

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121018\
 Data File : VD060523.D
 Acq On : 10 Dec 2018 14:25
 Operator : VA/AP
 Sample : J6302-01
 Misc : 14.12g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K-120718-RO

Quant Time: Dec 11 06:47:14 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

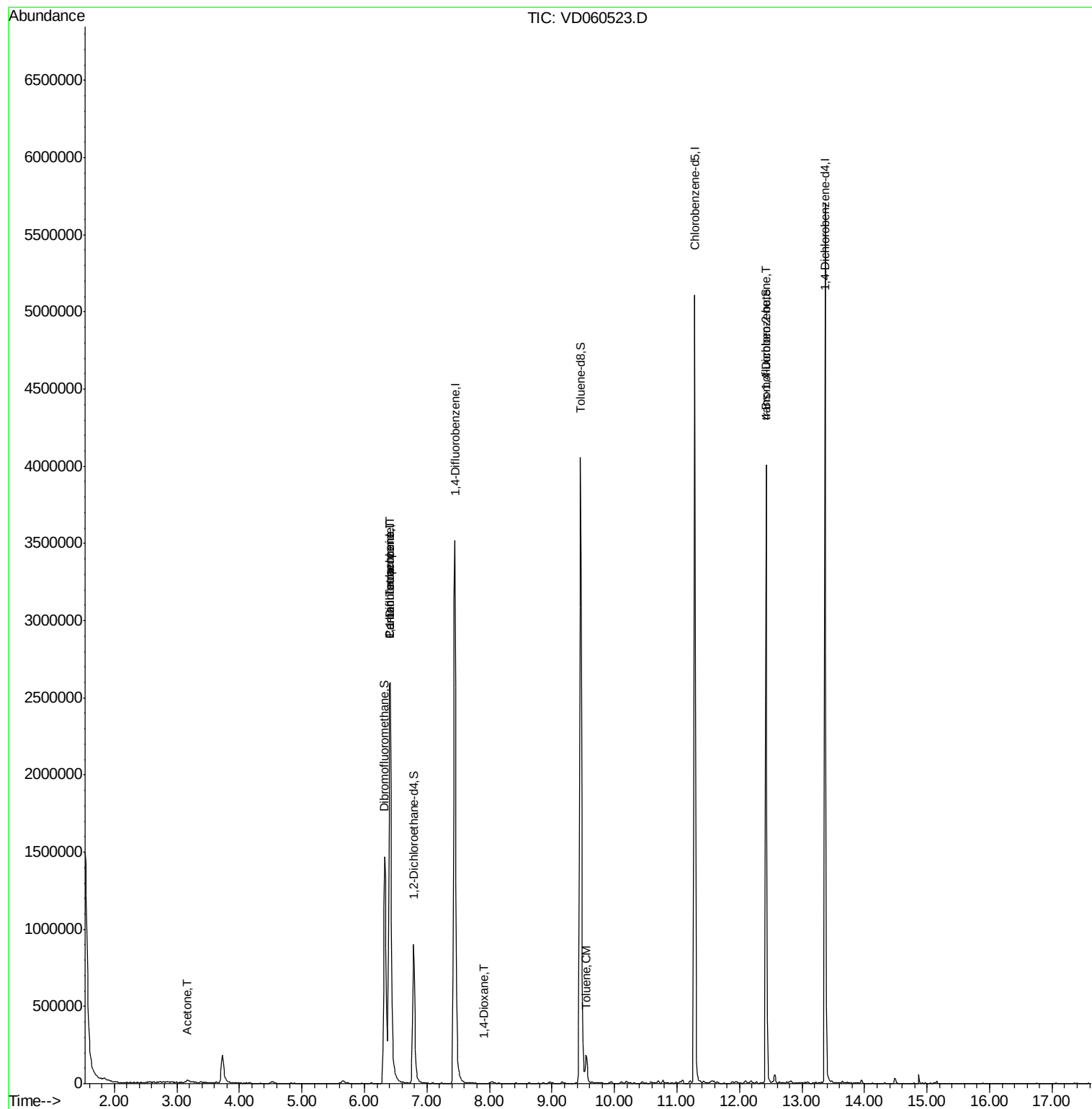
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	2725931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	3811666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	2959066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	1301509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	765699	39.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.26%	
35) Dibromofluoromethane	6.32	113	1211798	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
50) Toluene-d8	9.45	98	3337262	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
62) 4-Bromofluorobenzene	12.43	95	1139132	39.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.58%	
Target Compounds						
2) Dichlorodifluoromethane	1.60	85	279	Below Cal	#	41
16) Acetone	3.18	43	40157	12.966	ug/l	93
31) Cyclohexane	6.40	56	54338	Below Cal	#	1
36) 1,1-Dichloropropene	6.40	75	190980	5.126	ug/l #	47
38) Carbon Tetrachloride	6.41	117	213959	6.397	ug/l #	15
49) 1,4-Dioxane	7.91	88	179	1.673	ug/l #	26
52) Toluene	9.55	92	87465	1.470	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.43	75	454394	110.478	ug/l #	14
89) n-Butylbenzene	13.65	91	5510	Below Cal		89

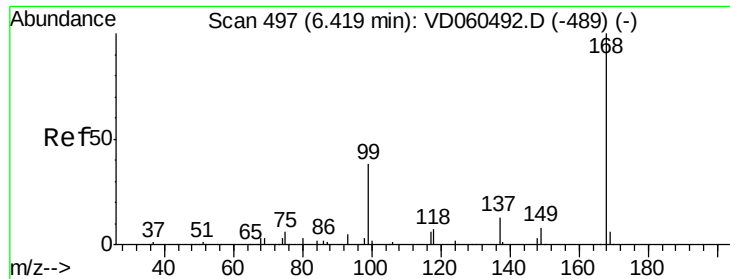
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121018\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
K-120718-RO

