

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
 Data File : VD060545.D
 Acq On : 12 Dec 2018 14:21
 Operator : VA/AP
 Sample : J6189-03
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-121118-B

Quant Time: Dec 13 00:19:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1402972	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2076197	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1519309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	612166	50.00	ug/l	0.00

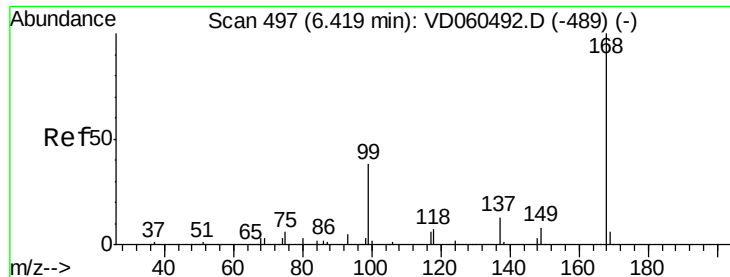
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.78	65	483903	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	6.32	113	667232	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	
50) Toluene-d8	9.45	98	1622405	36.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.52%	
62) 4-Bromofluorobenzene	12.42	95	548918	34.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.60	85	203	Below Cal	#	41
8) Diethyl Ether	2.83	74	5744	2.503	ug/l	93
16) Acetone	3.16	43	41347	25.940	ug/l	95
18) Methyl Acetate	3.56	43	4722	1.246	ug/l #	64
20) Methylene Chloride	3.72	84	207170	10.633	ug/l	95
25) 2-Butanone	5.63	43	4887	1.558	ug/l #	59
29) Tetrahydrofuran	5.95	42	2437	1.372	ug/l #	64
31) Cyclohexane	6.40	56	28032	Below Cal	#	1
36) 1,1-Dichloropropene	6.40	75	98645	4.861	ug/l #	47
38) Carbon Tetrachloride	6.40	117	110510	6.066	ug/l #	15
59) 2-Hexanone	10.43	43	7526	1.593	ug/l #	30
67) Ethyl Benzene	11.42	91	68035	1.241	ug/l	95
68) m/p-Xylenes	11.56	106	184835	9.113	ug/l	92
69) o-Xylene	11.93	106	179434	9.283	ug/l	90
73) Isopropylbenzene	12.27	105	56609	1.307	ug/l	95
74) N-amyl acetate	12.09	43	44435	4.244	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.58	83	14494	2.090	ug/l #	57
76) 1,2,3-Trichloropropane	12.71	75	7579	1.093	ug/l #	1
78) n-propylbenzene	12.63	91	224032	4.091	ug/l	96
79) 2-Chlorotoluene	12.71	91	157671	5.306	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.79	105	672301	20.311	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.42	75	218609	113.003	ug/l #	15
82) 4-Chlorotoluene	12.79	91	68574	2.055	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.09	105	1920402	56.031	ug/l	99
85) sec-Butylbenzene	13.22	105	159881	3.456	ug/l	94
86) p-Isopropyltoluene	13.34	119	136933	3.734	ug/l	98
89) n-Butylbenzene	13.64	91	373787	8.705	ug/l	94
90) Hexachloroethane	13.85	117	82378	8.960	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.21	75	4150	4.939	ug/l #	2
95) Naphthalene	14.96	128	155828	9.945	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.02 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

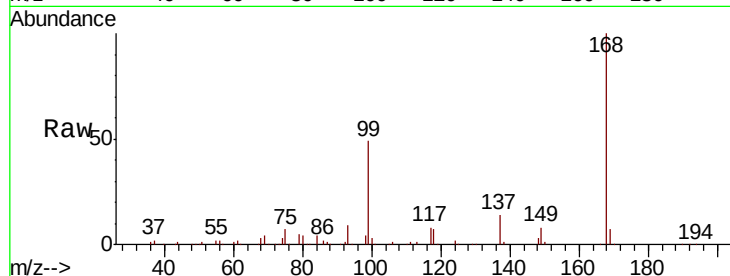
HR-05-121118-B

Tot Ion:168 Resp: 1402972

Ion Ratio Lower Upper

168 100

99 49.3 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

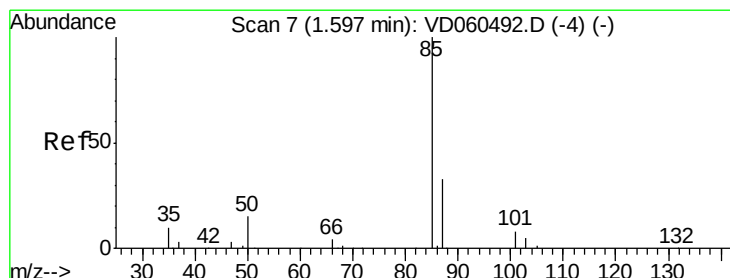
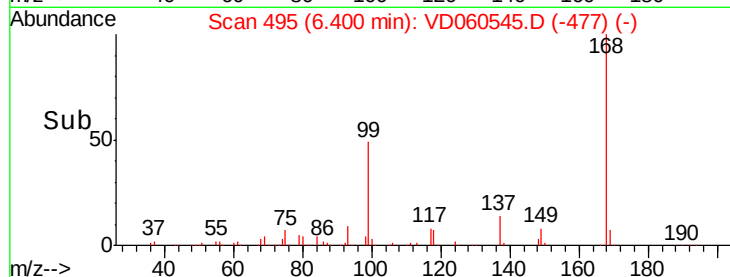
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 7

Delta R.T. 0.00 min

Lab File: VD060545.D

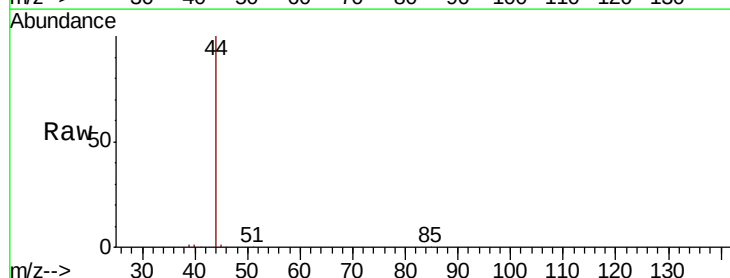
Acq: 12 Dec 2018 14:21

Tgt Ion: 85 Resp: 203

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.60

400

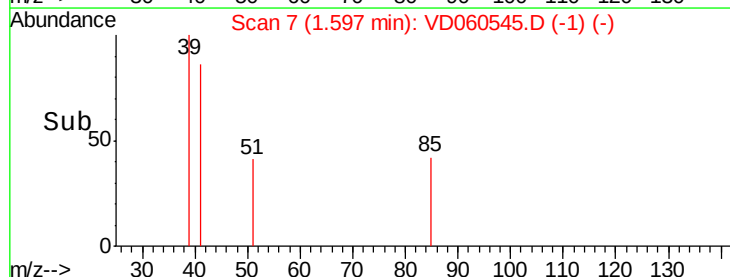
300

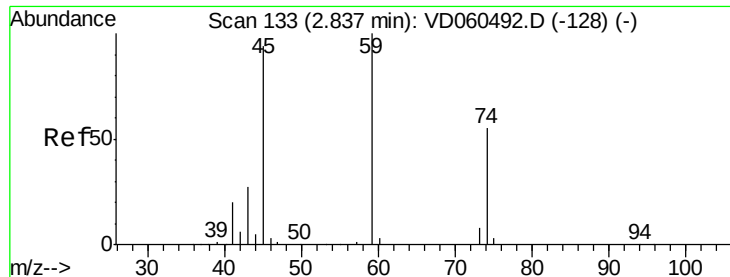
200

100

0

Time-->





#8

Diethyl Ether

Concen: 2.503 ug/l

RT: 2.83 min Scan# 132

Delta R.T. -0.01 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

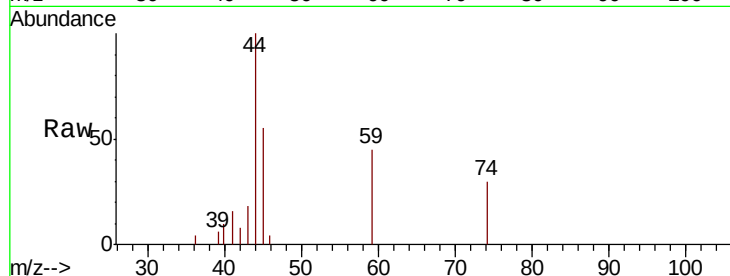
HR-05-121118-B

Tot Ion: 74 Resp: 5744

Ion Ratio Lower Upper

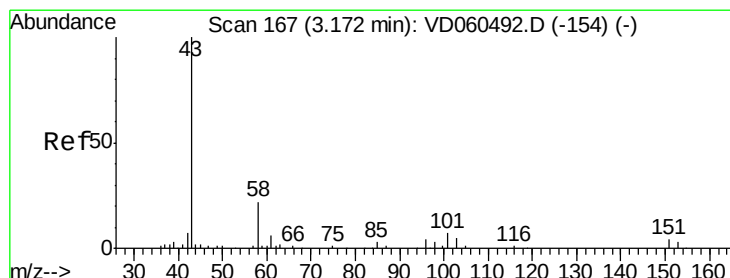
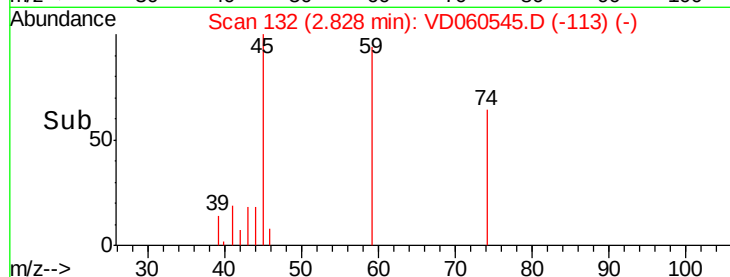
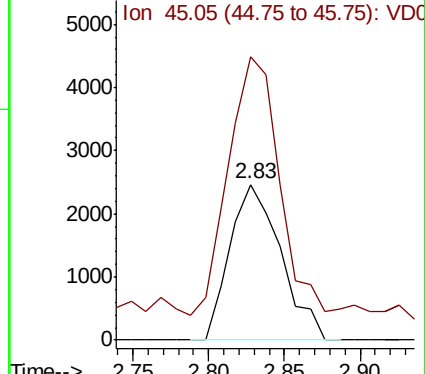
74 100

45 182.1 86.0 258.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#16

Acetone

Concen: 25.940 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060545.D

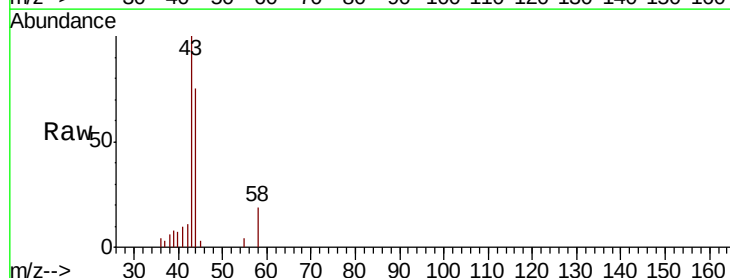
Acq: 12 Dec 2018 14:21

Tgt Ion: 43 Resp: 41347

Ion Ratio Lower Upper

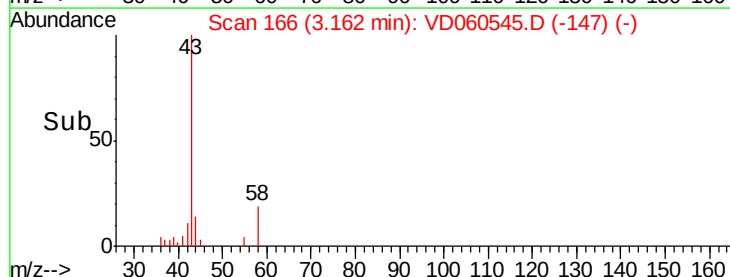
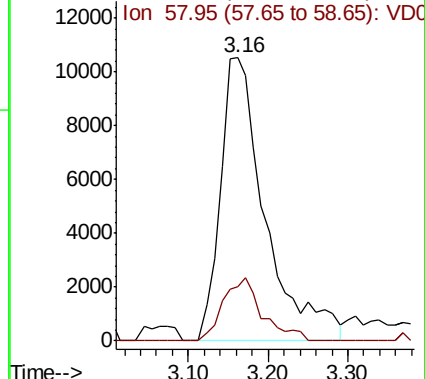
43 100

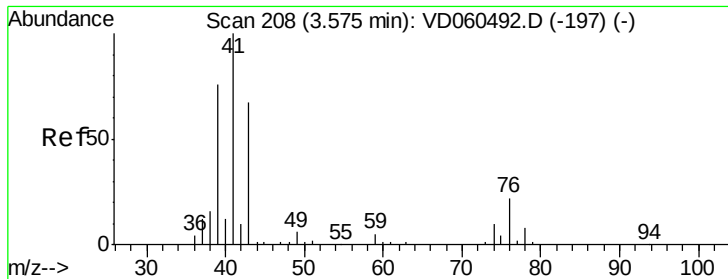
58 19.4 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

