

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062048.D
 Acq On : 25 Apr 2019 19:52
 Operator : VA/AP
 Sample : K2564-01
 Misc : 5.36g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 01:44:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

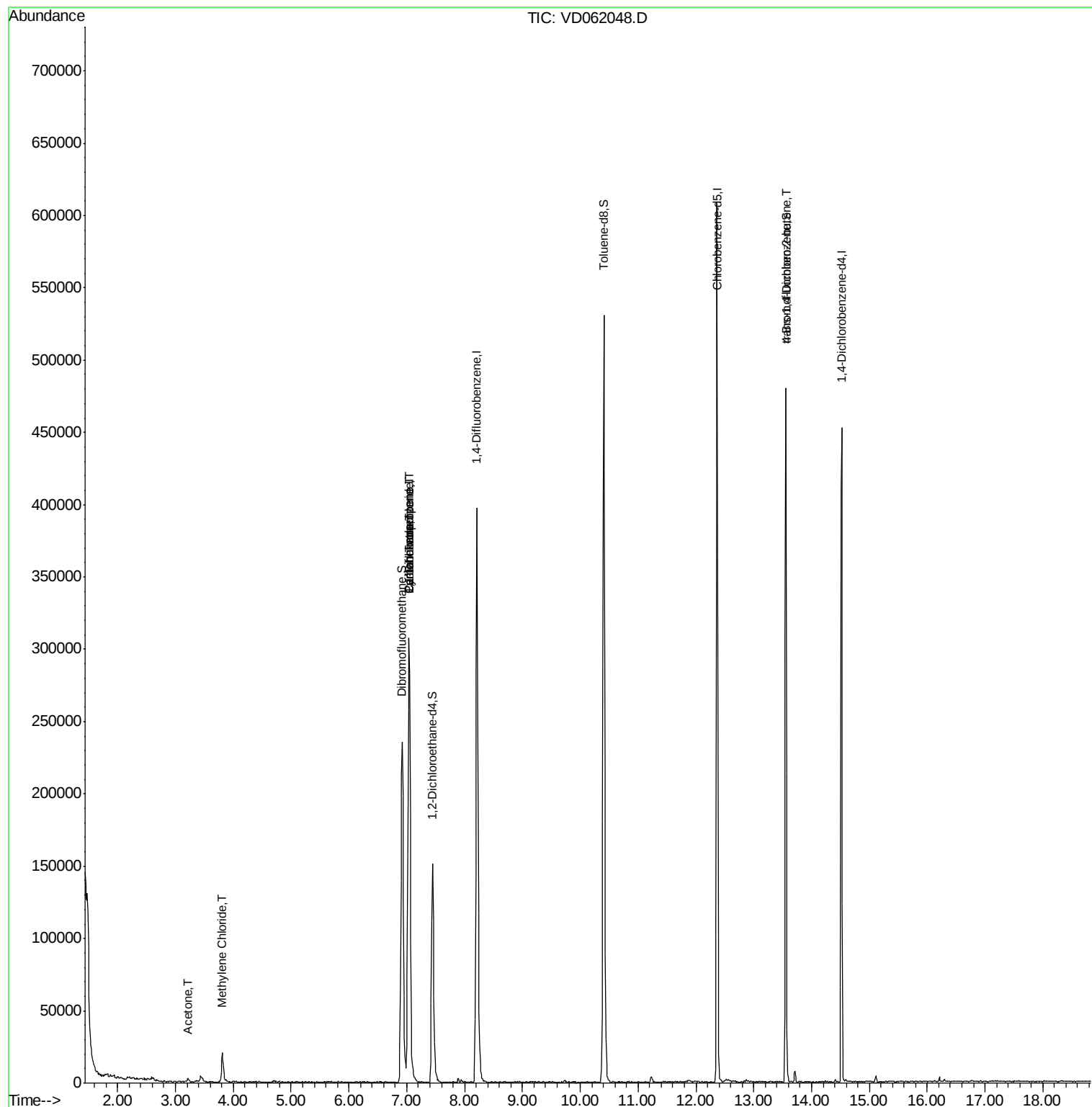
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	307954	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	473965	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	351058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	112973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	167346	69.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	138.86%	
35) Dibromofluoromethane	6.92	113	219697	67.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	134.04%	
50) Toluene-d8	10.41	98	449987	57.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.38%	
62) 4-Bromofluorobenzene	13.56	95	142926	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
					Qvalue	
16) Acetone	3.21	43	4270	7.420	ug/l #	89
20) Methylene Chloride	3.81	84	14129	1.981	ug/l	96
31) Cyclohexane	7.04	56	4855	1.352	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	23283	6.305	ug/l #	46
38) Carbon Tetrachloride	7.04	117	30078	6.428	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	57218	131.616	ug/l #	16

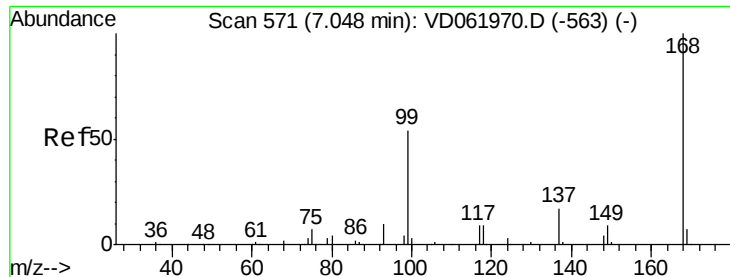
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