Quant Time: Dec 11 06:47:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

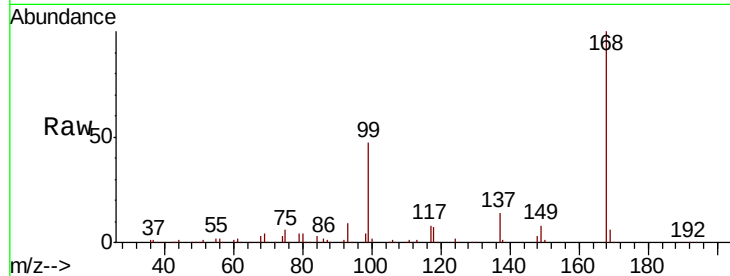
K-120718-RO

Tot Ion:168 Resp: 2725931

Ion Ratio Lower Upper

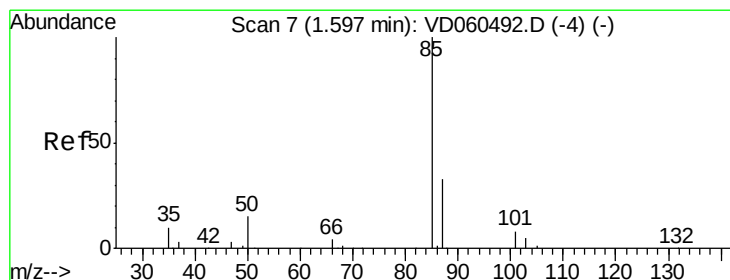
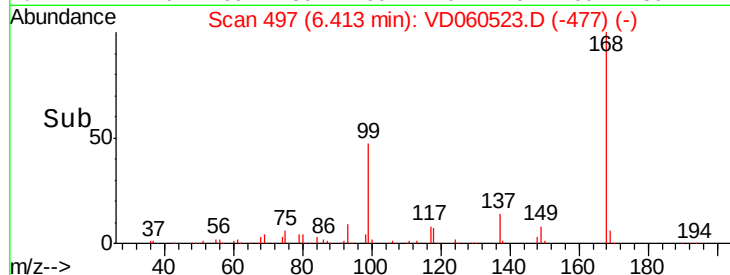
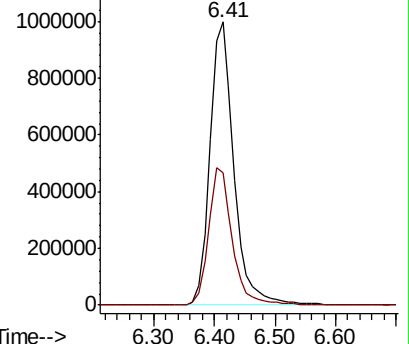
168 100

99 46.8 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.00 min

Lab File: VD060523.D

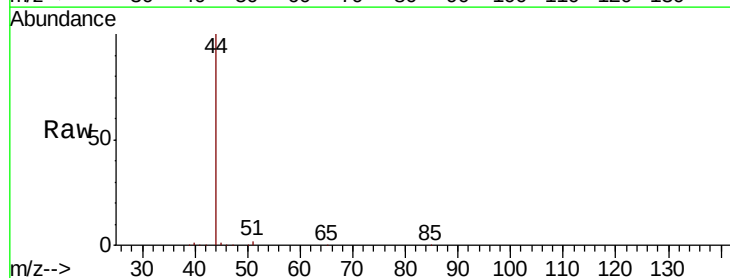
Acq: 10 Dec 2018 14:25

Tgt Ion: 85 Resp: 279

Ion Ratio Lower Upper

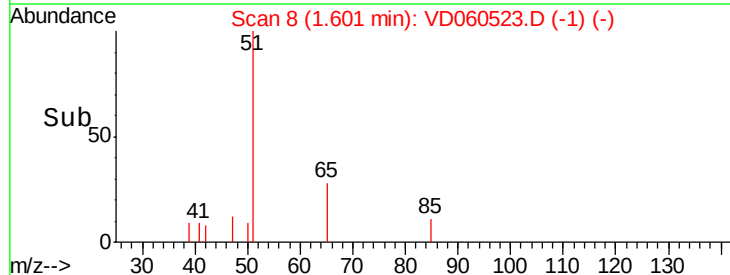
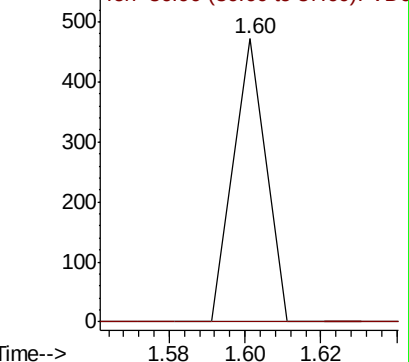
85 100

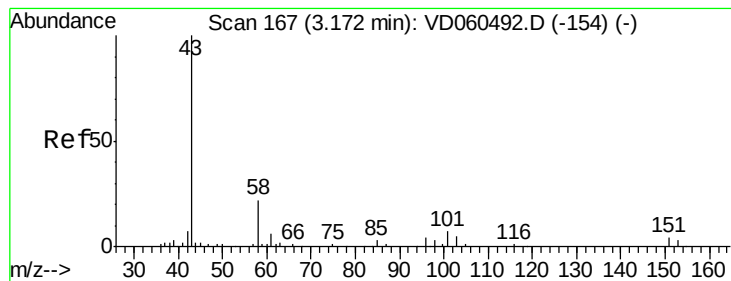
87 0.0 16.7 50.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#16

