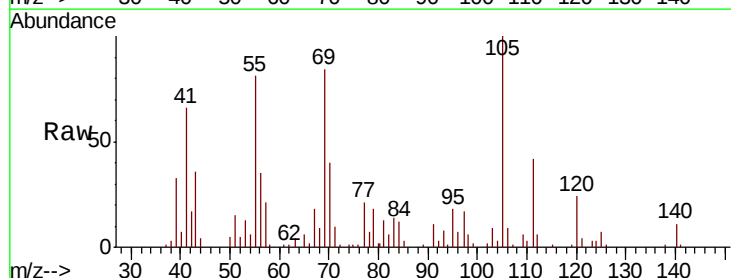
Acq: 21 Sep 2018 15:07

Tgt Ion:105 Resp: 59367

Ion Ratio Lower Upper

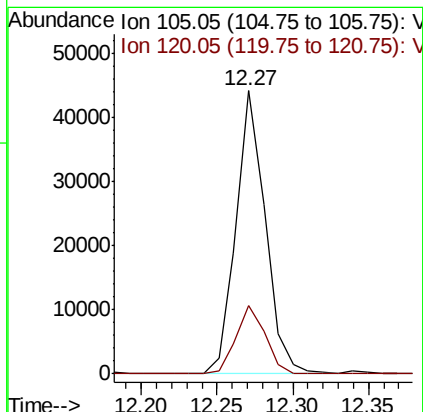
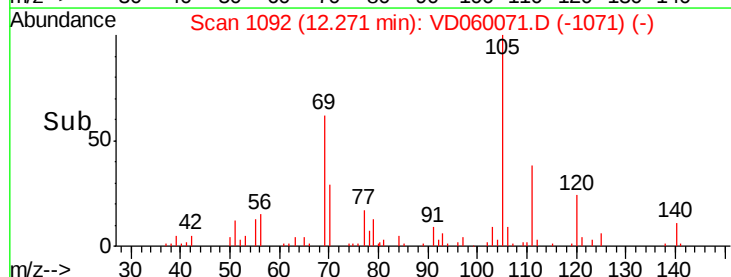
105 100

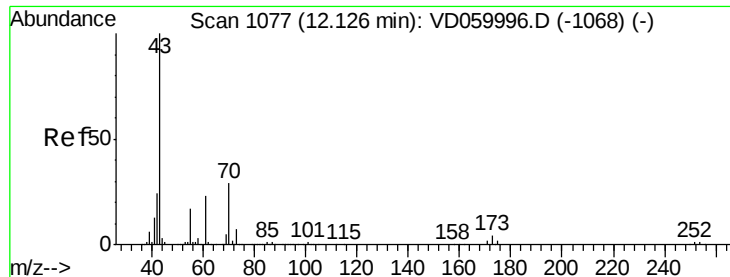
120 24.4 12.3 36.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 13.546 ug/l

RT: 12.08 min Scan# 1073

Delta R.T. -0.04 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

Tot Ion: 43 Resp: 185031

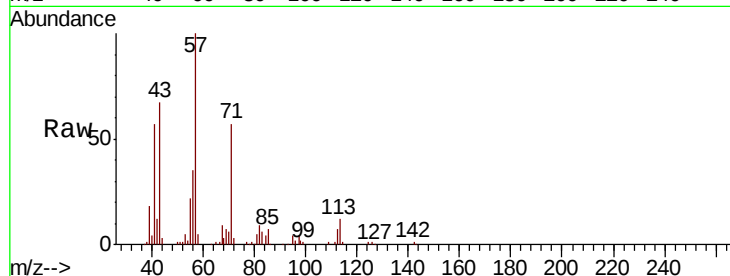
Ion Ratio Lower Upper

43 100

70 9.3 22.9 34.3#

55 32.8 14.0 21.0#

61 0.0 18.7 28.1#

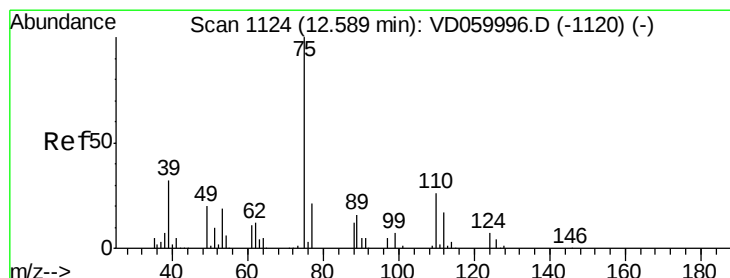
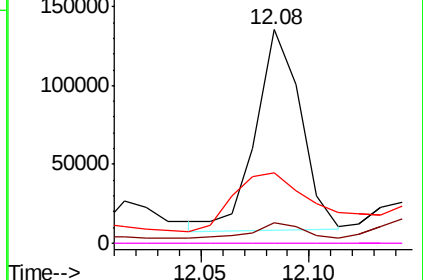
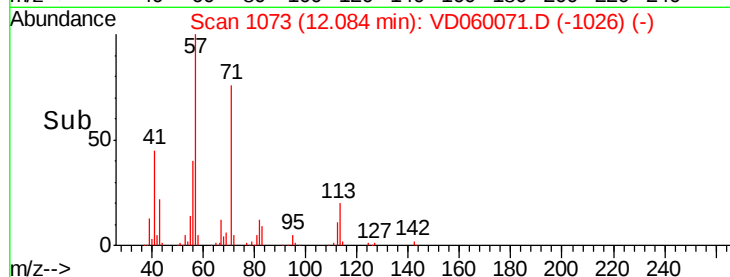


