

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD110118\
 Data File : VD060263.D
 Acq On : 1 Nov 2018 15:38
 Operator : VA/AP
 Sample : J5759-01
 Misc : 5.86g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Nov 01 17:41:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

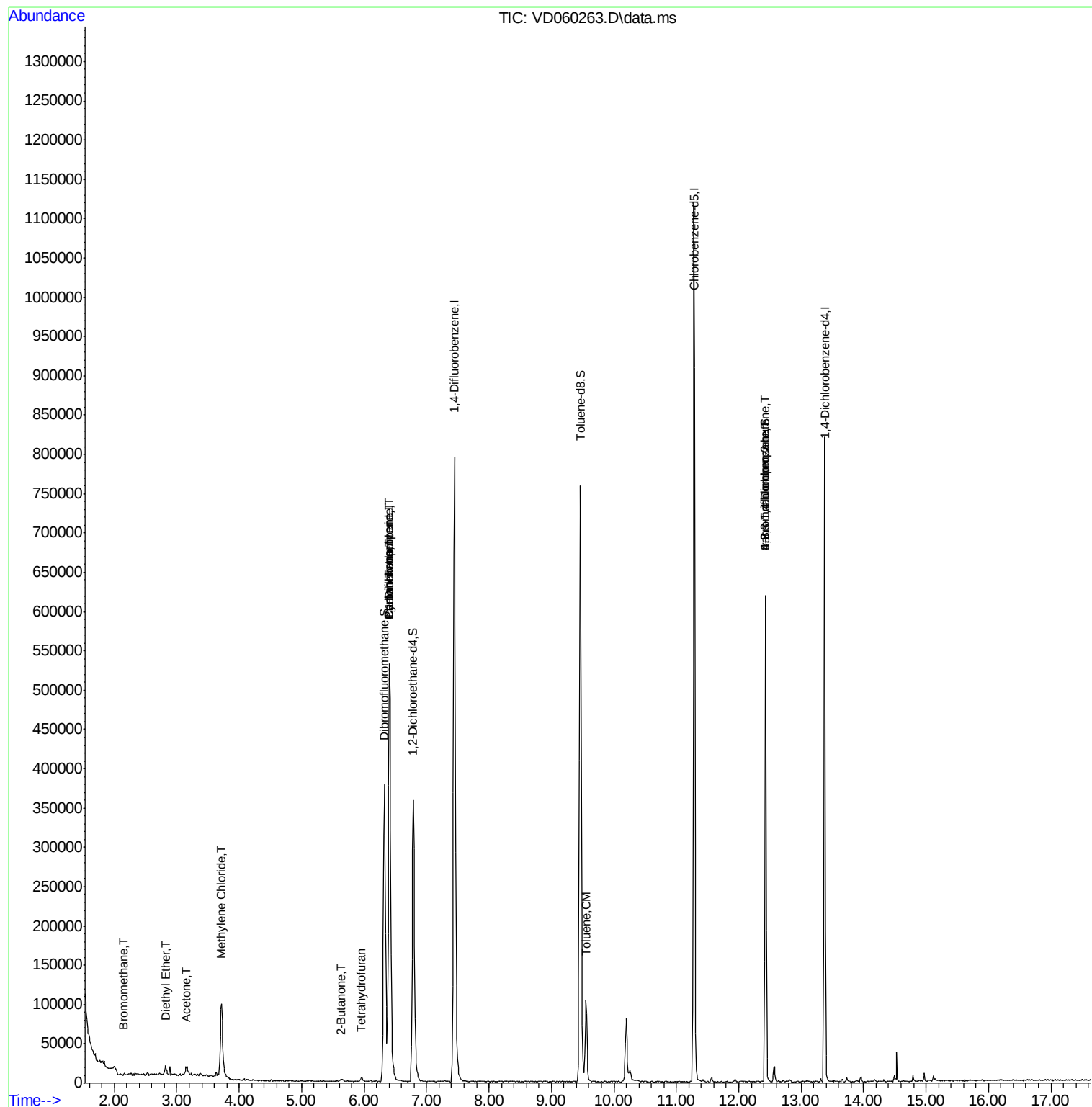
Internal Standards						
1) Pentafluorobenzene	6.403	168	514772	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.447	114	818742	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.284	117	597151	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.381	152	206810	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.787	65	289204	74.12	ug/l	0.03
Spiked Amount 50.000			Recovery	=	148.24%	
35) Dibromofluoromethane	6.325	113	295432	47.52	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	9.464	98	626879	35.36	ug/l	0.03
Spiked Amount 50.000			Recovery	=	70.72%	
62) 4-Bromofluorobenzene	12.426	95	191040	28.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.56%	
Target Compounds						
						Qvalue
5) Bromomethane	2.152	94	1164	2.59	ug/l #	1
8) Diethyl Ether	2.821	74	4669	5.31	ug/l	94
16) Acetone	3.146	43	23765	33.56	ug/l	96
20) Methylene Chloride	3.717	84	58465	6.77	ug/l	94
25) 2-Butanone	5.626	43	5171	2.92	ug/l	95
29) Tetrahydrofuran	5.961	42	3828	3.73	ug/l #	81
31) Cyclohexane	6.403	56	9525	1.13	ug/l #	1
36) 1,1-Dichloropropene	6.403	75	35637	4.55	ug/l #	46
38) Carbon Tetrachloride	6.403	117	39411	5.55	ug/l #	15
52) Toluene	9.552	92	53753	4.08	ug/l	100
76) 1,2,3-Trichloropropane	12.426	75	79355	26.64	ug/l #	45
81) trans-1,4-Dichloro-2-b...	12.426	75	80086	95.70	ug/l #	13

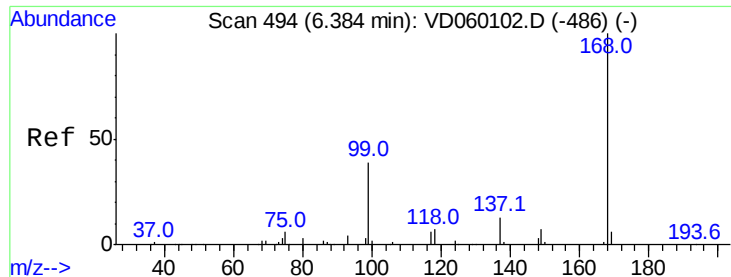
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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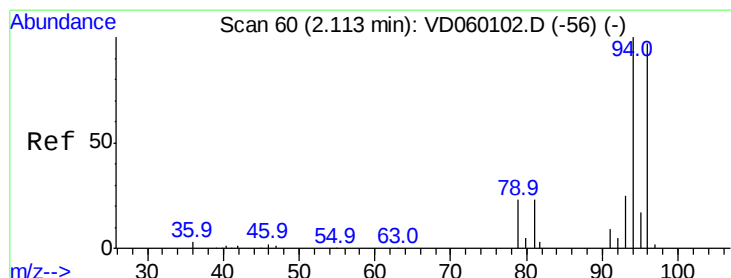
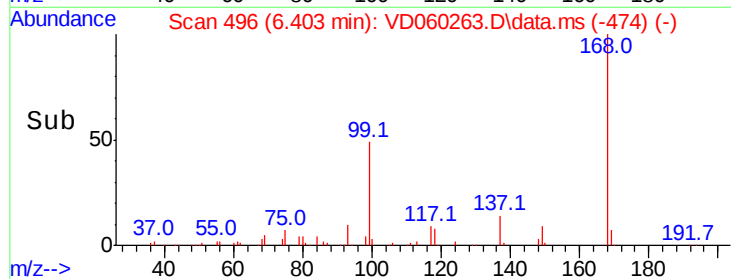
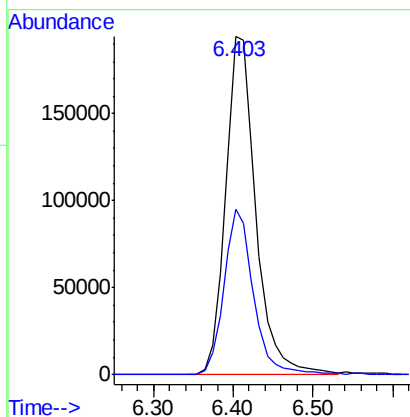
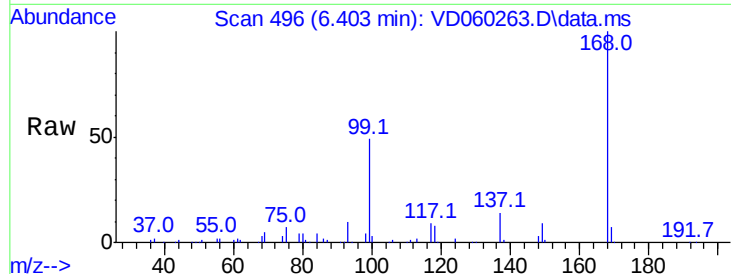




