

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062157.D
 Acq On : 8 May 2019 3:49
 Operator : FY/SY
 Sample : K2672-01
 Misc : 5.01µ/5mL/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: May 08 05:14:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

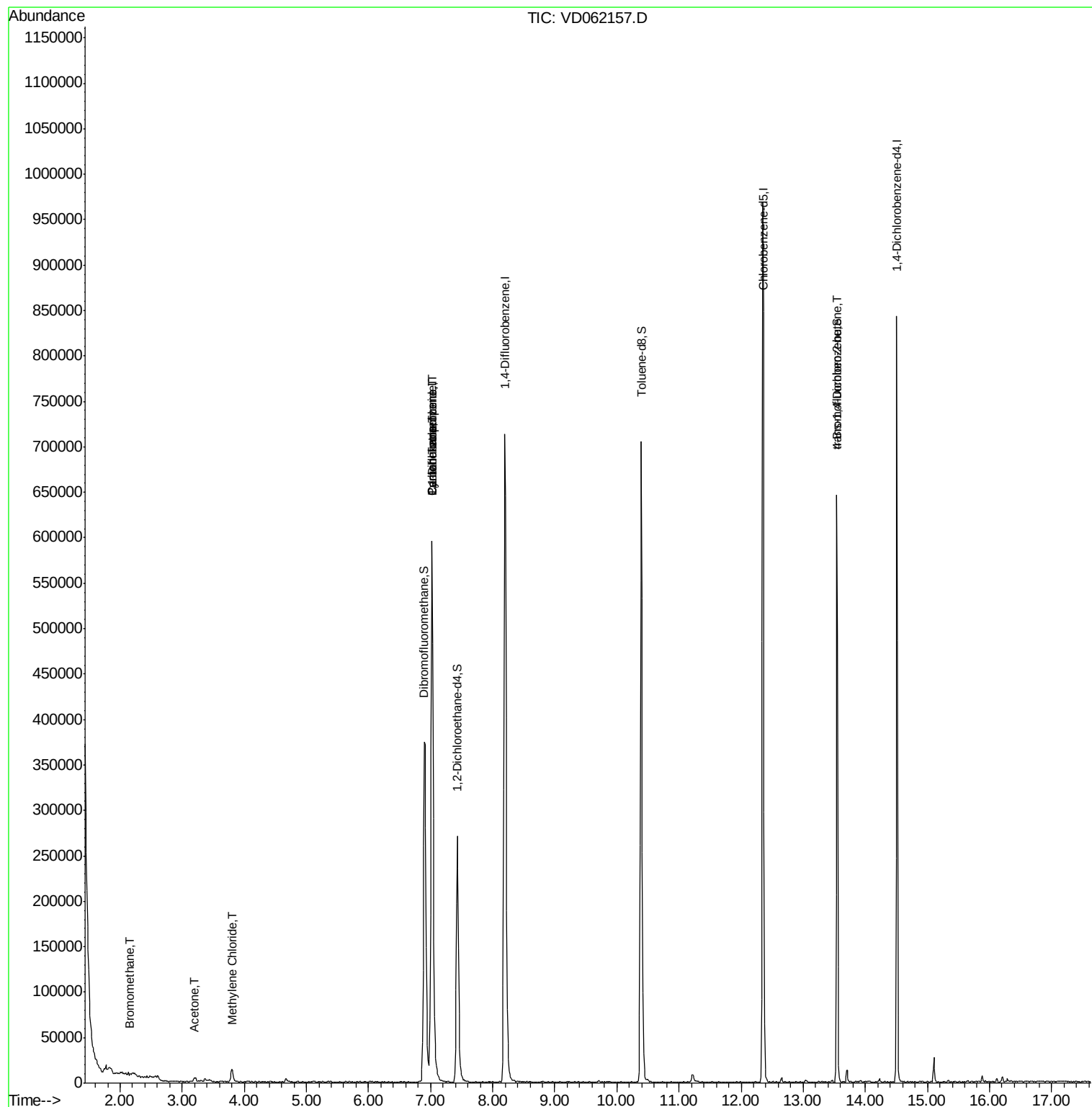
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	599480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	846053	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	567972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	173174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	270169	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	6.90	113	336093	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	10.39	98	569842	33.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.34%	
62) 4-Bromofluorobenzene	13.54	95	183528	27.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.00%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.16	94	1948	2.042	ug/l #	12
16) Acetone	3.20	43	10776	9.224	ug/l	99
20) Methylene Chloride	3.80	84	9394	1.926	ug/l	99
31) Cyclohexane	7.03	56	11410	1.952	ug/l #	2
36) 1,1-Dichloropropene	7.03	75	44123	6.361	ug/l #	51
38) Carbon Tetrachloride	7.03	117	60328	6.283	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.54	75	77247	132.957	ug/l #	16