Instrument :

MSVOA_D

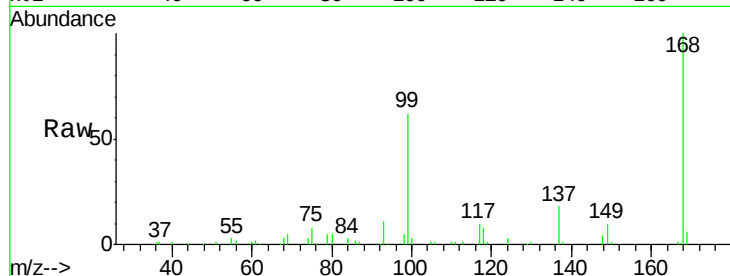
ClientSampleId :

Tot Ion:168 Resp: 307954

Ion Ratio Lower Upper

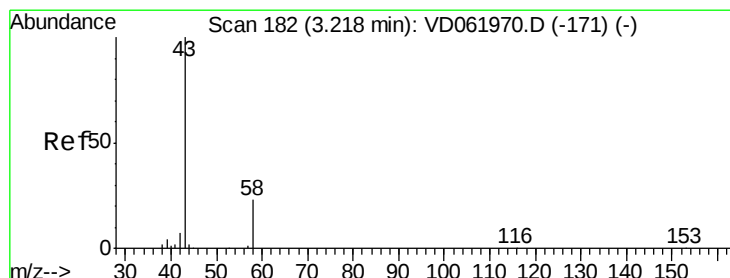
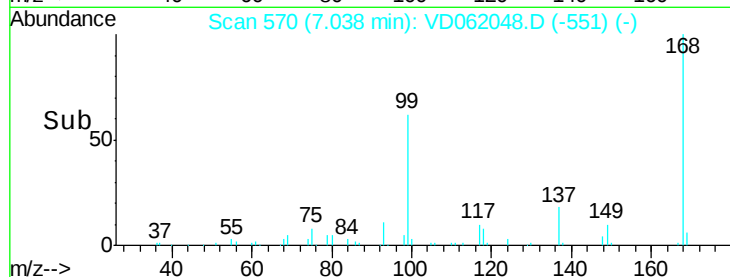
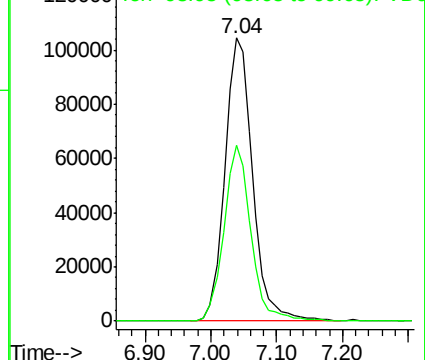
168 100

99 62.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 7.420 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062048.D

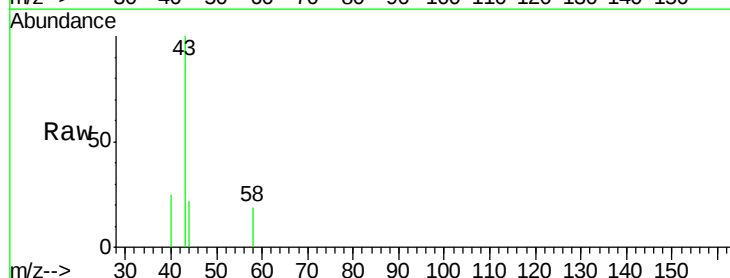
Acq: 25 Apr 2019 19:52

Tgt Ion: 43 Resp: 4270

Ion Ratio Lower Upper

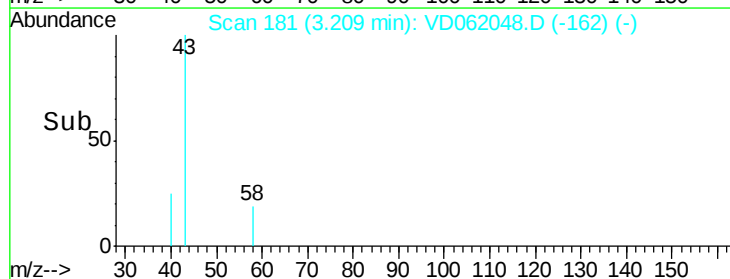
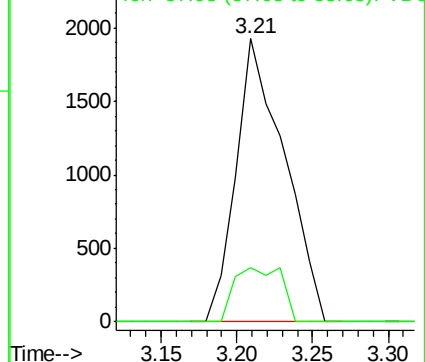
43 100

