

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040319\
 Data File : VD061569.D
 Acq On : 3 Apr 2019 21:34
 Operator : VA/AP
 Sample : K2213-13
 Misc : 5.42g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 04 01:52:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

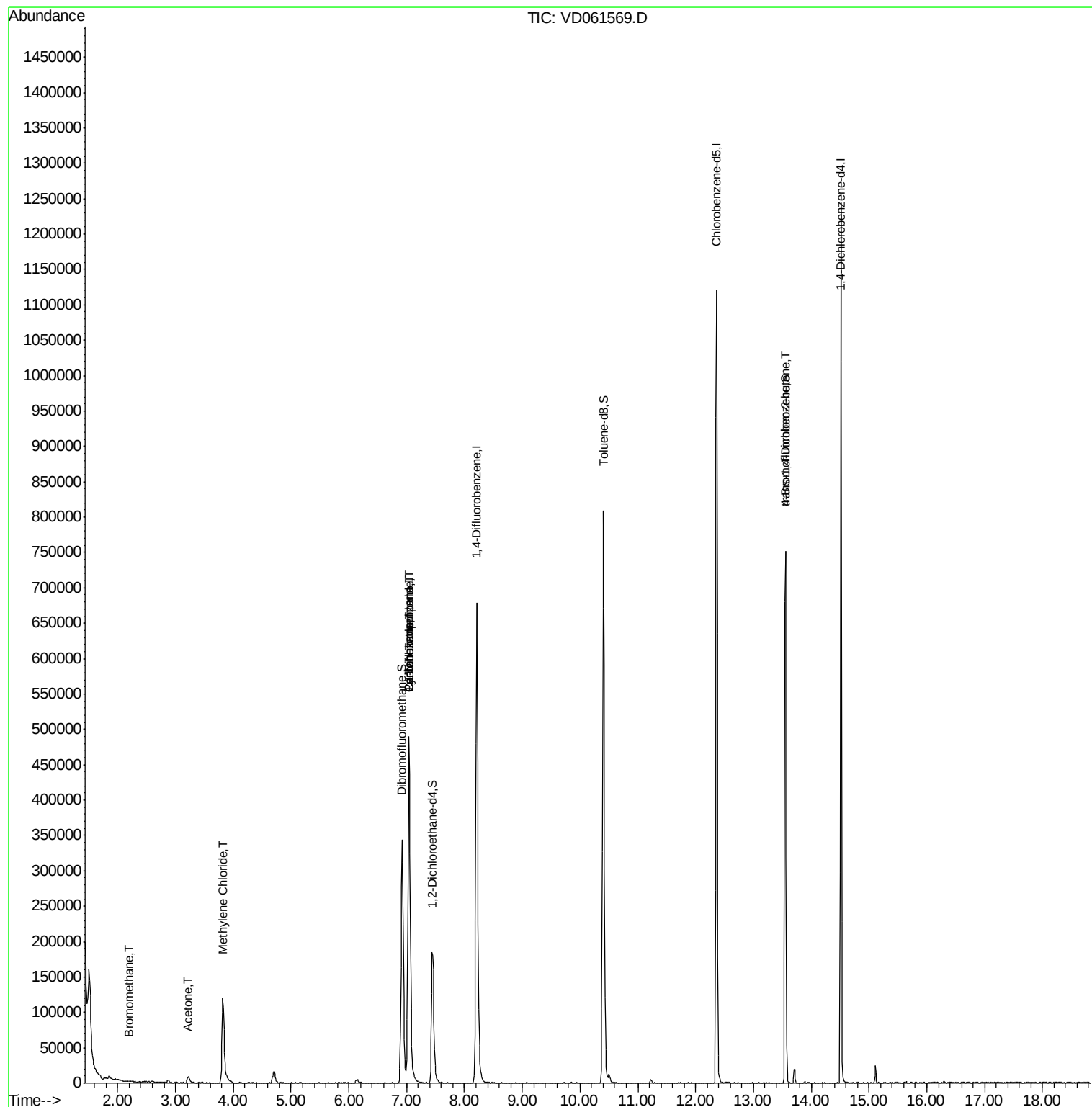
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	516047	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	845756	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	705072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	300345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	206651	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	6.92	113	322584	49.91	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.40	98	698556	45.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	13.55	95	259455	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.20	94	826	1.009	ug/l #	10
16) Acetone	3.22	43	19396	17.116	ug/l	93
20) Methylene Chloride	3.82	84	90844	12.885	ug/l	89
31) Cyclohexane	7.03	56	8423	1.109	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	37548	5.087	ug/l #	46
38) Carbon Tetrachloride	7.04	117	49090	5.787	ug/l #	13
81) trans-1,4-Dichloro-2-buten	13.54	75	97310	73.562	ug/l #	18

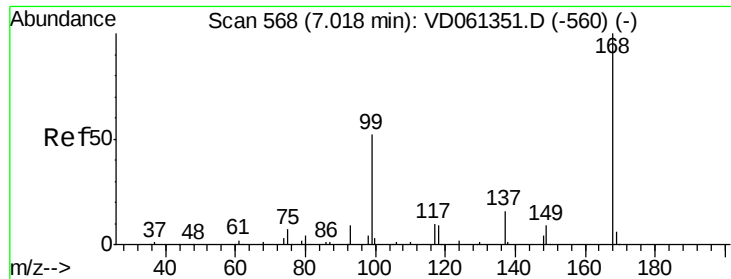
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040319\
Data File : VD061569.D
Acq On : 3 Apr 2019 21:34
Operator : VA/AP
Sample : K2213-13
Misc : 5.42g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 04 01:52:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061569.D