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.403 min Scan# 49
Delta R.T. 0.019 min
Lab File: VD060263.D
Acq: 1 Nov 2018 15:38

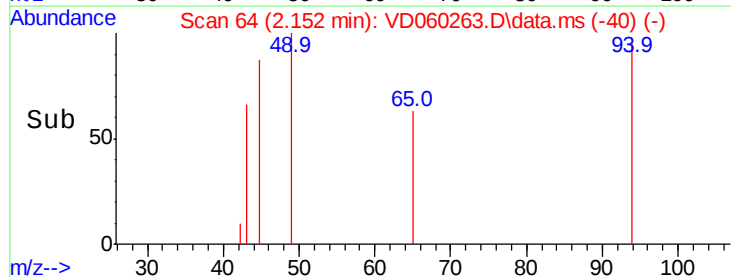
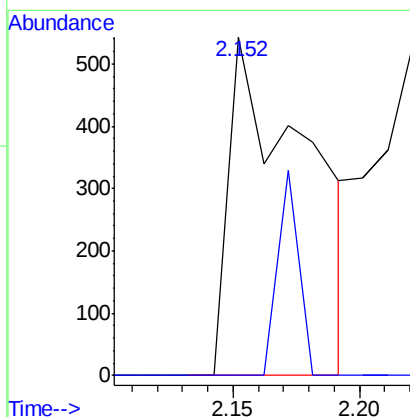
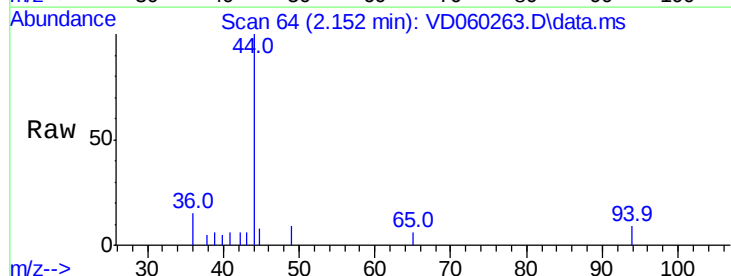
Instrument :
MSVOA_D
ClientSampled :
TP-1

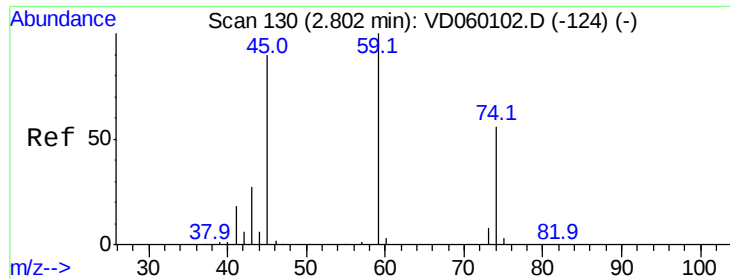
Tot Ion:168 Resp: 514772
Ion Ratio Lower Upper
168 100
99 48.7 35.4 53.0



#5
Bromomethane
Concen: 2.59 ug/l
RT: 2.152 min Scan# 64
Delta R.T. 0.039 min
Lab File: VD060263.D
Acq: 1 Nov 2018 15:38

Tgt Ion: 94 Resp: 1164
Ion Ratio Lower Upper
94 100
96 0.0 77.4 116.2#





#8

Diethyl Ether

Concen: 5.31 ug/l

RT: 2.821 min Scan# 131

Delta R.T. 0.019 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

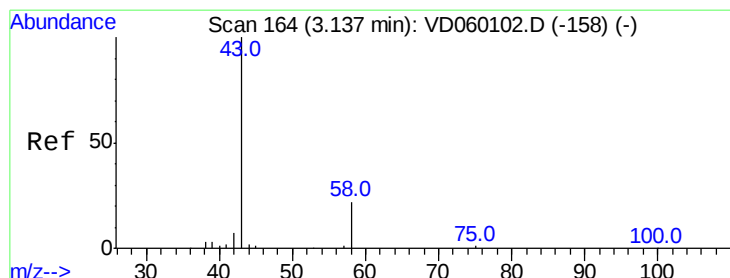
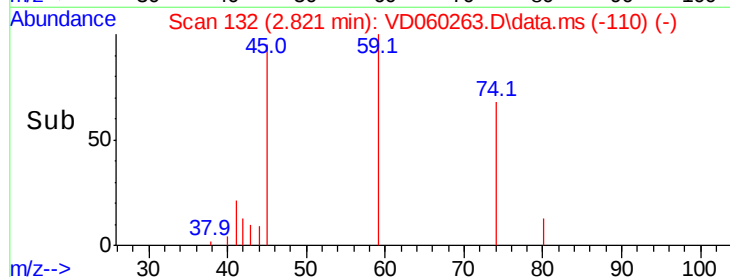
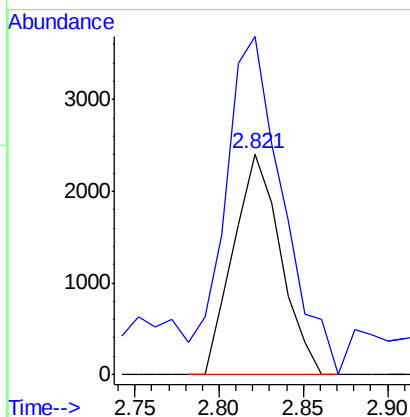
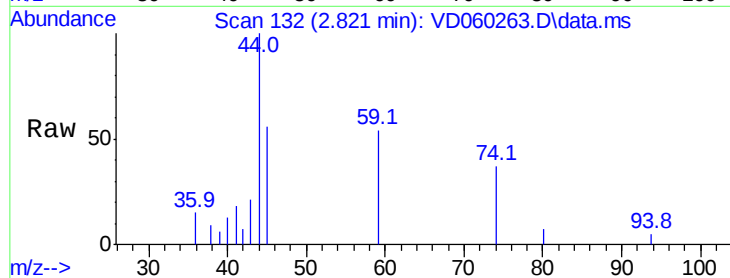
TP-1