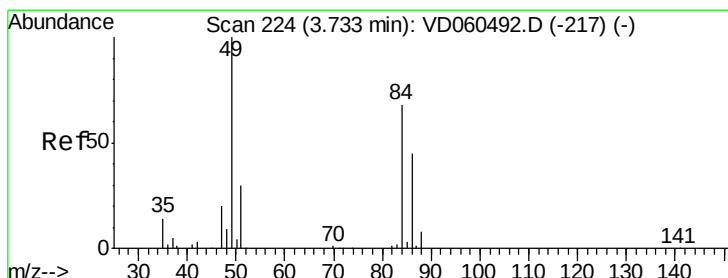
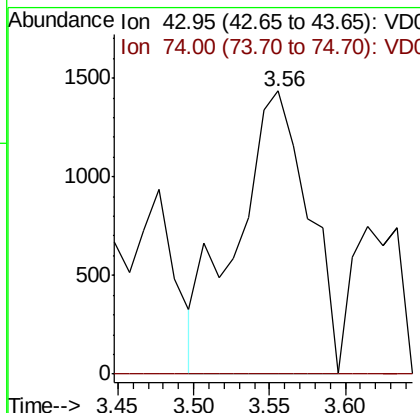
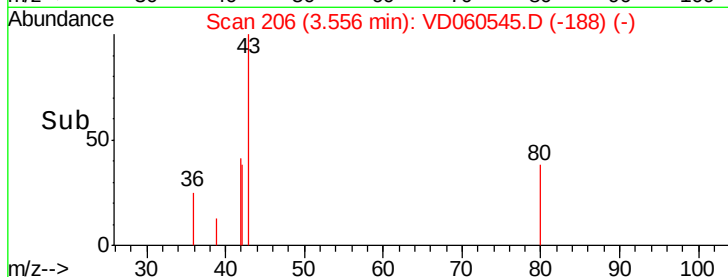
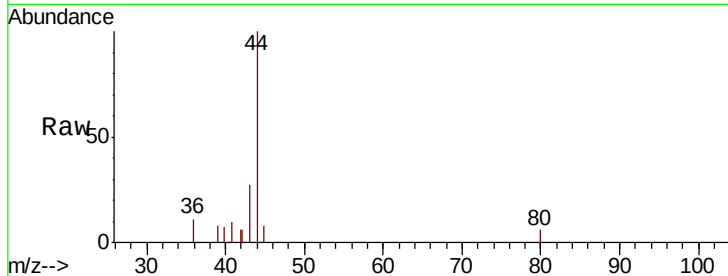




#18
Methyl Acetate
Concen: 1.246 ug/l
RT: 3.56 min Scan# 206
Delta R.T. -0.02 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

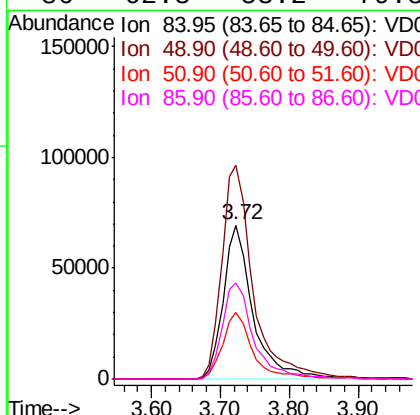
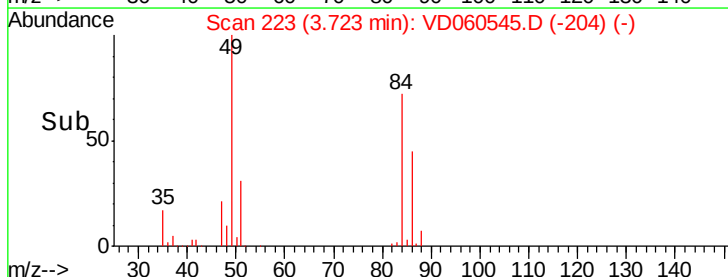
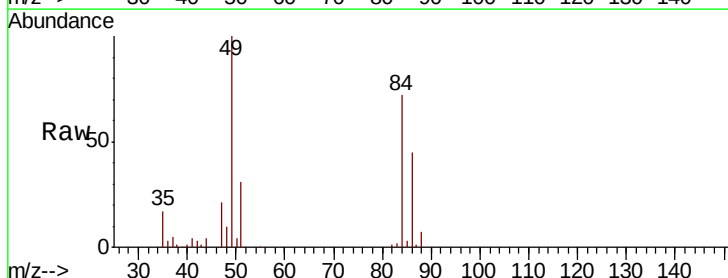
Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-B

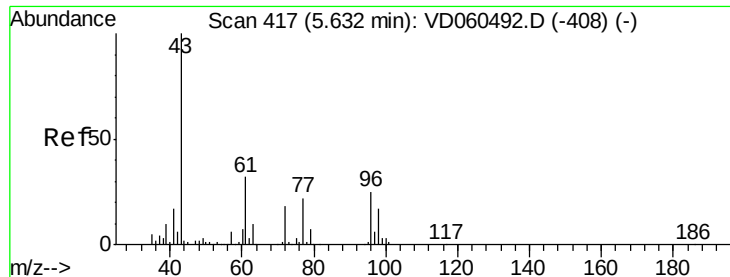
Tot Ion: 43 Resp: 4722
Ion Ratio Lower Upper
43 100
74 0.0 12.0 18.0#



#20
Methylene Chloride
Concen: 10.633 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion: 84 Resp: 207170
Ion Ratio Lower Upper
84 100
49 138.7 117.2 175.8
51 43.0 35.3 52.9
86 62.3 53.2 79.8





#25

2-Butanone

Concen: 1.558 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.00 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

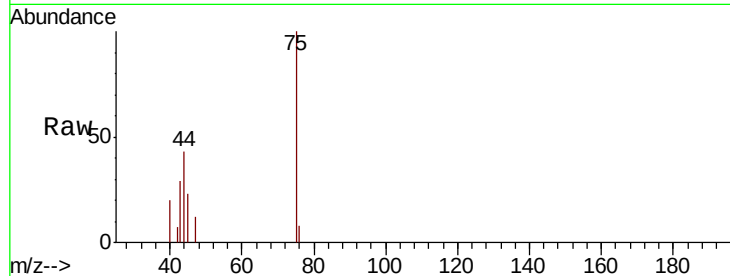
HR-05-121118-B

Tot Ion: 43 Resp: 4887

Ion Ratio Lower Upper

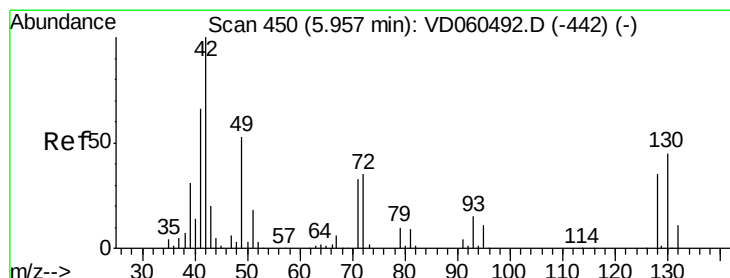
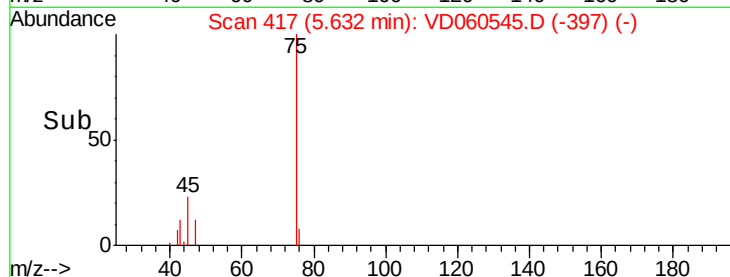
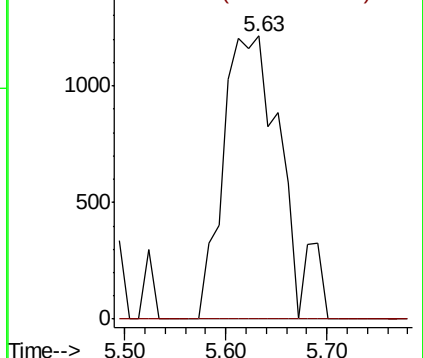
43 100

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: 1.372 ug/l

RT: 5.95 min Scan# 449

Delta R.T. -0.01 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

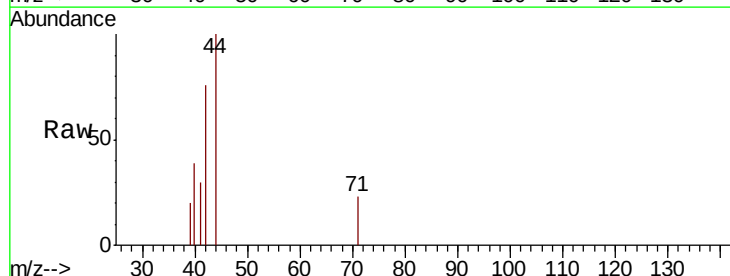
Tgt Ion: 42 Resp: 2437

Ion Ratio Lower Upper

42 100

72 10.9 28.0 42.0#

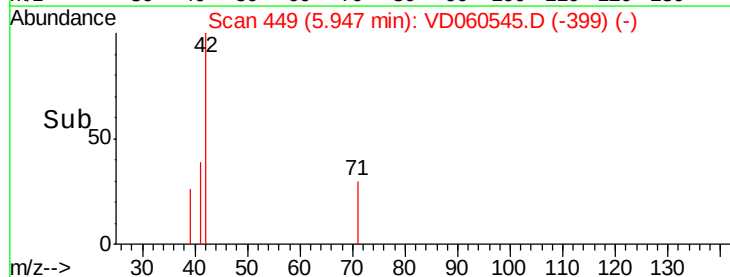
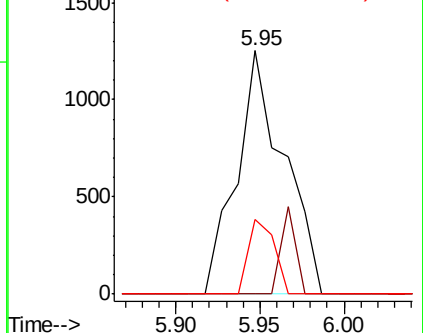
71 16.6 27.2 40.8#

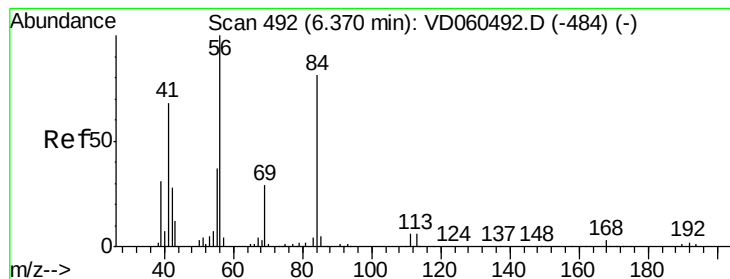


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#31

Cyclohexane

Concen: Below Cal

RT: 6.40 min Scan# 495

Delta R.T. 0.03 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

HR-05-121118-B

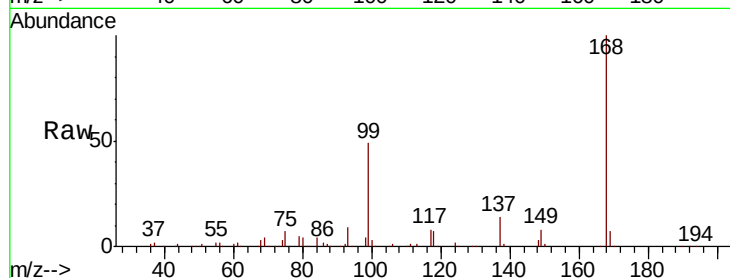
Tot Ion: 56 Resp: 28032

Ion Ratio Lower Upper

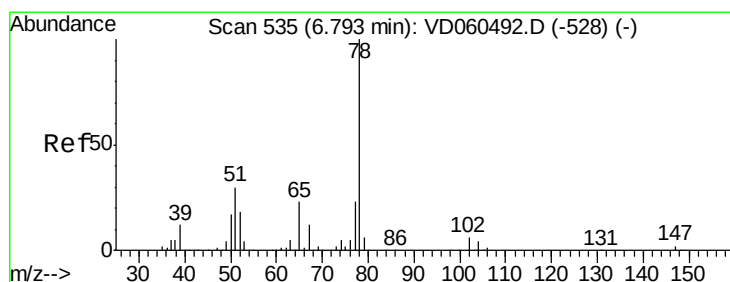
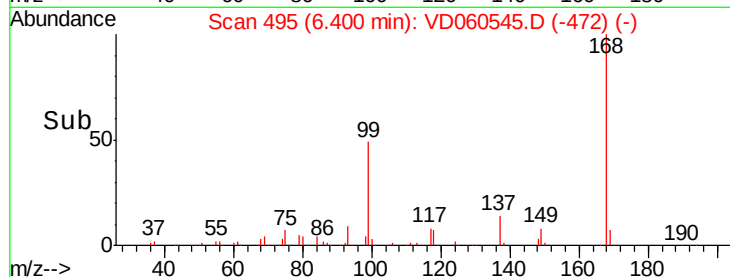
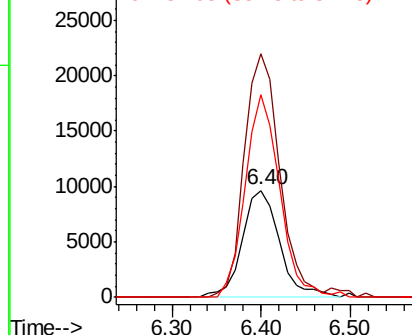
56 100