Acq: 3 Apr 2019 21:34

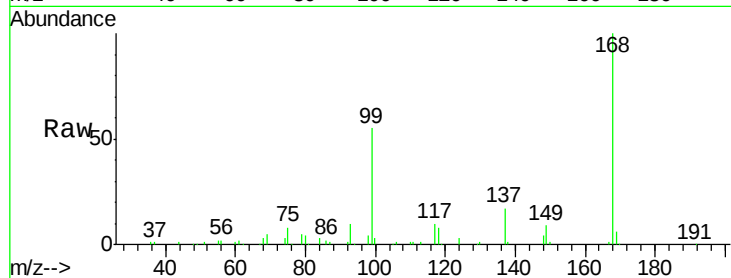
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 516047

Ion Ratio Lower Upper

168 100

99 55.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

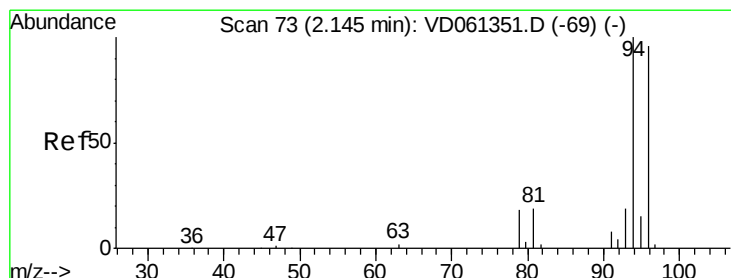
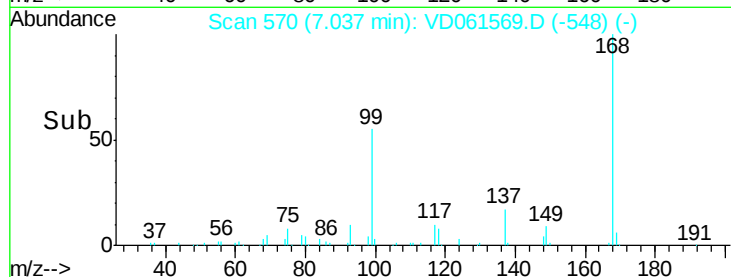
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 1.009 ug/l