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#76

1,2,3-Trichloropropane

Concen: 18.057 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.17 min

Lab File: VD060071.D

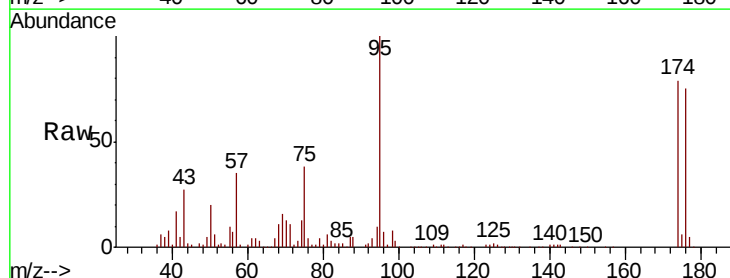
Acq: 21 Sep 2018 15:07

Tgt Ion: 75 Resp: 145011

Ion Ratio Lower Upper

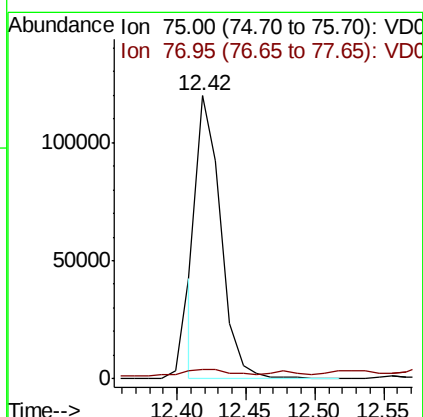
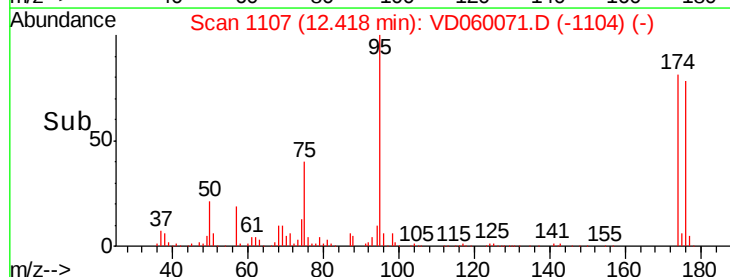
75 100

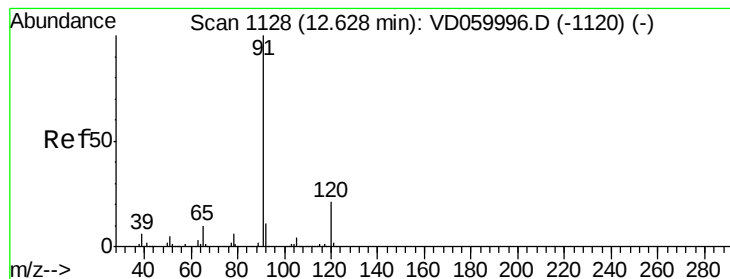
77 3.3 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#78

n-propylbenzene

Concen: 2.076 ug/l

RT: 12.63 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

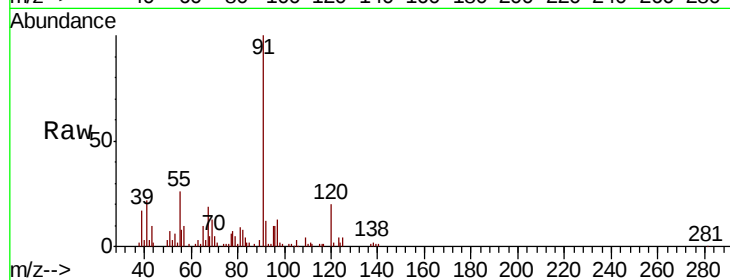
RA-091918-S-EW-059

Tot Ion: 91 Resp: 90008

Ion Ratio Lower Upper

91 100

120 20.3 10.7 31.9



Abundance Ion 91.00 (90.70 to 91.70): VD060071.D (-1120) (-)

Ion 120.05 (119.75 to 120.75): VD060071.D (-1120) (-)