Tot Ion: 74 Resp: 4669

Ion Ratio Lower Upper

74 100

45 153.0 80.3 241.0



#16

Acetone

Concen: 33.56 ug/l

RT: 3.146 min Scan# 165

Delta R.T. 0.009 min

Lab File: VD060263.D

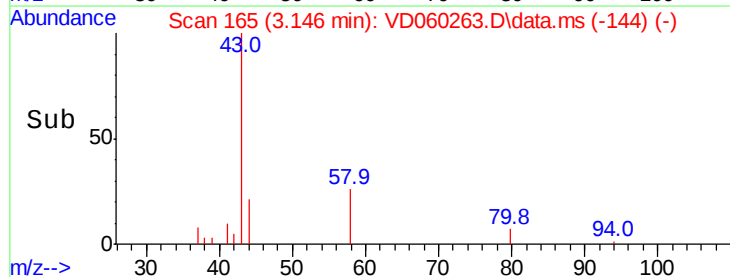
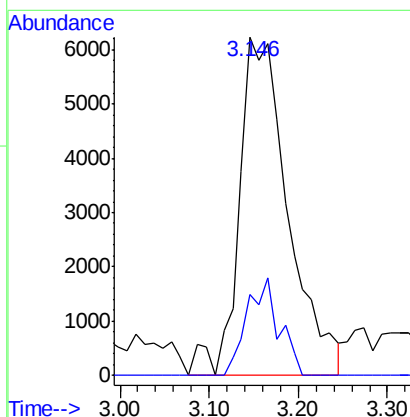
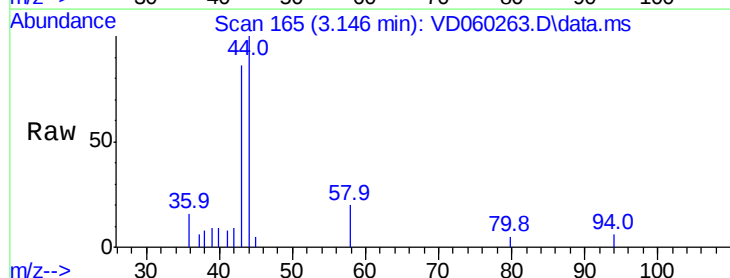
Acq: 1 Nov 2018 15:38

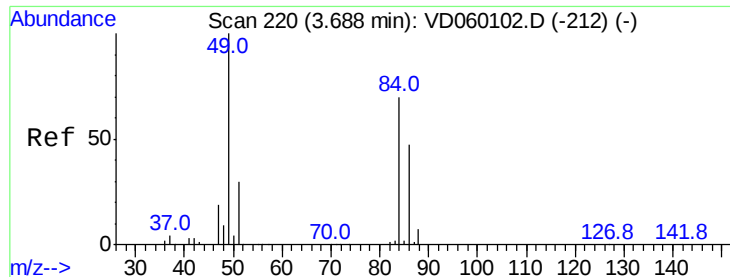
Tgt Ion: 43 Resp: 23765

Ion Ratio Lower Upper

43 100

58 23.9 17.7 26.5

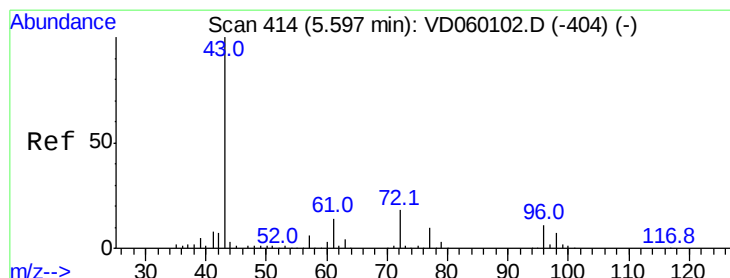
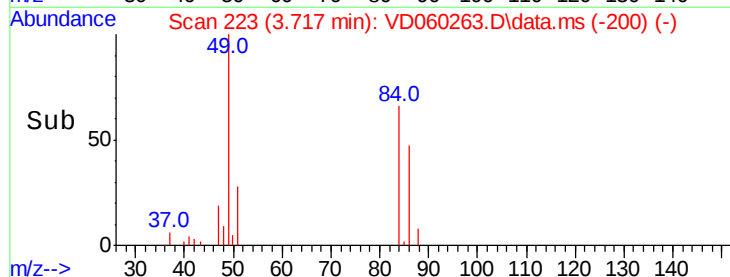
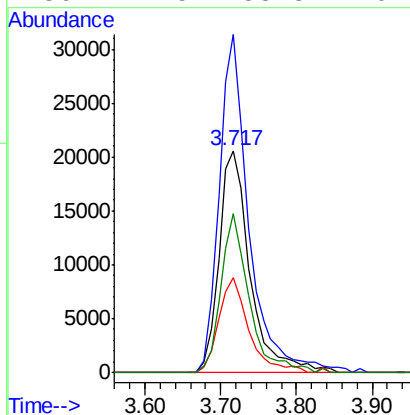
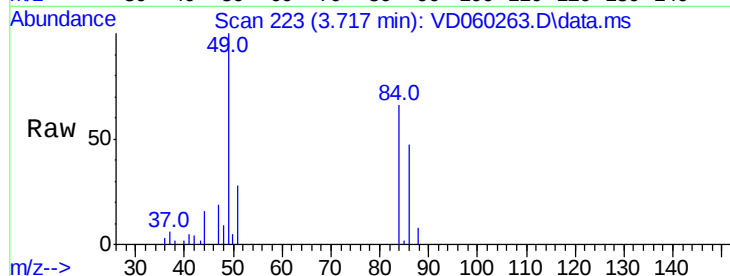




#20
Methylene Chloride
Concen: 6.77 ug/l
RT: 3.717 min Scan# 22
Delta R.T. 0.030 min
Lab File: VD060263.D
Acq: 1 Nov 2018 15:38

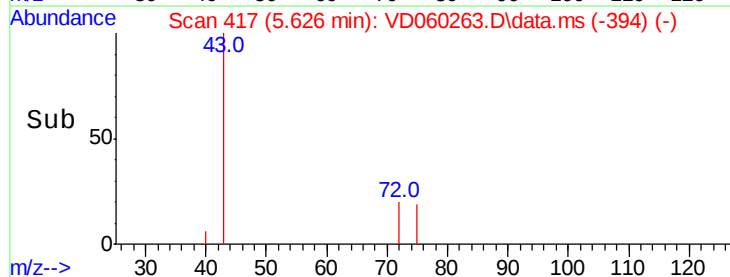
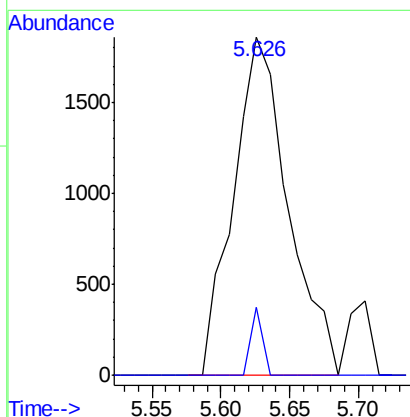
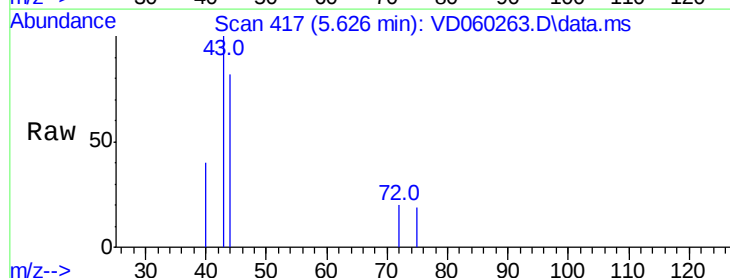
Instrument :
MSVOA_D
ClientSampled :
TP-1