Acetone

Concen: 12.966 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

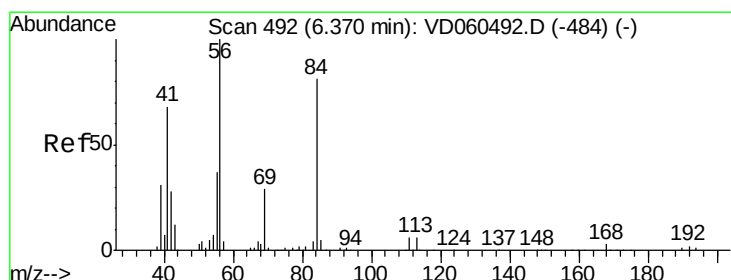
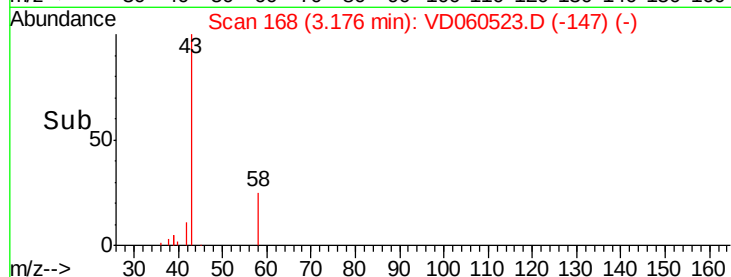
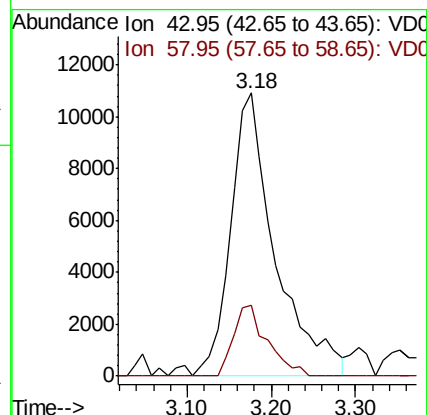
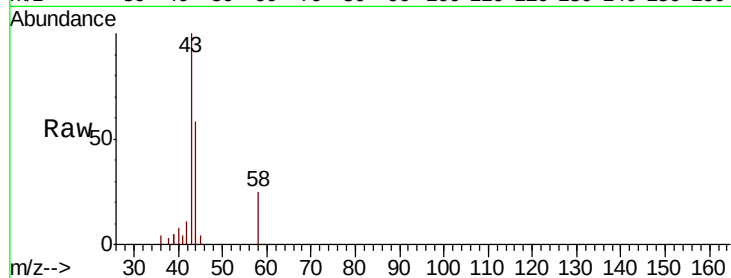
K-120718-RO

Tot Ion: 43 Resp: 40157

Ion Ratio Lower Upper

43 100

58 24.9 17.3 25.9



#31

Cyclohexane

Concen: Below Cal

RT: 6.40 min Scan# 496

Delta R.T. 0.03 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

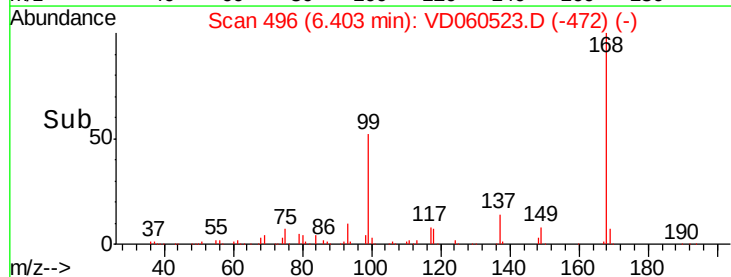
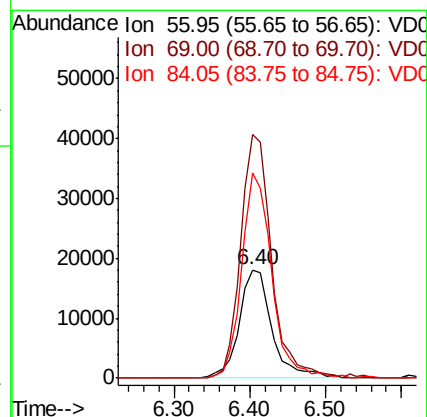
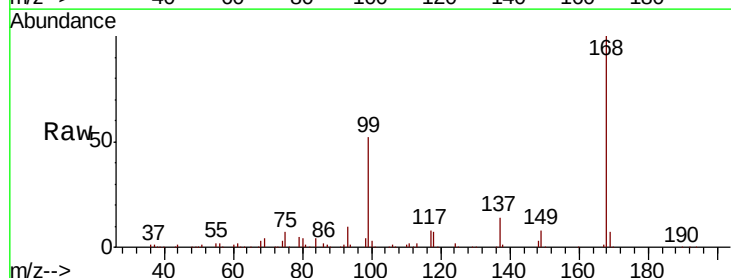
Tgt Ion: 56 Resp: 54338

