

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061509.D
 Acq On : 2 Apr 2019 12:16
 Operator : VA/AP
 Sample : K2179-14
 Misc : 6.17g/5ml/MSVOA D/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 03 00:46:07 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

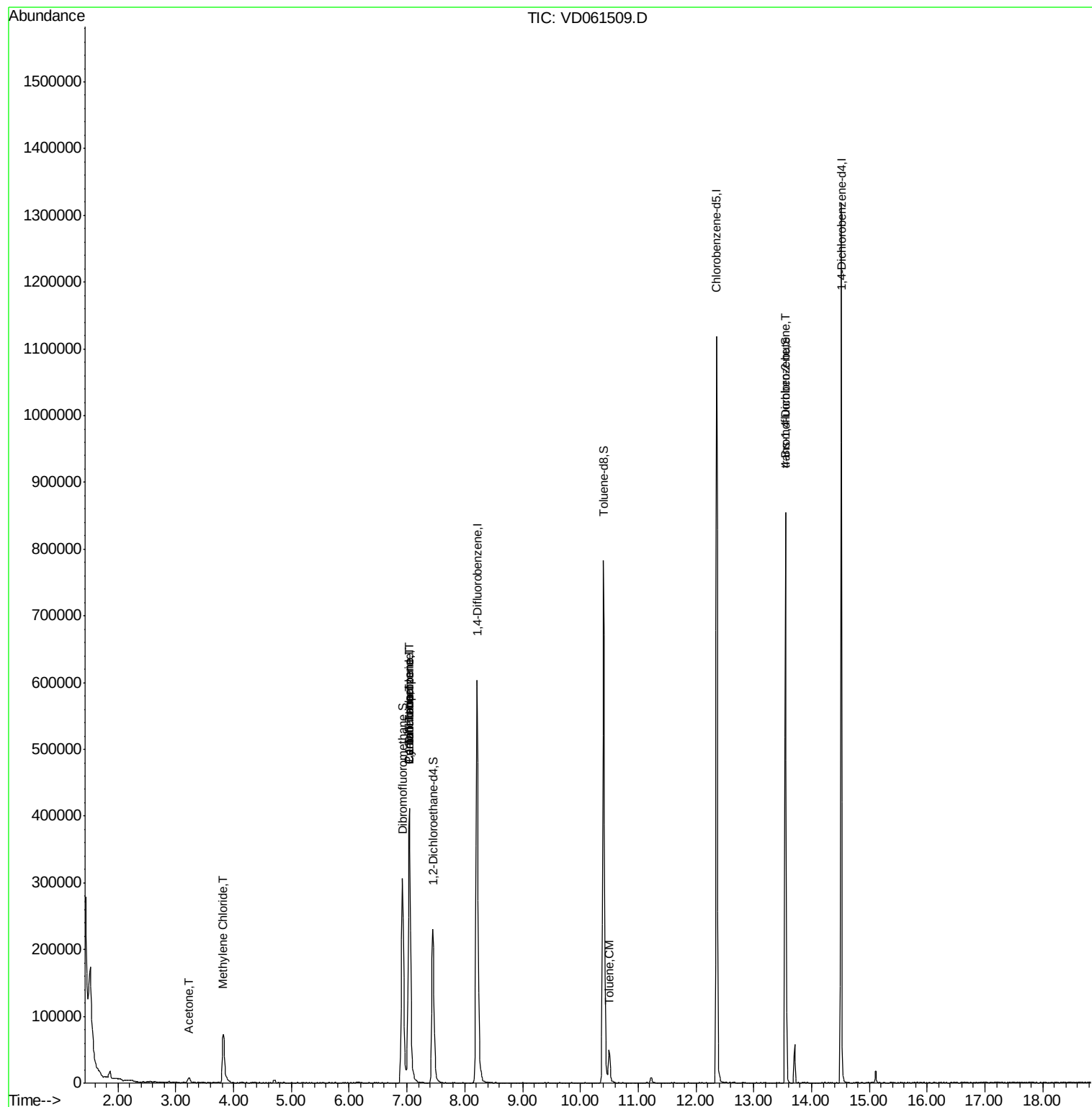
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	439197	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	810485	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	705831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	315176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	226229	60.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.60%	
35) Dibromofluoromethane	6.92	113	309999	50.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.40	98	681013	45.84	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.68%	
62) 4-Bromofluorobenzene	13.55	95	269592	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
Target Compounds						
16) Acetone	3.23	43	16754	17.371	ug/l #	88
20) Methylene Chloride	3.82	84	59163	9.391	ug/l	95
31) Cyclohexane	7.03	56	7213	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	32917	4.653	ug/l #	45
38) Carbon Tetrachloride	7.04	117	41876	5.152	ug/l #	14
52) Toluene	10.50	92	28102	2.595	ug/l	92
81) trans-1,4-Dichloro-2-buten	13.55	75	100433	72.350	ug/l #	18