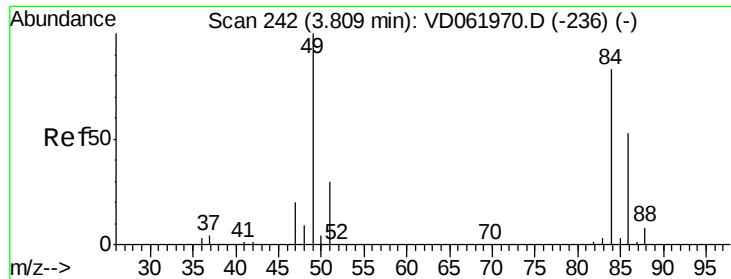
58 19.2 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

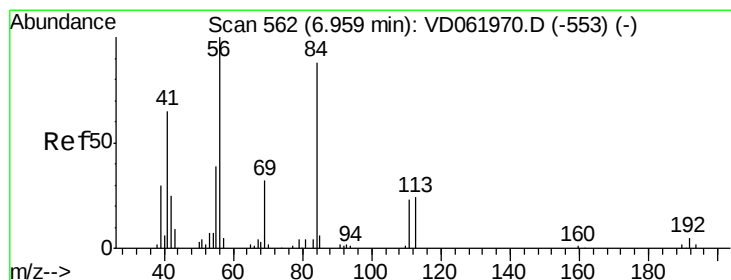
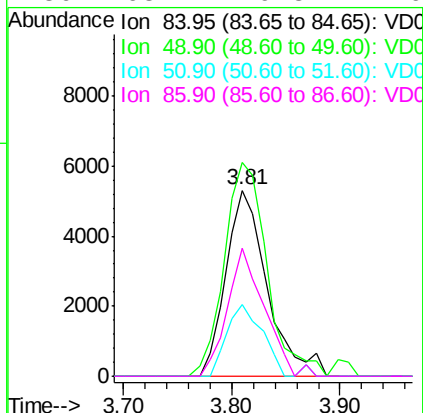
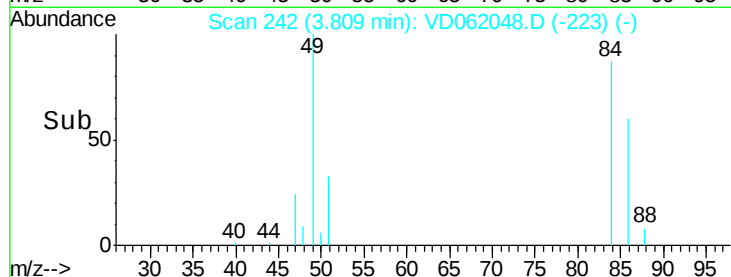
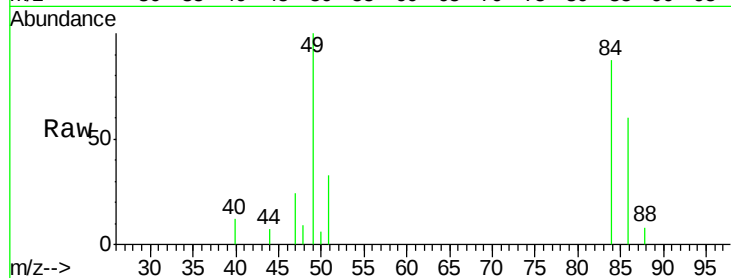




#20
Methvlene Chloride
Concen: 1.981 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD062048.D
Acq: 25 Apr 2019 19:52

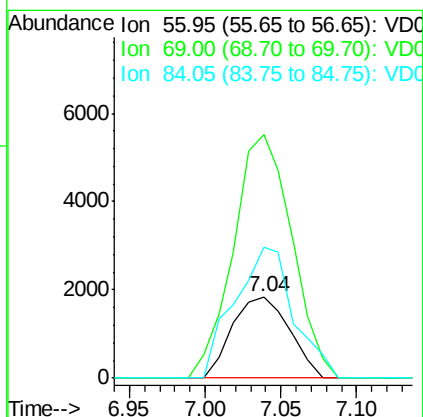
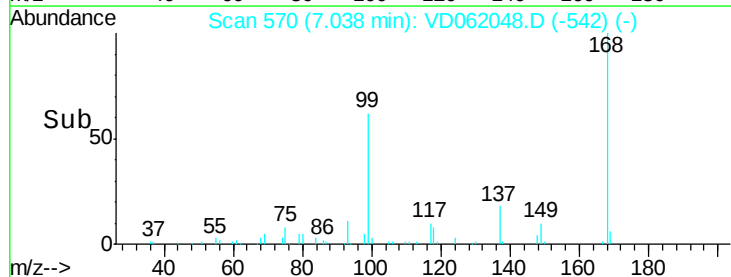
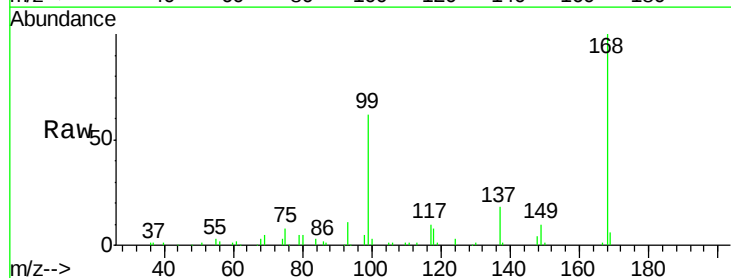
Instrument :
MSVOA_D
ClientSampled :