RT: 2.20 min Scan# 79

Delta R.T. 0.06 min

Lab File: VD061569.D

Acq: 3 Apr 2019 21:34

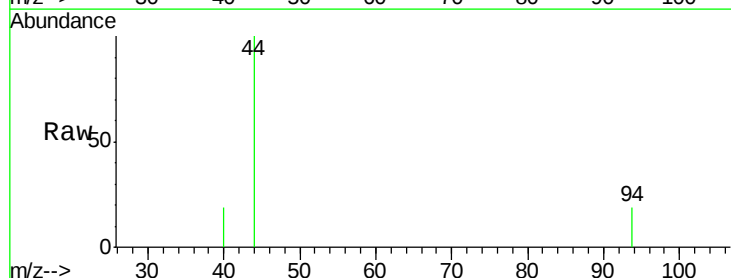
Tgt Ion: 94 Resp: 826

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

93 0.0 15.6 23.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.20

500

400

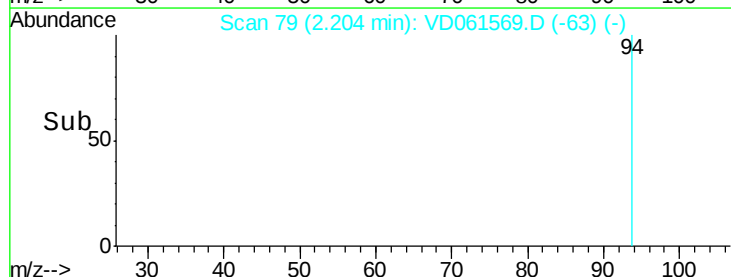
300

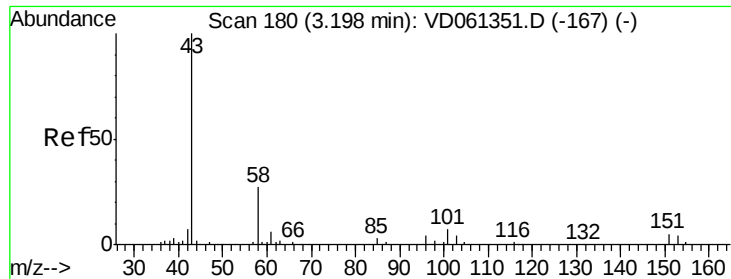
200

100

0

Time-->

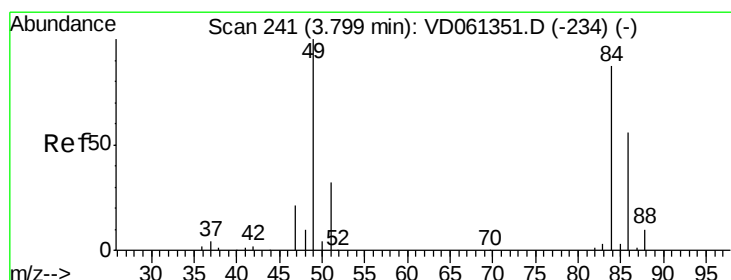
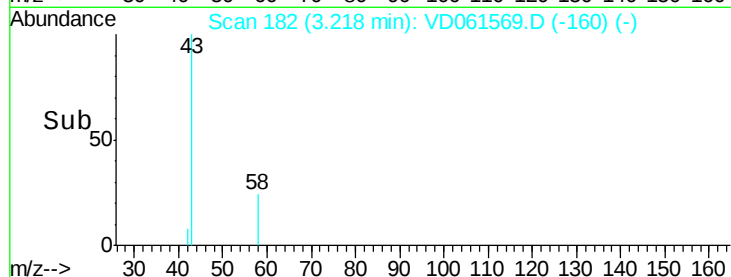
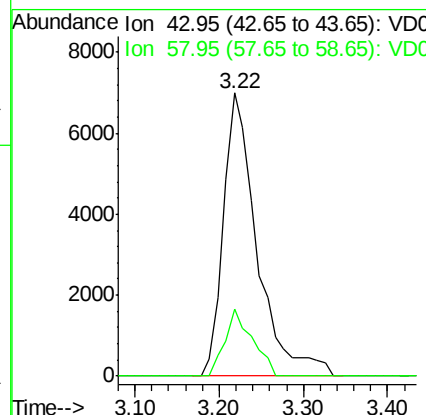
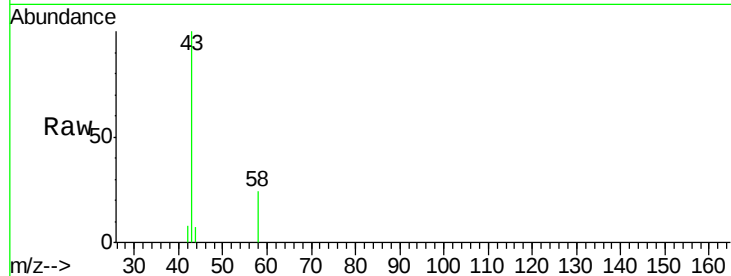




#16
Acetone
Concen: 17.116 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.02 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

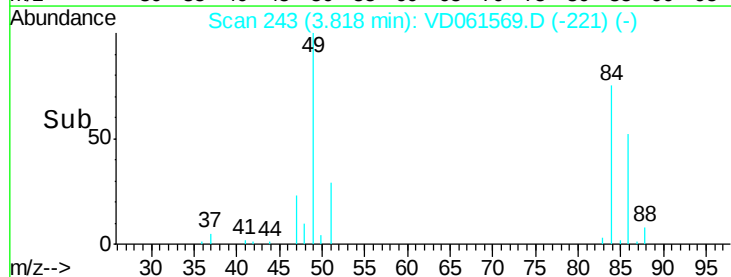
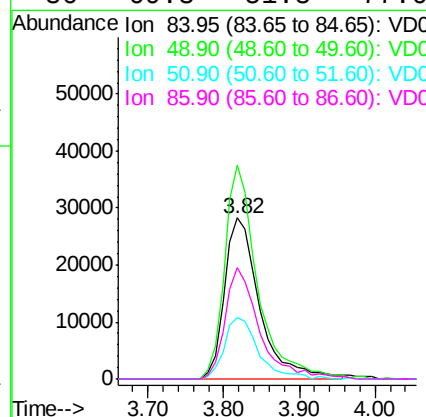
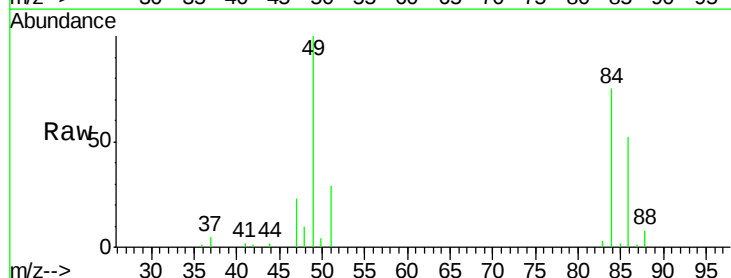
Instrument :
MSVOA_D
ClientSampleId :

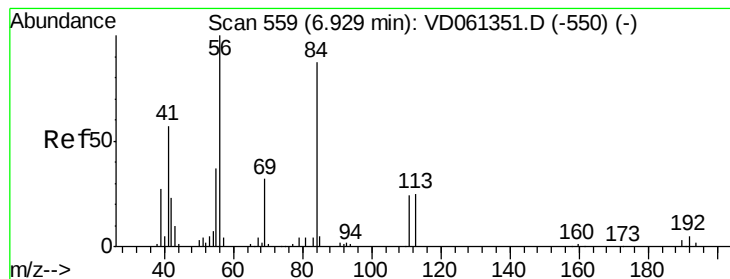
Tot Ion: 43 Resp: 19396
Ion Ratio Lower Upper
43 100
58 23.5 21.5 32.3



#20
Methylene Chloride
Concen: 12.885 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Tgt Ion: 84 Resp: 90844
Ion Ratio Lower Upper
84 100
49 132.7 91.8 137.8
51 38.2 29.8 44.8
86 69.3 51.8 77.6





#31

Cyclohexane

Concen: 1.109 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.10 min

Lab File: VD061569.D

Acq: 3 Apr 2019 21:34

Instrument :
MSVOA_D
ClientSampleId :