69 227.2 22.8 34.2#

84 189.1 65.1 97.7#



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. -0.01 min

Lab File: VD060545.D

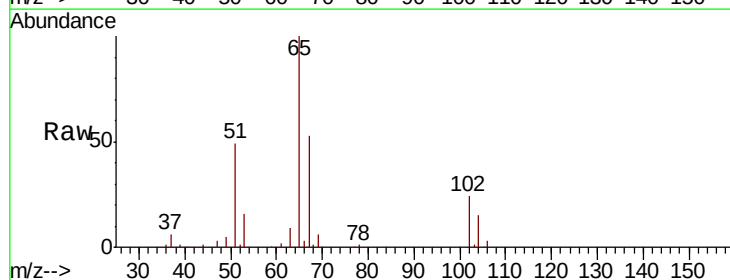
Acq: 12 Dec 2018 14:21

Tgt Ion: 65 Resp: 483903

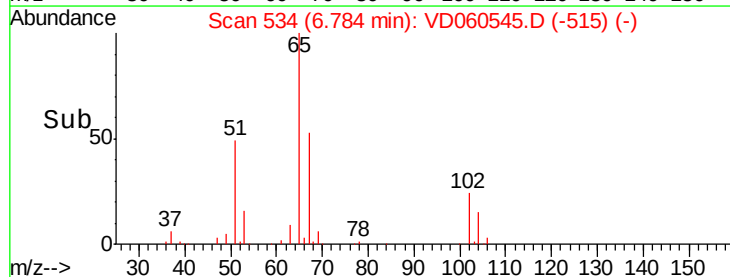
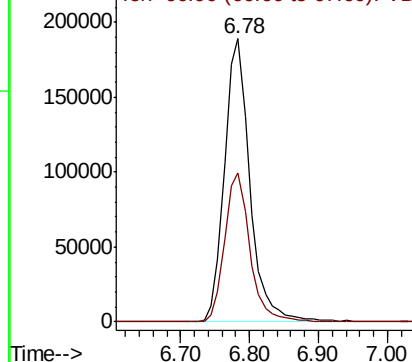
Ion Ratio Lower Upper

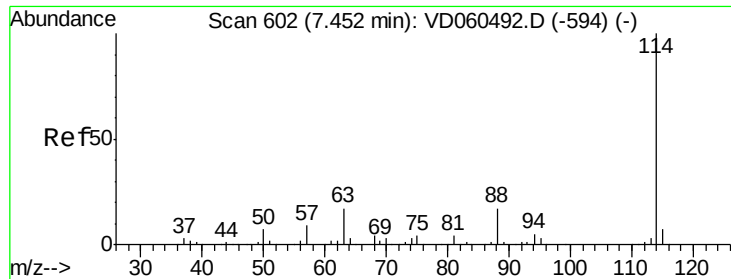
65 100

67 52.8 0.0 106.8



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

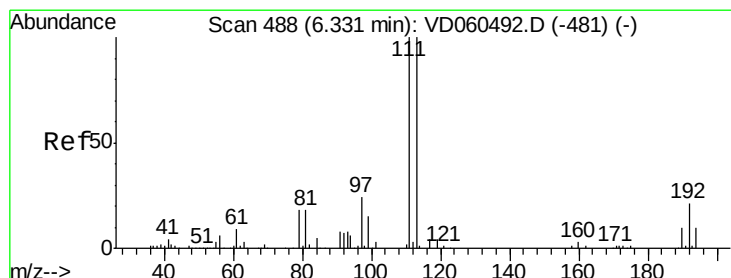
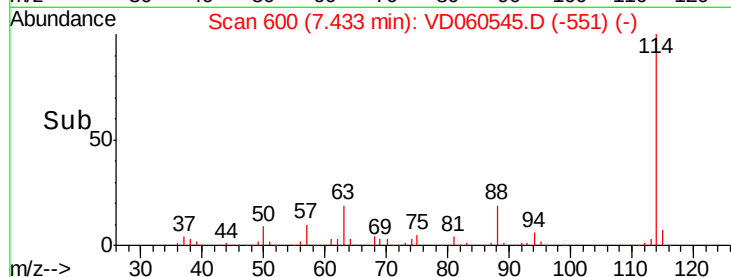
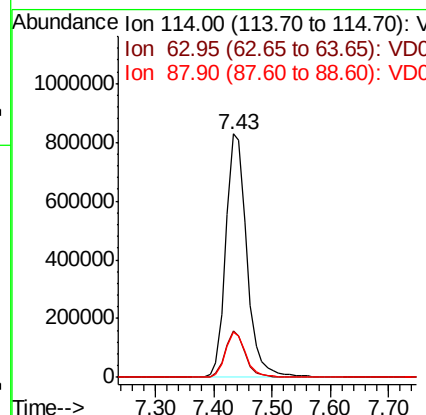
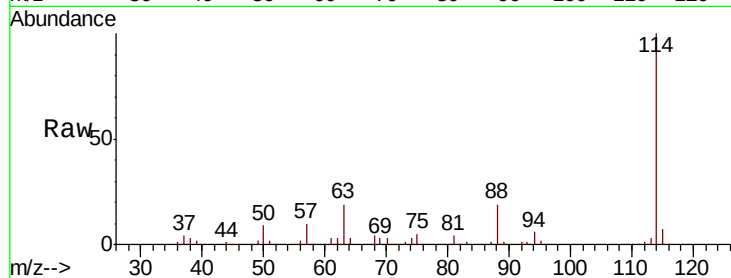




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: VD060545.D
 Acq: 12 Dec 2018 14:21

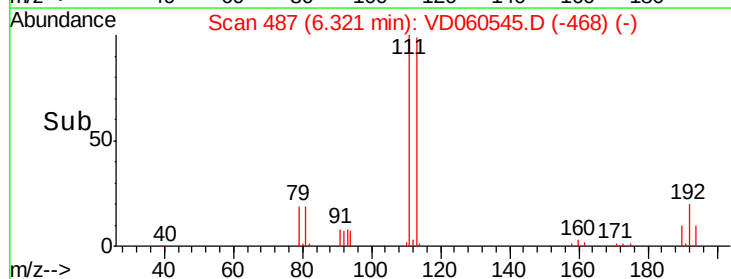
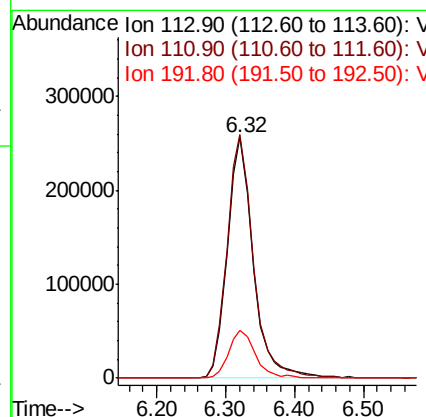
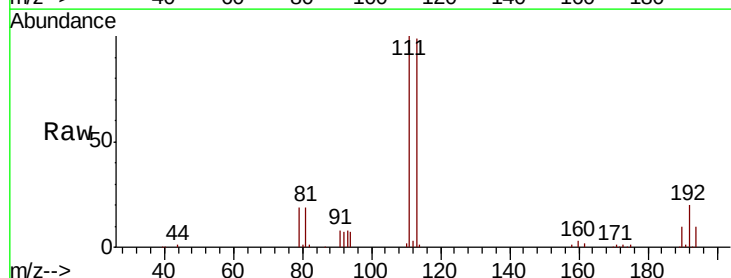
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 HR-05-121118-B

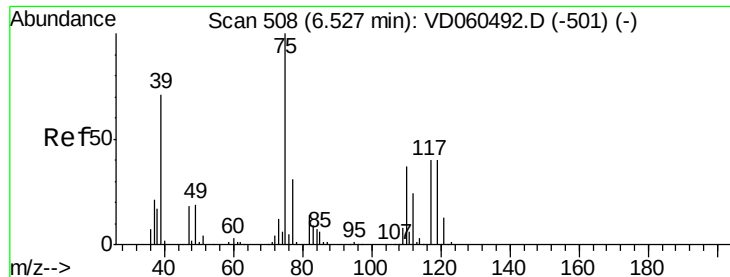
Tot Ion:114 Resp: 2076197
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.2
 88 18.7 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: VD060545.D
 Acq: 12 Dec 2018 14:21

Tgt Ion:113 Resp: 667232
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.2 120.4
 192 20.0 16.6 24.8

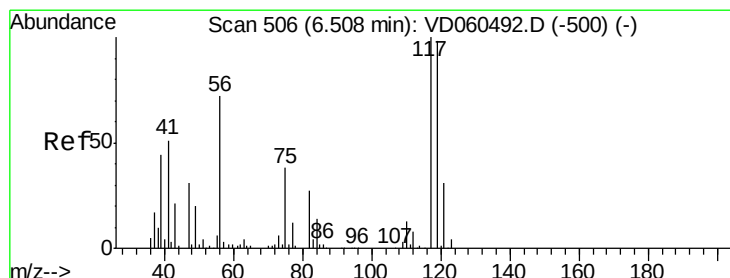
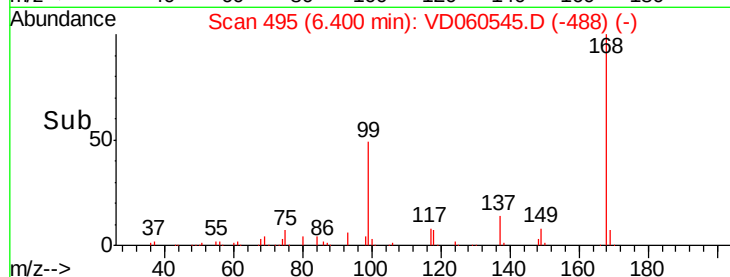
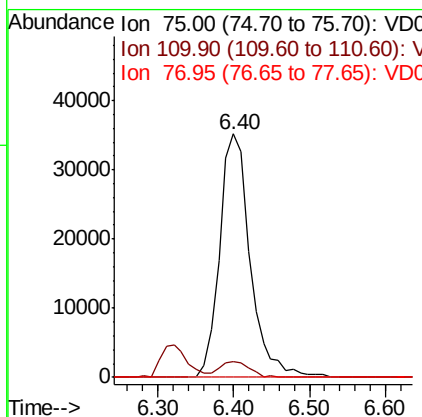
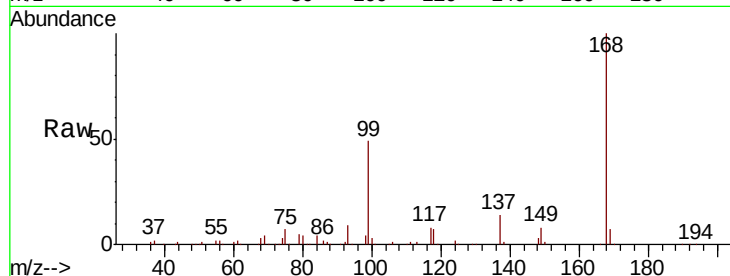




#36
 1,1-Dichloropropene
 Concen: 4.861 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.13 min
 Lab File: VD060545.D
 Acq: 12 Dec 2018 14:21

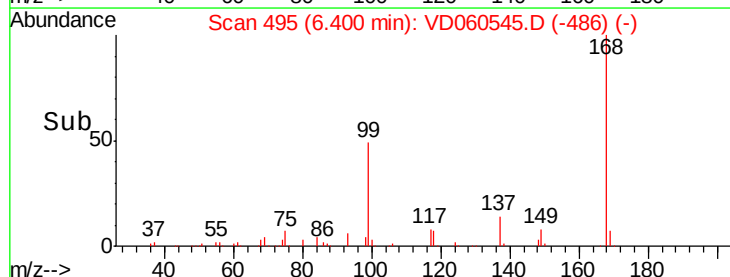
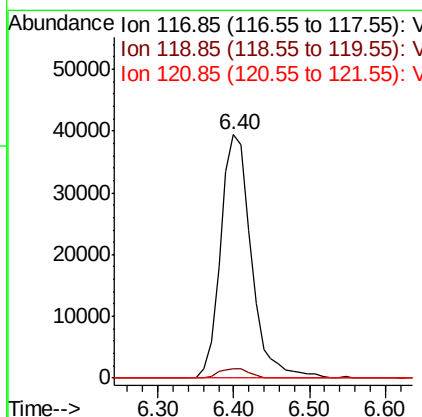
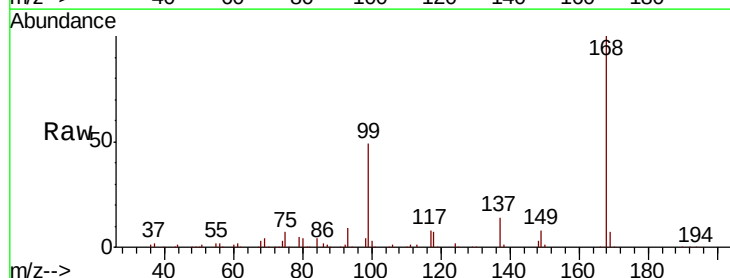
Instrument :
 MSVOA_D
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 HR-05-121118-B