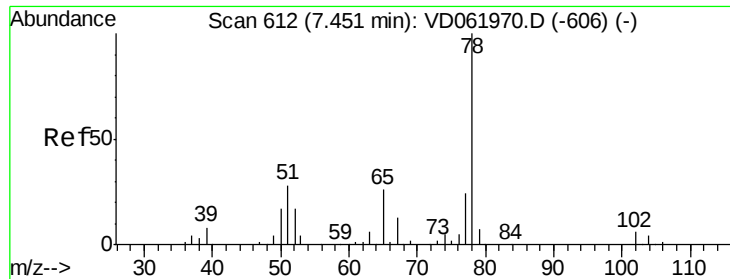
Tot Ion: 84 Resp: 14129
Ion Ratio Lower Upper
84 100
49 114.7 94.0 141.0
51 38.4 29.0 43.4
86 68.7 49.8 74.6



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.07 min
Lab File: VD062048.D
Acq: 25 Apr 2019 19:52

Tgt Ion: 56 Resp: 4855
Ion Ratio Lower Upper
56 100
69 299.2 25.8 38.6#
84 161.4 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: 69.432 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

Instrument :

MSVOA_D

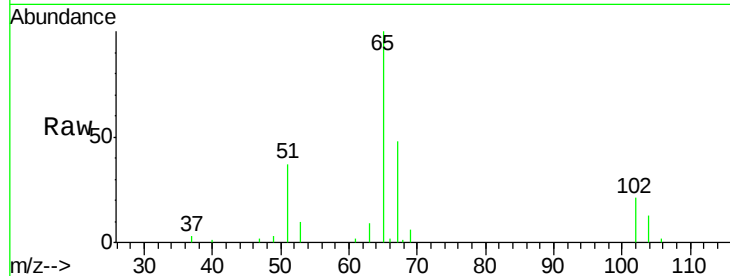
ClientSampleId :

Tot Ion: 65 Resp: 167346

Ion Ratio Lower Upper

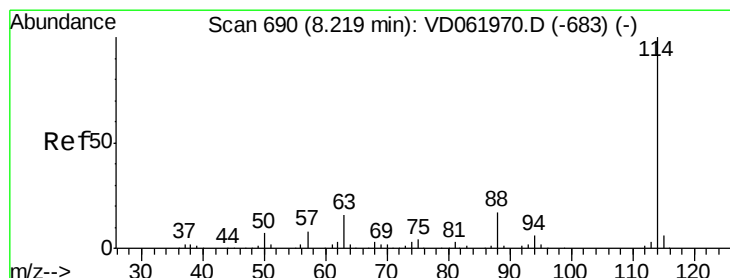
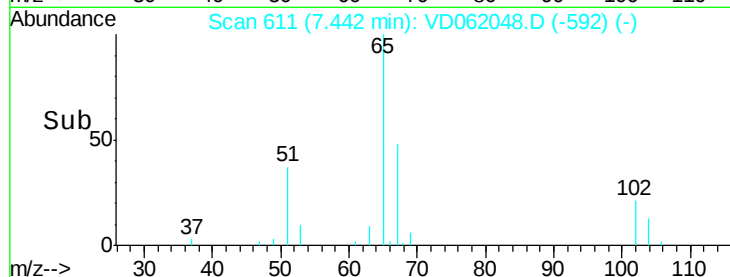
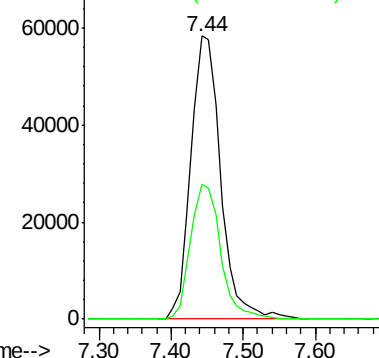
65 100

67 47.7 0.0 98.0



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: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062048.D

Acq: 25 Apr 2019 19:52

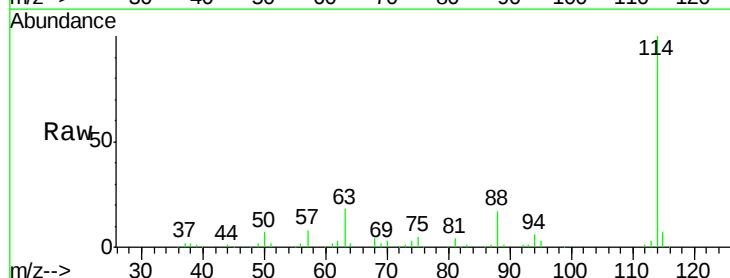
Tgt Ion: 114 Resp: 473965

Ion Ratio Lower Upper

114 100

63 17.6 0.0 32.4

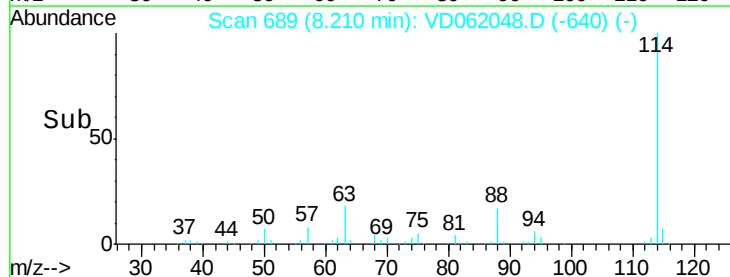
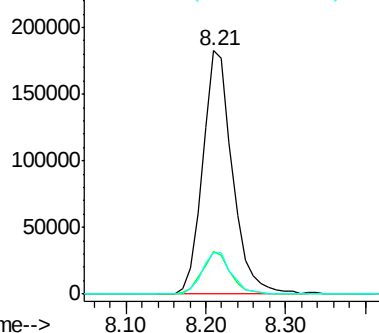
88 17.0 0.0 33.6