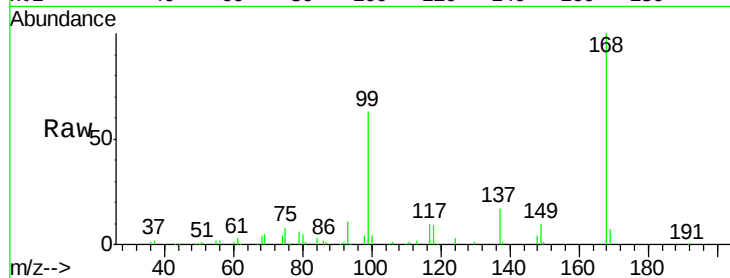
Tot Ion: 56 Resp: 8423

Ion Ratio Lower Upper

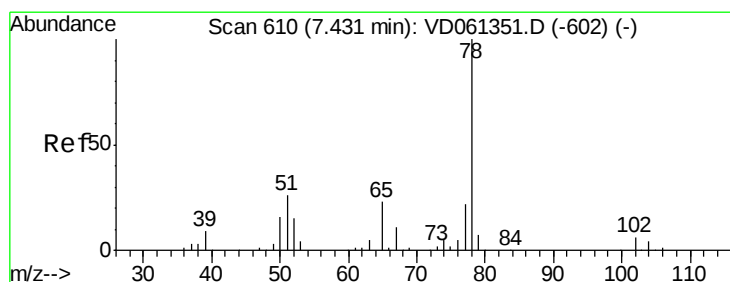
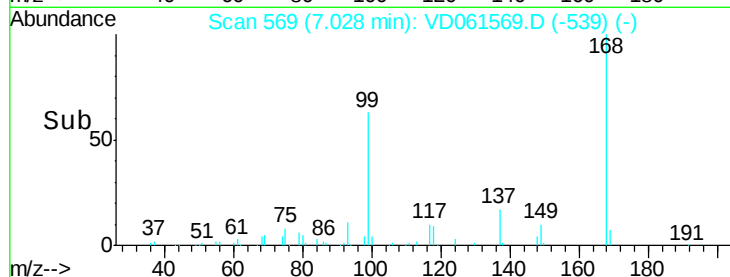
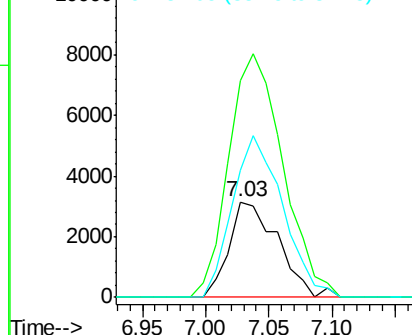
56 100

69 227.2 25.7 38.5#

84 133.1 70.6 105.8#



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: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061569.D

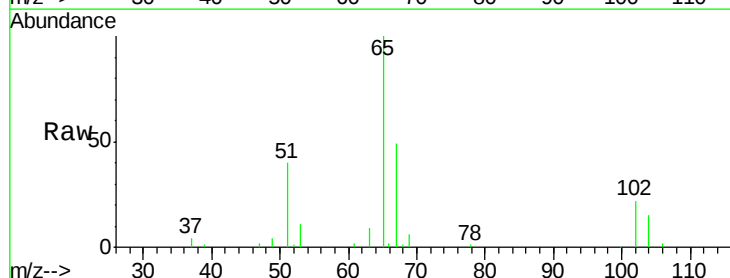
Acq: 3 Apr 2019 21:34

Tgt Ion: 65 Resp: 206651

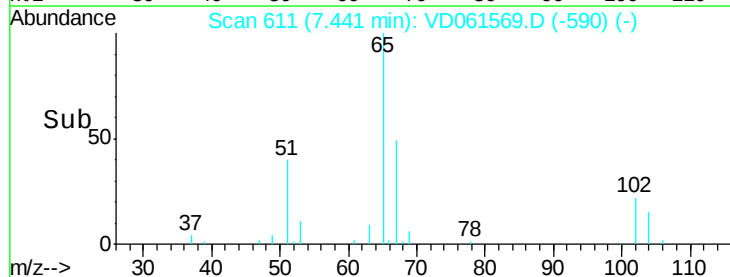
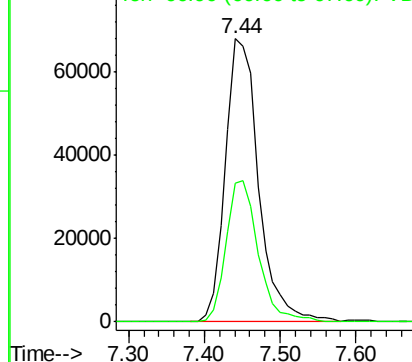
Ion Ratio Lower Upper

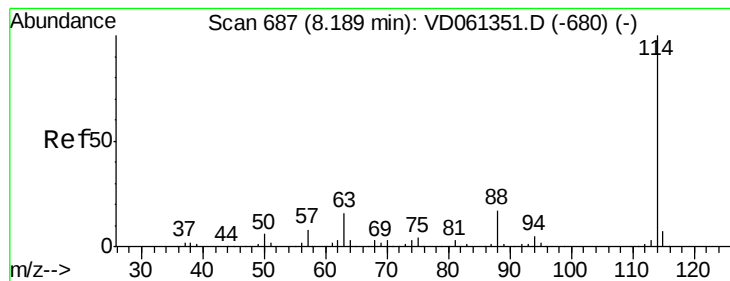
65 100

67 49.2 0.0 99.8



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: 8.21 min Scan# 689

Delta R.T. 0.02 min

Lab File: VD061569.D

Acq: 3 Apr 2019 21:34

Instrument :

MSVOA_D

ClientSampleId :