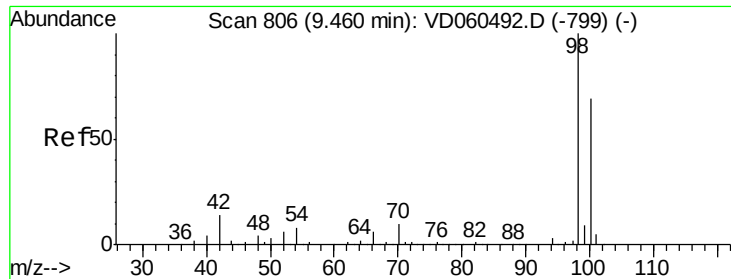
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.5	18.3	54.8#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.066 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.11 min
 Lab File: VD060545.D
 Acq: 12 Dec 2018 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.8	115.2#
121	0.0	24.4	36.6#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. -0.01 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

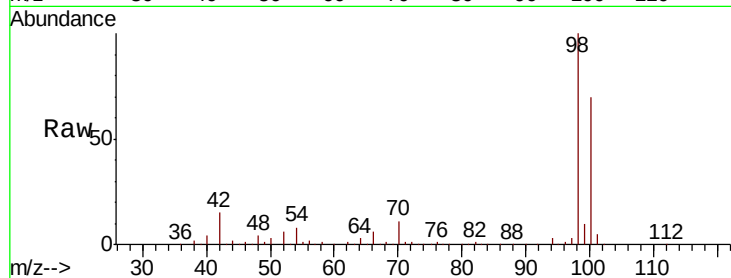
HR-05-121118-B

Tot Ion: 98 Resp: 1622405

Ion Ratio Lower Upper

98 100

100 70.0 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

800000

600000

400000

200000

0

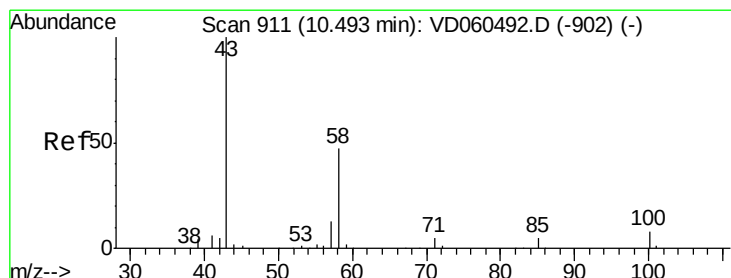
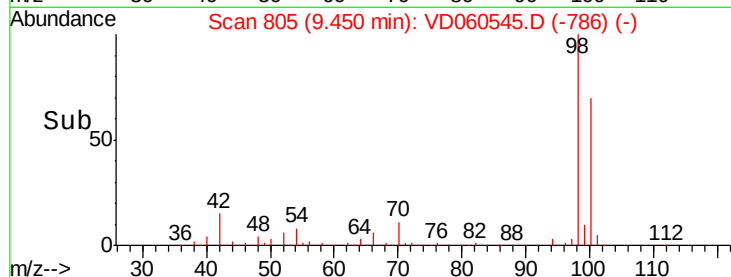
9.45

9.40

9.50

9.60

Time-->



#59

2-Hexanone

Concen: 1.593 ug/l

RT: 10.43 min Scan# 905

Delta R.T. -0.06 min

Lab File: VD060545.D

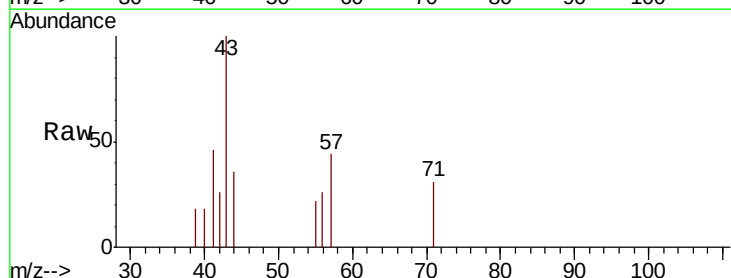
Acq: 12 Dec 2018 14:21

Tgt Ion: 43 Resp: 7526

Ion Ratio Lower Upper

43 100

58 0.0 23.4 70.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

4000

3000

2000

1000

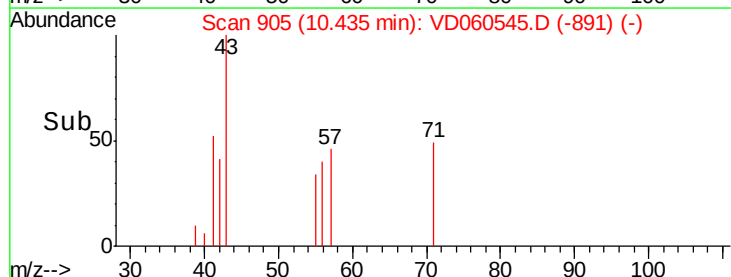
0

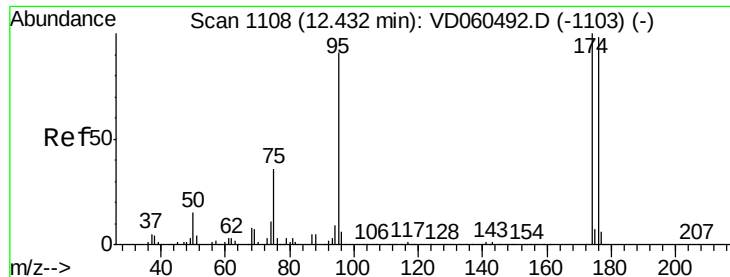
10.43

10.40

10.50

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

HR-05-121118-B

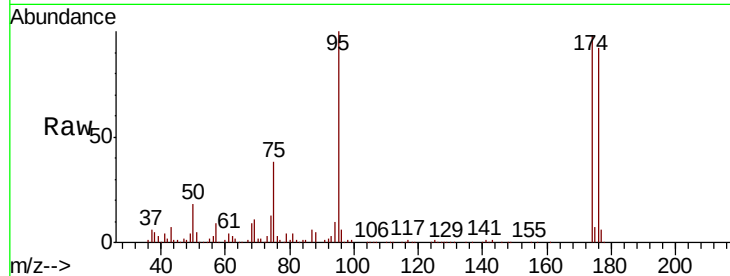
Tot Ion: 95 Resp: 548918

Ion Ratio Lower Upper

95 100

174 97.6 0.0 219.4

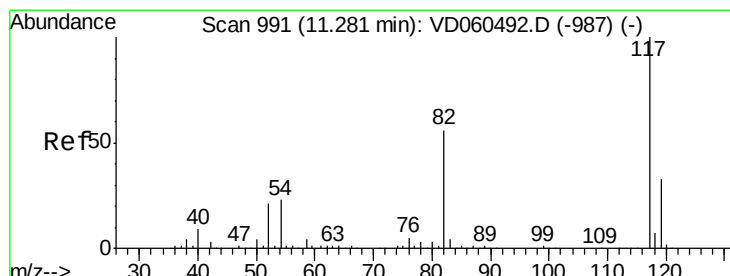
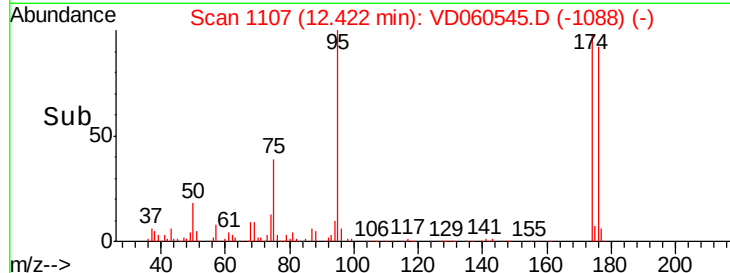
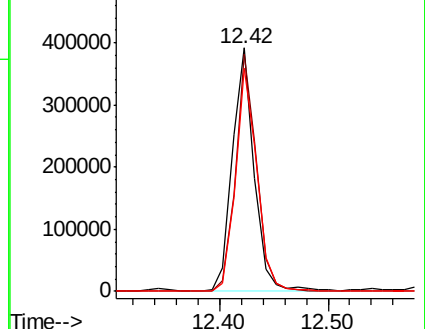
176 91.7 0.0 214.6



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. 0.00 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

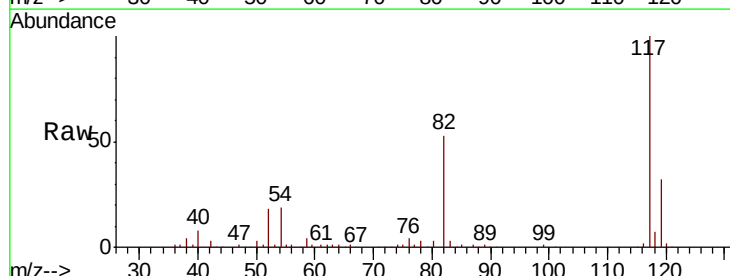
Tgt Ion: 117 Resp: 1519309

Ion Ratio Lower Upper

117 100

82 52.5 45.2 67.8

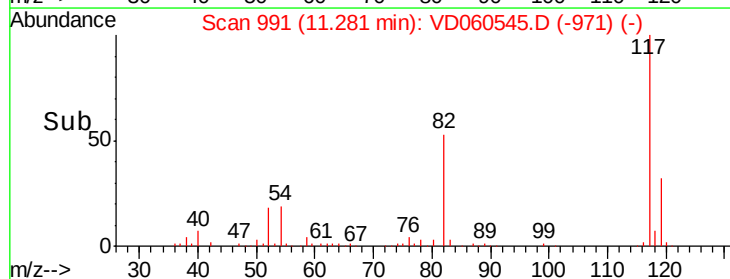
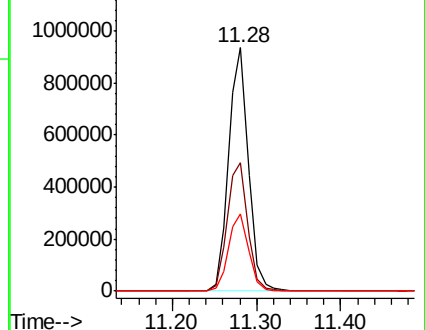
119 31.8 26.1 39.1

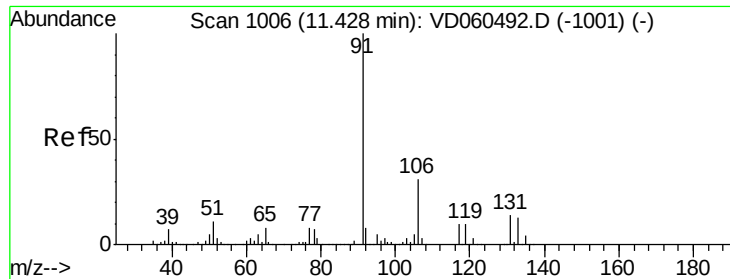


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

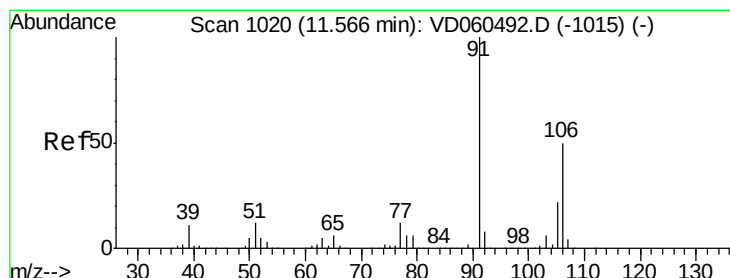
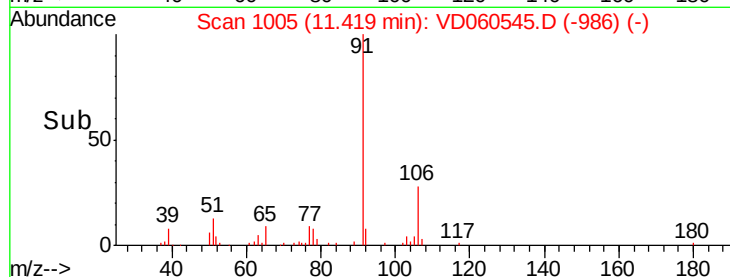
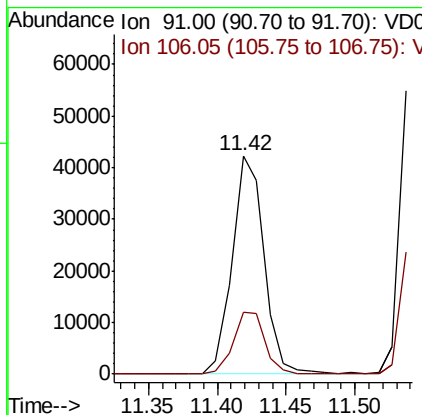
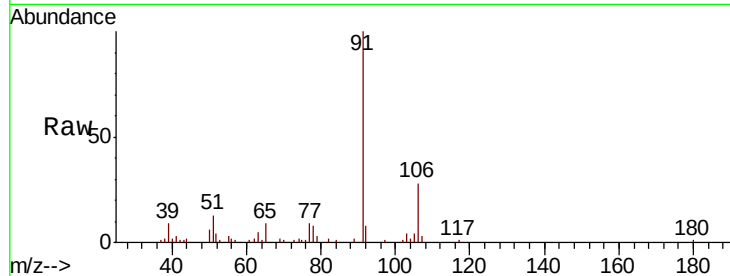