12.63

60000

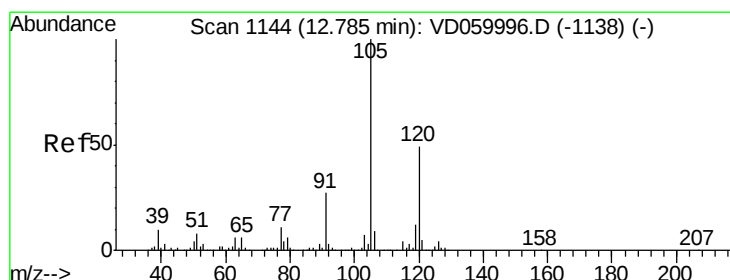
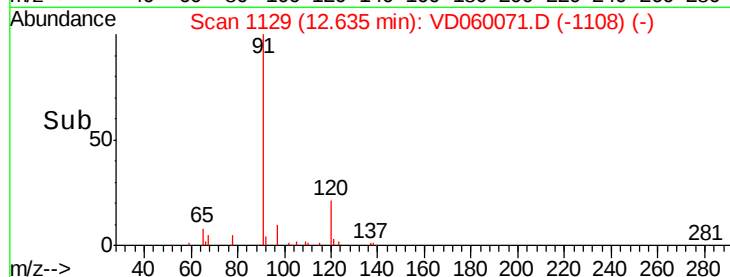
40000

20000

0

Time-->

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 3.574 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VD060071.D

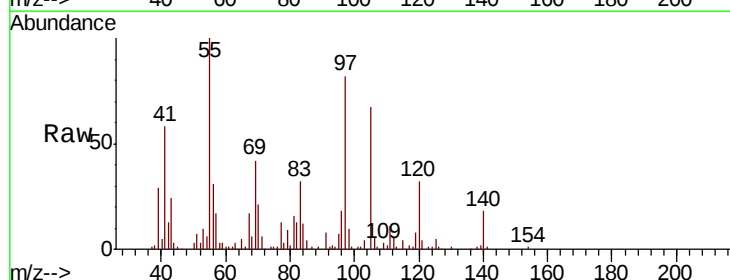
Acq: 21 Sep 2018 15:07

Tgt Ion: 105 Resp: 94458

Ion Ratio Lower Upper

105 100

120 48.0 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): VD060071.D (-1138) (-)

Ion 120.05 (119.75 to 120.75): VD060071.D (-1138) (-)

12.79

80000

60000

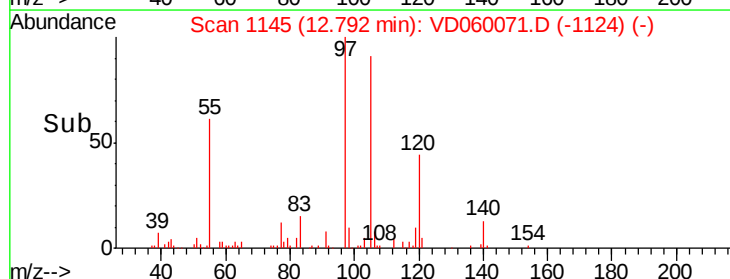
40000

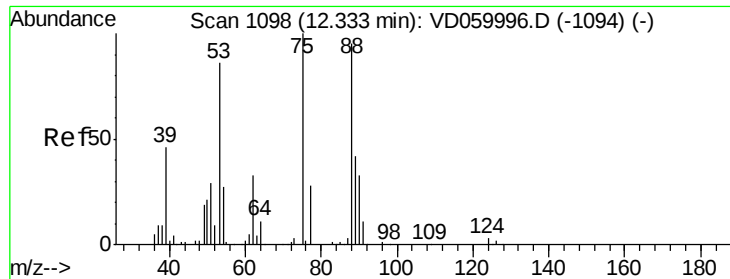
20000

0

Time-->

12.75 12.80 12.85

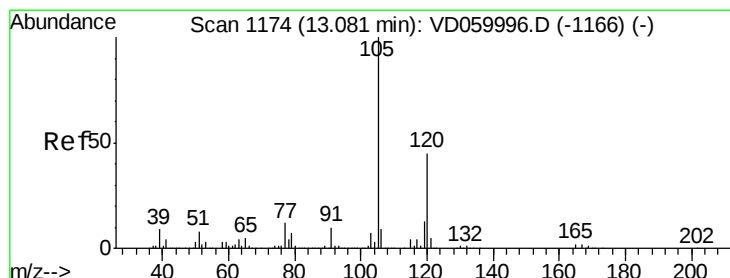
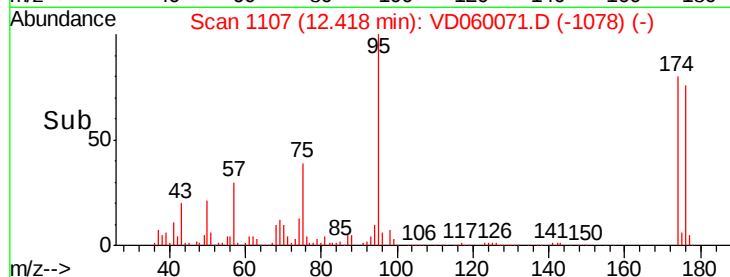
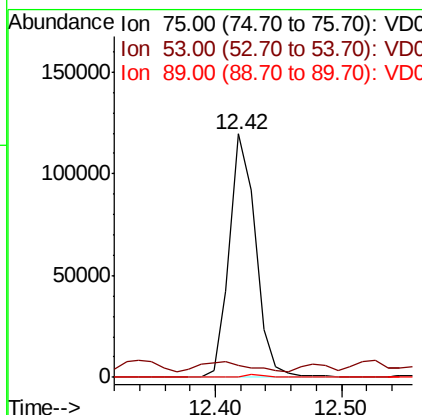
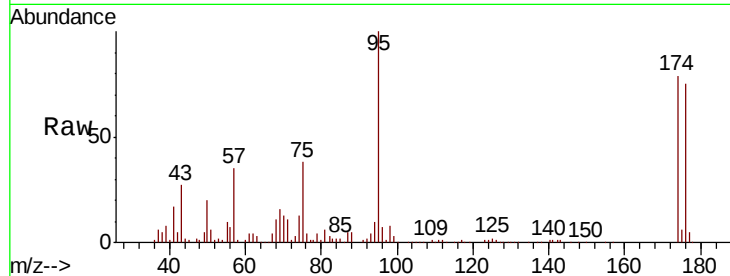