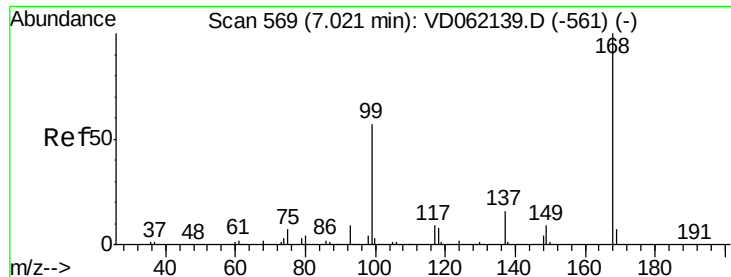
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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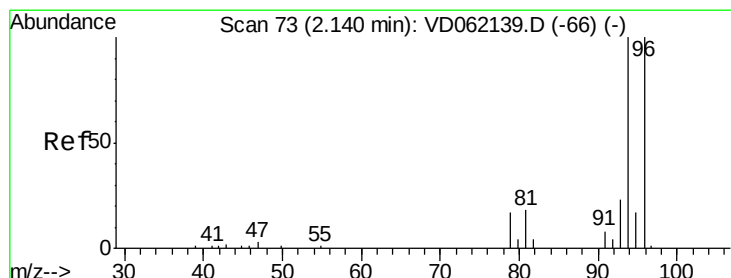
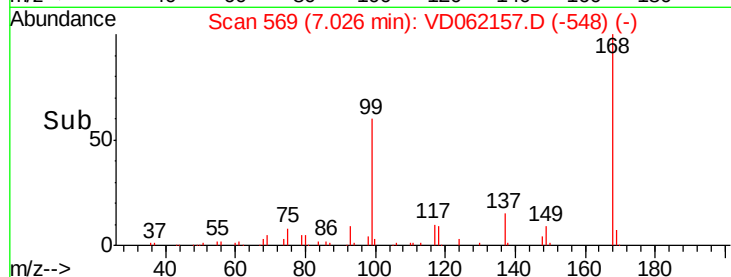
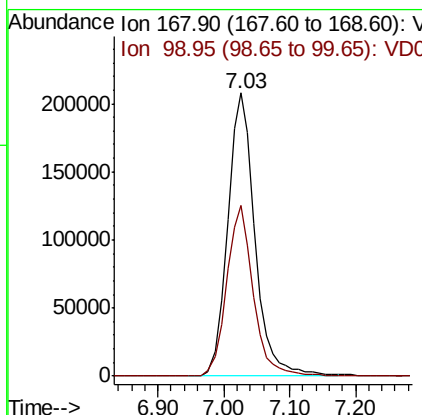
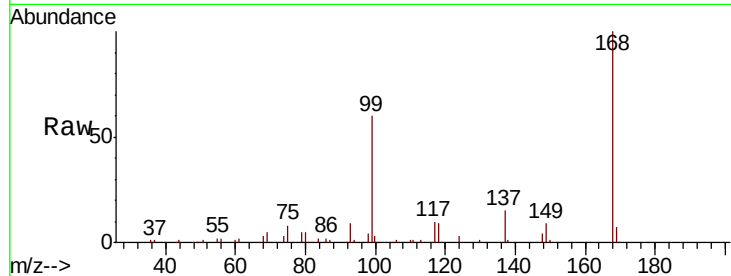




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.00 min
Lab File: VD062157.D
Acq: 8 May 2019 3:49

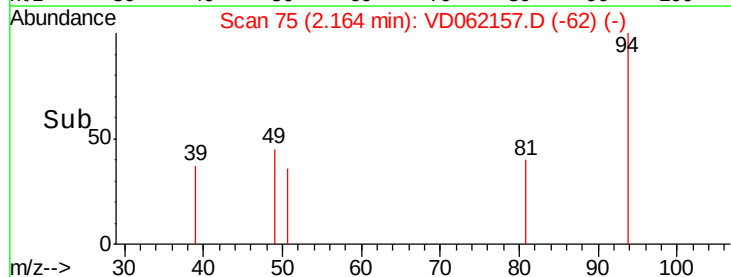
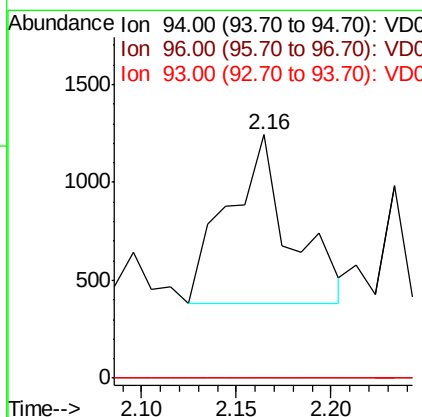
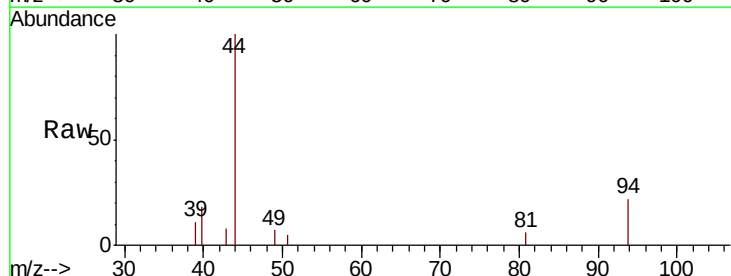
Instrument :
MSVOA_D
ClientSampleId :
BFB

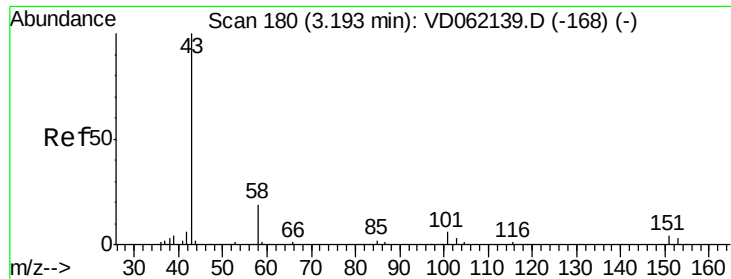
Tot Ion:168 Resp: 599480
Ion Ratio Lower Upper
168 100
99 60.5 46.5 69.7



#5
Bromomethane
Concen: 2.042 ug/l
RT: 2.16 min Scan# 75
Delta R.T. 0.02 min
Lab File: VD062157.D
Acq: 8 May 2019 3:49

Tgt Ion: 94 Resp: 1948
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#
93 0.0 18.5 27.7#