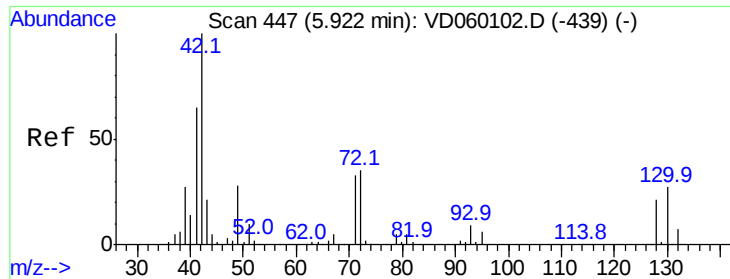
Tot Ion: 84 Resp: 58465
Ion Ratio Lower Upper
84 100
49 152.5 114.6 172.0
51 42.6 33.8 50.8
86 71.5 53.3 79.9



#25
2-Butanone
Concen: 2.92 ug/l
RT: 5.626 min Scan# 417
Delta R.T. 0.029 min
Lab File: VD060263.D
Acq: 1 Nov 2018 15:38

Tgt Ion: 43 Resp: 5171
Ion Ratio Lower Upper
43 100
72 20.3 14.5 21.7





#29

Tetrahydrofuran

Concen: 3.73 ug/l

RT: 5.961 min Scan# 451

Delta R.T. 0.039 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1

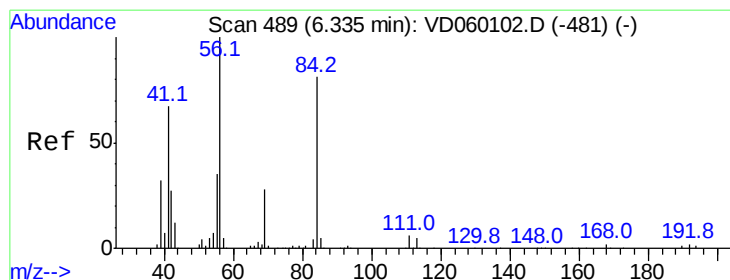
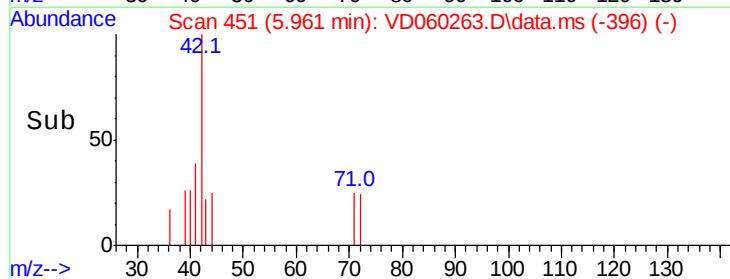
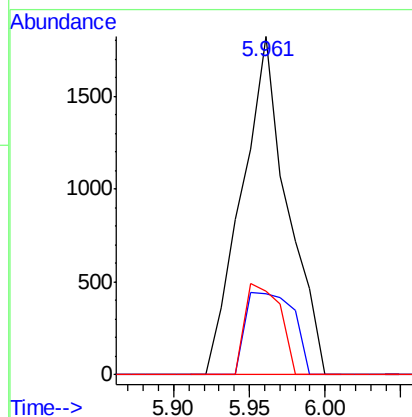
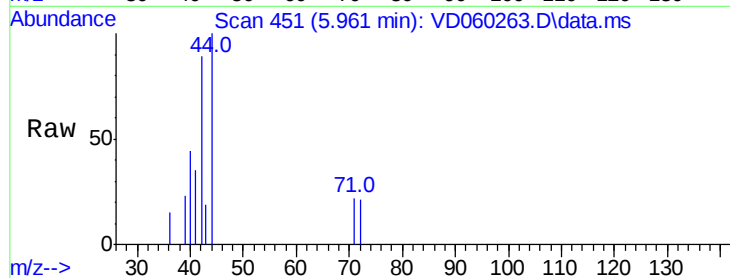
Tot Ion: 42 Resp: 3828

Ion Ratio Lower Upper

42 100

72 25.2 26.9 40.3#

71 20.3 26.7 40.1#



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 6.403 min Scan# 496

Delta R.T. 0.068 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

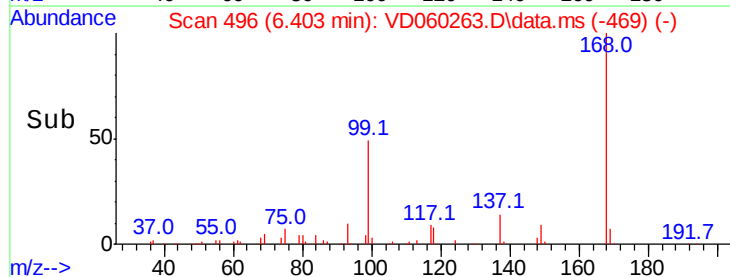
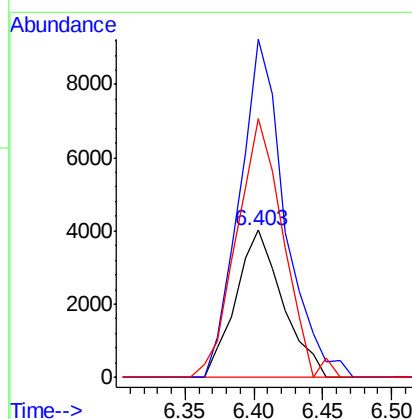
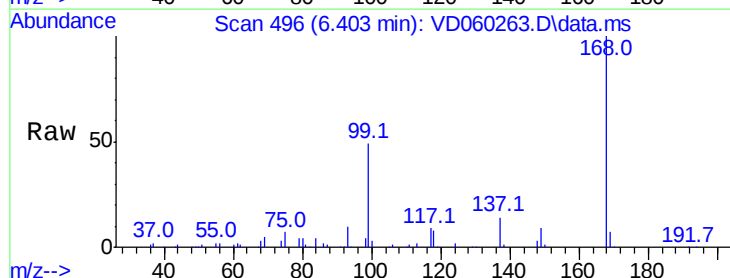
Tgt Ion: 56 Resp: 9525