#81
trans-1,4-Dichloro-2-butene
Concen: 70.890 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.09 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

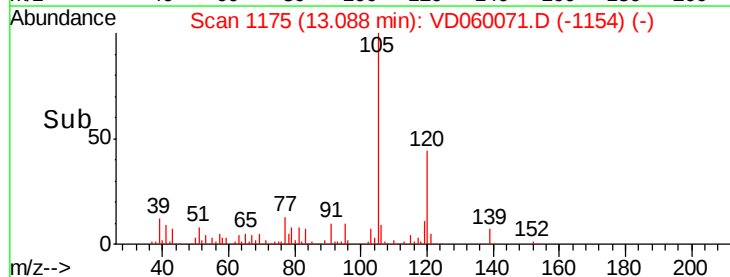
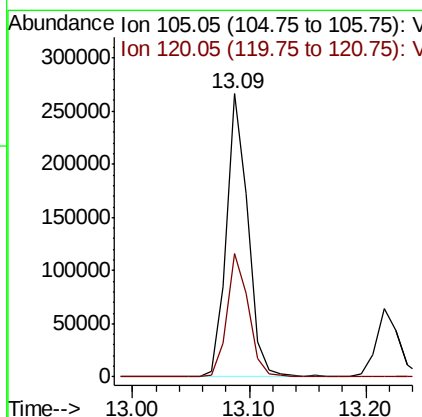
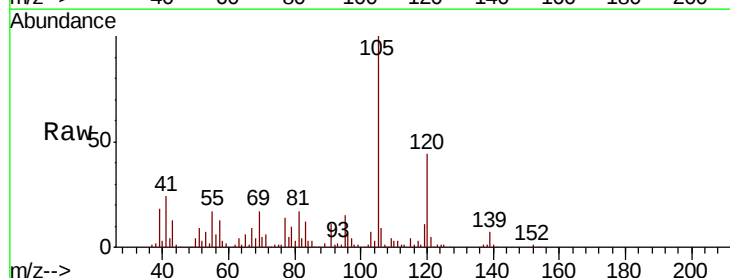
Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

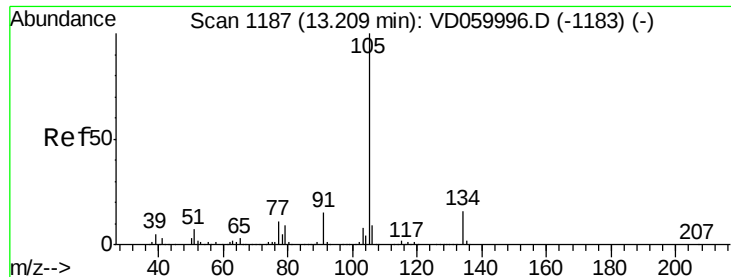
Tot Ion: 75 Resp: 171846
Ion Ratio Lower Upper
75 100
53 5.0 68.4 102.6#
89 0.0 33.8 50.6#



#84
1,2,4-Trimethylbenzene
Concen: 11.957 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Tgt Ion: 105 Resp: 337248
Ion Ratio Lower Upper
105 100
120 43.7 22.4 67.0