#67
Ethyl Benzene
Concen: 1.241 ug/l
RT: 11.42 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

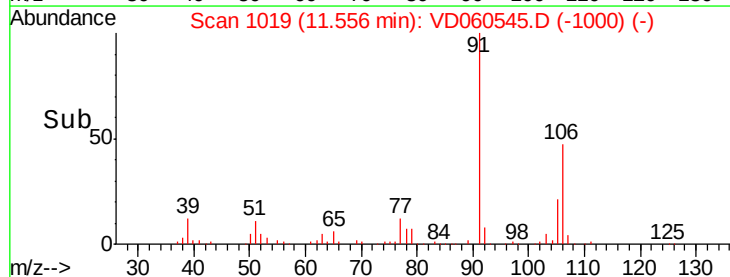
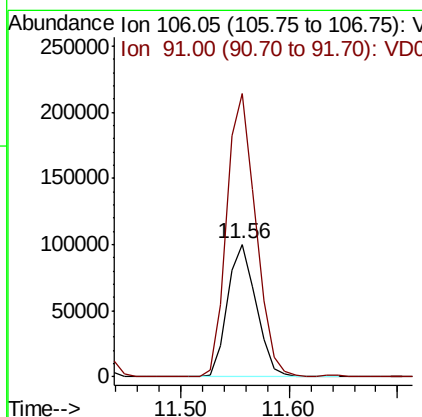
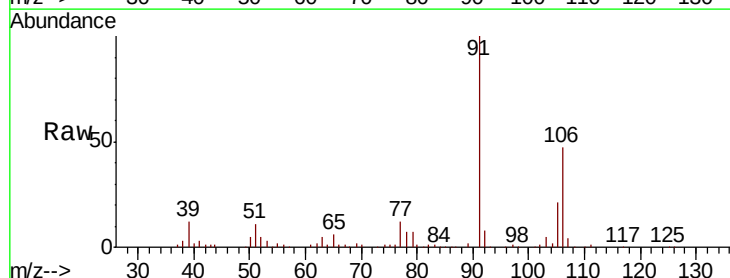
Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-B

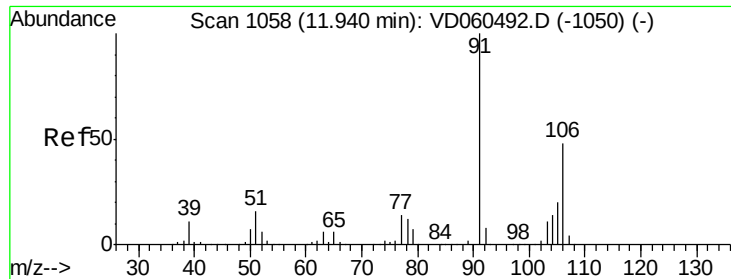
Tot Ion: 91 Resp: 68035
Ion Ratio Lower Upper
91 100
106 28.1 24.6 37.0



#68
m/p-Xylenes
Concen: 9.113 ug/l
RT: 11.56 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion: 106 Resp: 184835
Ion Ratio Lower Upper
106 100
91 213.1 160.5 240.7

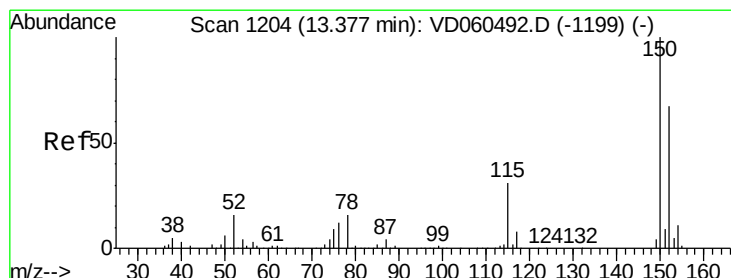
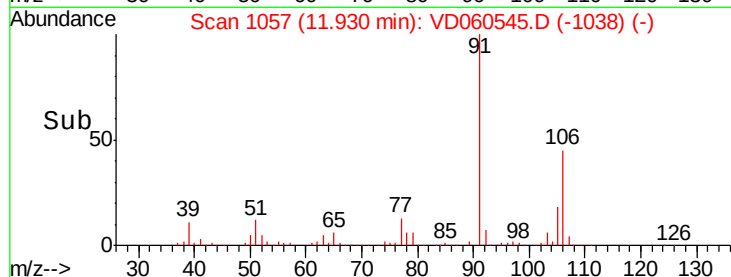
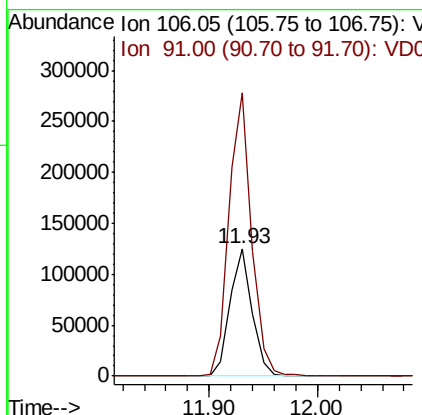
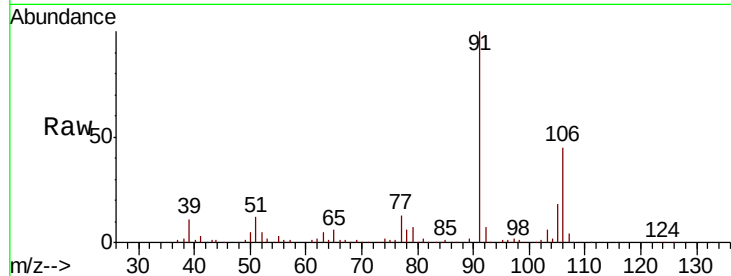




#69
o-Xylene
Concen: 9.283 ug/l
RT: 11.93 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

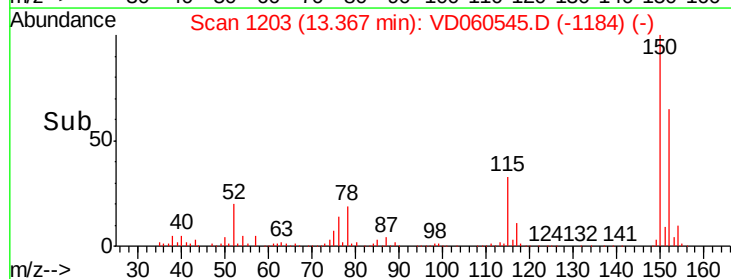
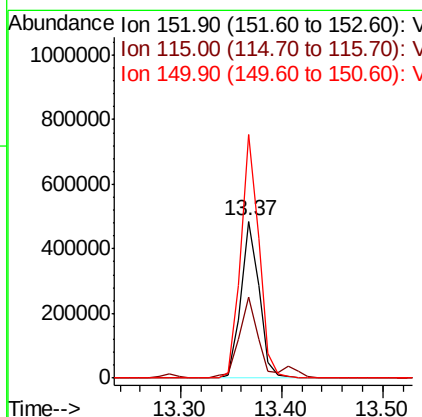
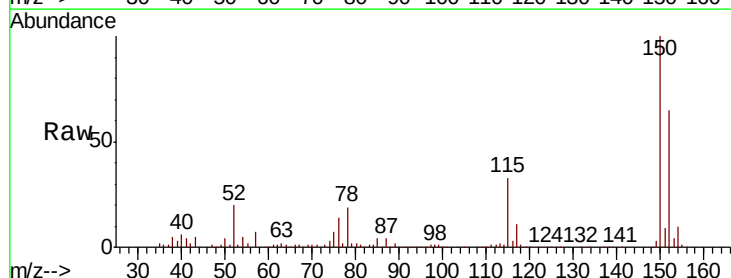
Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-B

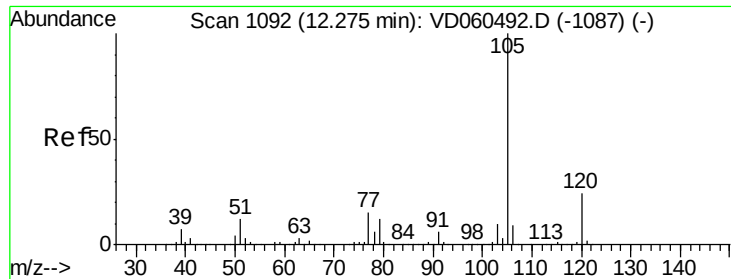
Tot Ion:106 Resp: 179434
Ion Ratio Lower Upper
106 100
91 221.4 103.4 310.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion:152 Resp: 612166
Ion Ratio Lower Upper
152 100
115 51.4 24.6 74.0
150 155.0 0.0 309.0





#73

Isopropylbenzene

Concen: 1.307 ug/l

RT: 12.27 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

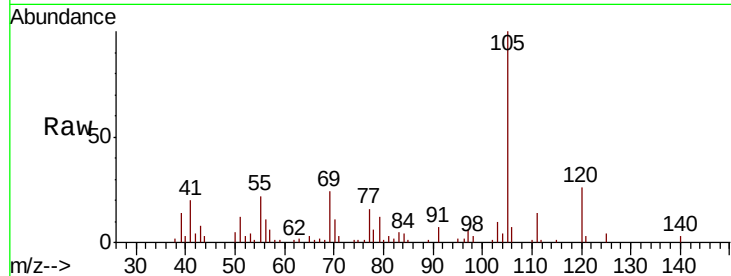
HR-05-121118-B

Tot Ion:105 Resp: 56609

Ion Ratio Lower Upper

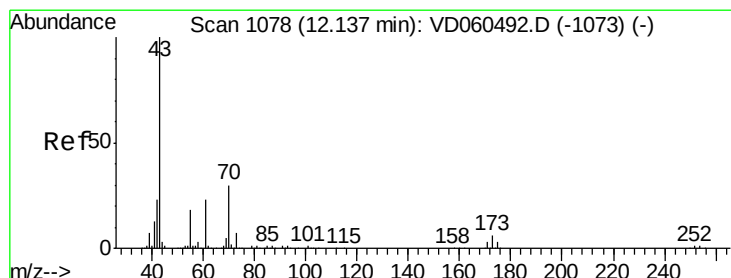
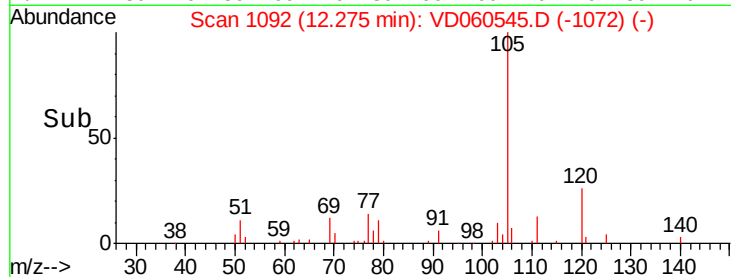
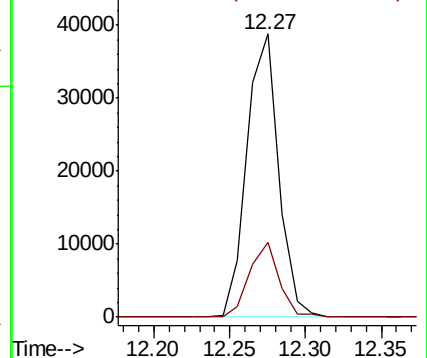
105 100

120 26.4 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 4.244 ug/l

RT: 12.09 min Scan# 1073

Delta R.T. -0.05 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Tgt Ion: 43 Resp: 44435

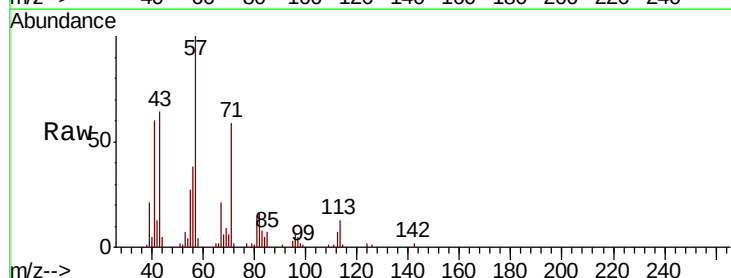
Ion Ratio Lower Upper

43 100

70 10.1 23.8 35.8#

55 42.6 14.2 21.2#

61 0.0 18.1 27.1#

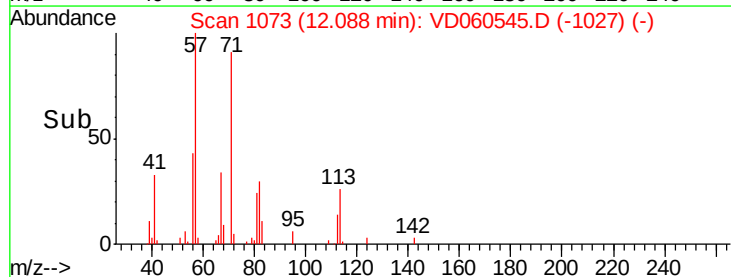
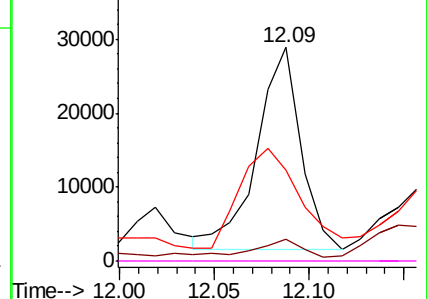