#16

Acetone

Concen: 9.224 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.00 min

Lab File: VD062157.D

Acq: 8 May 2019 3:49

Instrument :

MSVOA_D

ClientSampleId :

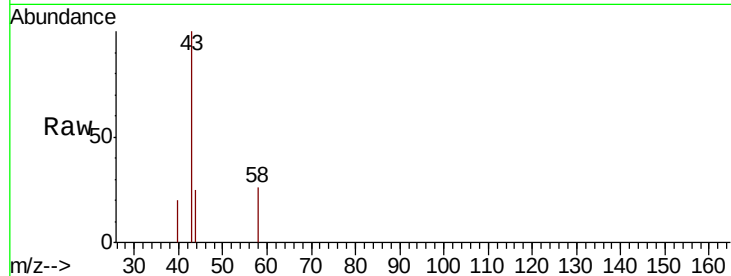
BFB

Tot Ion: 43 Resp: 10776

Ion Ratio Lower Upper

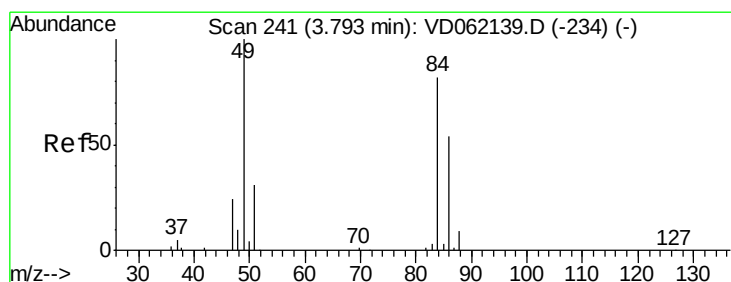
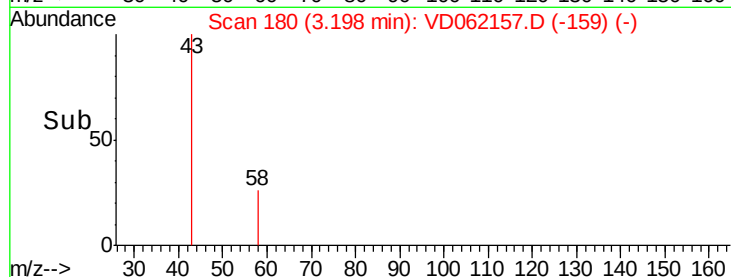
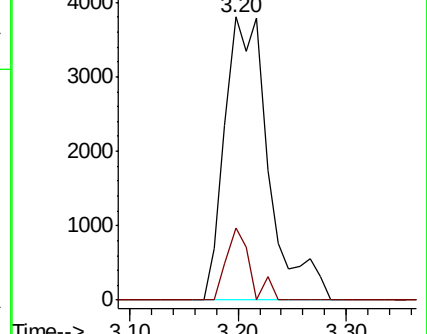
43 100

58 25.6 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 1.926 ug/l

RT: 3.80 min Scan# 241

Delta R.T. 0.00 min

Lab File: VD062157.D

Acq: 8 May 2019 3:49

Tgt Ion: 84 Resp: 9394

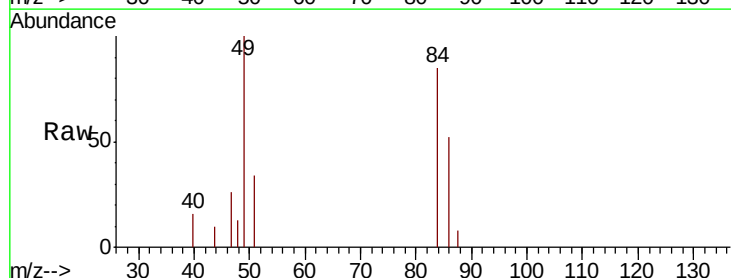
Ion Ratio Lower Upper

84 100

49 117.9 94.0 141.0

51 39.7 29.0 43.4

86 61.6 49.8 74.6

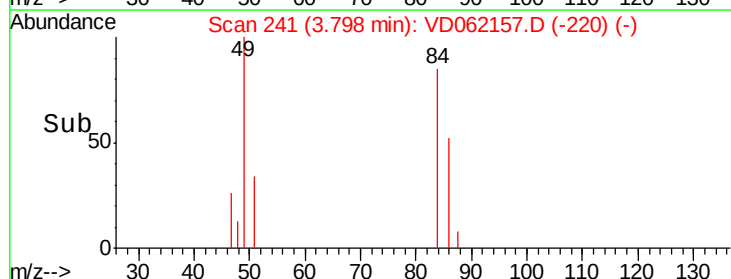
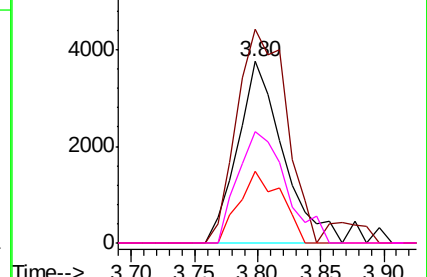


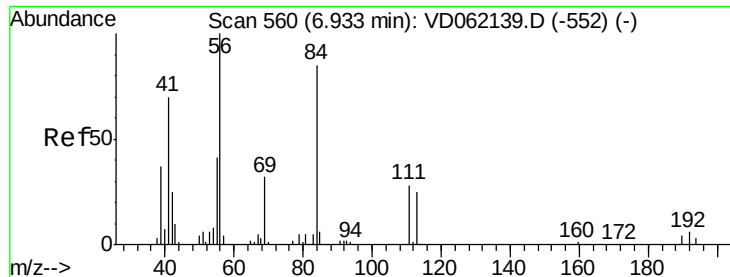
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