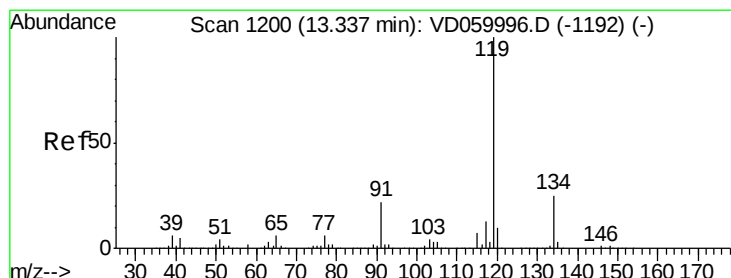
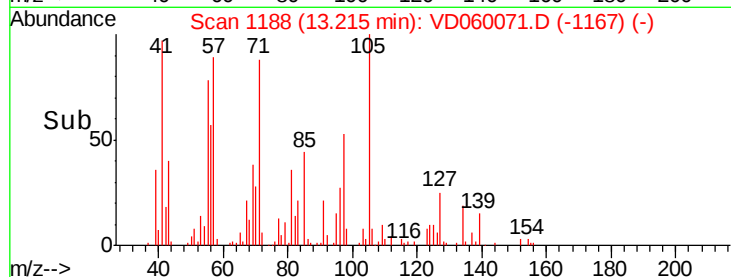
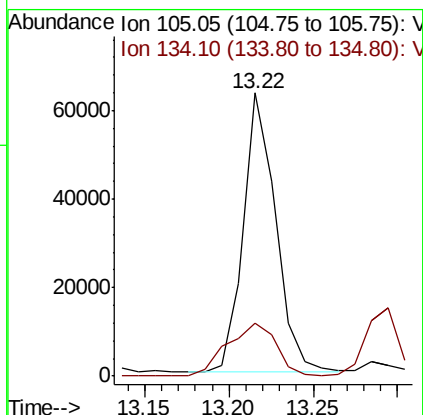
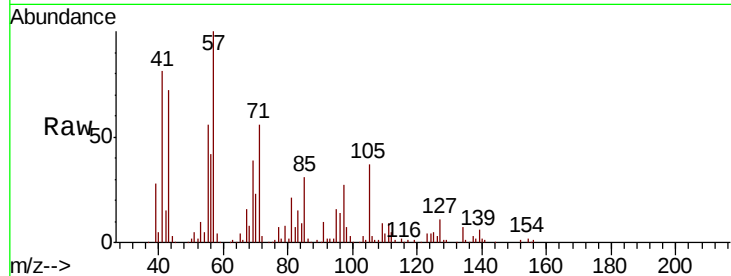




#85
 sec-Butylbenzene
 Concen: 2.313 ug/l
 RT: 13.22 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: VD060071.D
 Acq: 21 Sep 2018 15:07

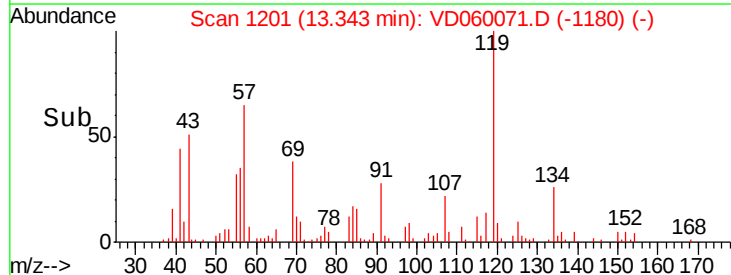
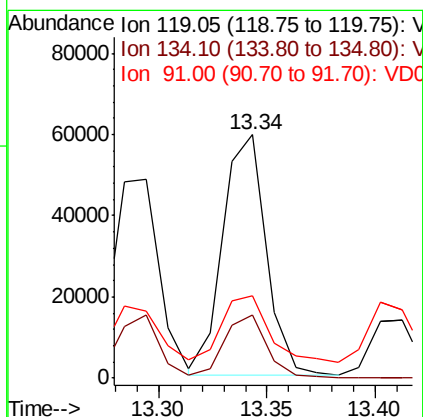
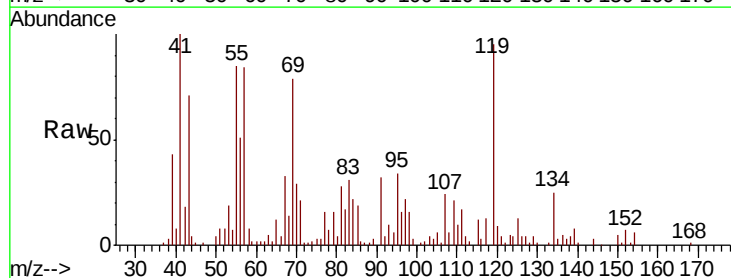
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

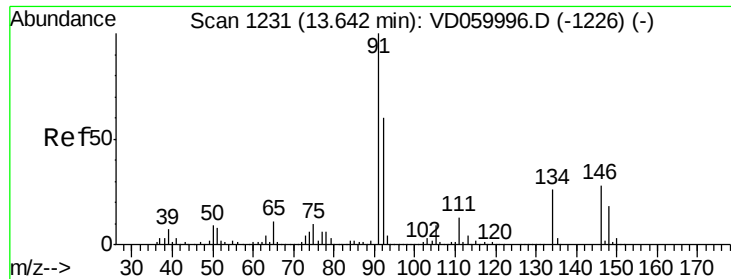
Tot Ion:105 Resp: 84084
 Ion Ratio Lower Upper
 105 100
 134 18.7 8.2 24.6