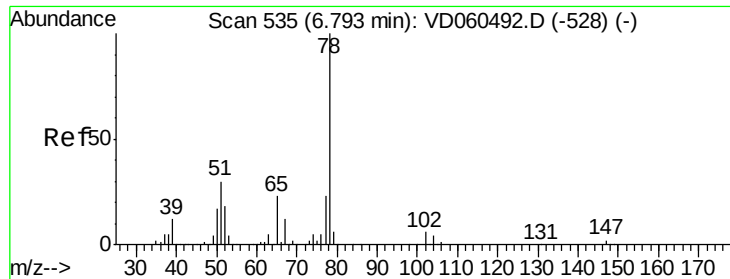
Ion Ratio Lower Upper

56 100

69 224.3 22.8 34.2#

84 189.1 65.1 97.7#

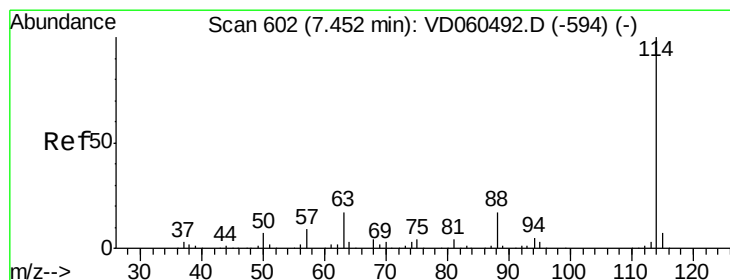
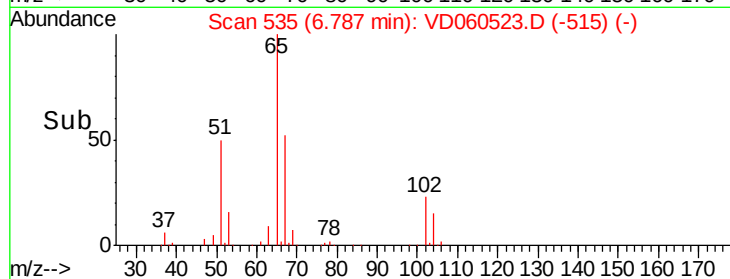
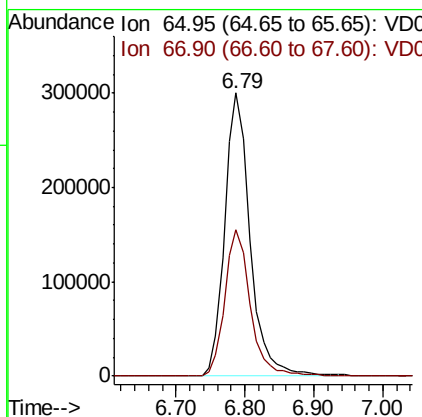
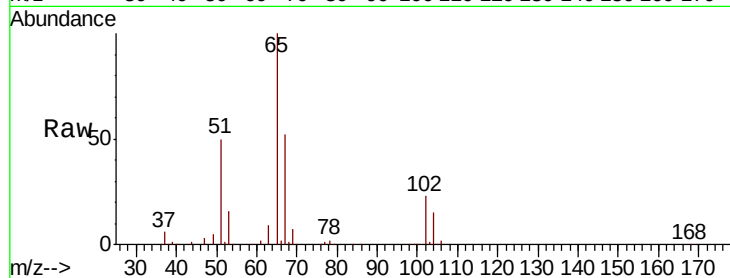




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060523.D
 Acq: 10 Dec 2018 14:25

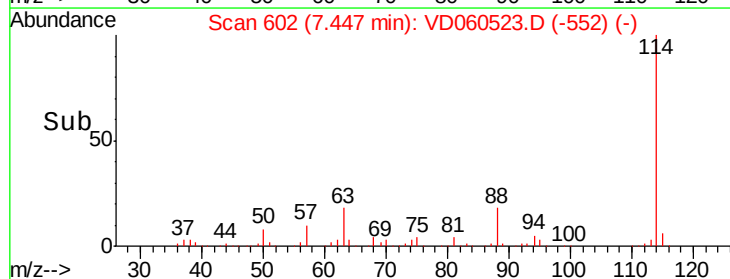
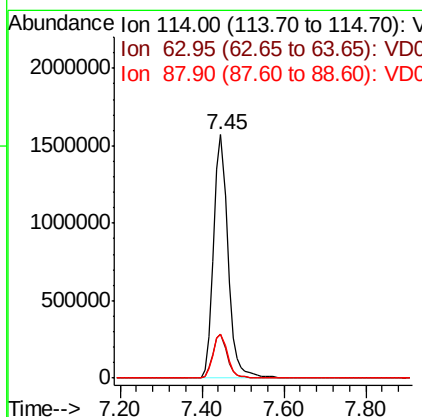
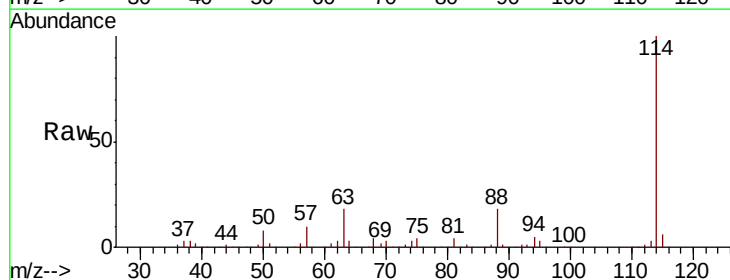
Instrument :
 MSVOA_D
 ClientSampleId :
 K-120718-RO

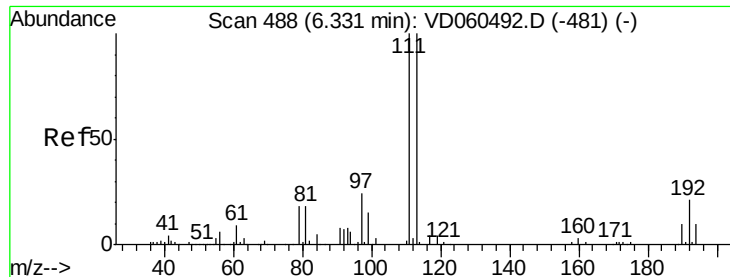
Tot Ion: 65 Resp: 765699
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060523.D
 Acq: 10 Dec 2018 14:25

Tgt Ion: 114 Resp: 3811666
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.2
 88 17.9 0.0 35.0