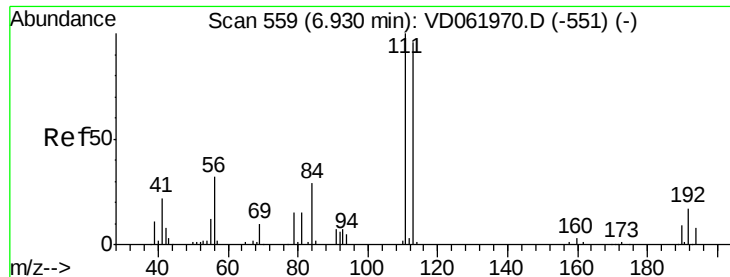


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

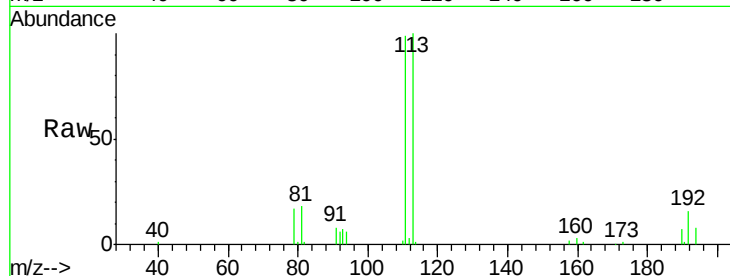




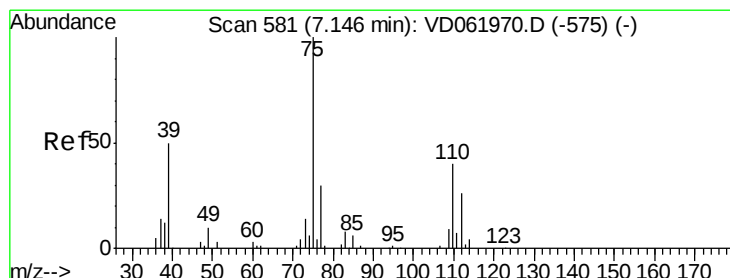
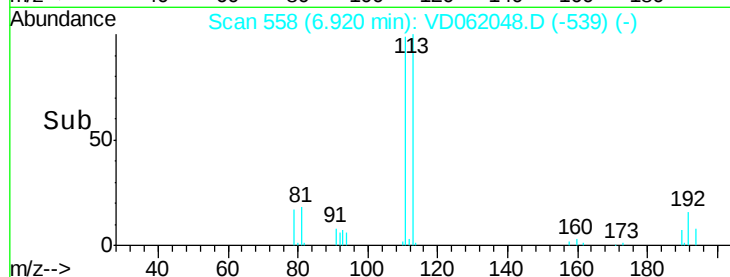
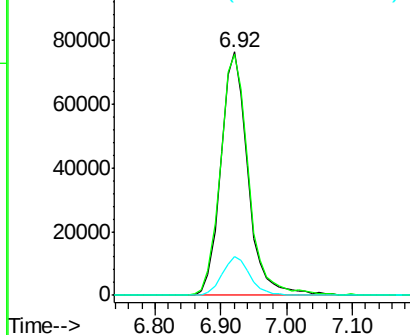
#35
 Dibromofluoromethane
 Concen: 67.023 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062048.D
 Acq: 25 Apr 2019 19:52

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.9	78.5	117.7
192	15.8	13.0	19.4

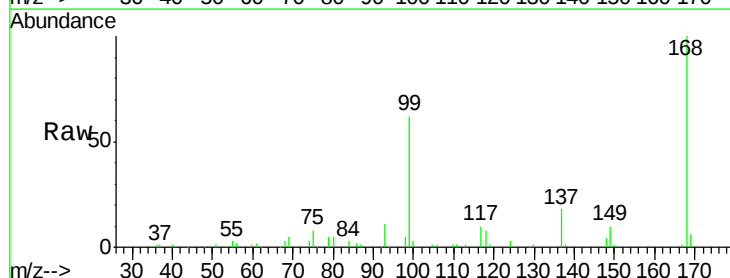


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

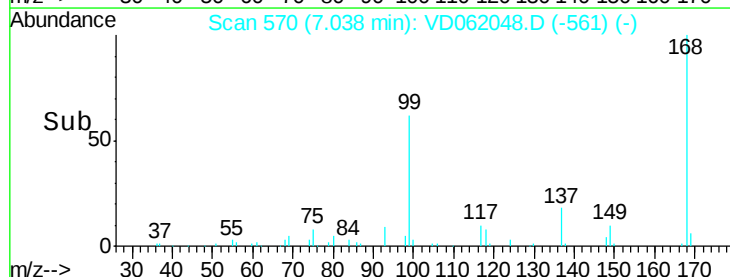
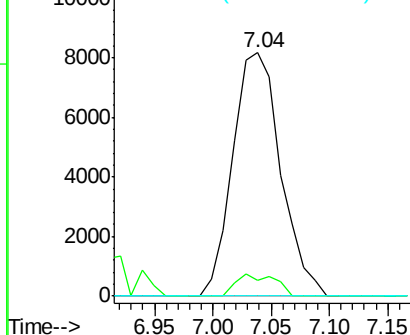