#86
 p-Isopropyltoluene
 Concen: 2.805 ug/l
 RT: 13.34 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: VD060071.D
 Acq: 21 Sep 2018 15:07

Tgt Ion:119 Resp: 82457
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 34.0 11.1 33.3#

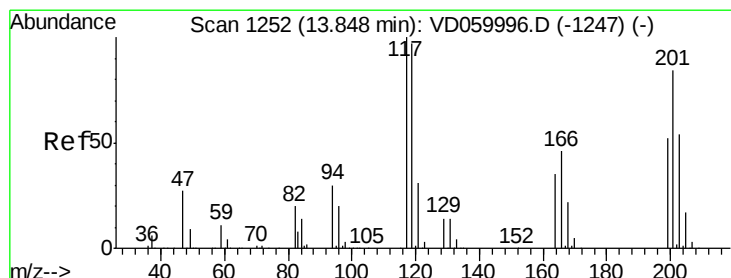
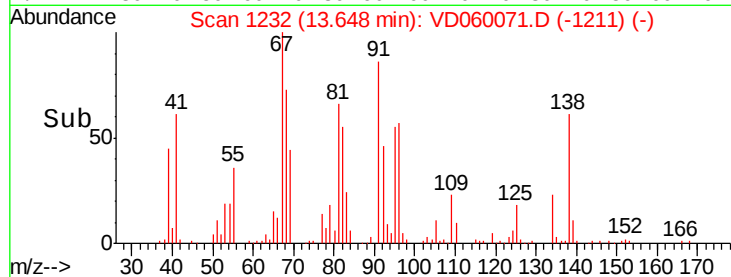
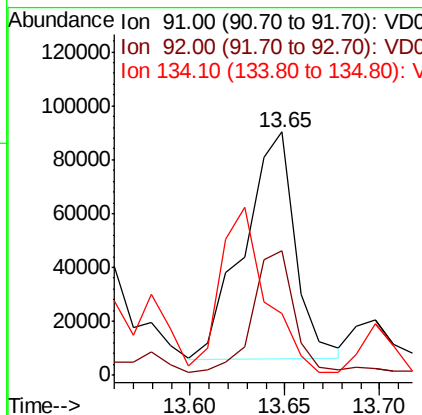
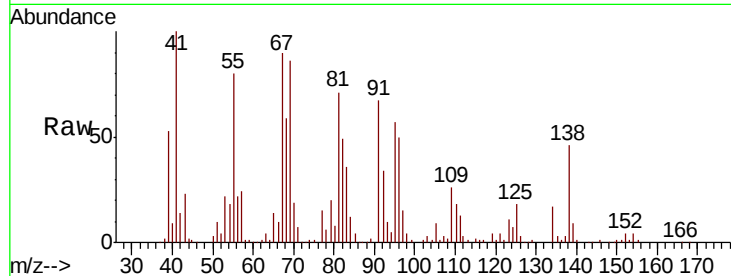




#89
n-Butylbenzene
Concen: 3.195 ug/l
RT: 13.65 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

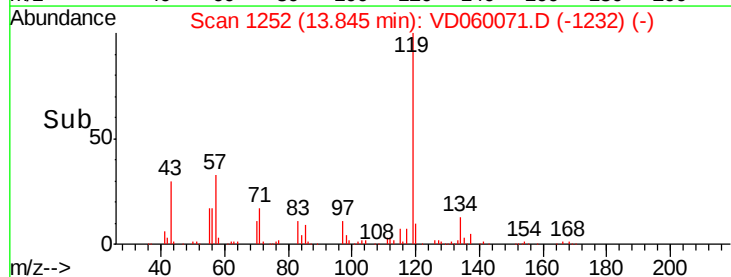
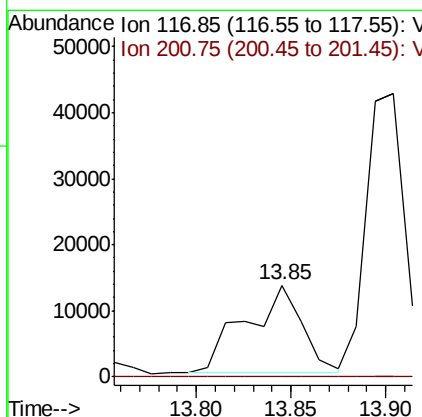
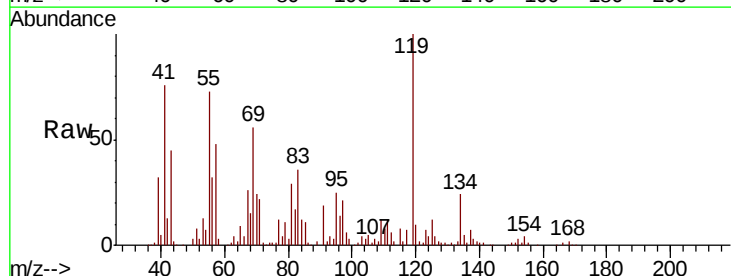
Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