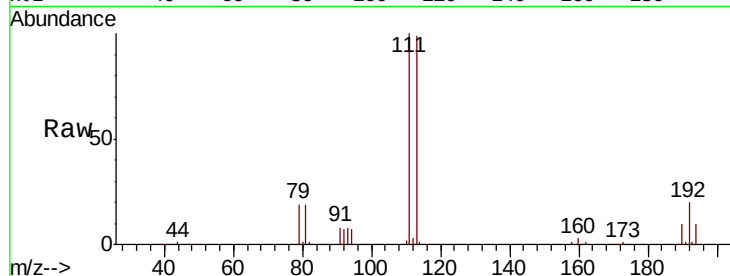




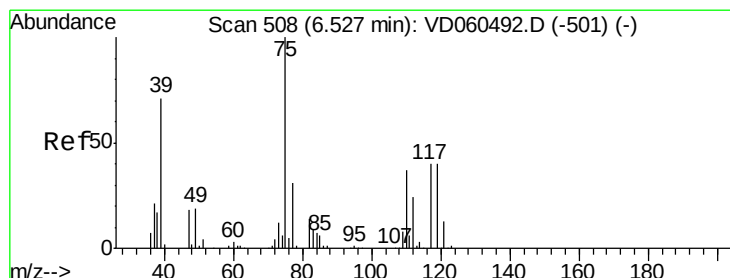
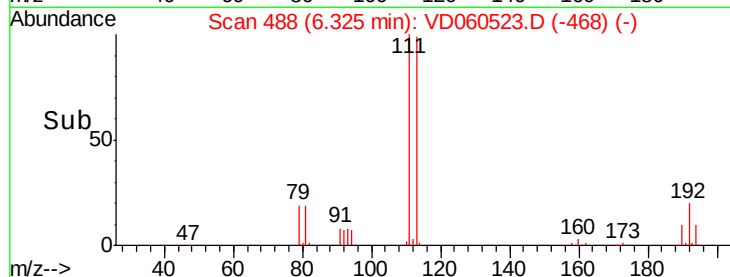
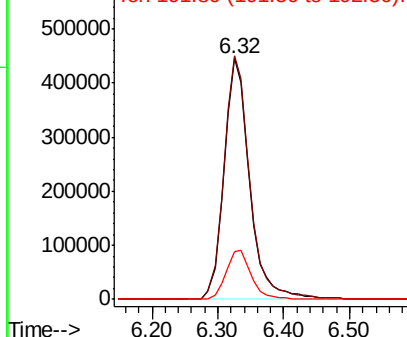
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060523.D
Acq: 10 Dec 2018 14:25

Instrument :
MSVOA_D
ClientSampleId :
K-120718-RO

Tot Ion:113 Resp: 1211798
Ion Ratio Lower Upper
113 100
111 101.2 80.2 120.4
192 20.0 16.6 24.8

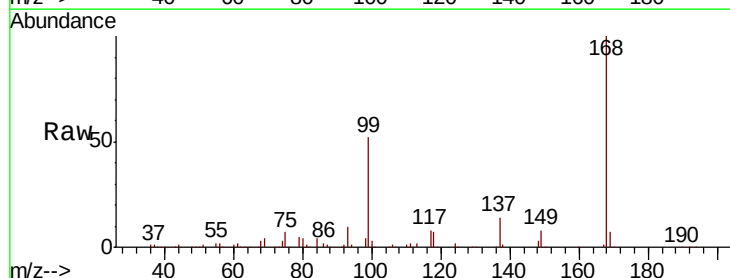


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

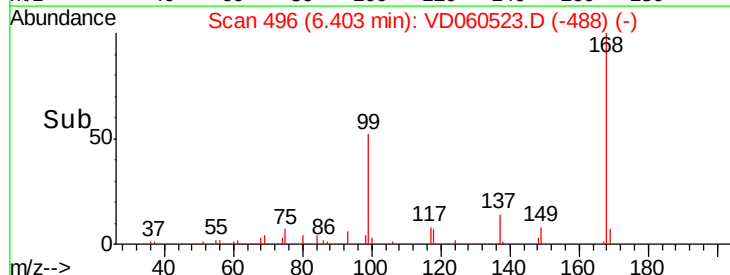
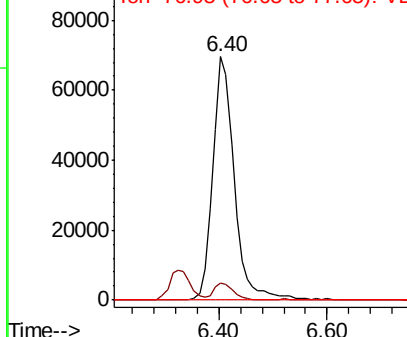


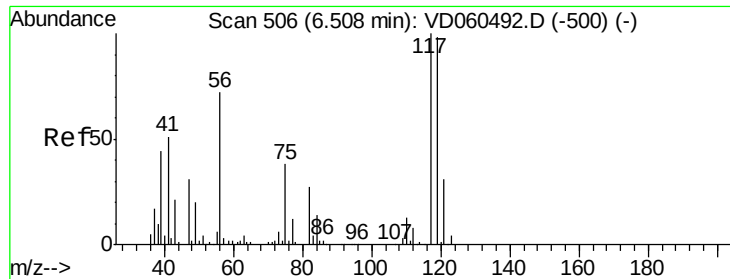
#36
1,1-Dichloropropene
Concen: 5.126 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.12 min
Lab File: VD060523.D
Acq: 10 Dec 2018 14:25

Tgt Ion: 75 Resp: 190980
Ion Ratio Lower Upper
75 100
110 6.8 18.3 54.8#
77 0.0 24.6 37.0#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.397 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.09 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