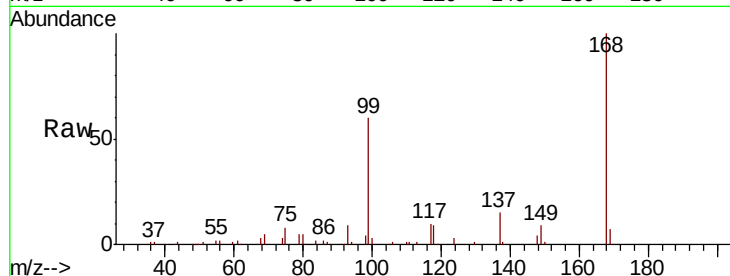




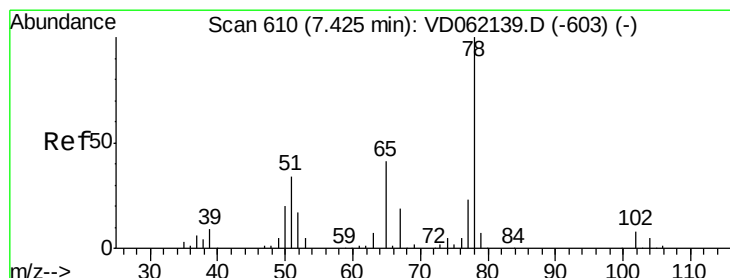
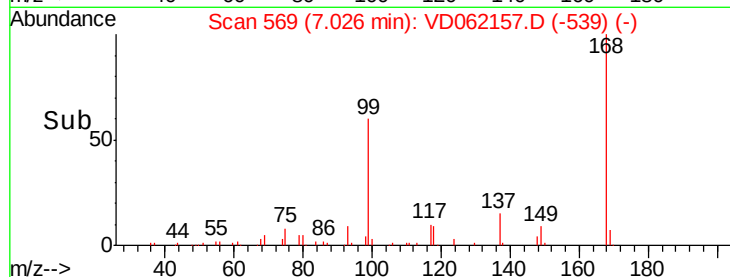
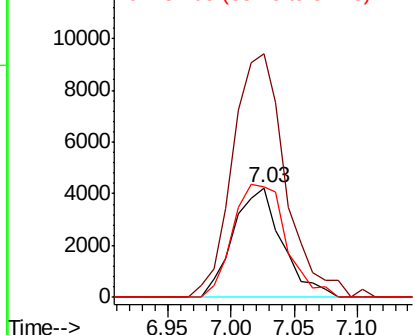
#31
Cyclohexane
Concen: 1.952 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD062157.D
Acq: 8 May 2019 3:49

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion: 56 Resp: 11410
Ion Ratio Lower Upper
56 100
69 222.1 25.8 38.6#
84 101.3 72.2 108.4

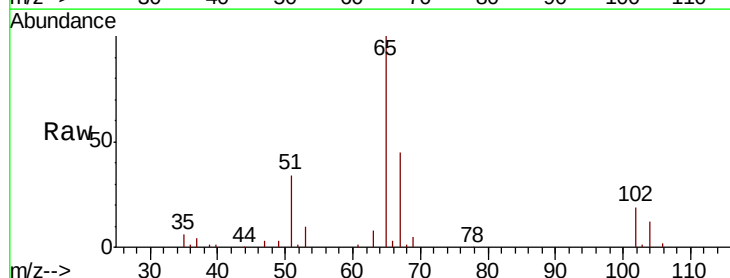


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

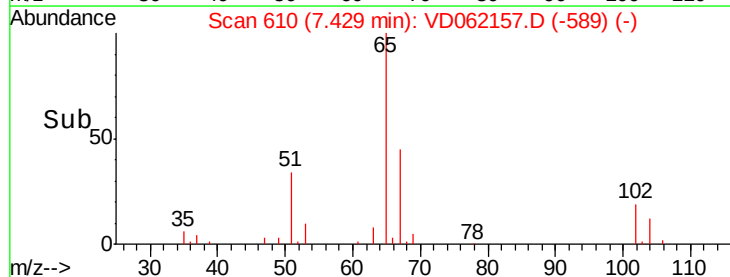
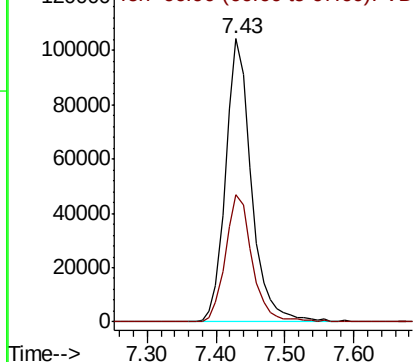


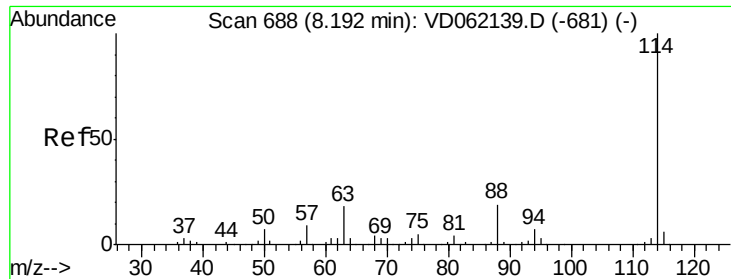
#33
1,2-Dichloroethane-d4
Concen: 48.495 ug/l
RT: 7.43 min Scan# 610
Delta R.T. 0.00 min
Lab File: VD062157.D
Acq: 8 May 2019 3:49