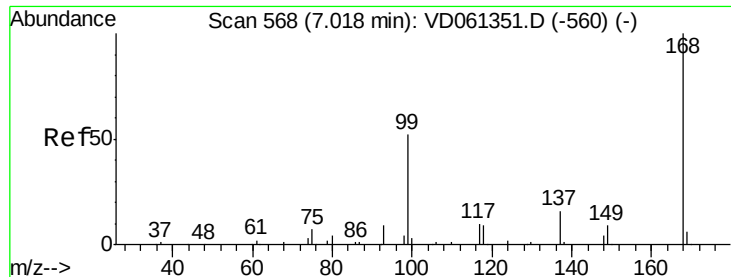
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
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MSVOA_D
ClientSampleId :

Quant Time: Apr 03 00:46:07 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# 571

Delta R.T. 0.02 min

Lab File: VD061509.D

Acq: 2 Apr 2019 12:16

Instrument :

MSVOA_D

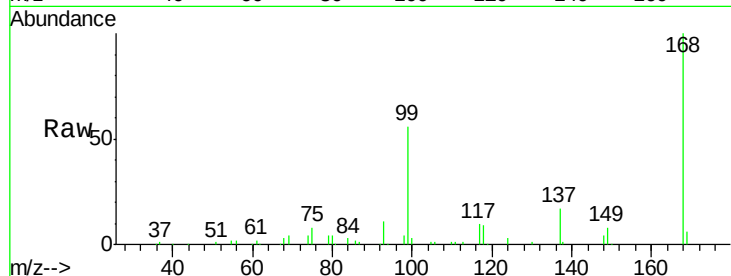
ClientSampleId :

Tot Ion:168 Resp: 439197

Ion Ratio Lower Upper

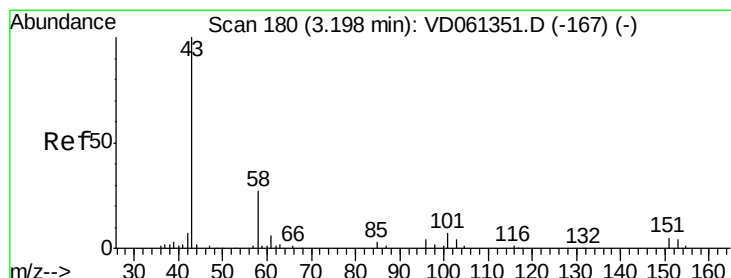
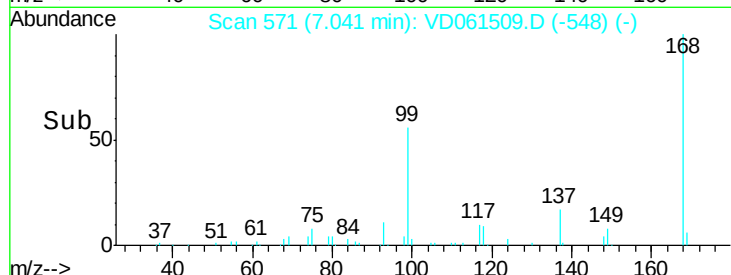
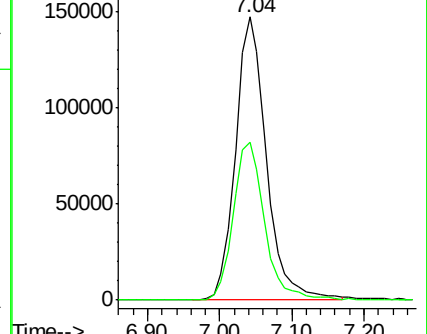
168 100

99 56.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 17.371 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.03 min