K-120718-RO

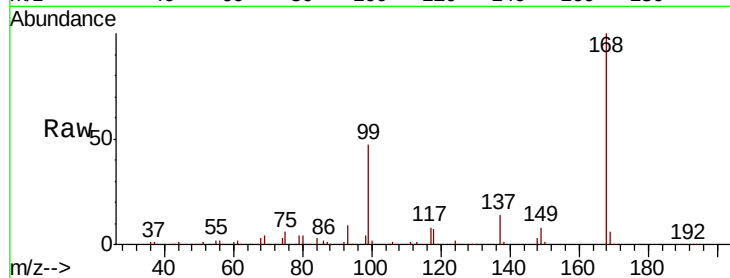
Tot Ion:117 Resp: 213959

Ion Ratio Lower Upper

117 100

119 4.3 76.8 115.2#

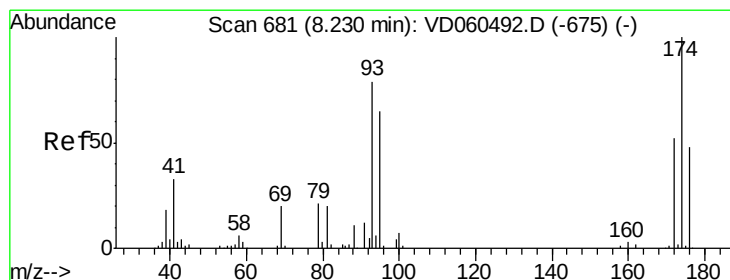
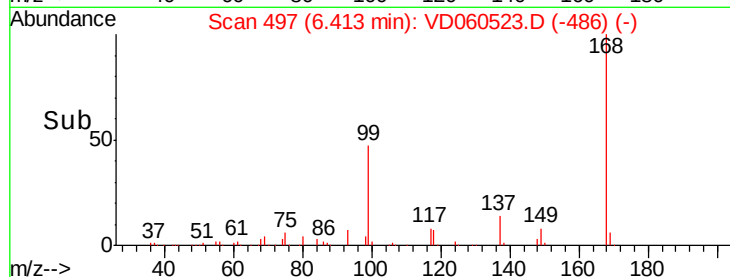
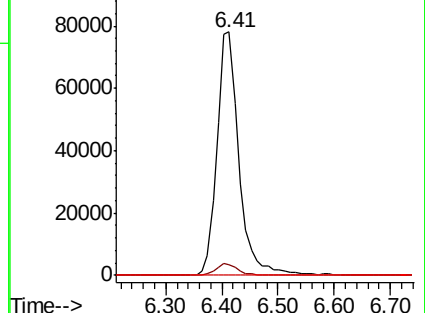
121 0.0 24.4 36.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#49

1,4-Dioxane

Concen: 1.673 ug/l

RT: 7.91 min Scan# 649

Delta R.T. -0.32 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

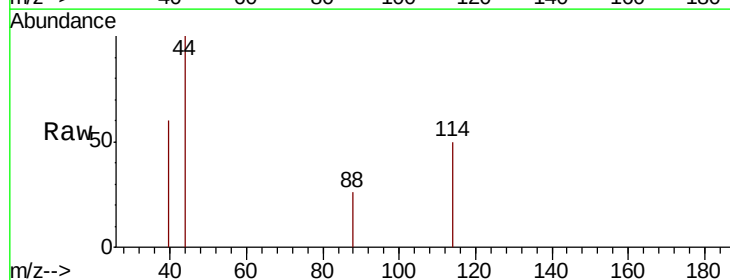
Tgt Ion: 88 Resp: 179

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

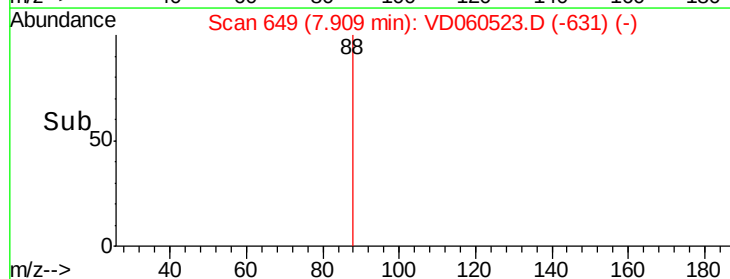
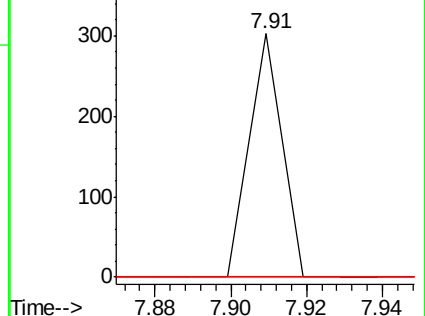
58 0.0 47.7 71.5#

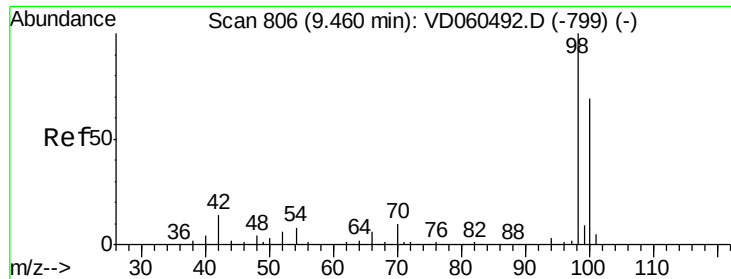


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC

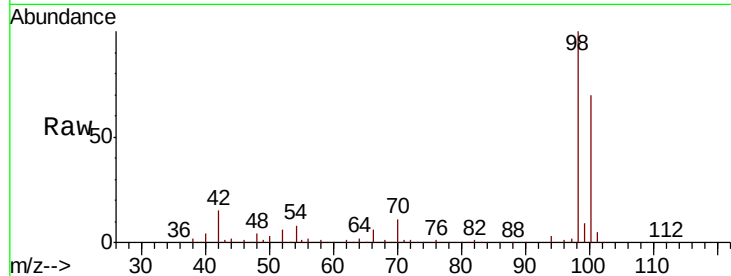




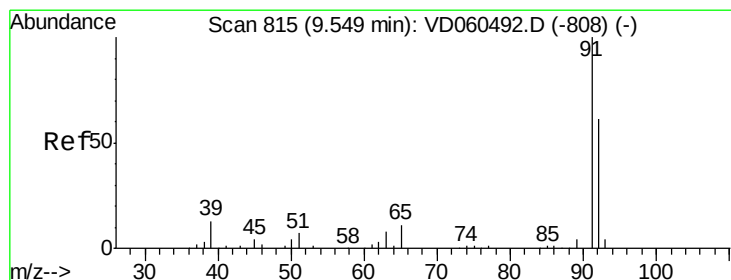
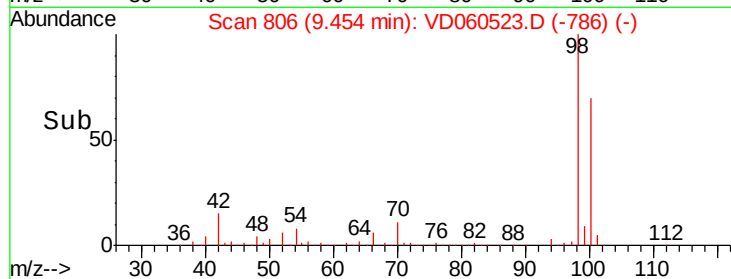
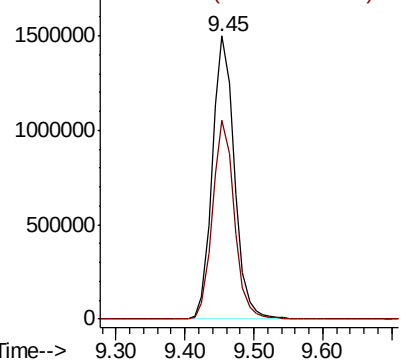
#50
Toluene-d8
Concen: 1.673 ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060523.D
Acq: 10 Dec 2018 14:25