Tgt Ion: 65 Resp: 270169
Ion Ratio Lower Upper
65 100
67 44.7 0.0 98.0



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

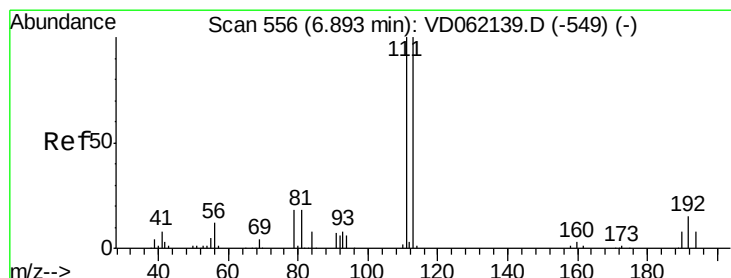
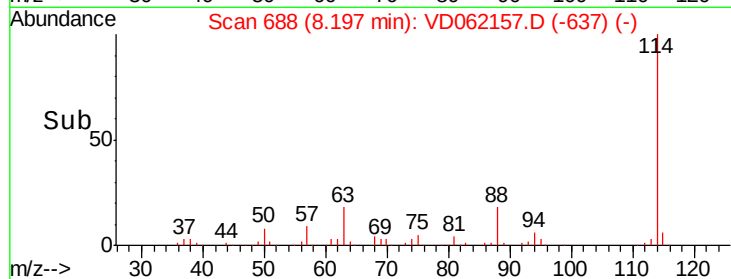
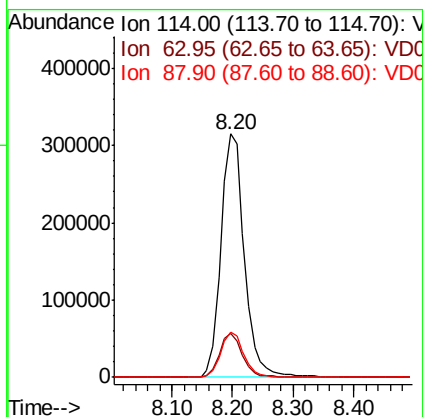
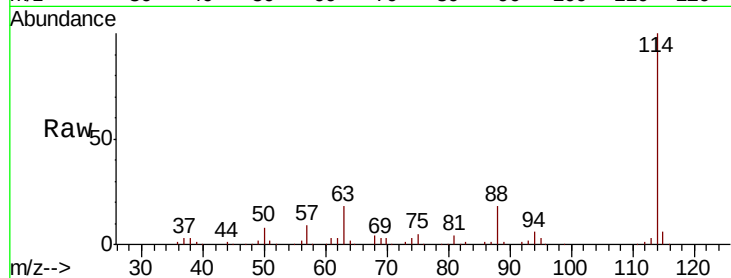




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062157.D
 Acq: 8 May 2019 3:49

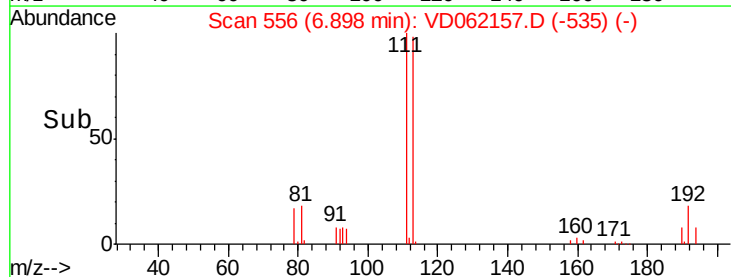
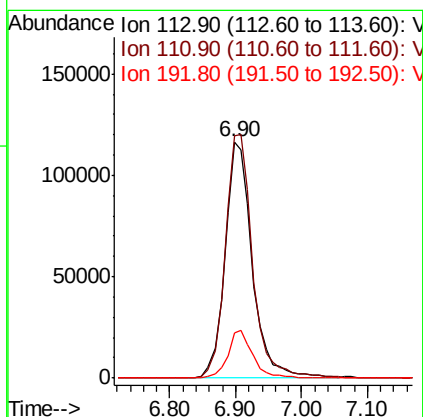
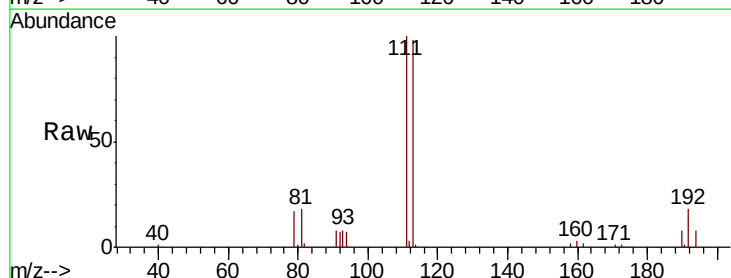
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

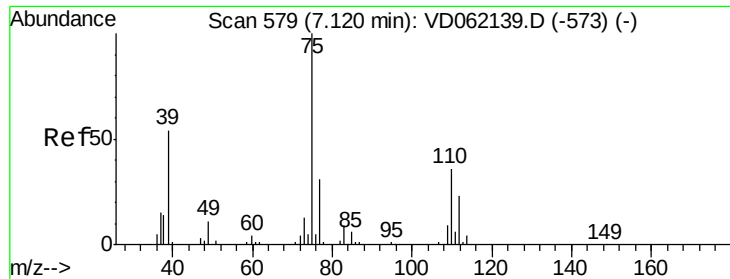
Tot Ion:114 Resp: 846053
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 32.4
 88 18.4 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 47.878 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: VD062157.D
 Acq: 8 May 2019 3:49