Lab File: VD061509.D

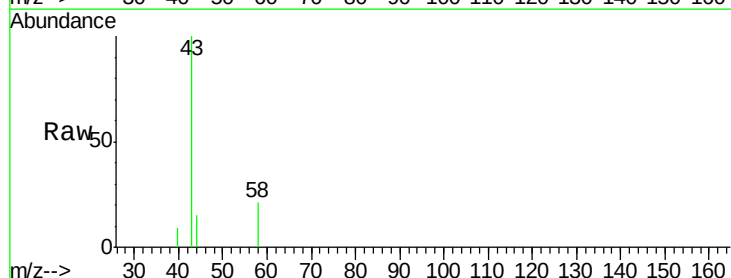
Acq: 2 Apr 2019 12:16

Tgt Ion: 43 Resp: 16754

Ion Ratio Lower Upper

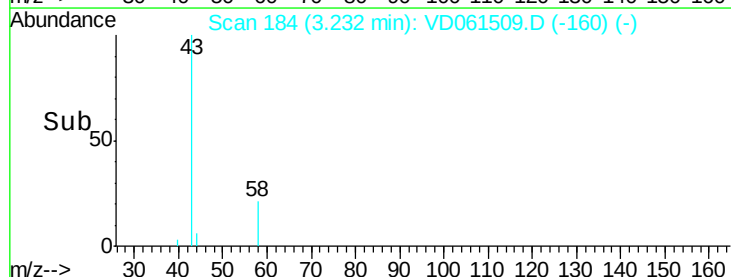
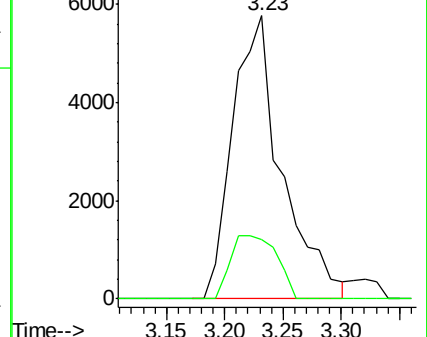
43 100

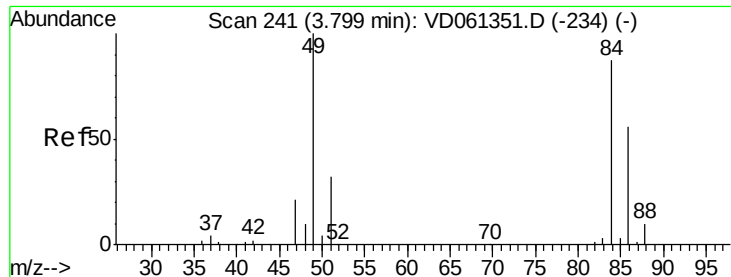
58 20.9 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

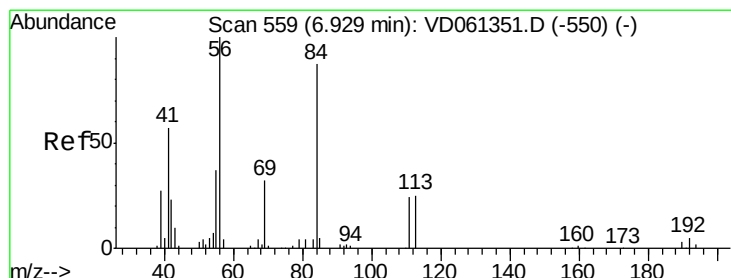
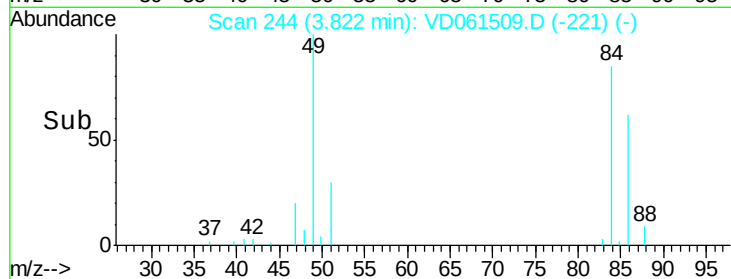
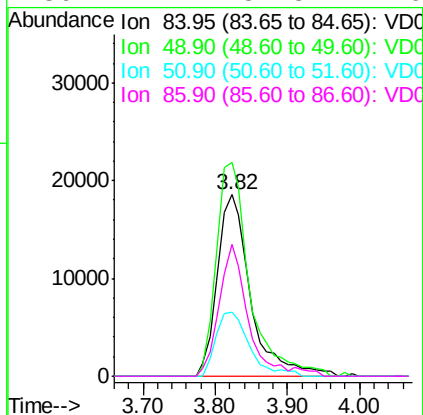
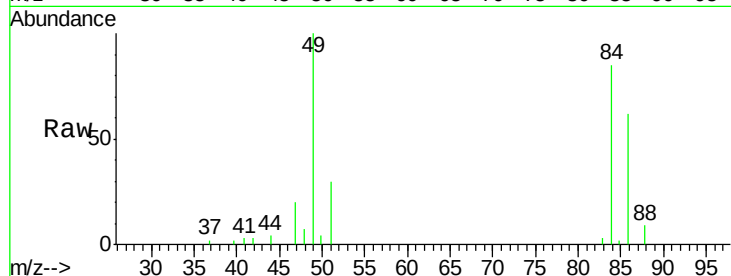