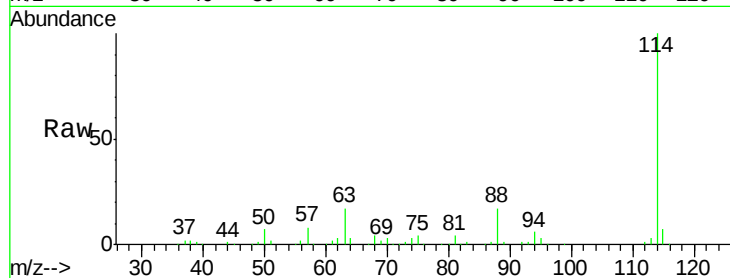
Tot Ion:114 Resp: 845756

Ion Ratio Lower Upper

114 100

63 17.0 0.0 31.6

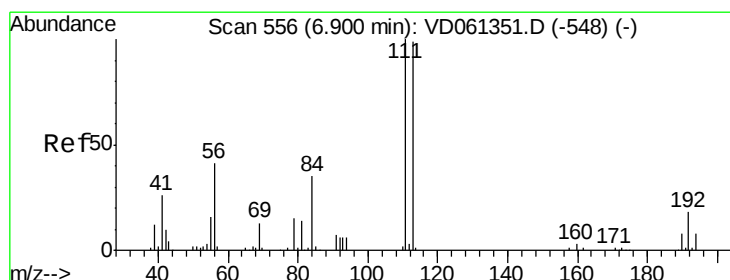
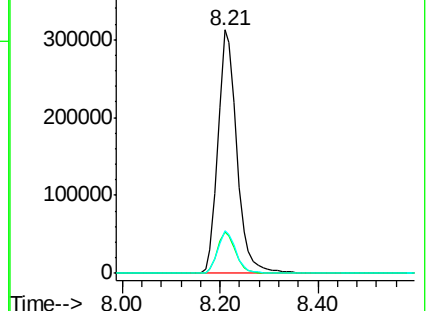
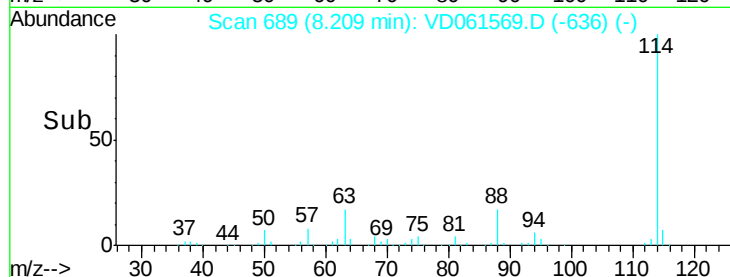
88 17.4 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD061569.D

Acq: 3 Apr 2019 21:34

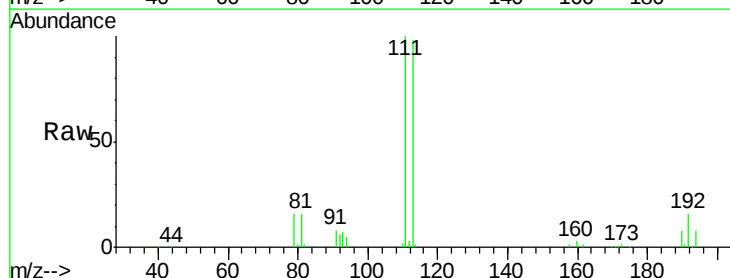
Tgt Ion:113 Resp: 322584

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.6

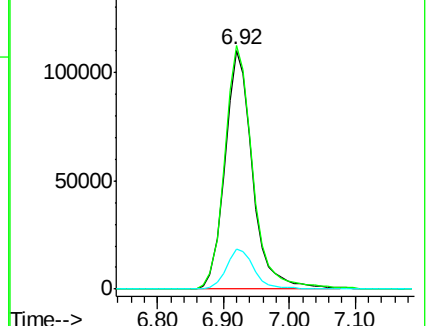
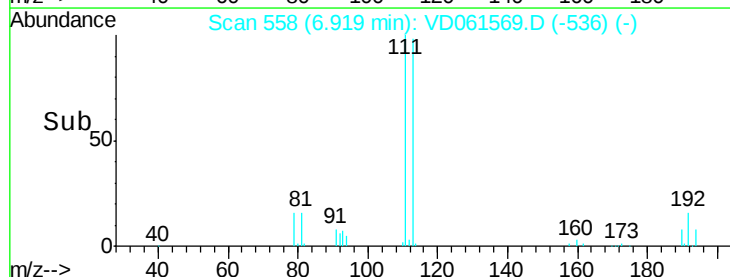
192 16.6 14.4 21.6