Tgt Ion:113 Resp: 336093
 Ion Ratio Lower Upper
 113 100
 111 102.5 78.5 117.7
 192 18.9 13.0 19.4

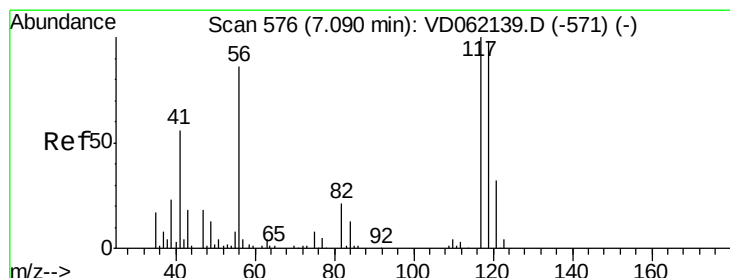
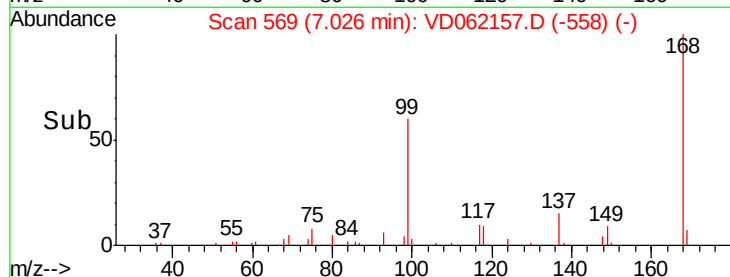
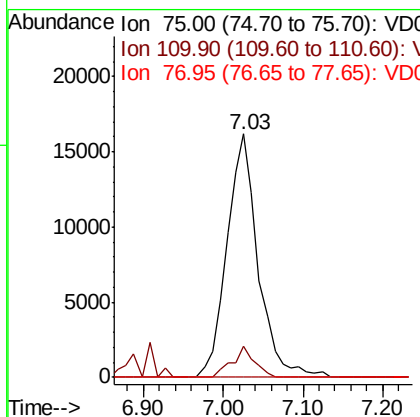
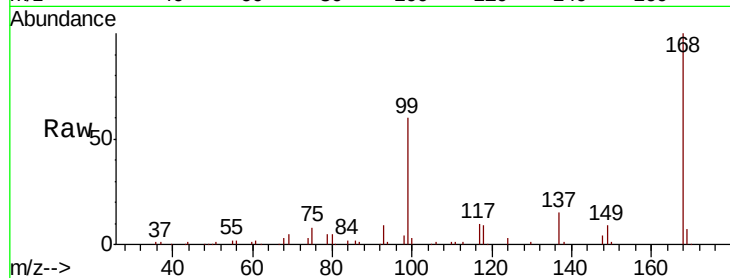




#36
 1,1-Dichloropropene
 Concen: 6.361 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD062157.D
 Acq: 8 May 2019 3:49

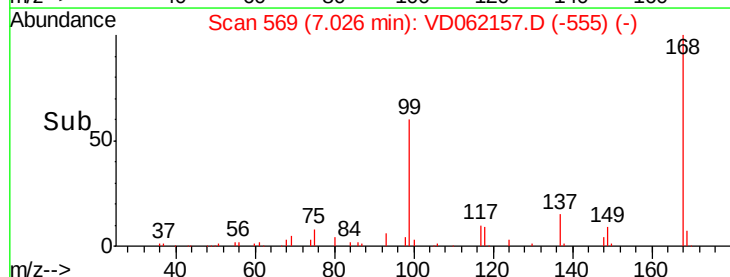
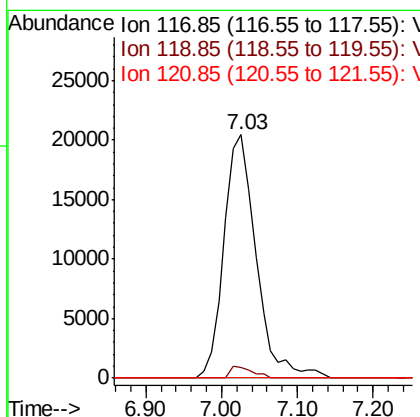
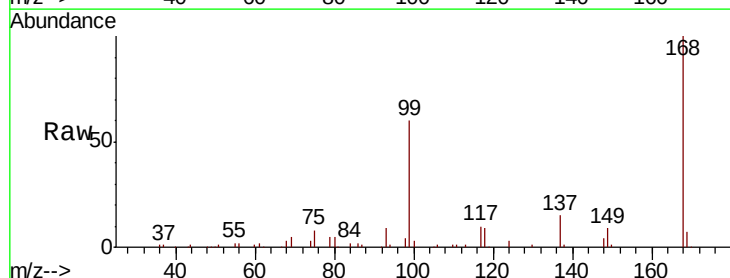
Instrument :
 MSVOA_D
 ClientSampleId :
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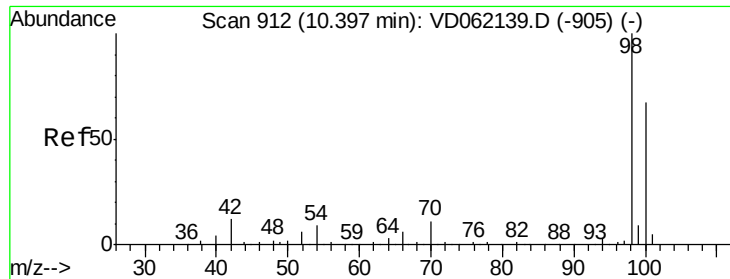
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.8	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.283 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: VD062157.D
 Acq: 8 May 2019 3:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.8	113.8#
121	0.0	25.9	38.9#