Instrument :
MSVOA_D
ClientSampleId :
K-120718-RO

Tot Ion: 98 Resp: 3337262
Ion Ratio Lower Upper
98 100
100 70.3 55.7 83.5

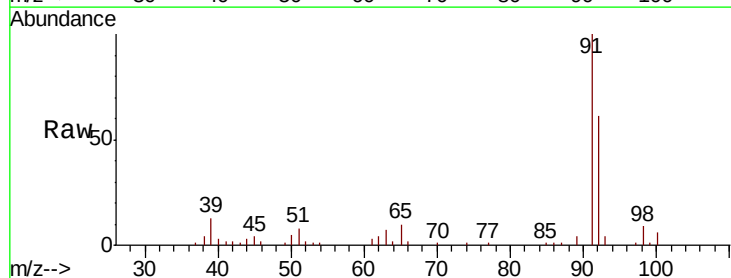


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

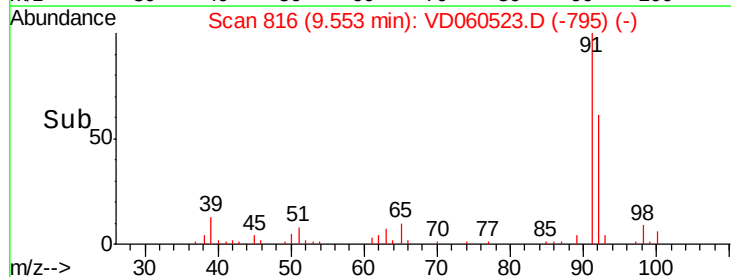
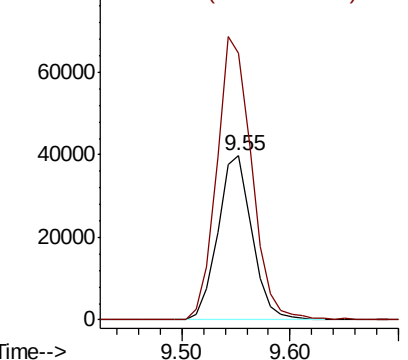


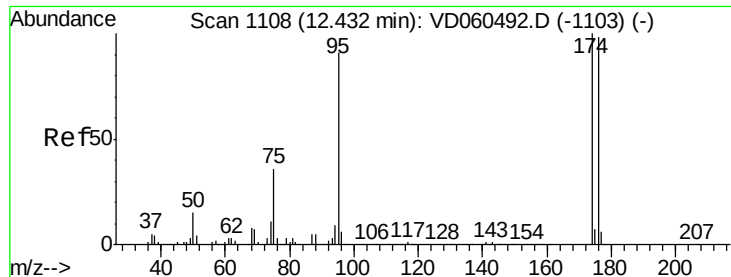
#52
Toluene
Concen: 1.470 ug/l
RT: 9.55 min Scan# 816
Delta R.T. 0.00 min
Lab File: VD060523.D
Acq: 10 Dec 2018 14:25

Tgt Ion: 92 Resp: 87465
Ion Ratio Lower Upper
92 100
91 162.8 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VD0
Ion 91.00 (90.70 to 91.70): VD0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

K-120718-RO

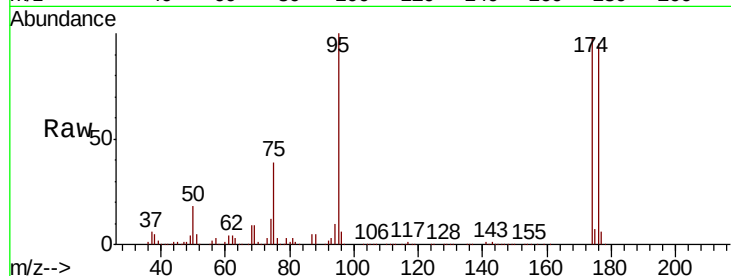
Tot Ion: 95 Resp: 1139132

Ion Ratio Lower Upper

95 100

174 98.5 0.0 219.4

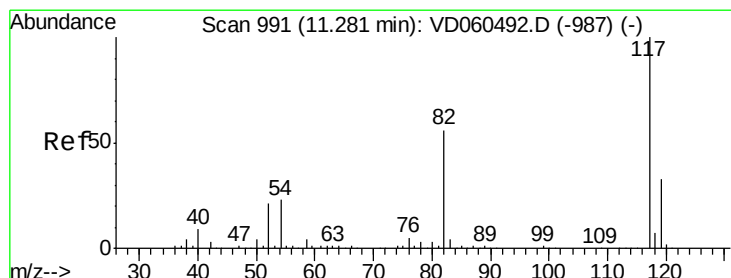
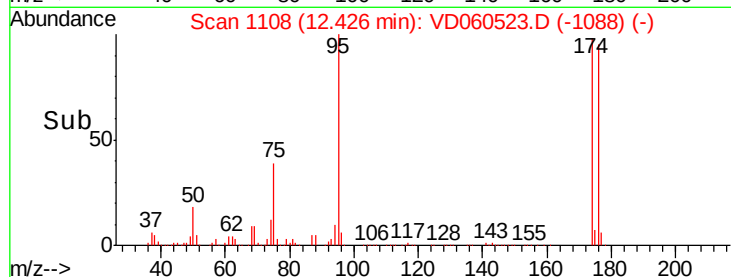
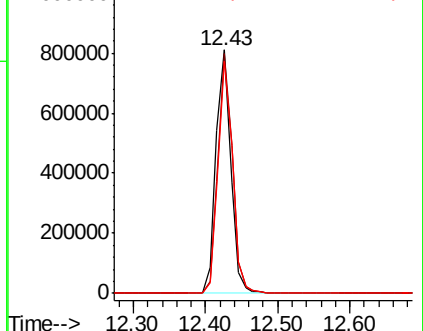
176 95.2 0.0 214.6