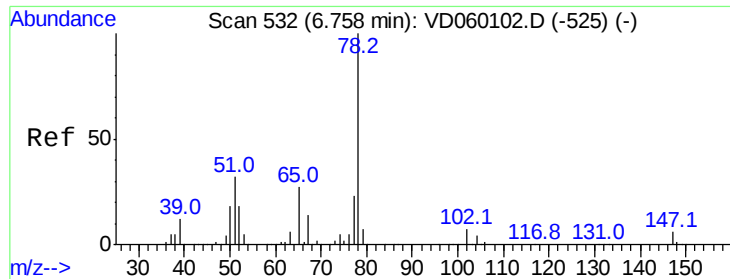
Ion Ratio Lower Upper

56 100

69 229.9 22.8 34.2#

84 176.0 64.9 97.3#

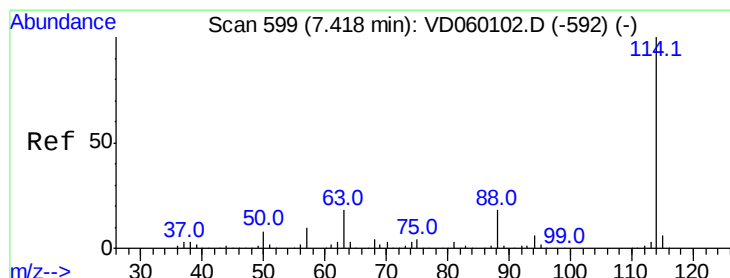
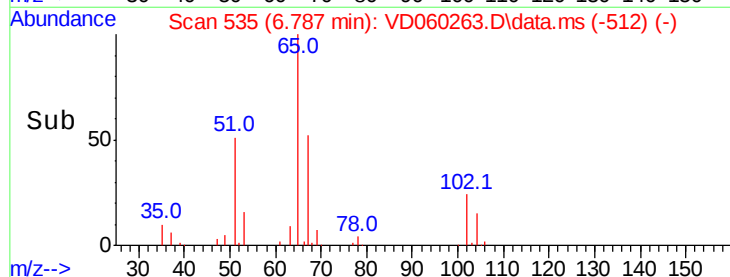
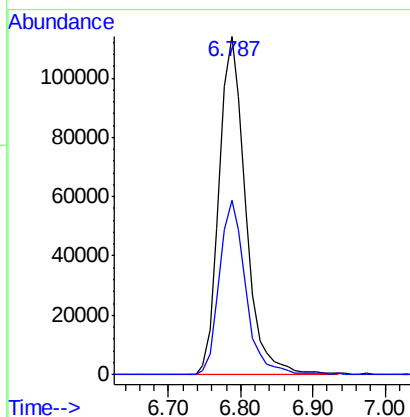
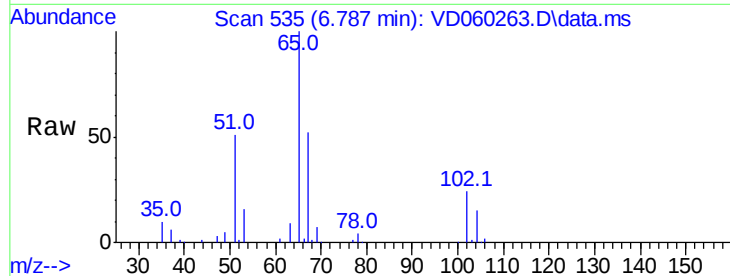




#33
 1,2-Dichloroethane-d4
 Concen: 74.12 ug/l
 RT: 6.787 min Scan# 531
 Delta R.T. 0.029 min
 Lab File: VD060263.D
 Acq: 1 Nov 2018 15:38

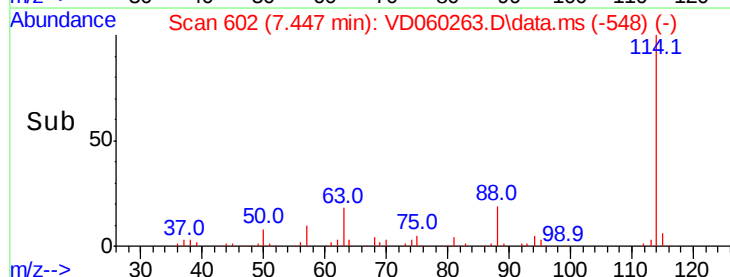
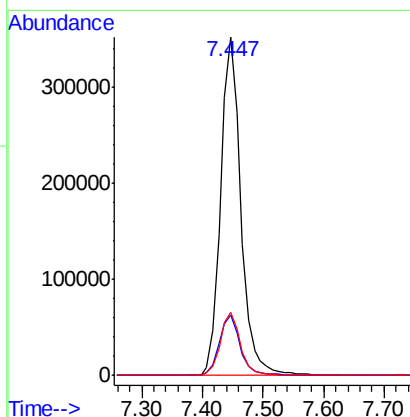
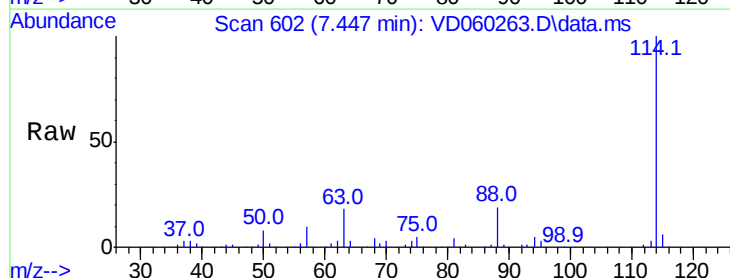
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

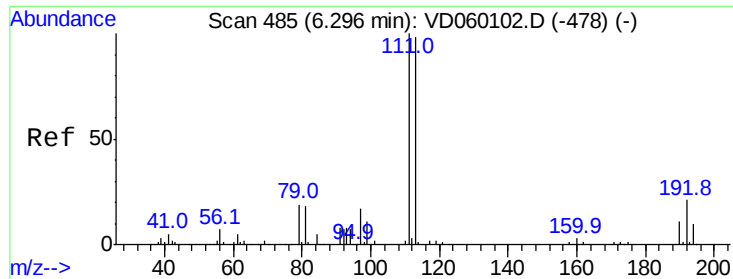
Tot Ion: 65 Resp: 289204
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.447 min Scan# 602
 Delta R.T. 0.029 min
 Lab File: VD060263.D
 Acq: 1 Nov 2018 15:38

Tgt Ion: 114 Resp: 818742
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.0
 88 18.8 0.0 36.2

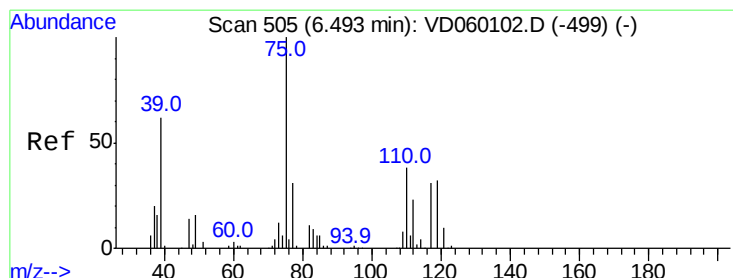
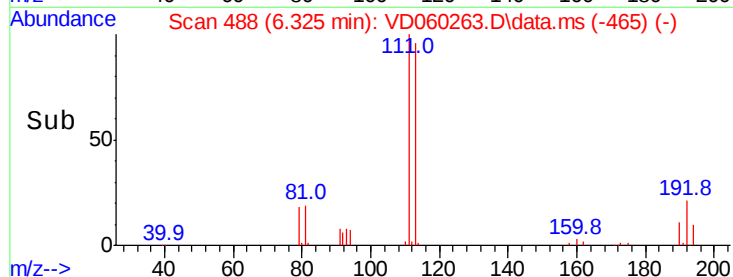
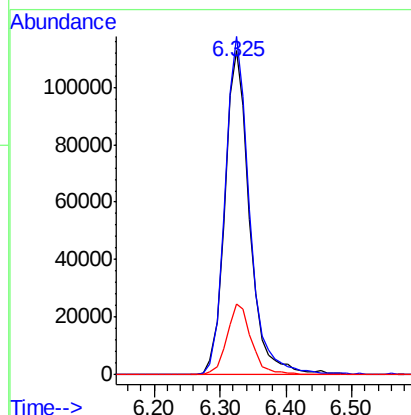
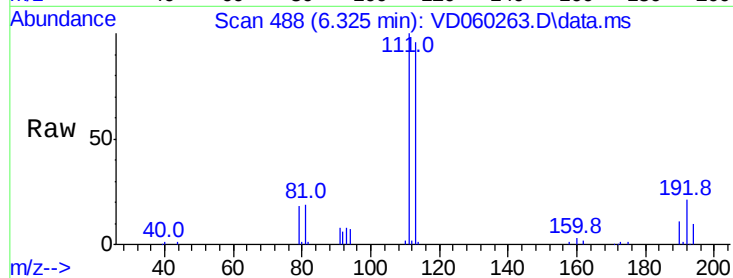




#35
 Dibromofluoromethane
 Concen: 47.52 ug/l
 RT: 6.325 min Scan# 48
 Delta R.T. 0.029 min
 Lab File: VD060263.D
 Acq: 1 Nov 2018 15:38