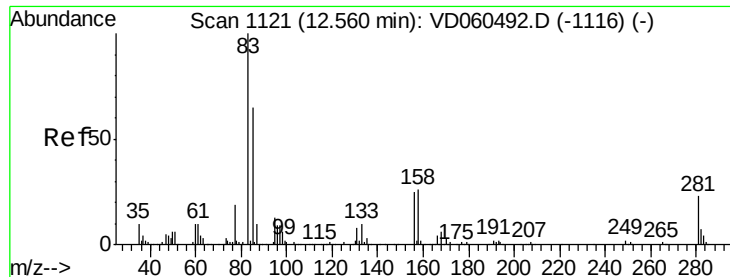
Abundance Ion 42.95 (42.65 to 43.65): VDC

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





#75

1,1,2,2-Tetrachloroethane

Concen: 2.090 ug/l

RT: 12.58 min Scan# 1123

Delta R.T. 0.02 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

HR-05-121118-B

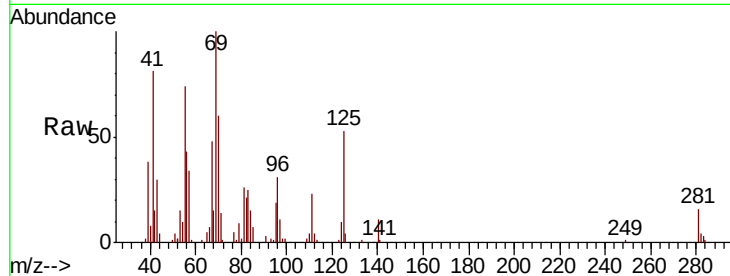
Tot Ion: 83 Resp: 14494

Ion Ratio Lower Upper

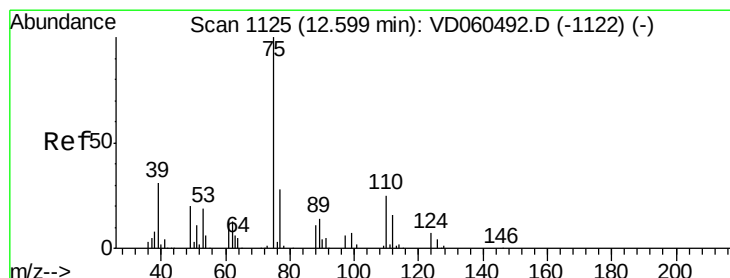
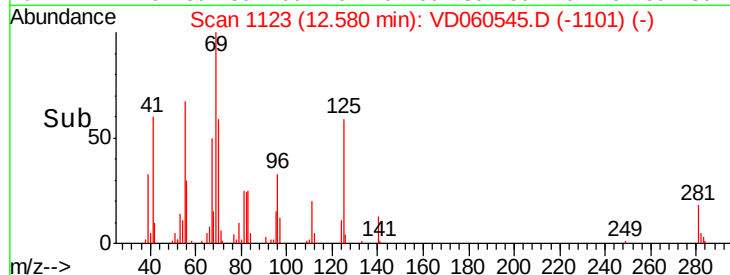
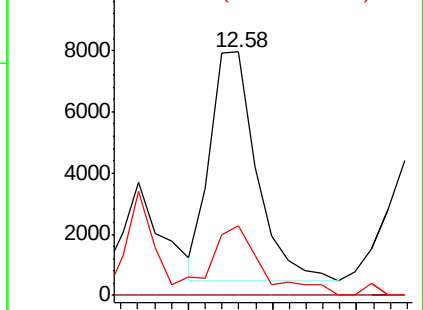
83 100

131 0.0 3.8 11.4#

85 28.4 32.3 96.9#



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 130.90 (130.60 to 131.60): VDC
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 1.093 ug/l

RT: 12.71 min Scan# 1136

Delta R.T. 0.11 min

Lab File: VD060545.D

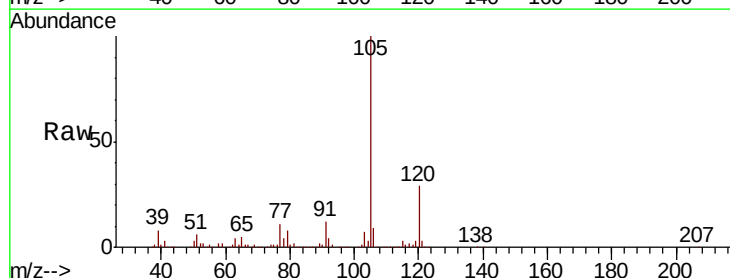
Acq: 12 Dec 2018 14:21

Tgt Ion: 75 Resp: 7579

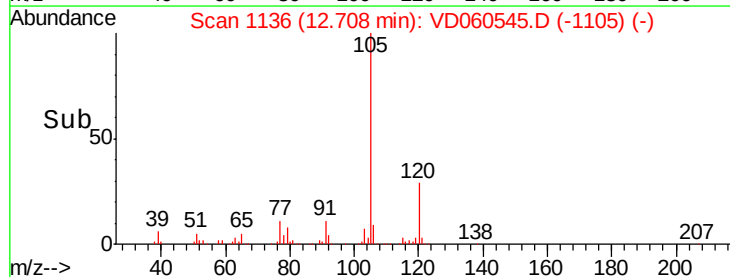
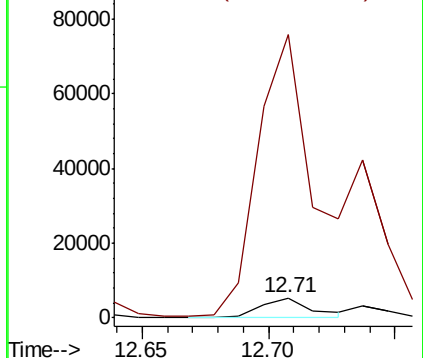
Ion Ratio Lower Upper

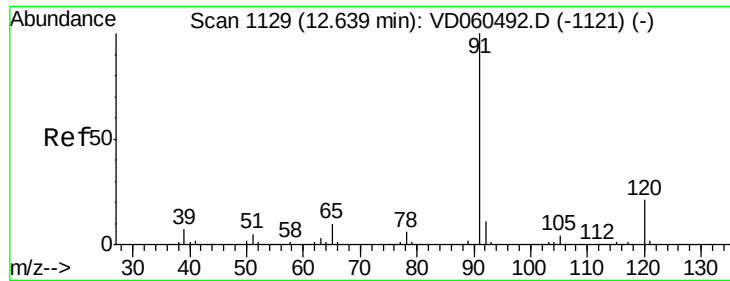
75 100

77 1412.6 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: 4.091 ug/l

RT: 12.63 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

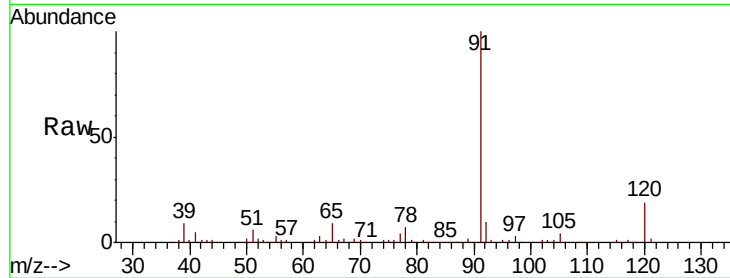
HR-05-121118-B

Tot Ion: 91 Resp: 224032

Ion Ratio Lower Upper

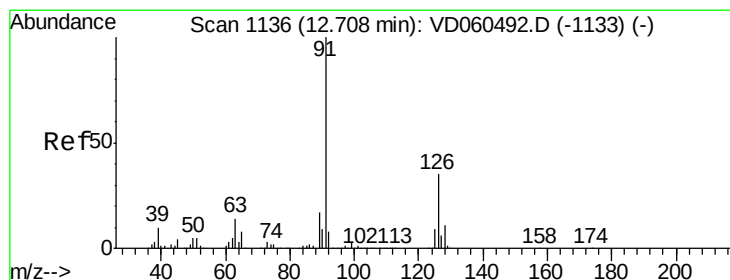
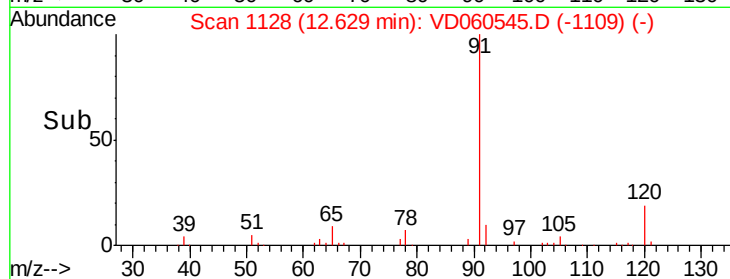
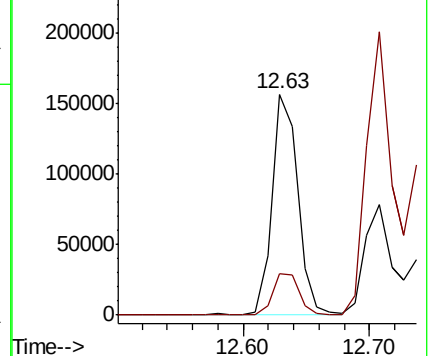
91 100

120 18.9 10.4 31.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 5.306 ug/l

RT: 12.71 min Scan# 1136

Delta R.T. 0.00 min

Lab File: VD060545.D

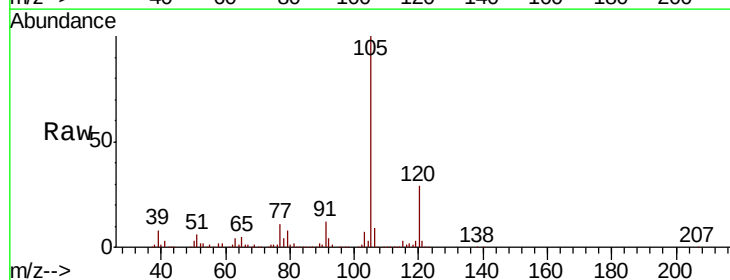
Acq: 12 Dec 2018 14:21

Tgt Ion: 91 Resp: 157671

Ion Ratio Lower Upper

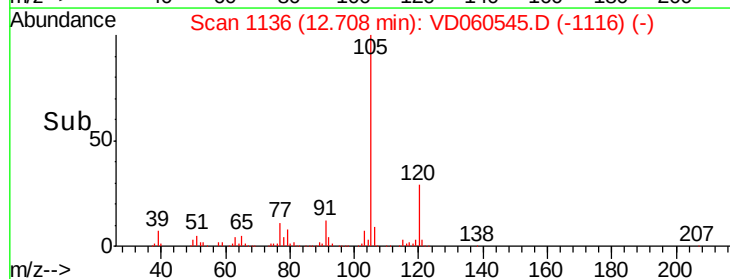
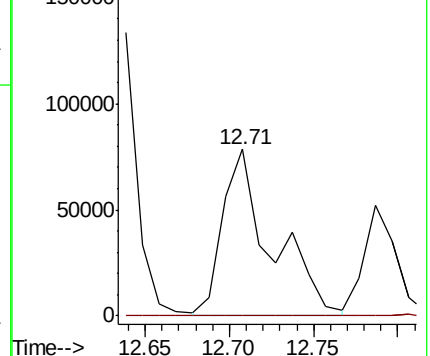
91 100

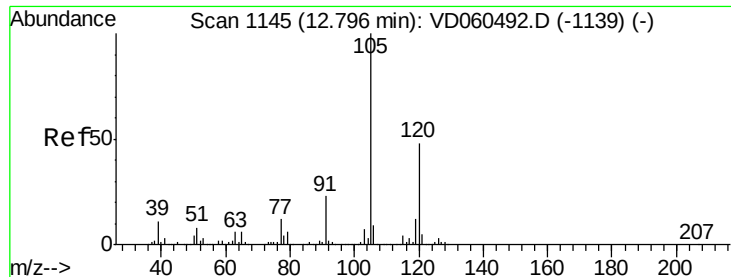
126 0.0 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#80