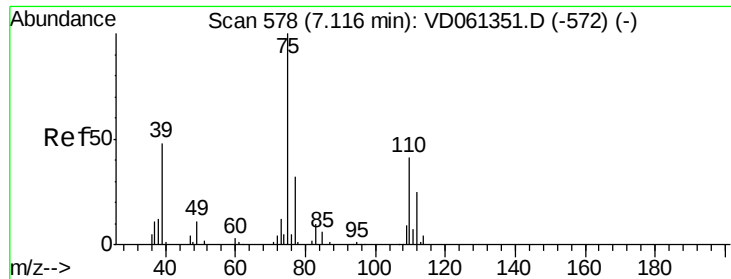


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

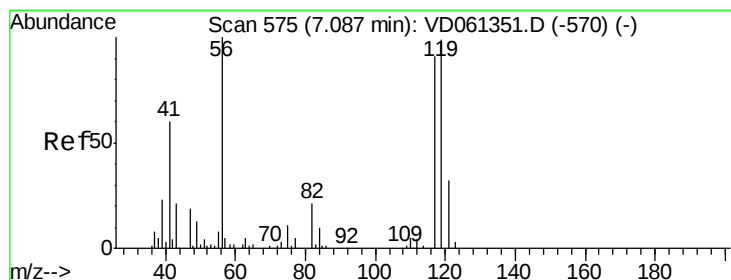
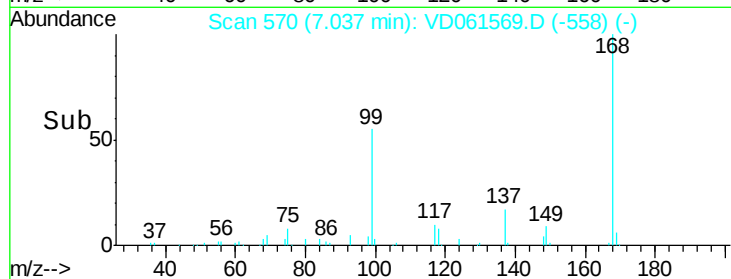
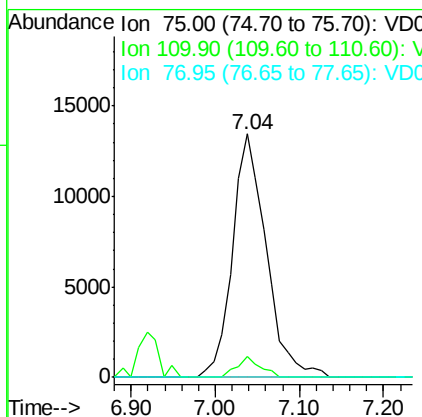
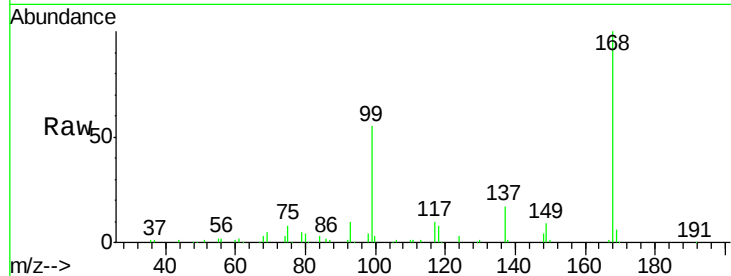




#36
 1,1-Dichloropropene
 Concen: 5.087 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061569.D
 Acq: 3 Apr 2019 21:34

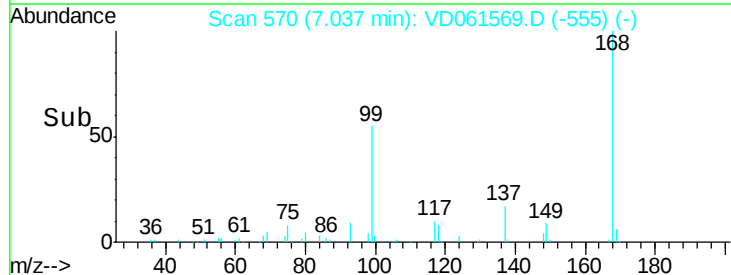
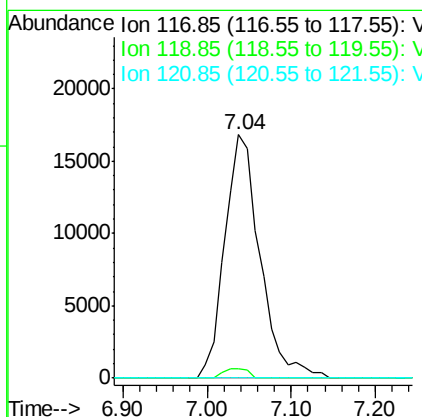
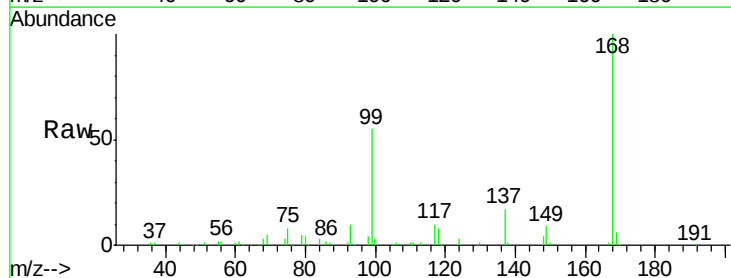
Instrument :
 MSVOA_D
 ClientSampleId :

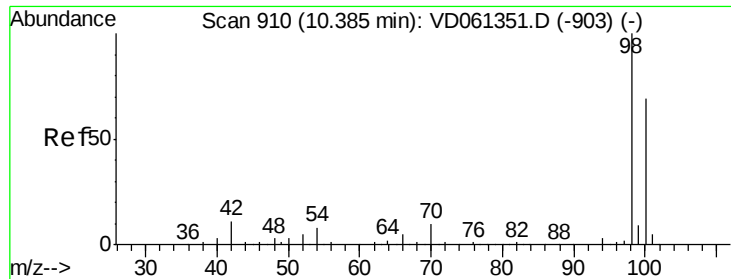
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.787 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: VD061569.D
 Acq: 3 Apr 2019 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	80.1	120.1#
121	0.0	25.6	38.4#