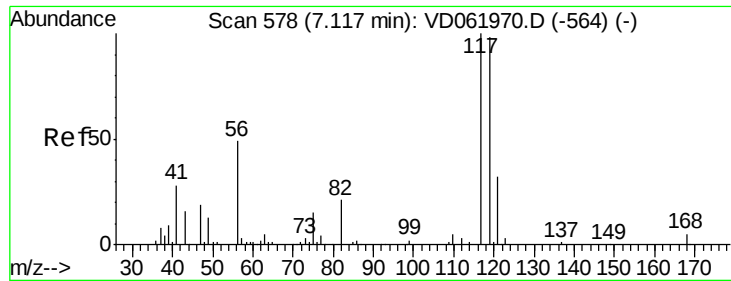
#36
 1,1-Dichloropropene
 Concen: 6.305 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD062048.D
 Acq: 25 Apr 2019 19:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.7	19.1	57.1#
77	0.0	25.6	38.4#



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

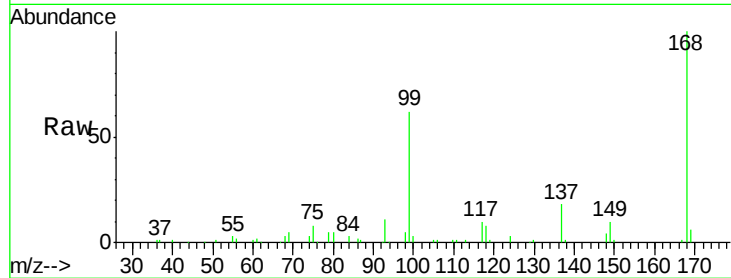




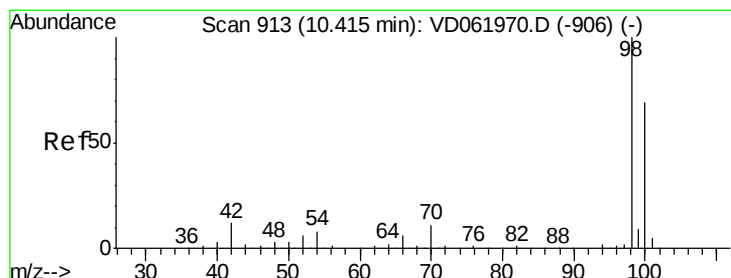
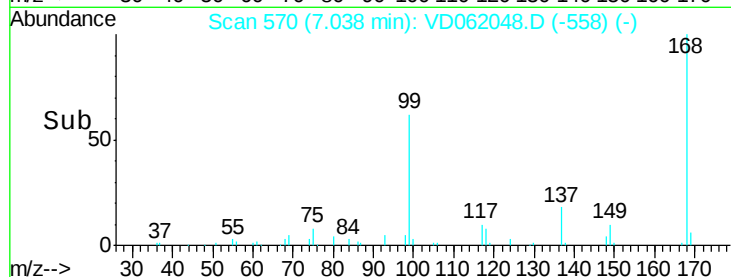
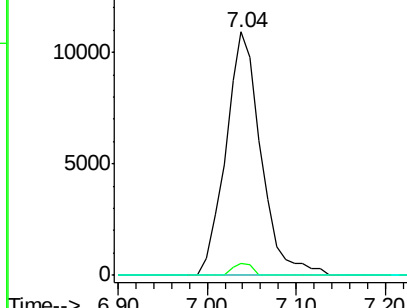
#38
Carbon Tetrachloride
Concen: 6.428 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD062048.D
Acq: 25 Apr 2019 19:52

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 30078
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 25.9 38.9#