1,3,5-Trimethylbenzene

Concen: 20.311 ug/l

RT: 12.79 min Scan# 1144

Delta R.T. -0.01 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

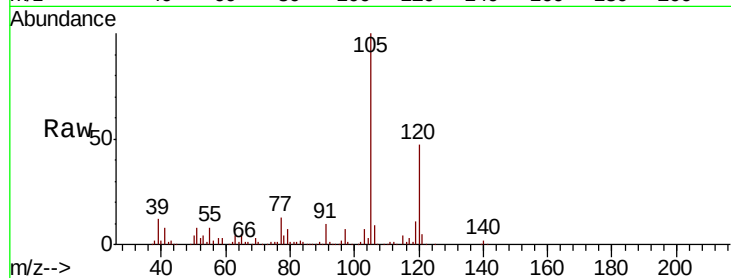
HR-05-121118-B

Tot Ion:105 Resp: 672301

Ion Ratio Lower Upper

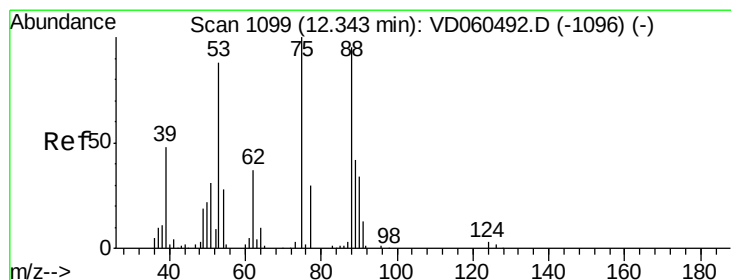
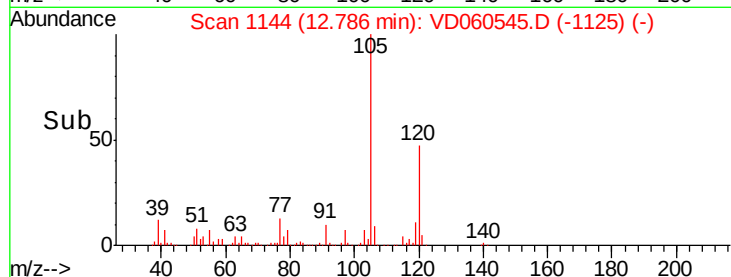
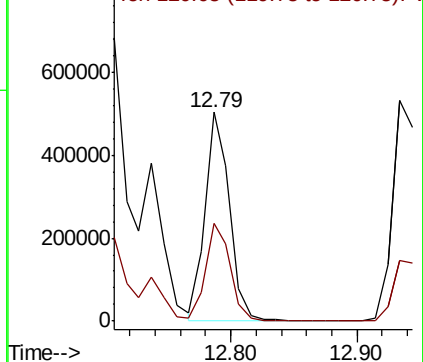
105 100

120 47.1 24.2 72.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#81

trans-1,4-Dichloro-2-butene

Concen: 113.003 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.08 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

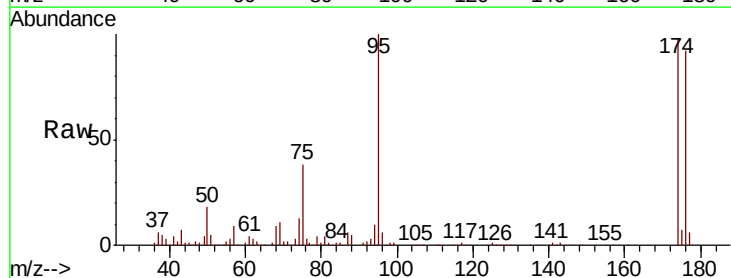
Tgt Ion: 75 Resp: 218609

Ion Ratio Lower Upper

75 100

53 0.6 70.5 105.7#

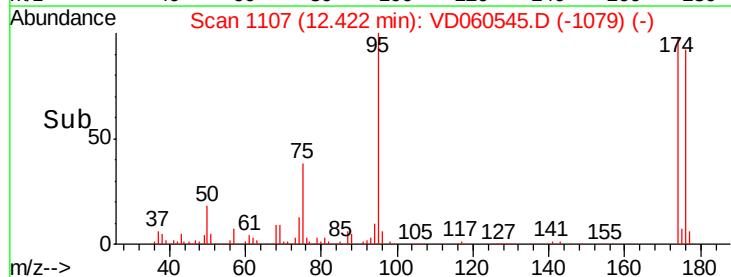
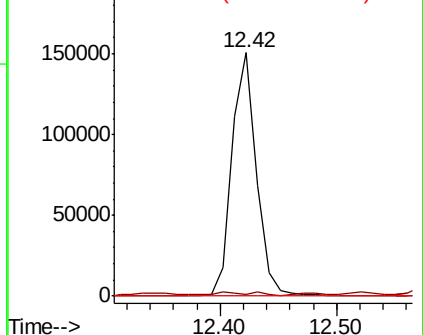
89 0.0 33.6 50.4#

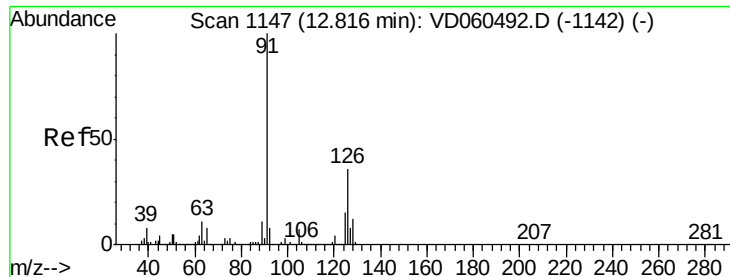


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82

4-Chlorotoluene

Concen: 2.055 ug/l

RT: 12.79 min Scan# 1144

Delta R.T. -0.03 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

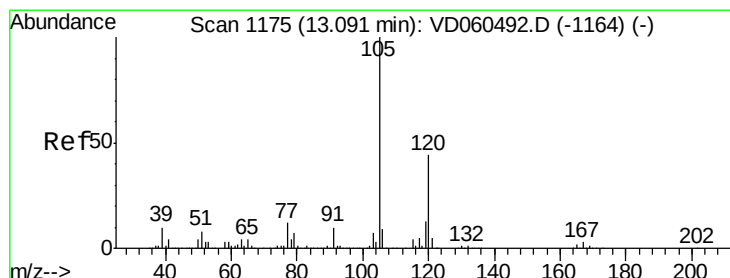
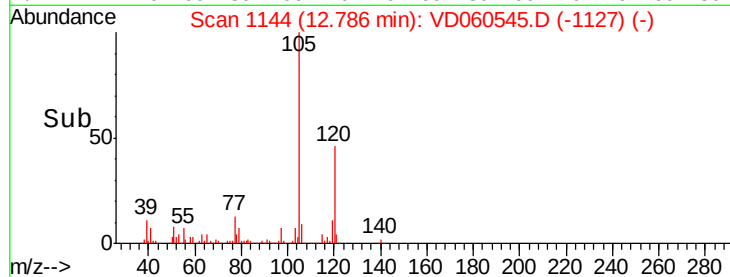
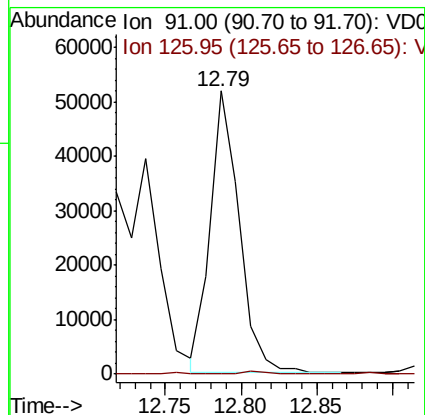
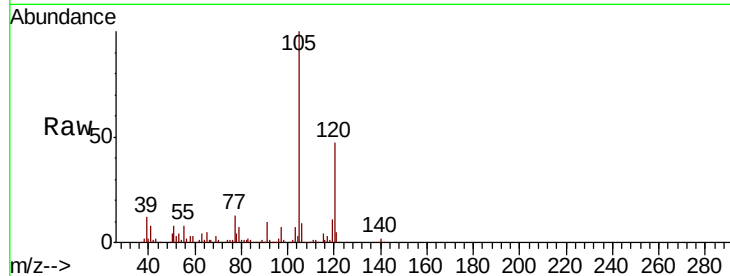
HR-05-121118-B

Tot Ion: 91 Resp: 68574

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.4#



#84

1,2,4-Trimethylbenzene

Concen: 56.031 ug/l

RT: 13.09 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VD060545.D

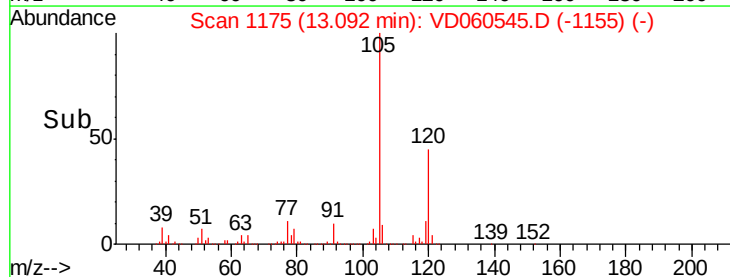
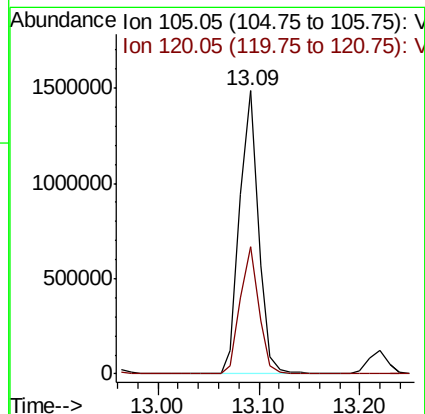
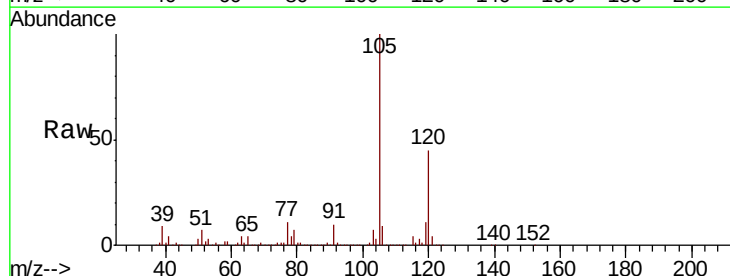
Acq: 12 Dec 2018 14:21

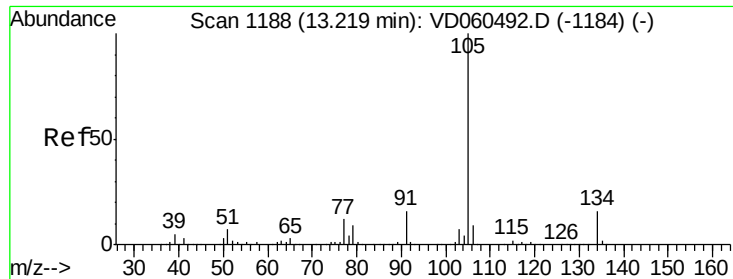
Tgt Ion: 105 Resp: 1920402

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.8

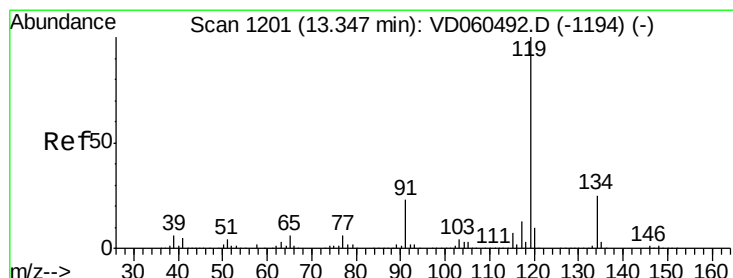
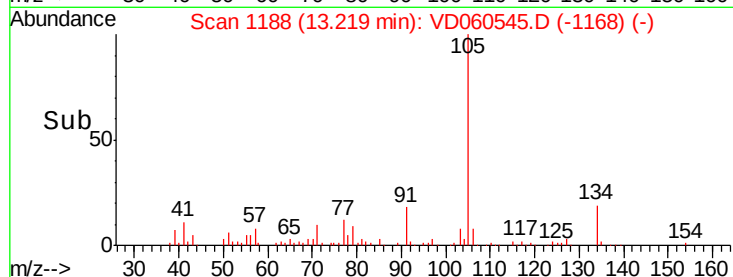
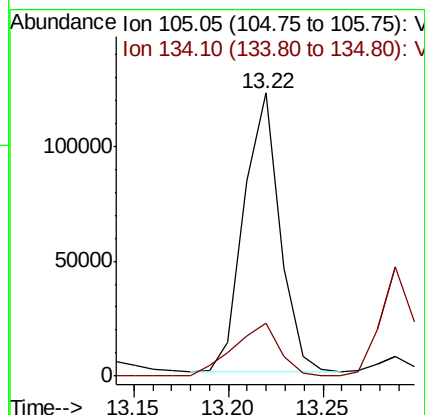
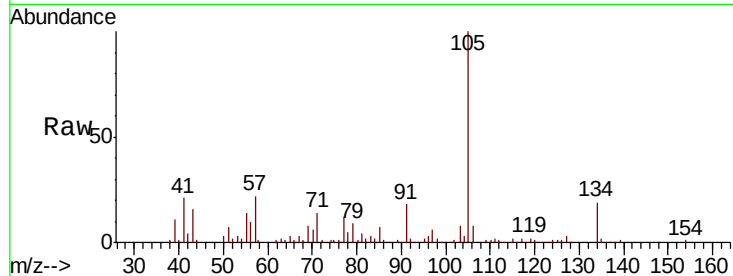