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# 992

Delta R.T. 0.00 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

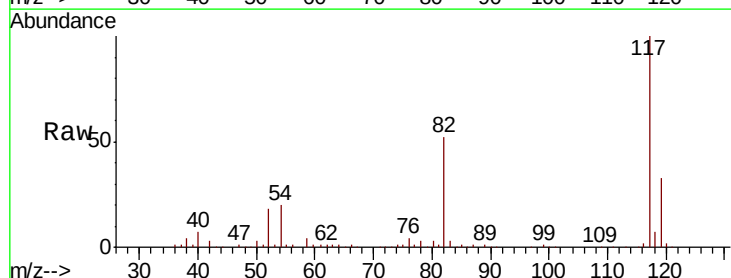
Tgt Ion: 117 Resp: 2959066

Ion Ratio Lower Upper

117 100

82 51.8 45.2 67.8

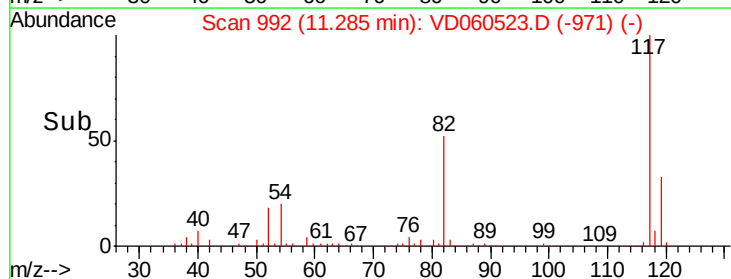
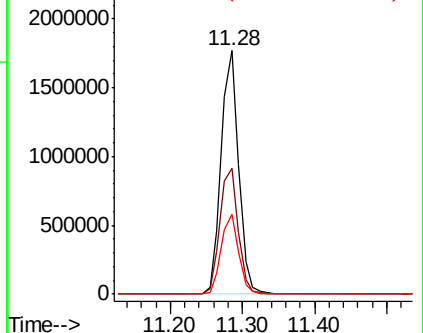
119 32.9 26.1 39.1

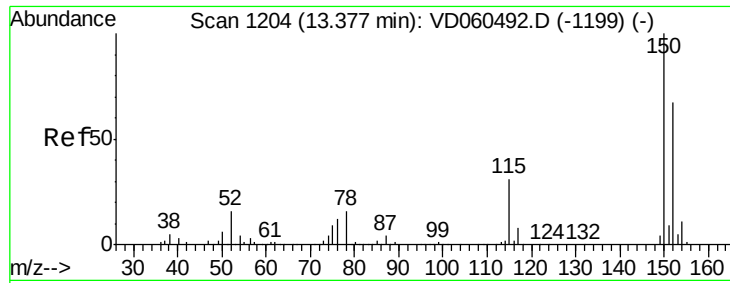


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

K-120718-RO

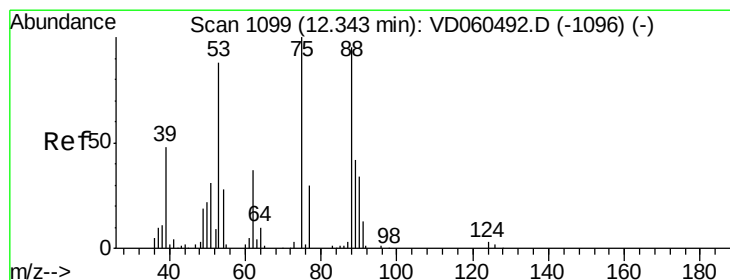
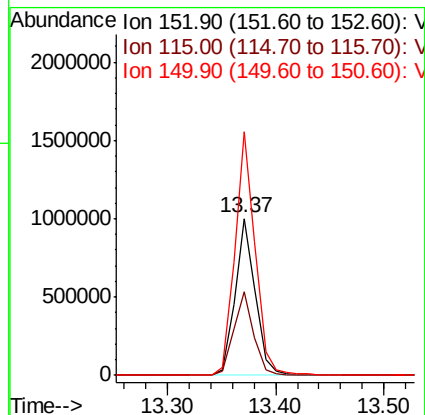
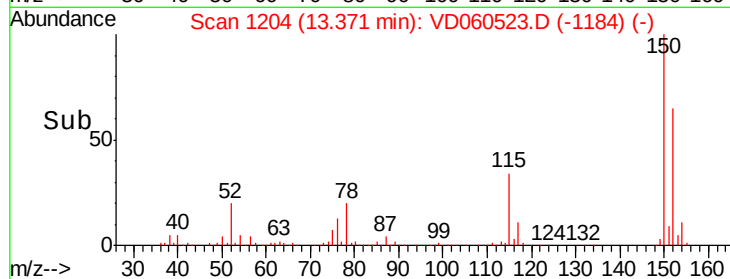
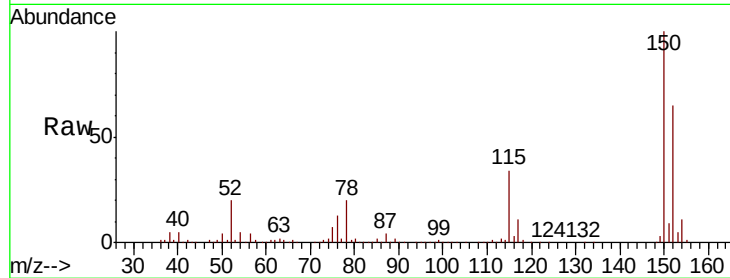
Tot Ion:152 Resp: 1301509

Ion Ratio Lower Upper

152 100

115 53.4 24.6 74.0

150 154.9 0.0 309.0



#81

trans-1,4-Dichloro-2-butene

Concen: 110.478 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Tgt Ion: 75 Resp: 454394

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 33.6 50.4#