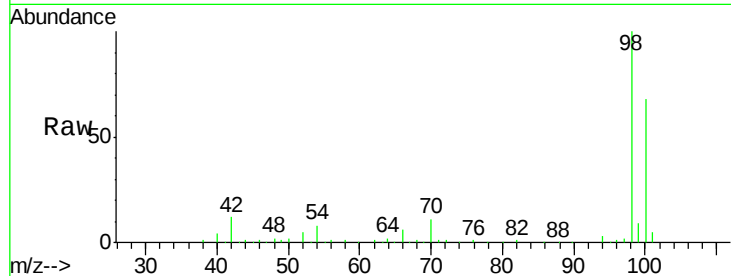




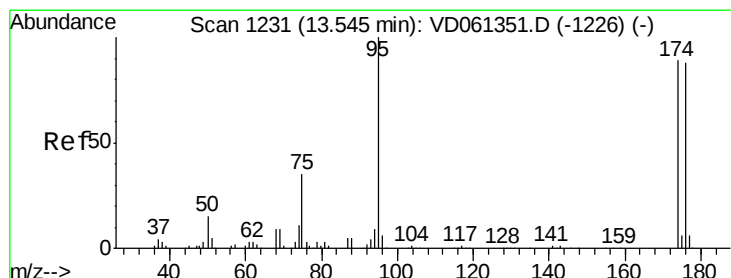
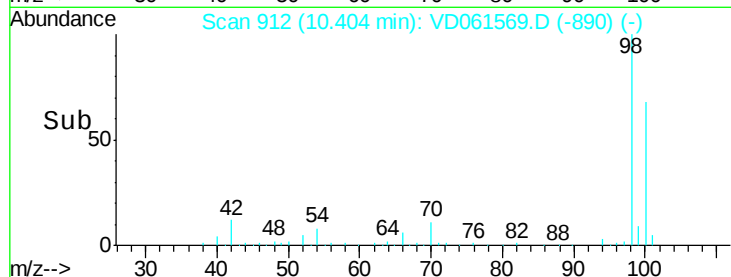
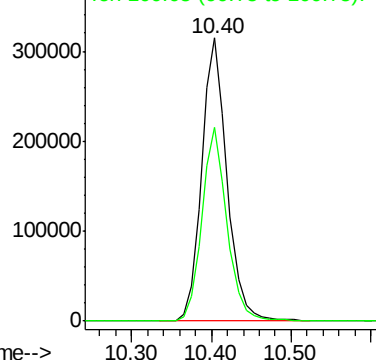
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 698556
Ion Ratio Lower Upper
98 100
100 68.3 56.2 84.2

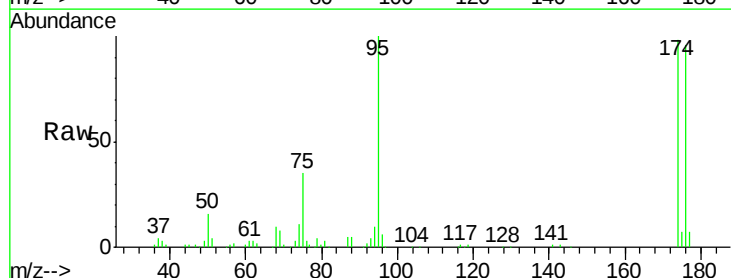


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

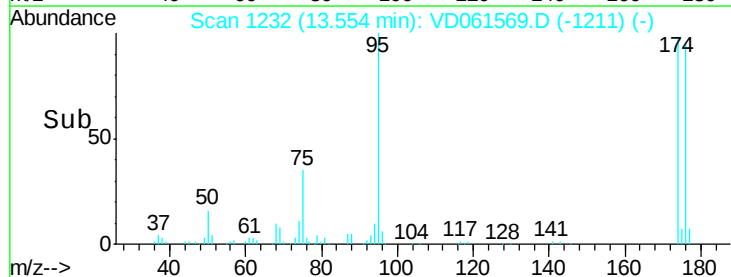
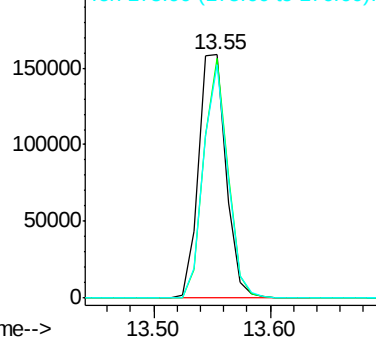


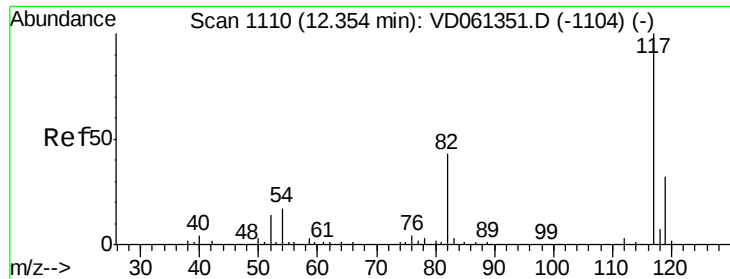
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Tgt Ion: 95 Resp: 259455
Ion Ratio Lower Upper
95 100
174 98.3 0.0 178.0
176 95.8 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