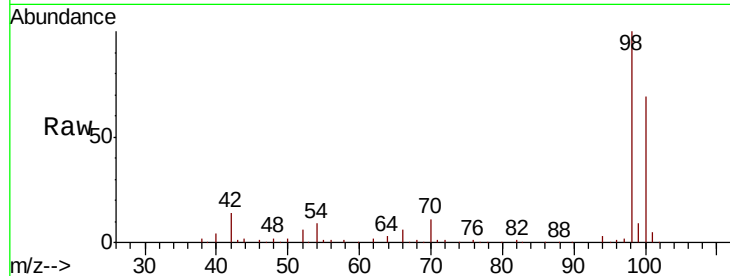




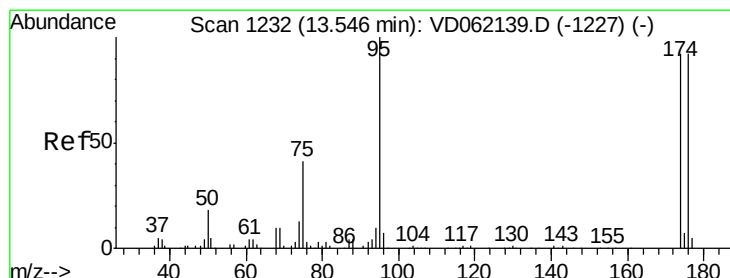
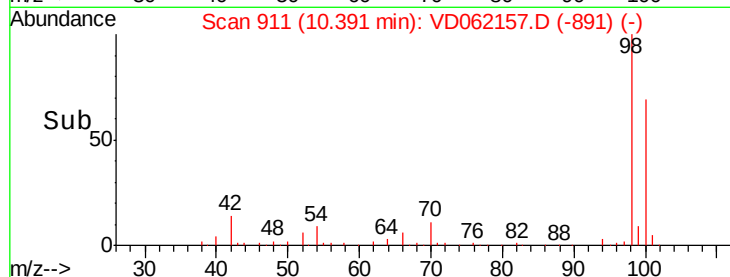
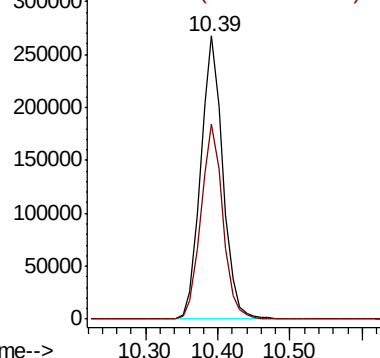
#50
Toluene-d8
Concen: 33.668 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD062157.D
Acq: 8 May 2019 3:49

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tot Ion: 98 Resp: 569842
Ion Ratio Lower Upper
98 100
100 69.0 53.8 80.8

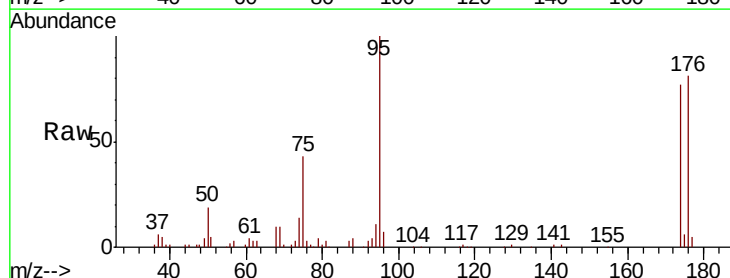


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

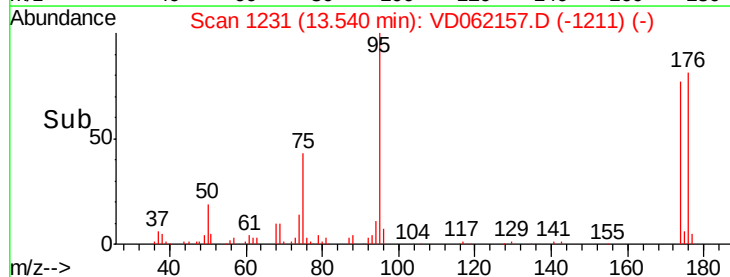
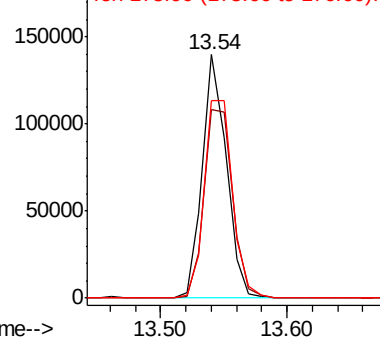


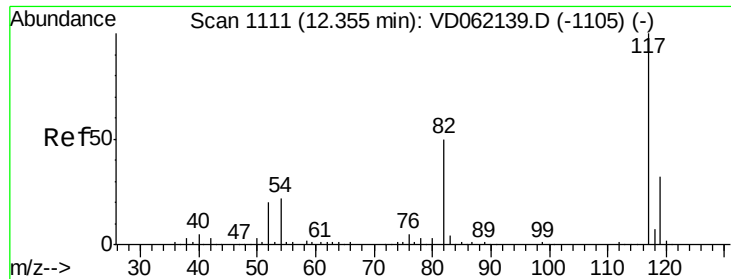
#62
4-Bromofluorobenzene
Concen: 27.003 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062157.D
Acq: 8 May 2019 3:49

Tgt Ion: 95 Resp: 183528
Ion Ratio Lower Upper
95 100
174 77.4 0.0 181.8
176 81.2 0.0 174.4