#20
Methvlene Chloride
Concen: 9.391 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061509.D
Acq: 2 Apr 2019 12:16

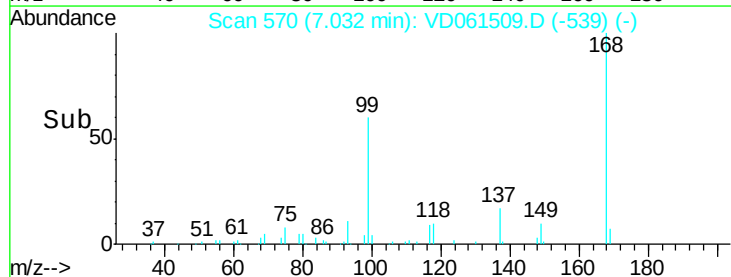
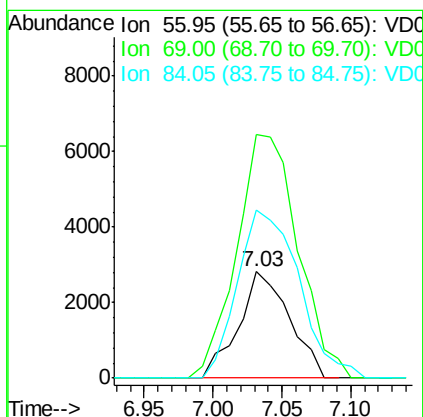
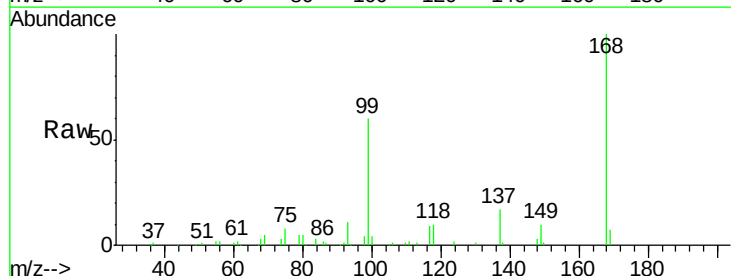
Instrument :
MSVOA_D
ClientSampleId :

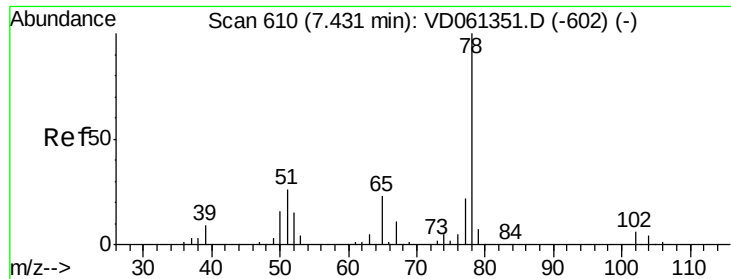
Tot Ion: 84 Resp: 59163
Ion Ratio Lower Upper
84 100
49 117.6 91.8 137.8
51 35.5 29.8 44.8
86 72.4 51.8 77.6



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD061509.D
Acq: 2 Apr 2019 12:16

Tgt Ion: 56 Resp: 7213
Ion Ratio Lower Upper
56 100
69 228.7 25.7 38.5#
84 157.5 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061509.D

Acq: 2 Apr 2019 12:16

Instrument :

MSVOA_D

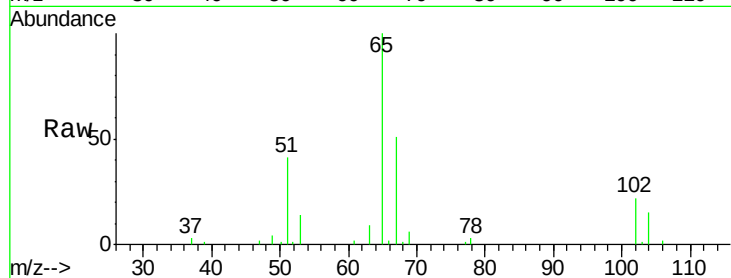
ClientSampleId :