#85
 sec-Butylbenzene
 Concen: 3.456 ug/l
 RT: 13.22 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VD060545.D
 Acq: 12 Dec 2018 14:21

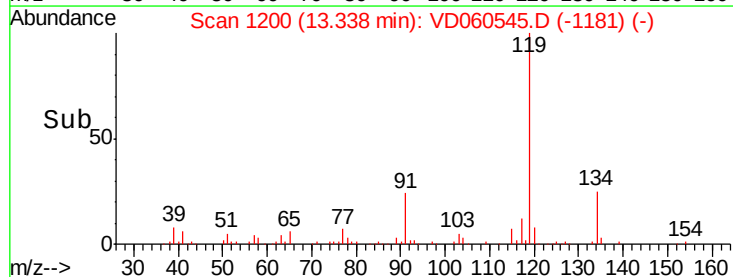
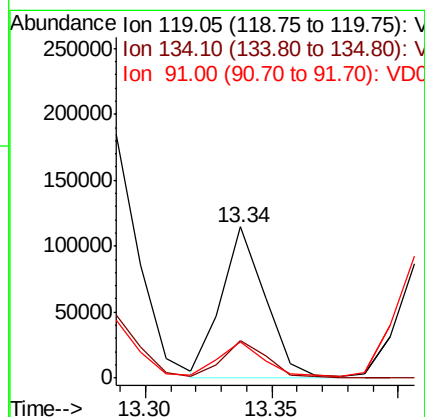
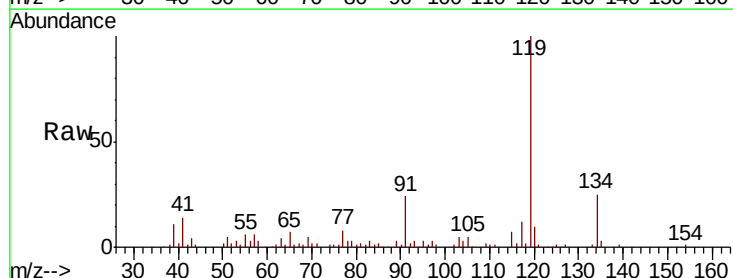
Instrument :
 MSVOA_D
 ClientSampleID :
 HR-05-121118-B

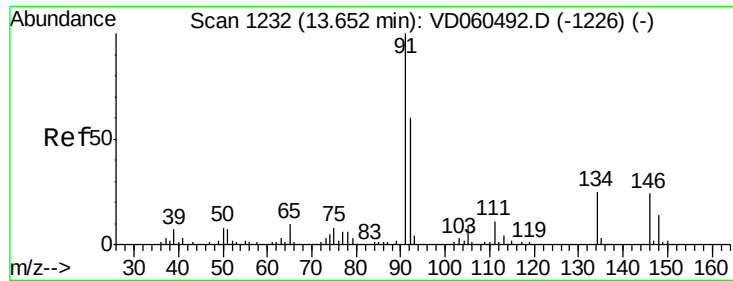
Tot Ion:105 Resp: 159881
 Ion Ratio Lower Upper
 105 100
 134 18.5 7.9 23.7



#86
 p-Isopropyltoluene
 Concen: 3.734 ug/l
 RT: 13.34 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VD060545.D
 Acq: 12 Dec 2018 14:21

Tgt Ion:119 Resp: 136933
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.5 37.5
 91 24.4 11.5 34.4

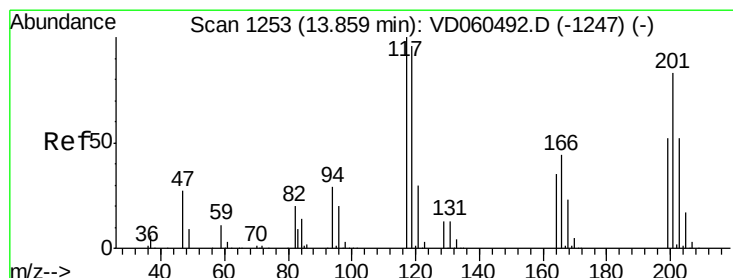
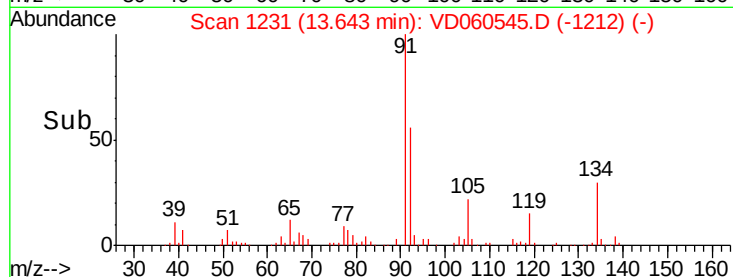
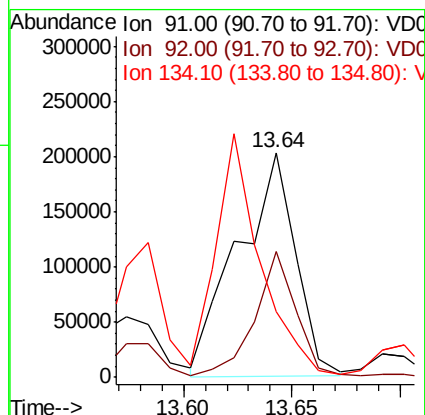
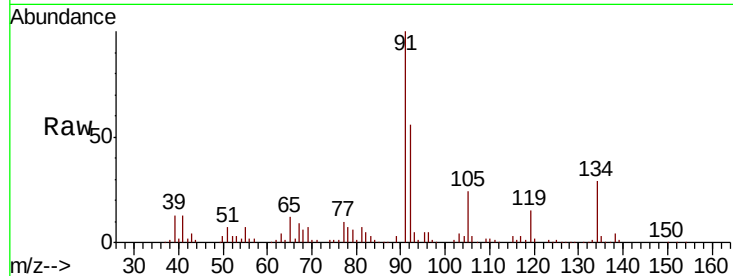




#89
n-Butylbenzene
Concen: 8.705 ug/l
RT: 13.64 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

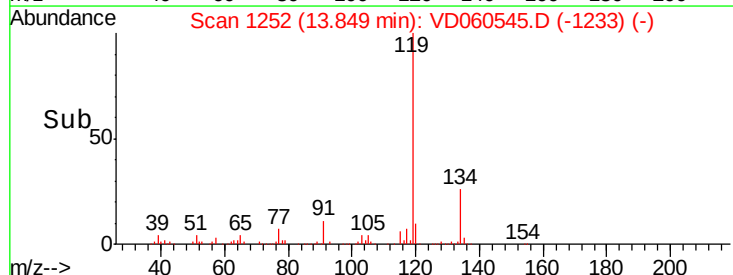
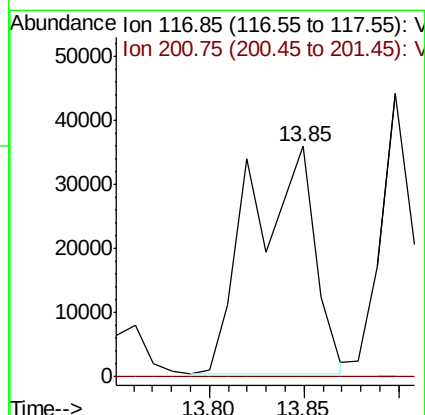
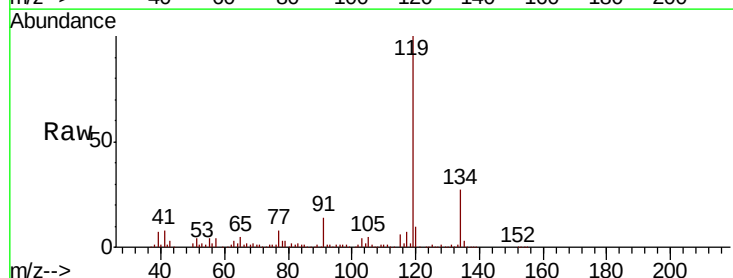
Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-B

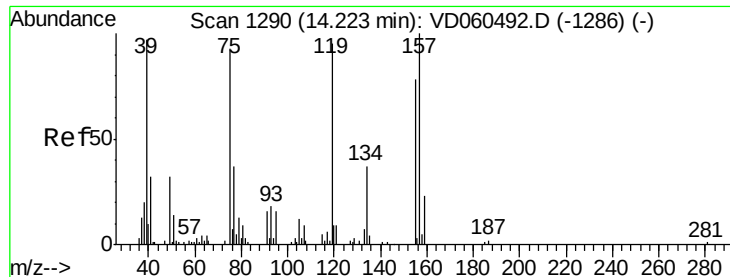
Tot Ion: 91 Resp: 373787
Ion Ratio Lower Upper
91 100
92 55.9 30.0 90.1
134 29.4 12.5 37.5



#90
Hexachloroethane
Concen: 8.960 ug/l
RT: 13.85 min Scan# 1252
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion: 117 Resp: 82378
Ion Ratio Lower Upper
117 100
201 0.0 41.3 123.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.939 ug/l

RT: 14.21 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

Instrument :

MSVOA_D

ClientSampleId :

HR-05-121118-B

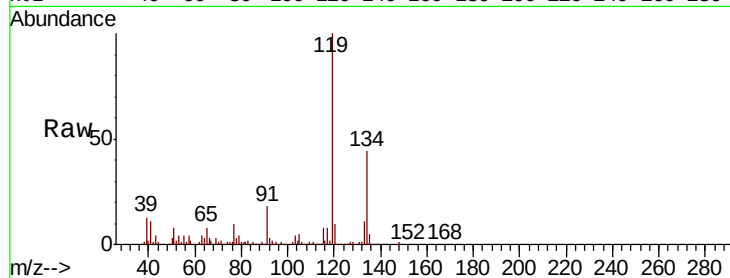
Tot Ion: 75 Resp: 4150

Ion Ratio Lower Upper

75 100

155 0.0 41.6 124.9#

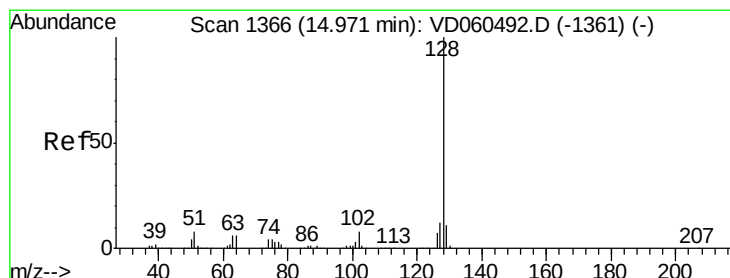
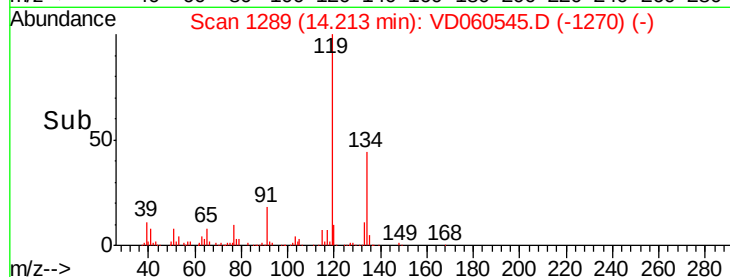
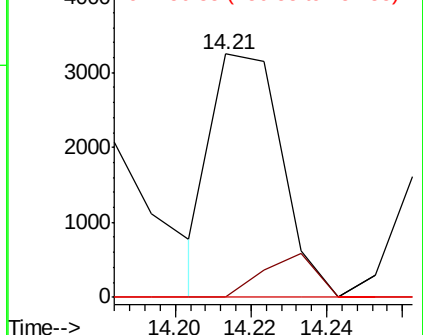
157 0.0 53.6 160.8#



Abundance Ion 75.00 (74.70 to 75.70): VD

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V



#95

Naphthalene

Concen: 9.945 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VD060545.D

Acq: 12 Dec 2018 14:21

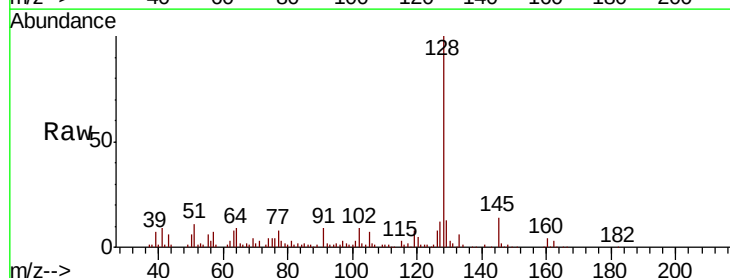
Tgt Ion: 128 Resp: 155828

Ion Ratio Lower Upper

128 100

127 12.4 9.8 14.8

129 12.8 8.6 13.0



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