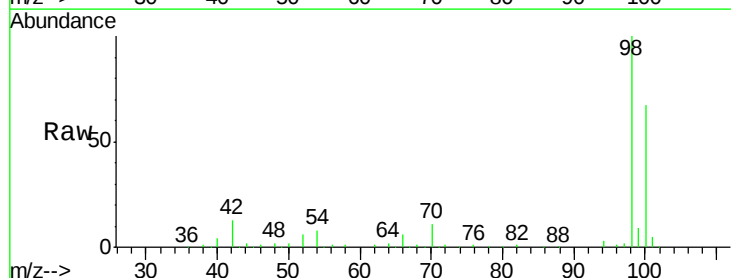


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

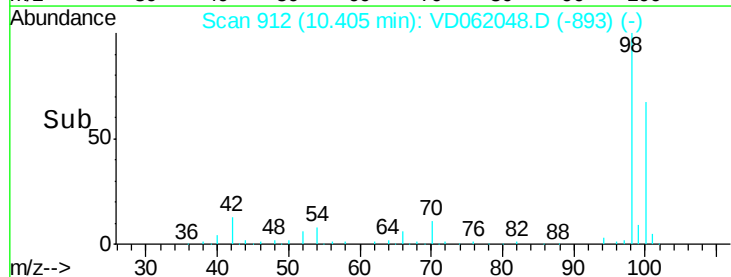
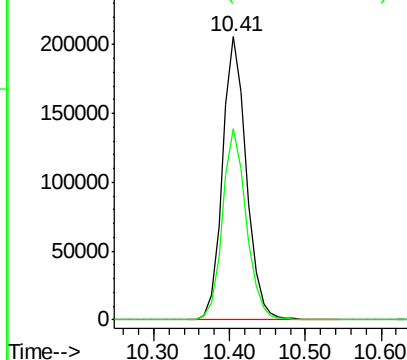


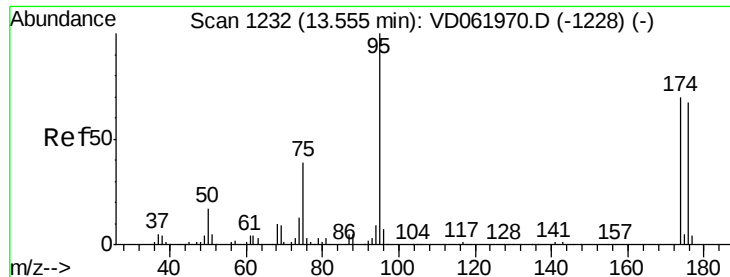
#50
Toluene-d8
Concen: 57.692 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062048.D
Acq: 25 Apr 2019 19:52

Tgt Ion: 98 Resp: 449987
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.8



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

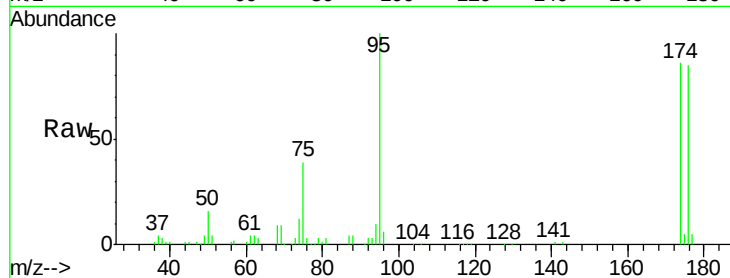




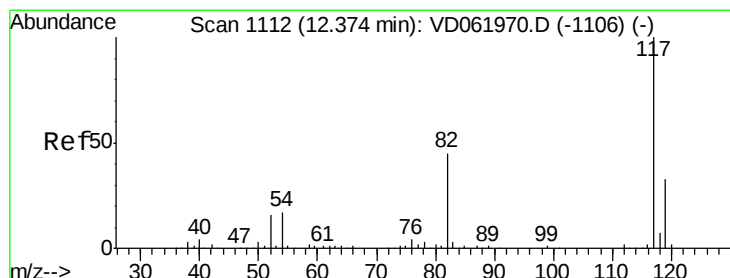
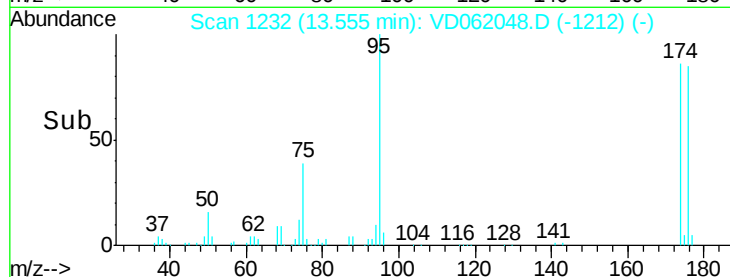
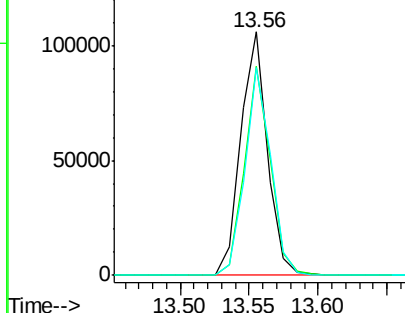
#62
4-Bromofluorobenzene
Concen: 45.686 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062048.D
Acq: 25 Apr 2019 19:52

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 95 Resp: 142926
Ion Ratio Lower Upper
95 100
174 85.8 0.0 181.8
176 85.5 0.0 174.4