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

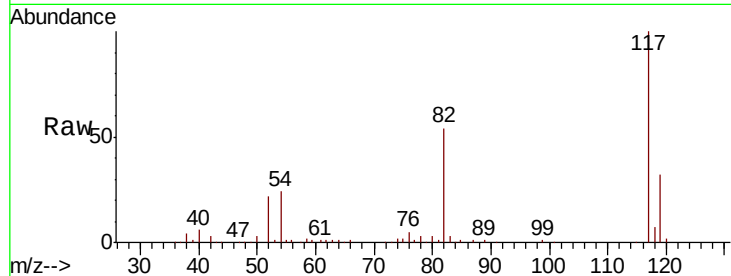




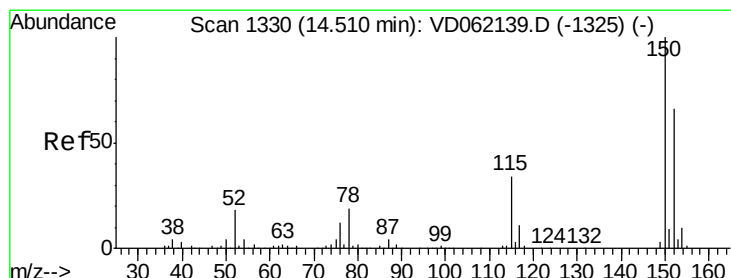
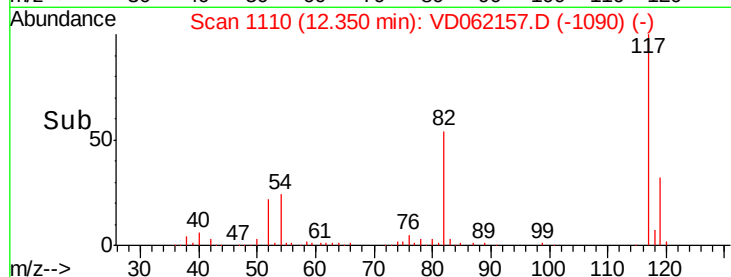
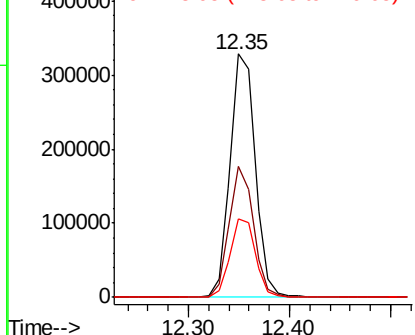
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062157.D
Acq: 8 May 2019 3:49

Instrument :
MSVOA_D
ClientSampled :
BFB

Tot Ion:117 Resp: 567972
Ion Ratio Lower Upper
117 100
82 53.8 36.2 54.2
119 32.3 26.2 39.4

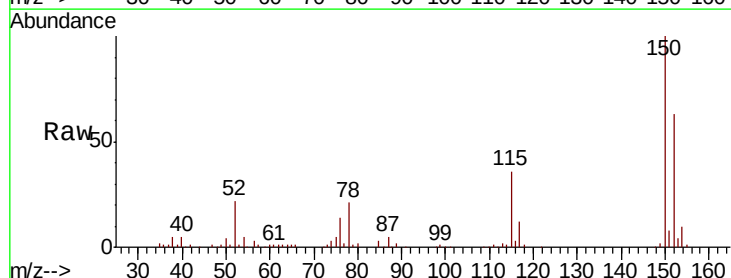


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

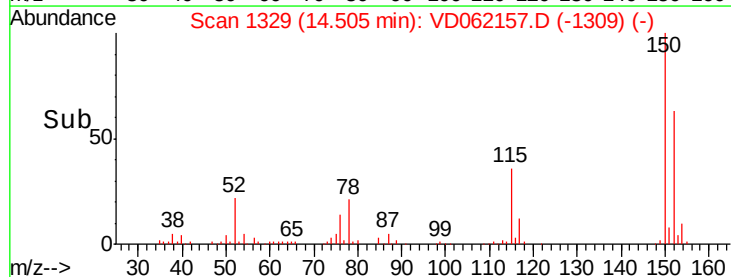
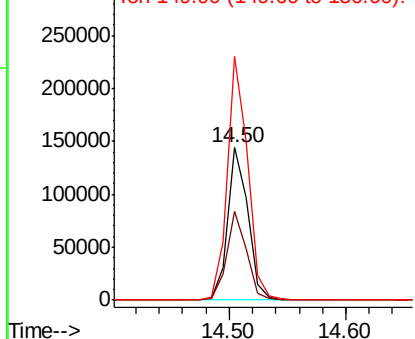


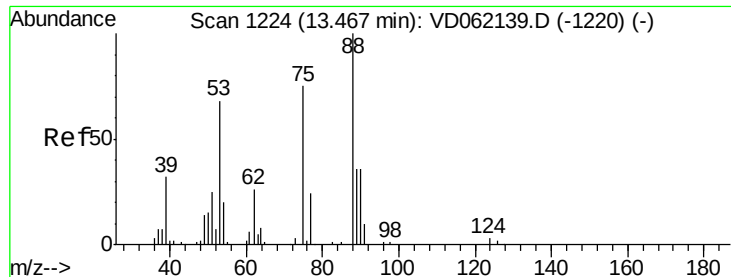
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062157.D
Acq: 8 May 2019 3:49

Tgt Ion:152 Resp: 173174
Ion Ratio Lower Upper
152 100
115 57.9 30.9 92.7
150 159.6 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 132.957 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD062157.D

Acq: 8 May 2019 3:49

Instrument :

MSVOA_D

ClientSampleId :

BFB

Tot Ion: 75 Resp: 77247

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