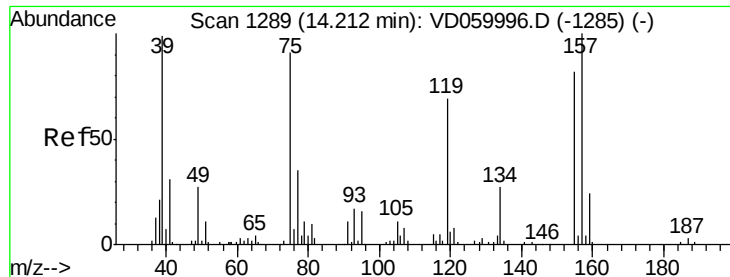
Tot Ion: 91 Resp: 159628
Ion Ratio Lower Upper
91 100
92 51.2 29.8 89.3
134 25.3 13.2 39.6



#90
Hexachloroethane
Concen: 3.810 ug/l
RT: 13.85 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Tgt Ion: 117 Resp: 27744
Ion Ratio Lower Upper
117 100
201 0.0 42.1 126.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.486 ug/l

RT: 14.19 min Scan# 1287

Delta R.T. -0.02 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

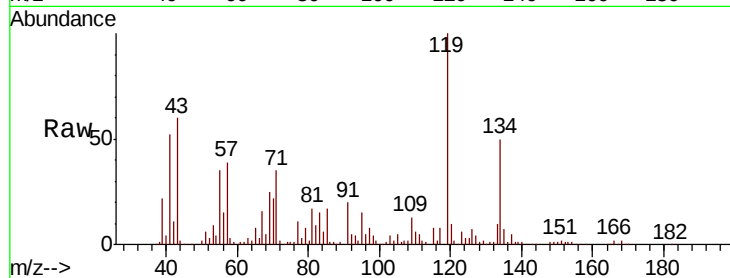
Tot Ion: 75 Resp: 4158

Ion Ratio Lower Upper

75 100

155 42.8 44.7 134.1#

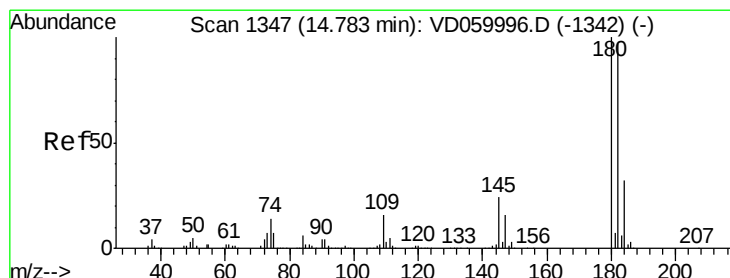
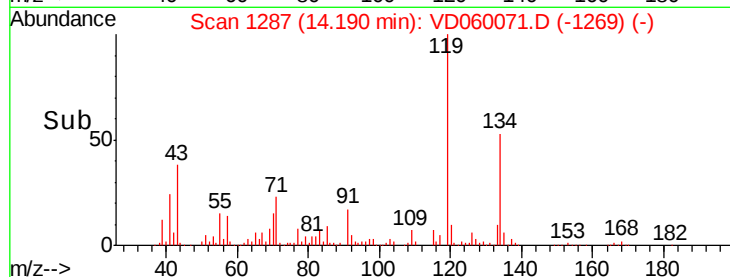
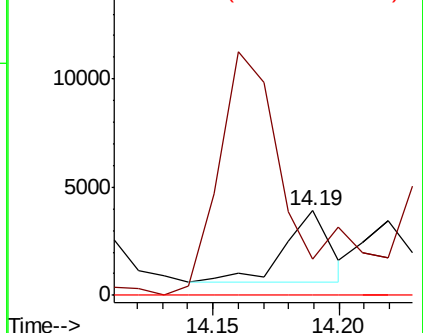
157 0.0 54.7 164.1#