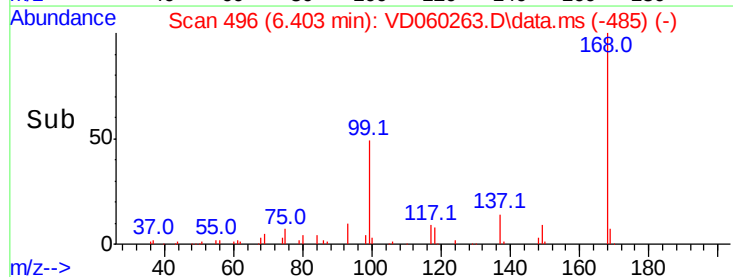
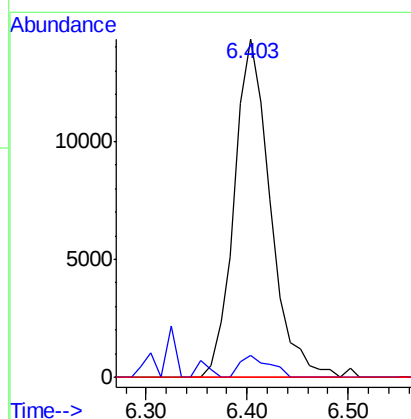
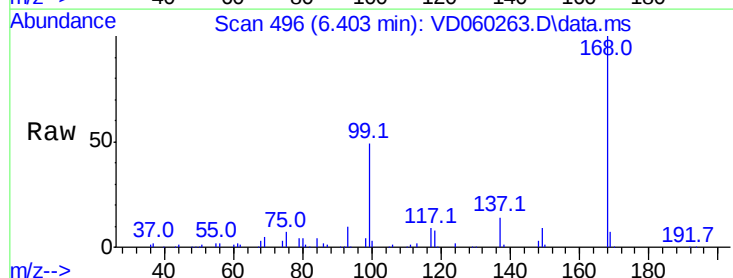
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

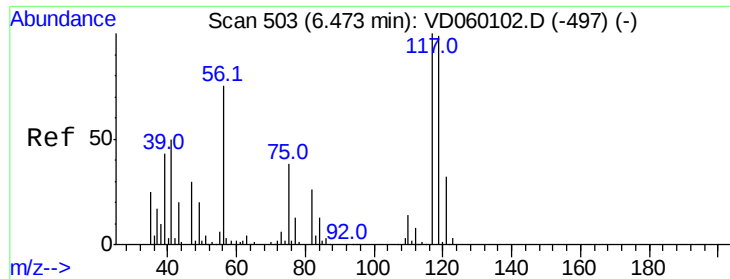
Tot Ion:113 Resp: 295432
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.5 122.3
 192 21.9 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 4.55 ug/l
 RT: 6.403 min Scan# 496
 Delta R.T. -0.089 min
 Lab File: VD060263.D
 Acq: 1 Nov 2018 15:38

Tgt Ion: 75 Resp: 35637
 Ion Ratio Lower Upper
 75 100
 110 6.6 19.0 57.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.55 ug/l

RT: 6.403 min Scan# 49

Delta R.T. -0.069 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1

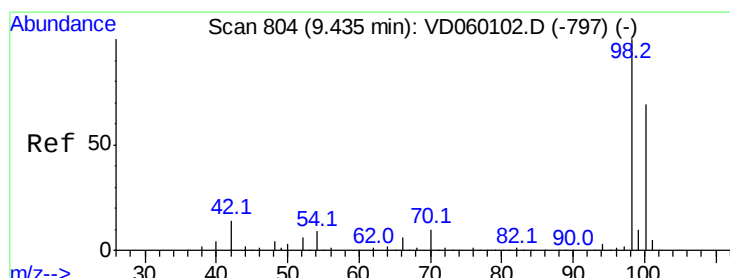
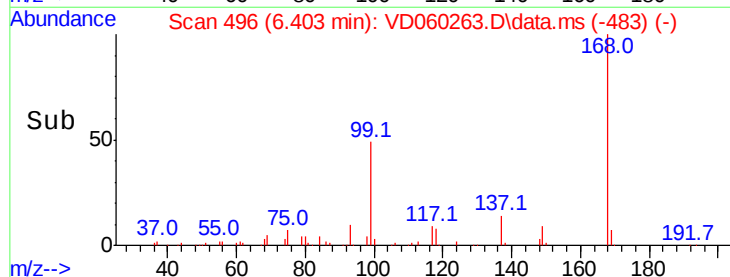
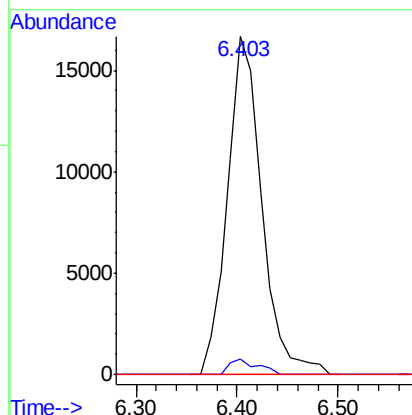
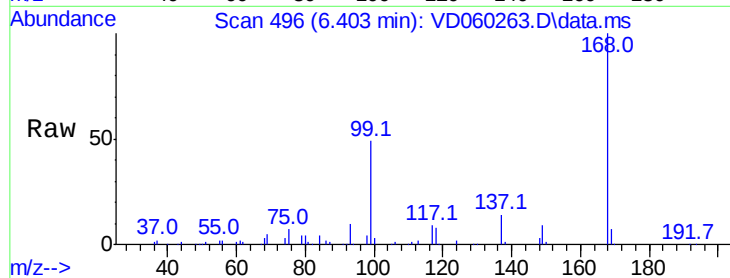
Tot Ion:117 Resp: 39411

Ion Ratio Lower Upper

117 100

119 4.5 77.8 116.6#

121 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 35.36 ug/l

RT: 9.464 min Scan# 807

Delta R.T. 0.029 min

Lab File: VD060263.D

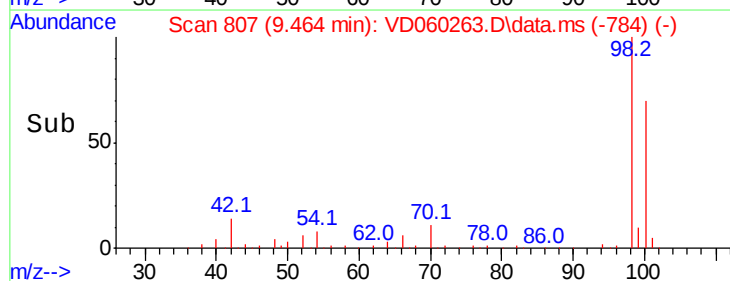
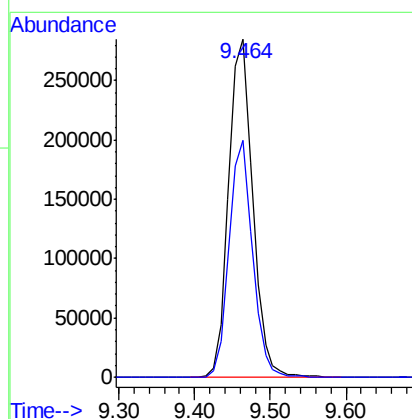
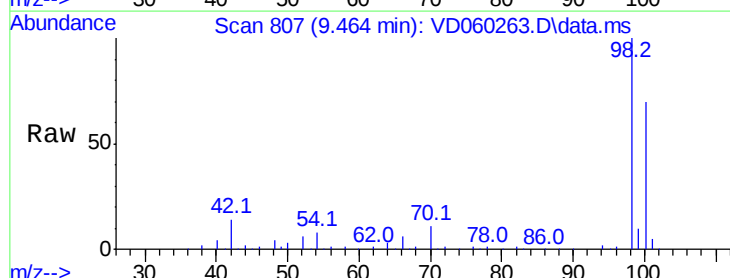
Acq: 1 Nov 2018 15:38