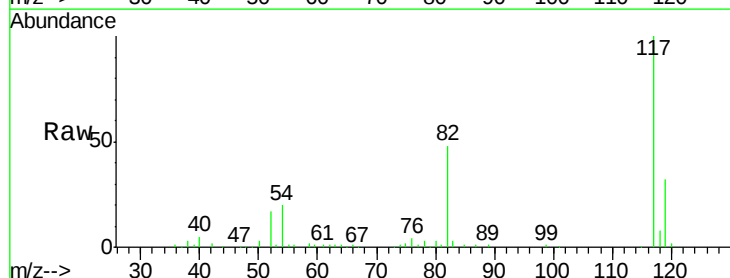


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

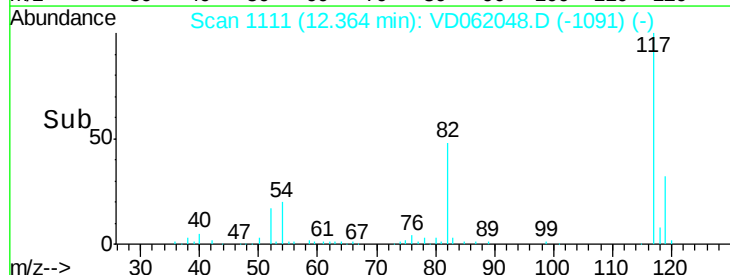
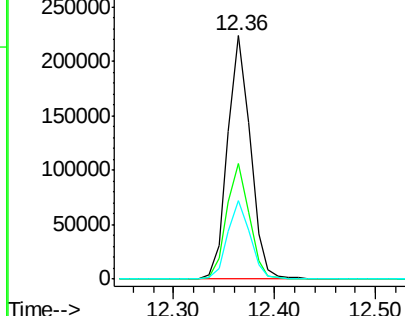


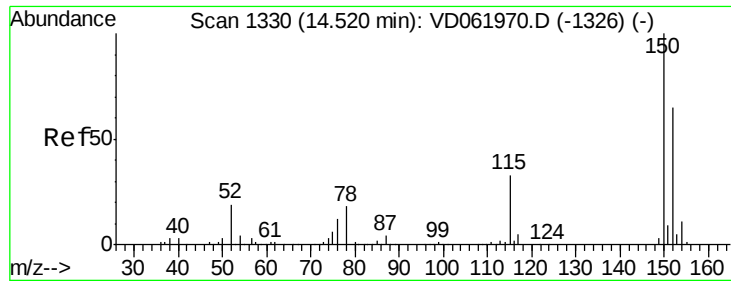
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062048.D
Acq: 25 Apr 2019 19:52

Tgt Ion: 117 Resp: 351058
Ion Ratio Lower Upper
117 100
82 47.6 36.2 54.2
119 32.2 26.2 39.4



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



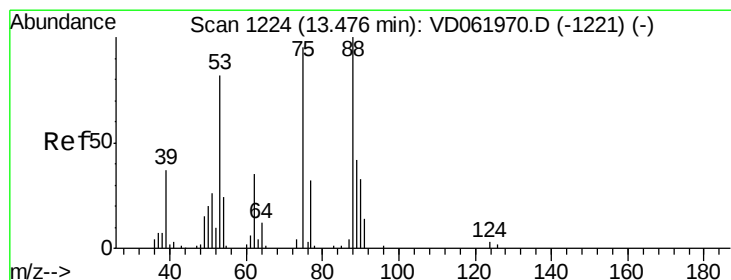
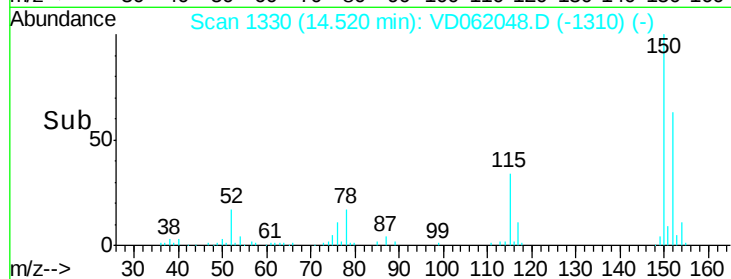
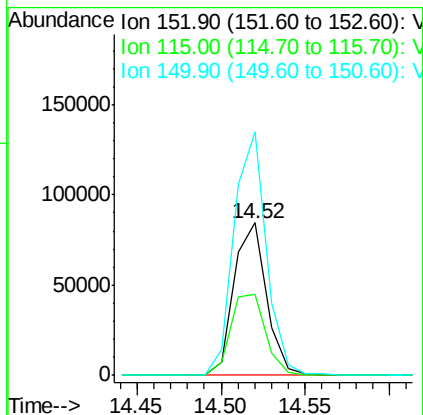
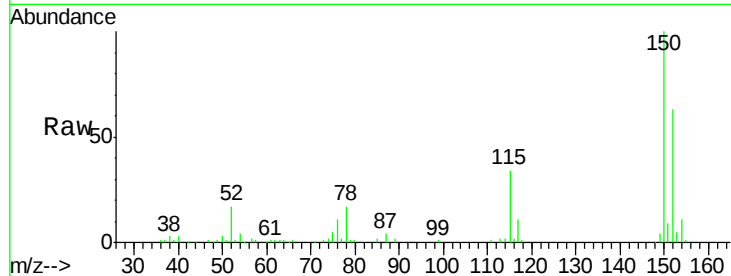


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062048.D
Acq: 25 Apr 2019 19:52

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:152 Resp: 112973
Ion Ratio Lower Upper
152 100
115 53.6 30.9 92.7
150 160.0 0.0 314.8



#81

trans-1,4-Dichloro-2-butene
Concen: 131.616 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062048.D
Acq: 25 Apr 2019 19:52

Tgt Ion: 75 Resp: 57218
Ion Ratio Lower Upper
75 100
53 0.0 65.8 98.8#
89 0.0 35.0 52.6#