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



#93

1,2,4-Trichlorobenzene

Concen: 2.841 ug/l

RT: 14.82 min Scan# 1351

Delta R.T. 0.04 min

Lab File: VD060071.D

Acq: 21 Sep 2018 15:07

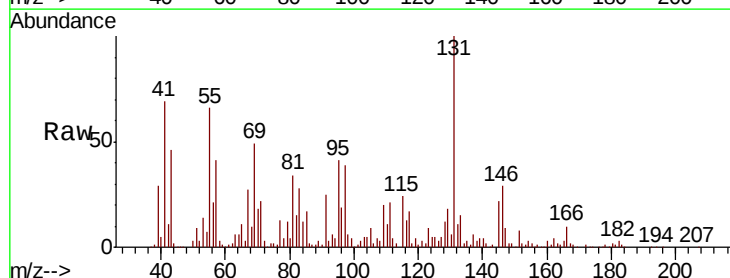
Tgt Ion: 180 Resp: 34977

Ion Ratio Lower Upper

180 100

182 138.3 48.5 145.6

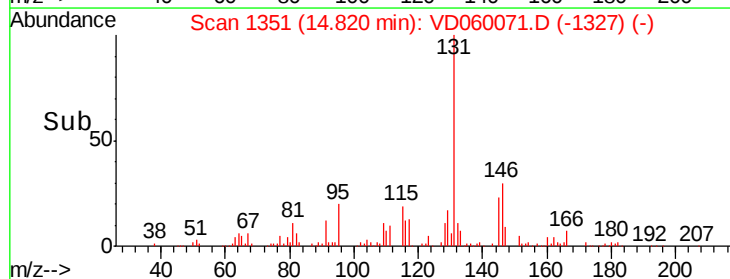
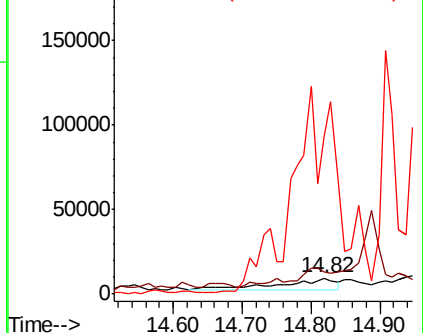
145 996.0 11.9 35.7#

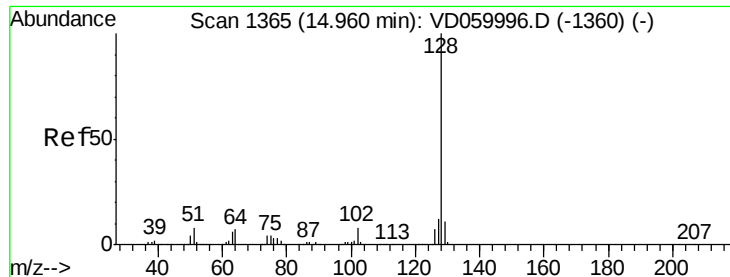


Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

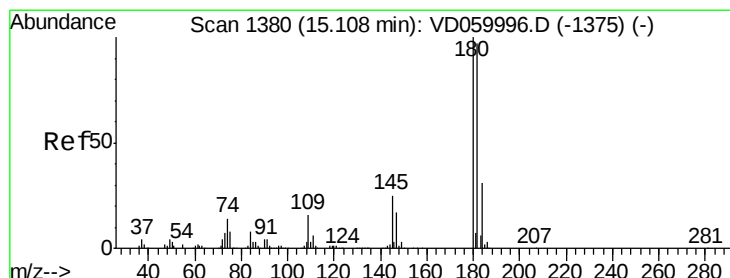
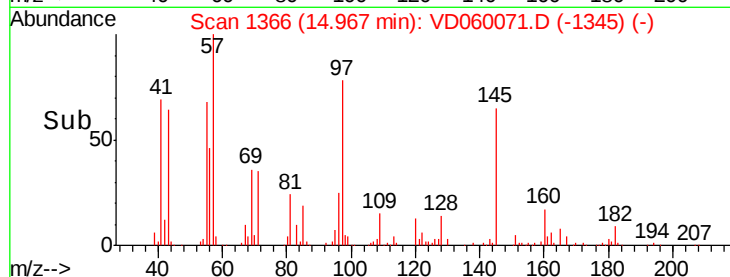
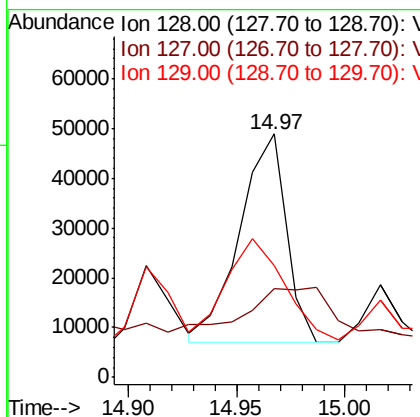
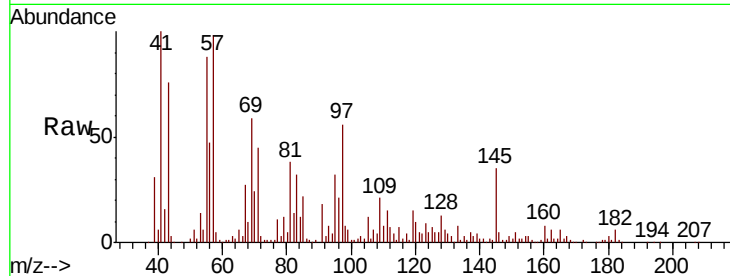




#95
Naphthalene
Concen: 3.312 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

Tot Ion:128 Resp: 62960
Ion Ratio Lower Upper
128 100
127 36.6 9.7 14.5#
129 46.1 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.350 ug/l
RT: 15.10 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD060071.D
Acq: 21 Sep 2018 15:07

Tgt Ion:180 Resp: 25498
Ion Ratio Lower Upper
180 100
182 31.7 48.6 145.9#
145 671.1 12.7 38.1#