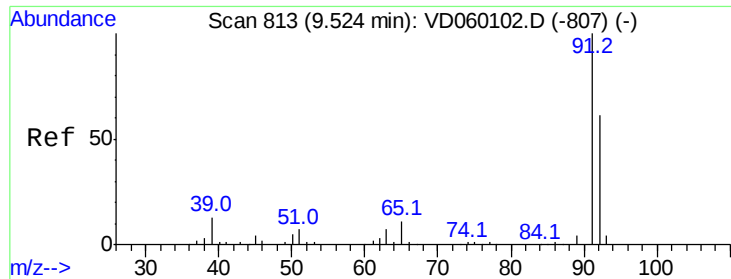
Tgt Ion: 98 Resp: 626879

Ion Ratio Lower Upper

98 100

100 70.0 55.4 83.0





#52

Toluene

Concen: 4.08 ug/l

RT: 9.552 min Scan# 81

Delta R.T. 0.029 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Instrument :

MSVOA_D

ClientSampled :

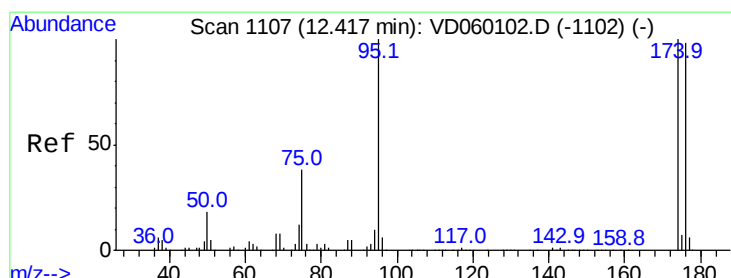
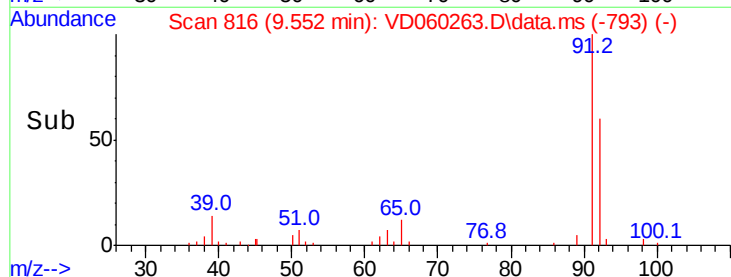
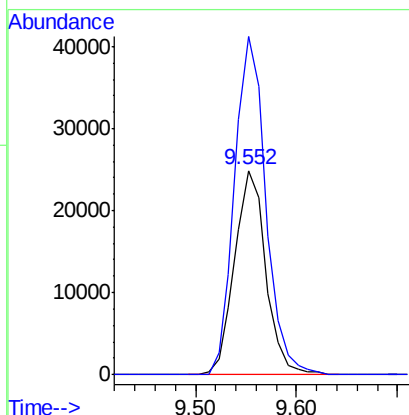
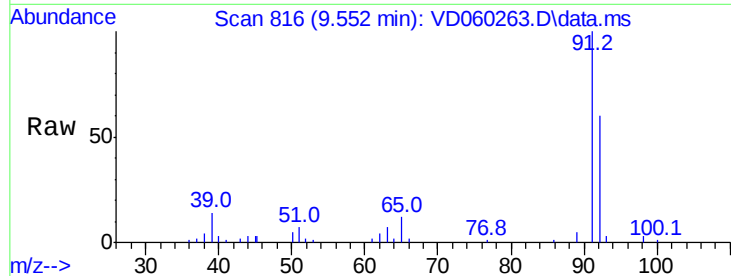
TP-1

Tot Ion: 92 Resp: 53753

Ion Ratio Lower Upper

92 100

91 165.5 131.9 197.9



#62

4-Bromofluorobenzene

Concen: 28.78 ug/l

RT: 12.426 min Scan# 1108

Delta R.T. 0.009 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

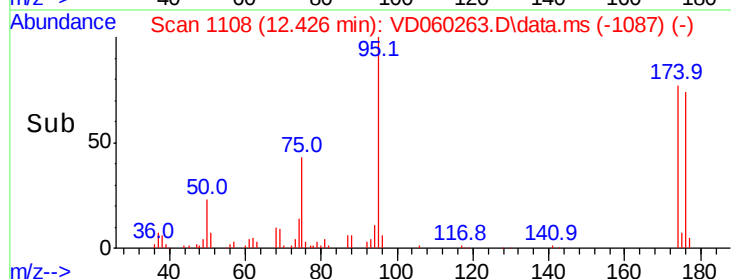
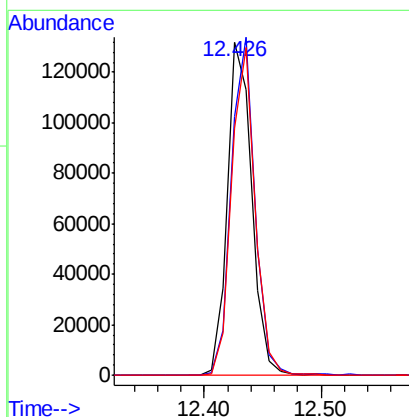
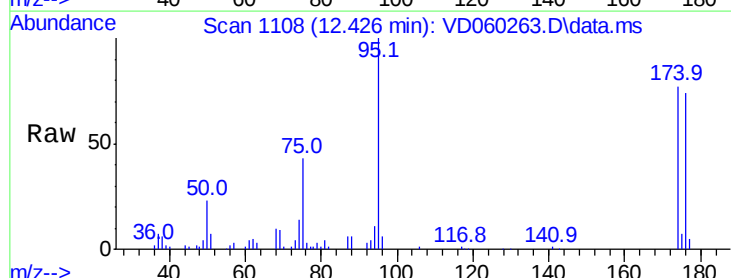
Tgt Ion: 95 Resp: 191040

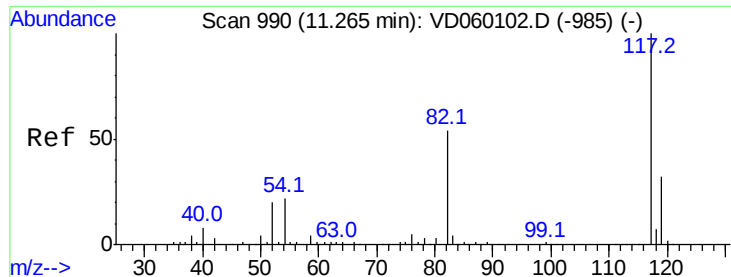
Ion Ratio Lower Upper

95 100

174 77.4 0.0 200.2

176 74.0 0.0 195.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.284 min Scan# 99