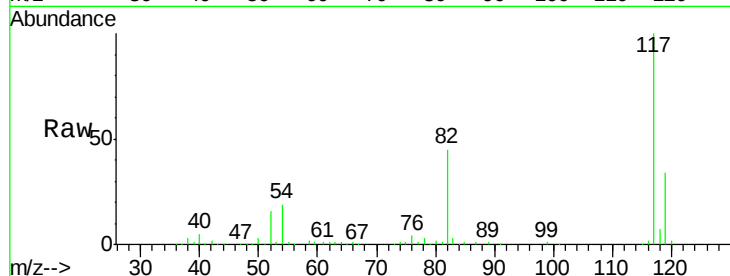




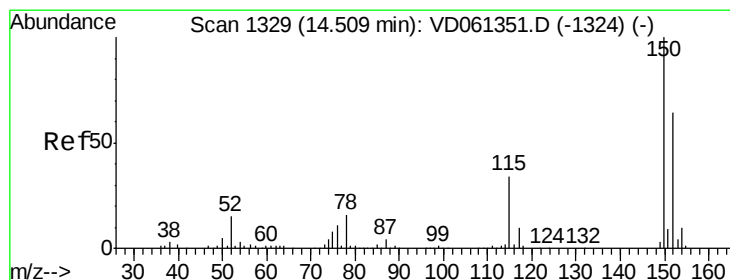
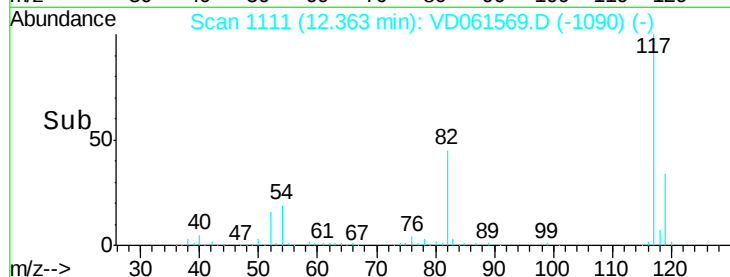
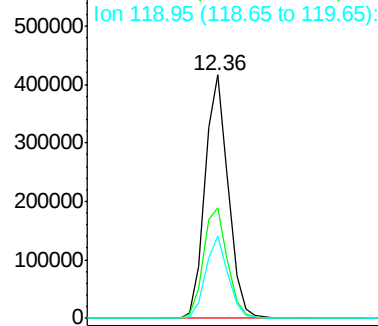
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 705072
Ion Ratio Lower Upper
117 100
82 45.3 34.4 51.6
119 33.6 25.8 38.6

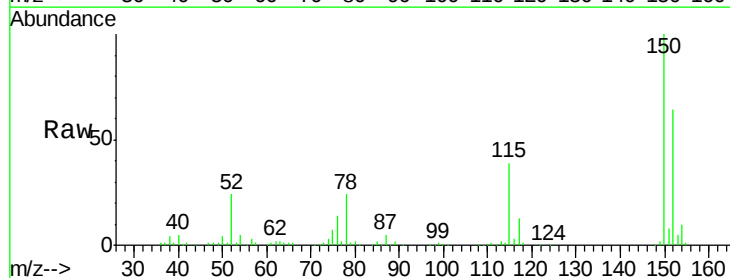


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

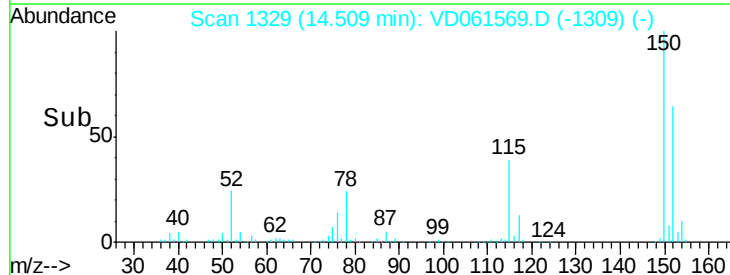
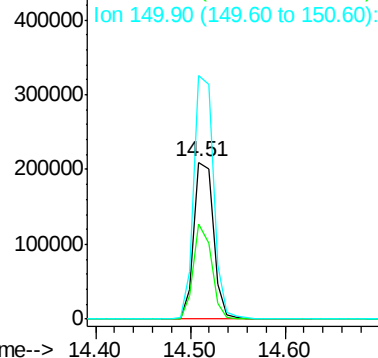


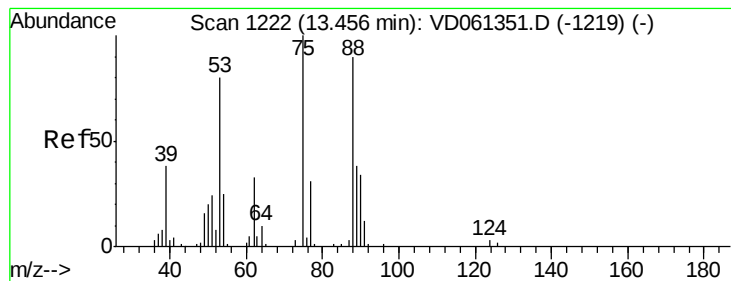
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061569.D
Acq: 3 Apr 2019 21:34

Tgt Ion:152 Resp: 300345
Ion Ratio Lower Upper
152 100
115 60.3 26.9 80.6
150 155.3 0.0 318.0



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: 73.562 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.09 min

Lab File: VD061569.D

Acq: 3 Apr 2019 21:34

Instrument :

MSVOA_D

ClientSampleId :

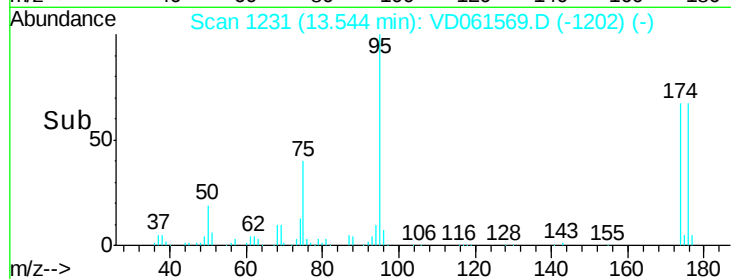
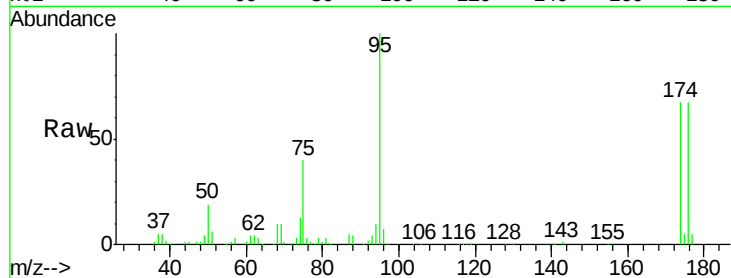
Tot Ion: 75 Resp: 97310

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



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