Delta R.T. 0.019 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1

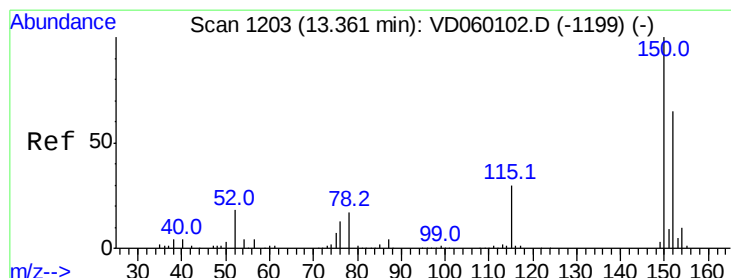
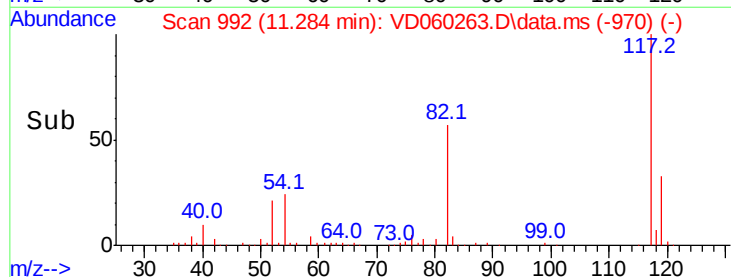
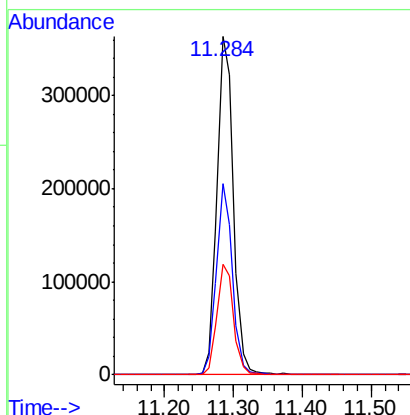
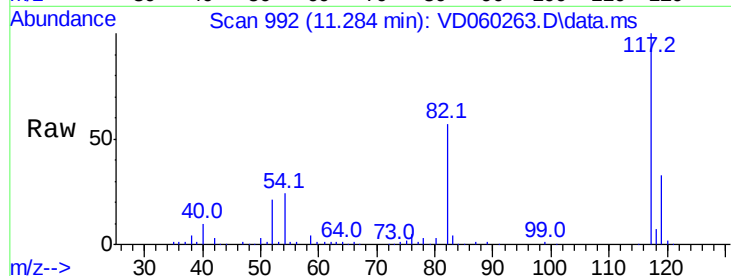
Tot Ion:117 Resp: 597151

Ion Ratio Lower Upper

117 100

82 56.6 43.4 65.2

119 32.7 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.381 min Scan# 1205

Delta R.T. 0.019 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

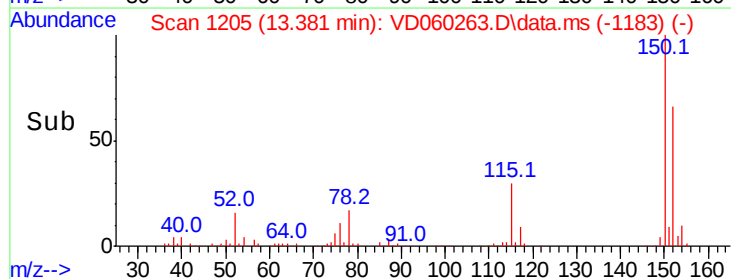
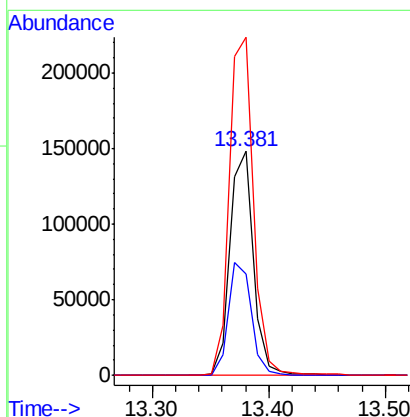
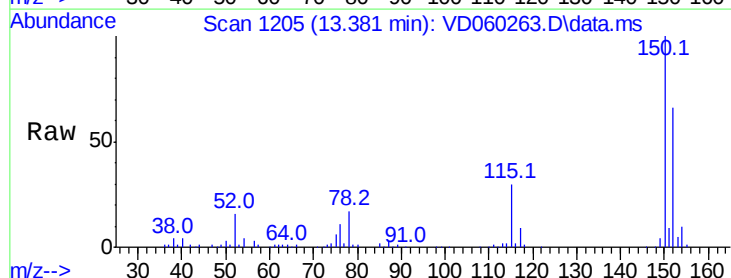
Tgt Ion:152 Resp: 206810

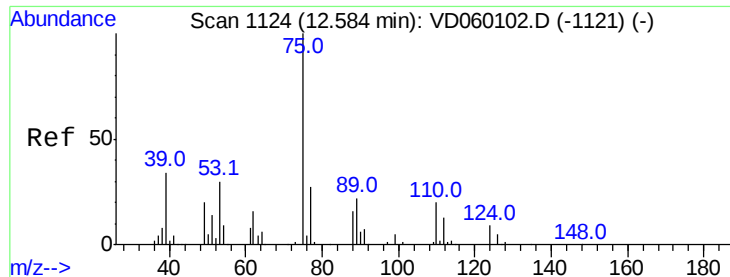
Ion Ratio Lower Upper

152 100

115 45.1 27.1 81.2

150 150.9 0.0 311.8

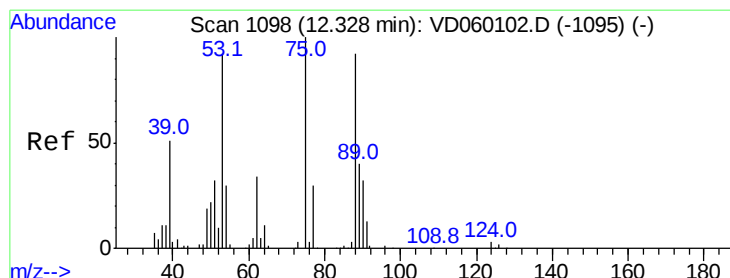
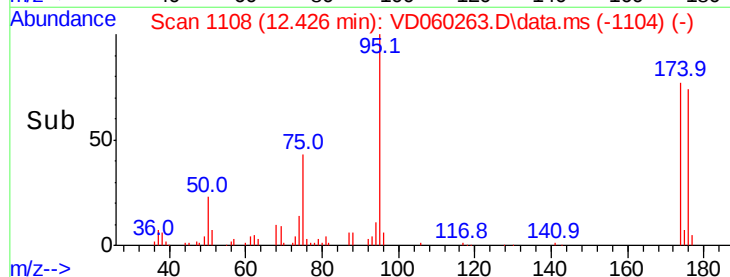
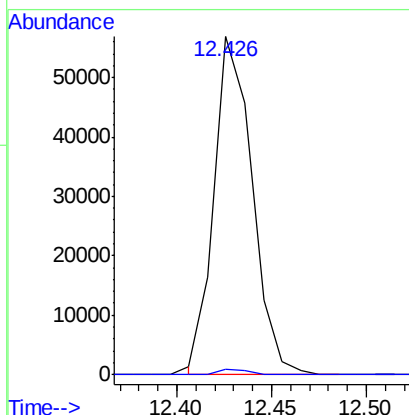
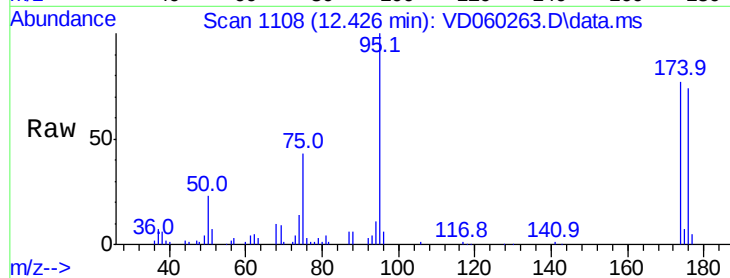




#76
 1,2,3-Trichloropropane
 Concen: 26.64 ug/l
 RT: 12.426 min Scan# 1108
 Delta R.T. -0.158 min
 Lab File: VD060263.D
 Acq: 1 Nov 2018 15:38

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion: 75 Resp: 79355
 Ion Ratio Lower Upper
 75 100
 77 1.5 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.70 ug/l
 RT: 12.426 min Scan# 1108
 Delta R.T. 0.098 min
 Lab File: VD060263.D
 Acq: 1 Nov 2018 15:38

Tgt Ion: 75 Resp: 80086
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