Tot Ion: 65 Resp: 226229

Ion Ratio Lower Upper

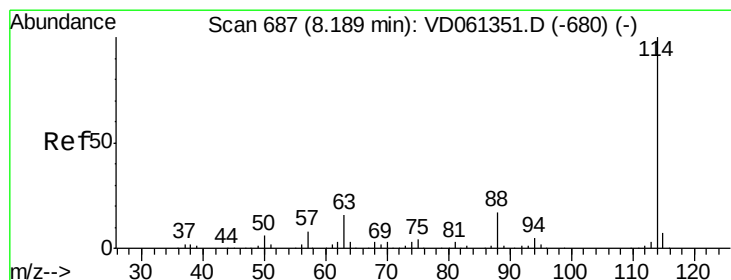
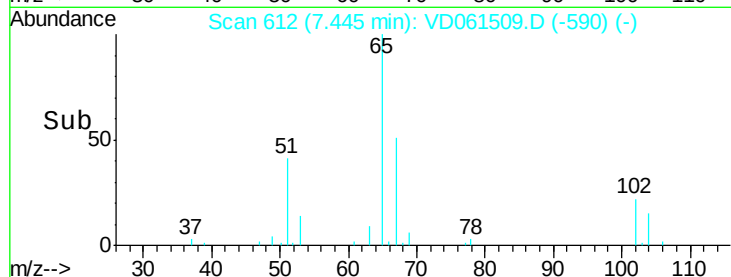
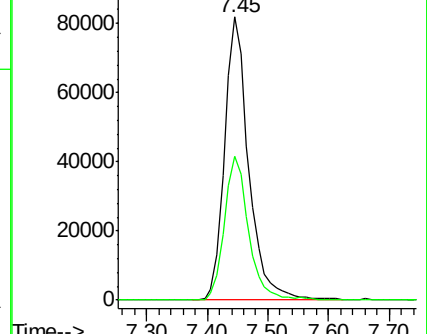
65 100

67 50.7 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# 690

Delta R.T. 0.02 min

Lab File: VD061509.D

Acq: 2 Apr 2019 12:16

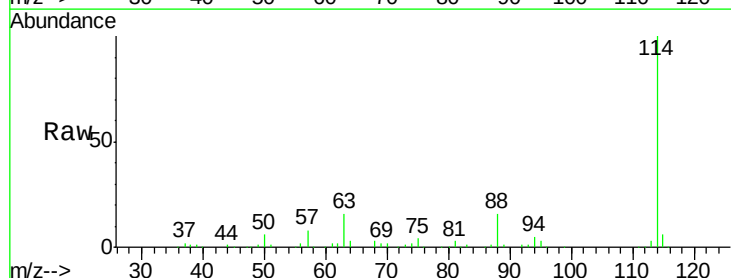
Tgt Ion: 114 Resp: 810485

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.6

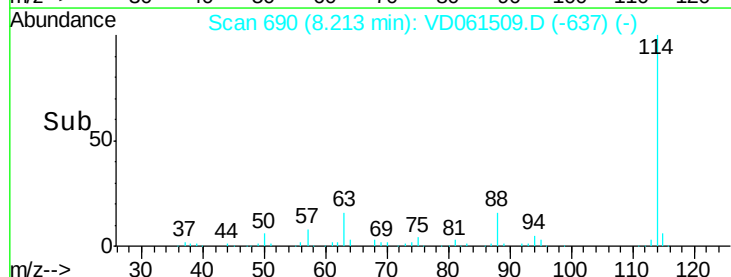
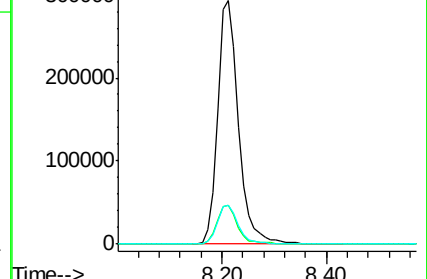
88 16.1 0.0 33.4

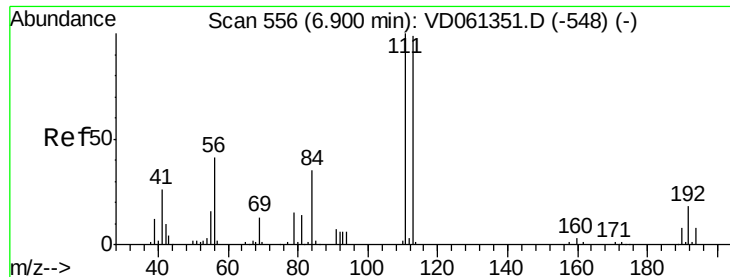


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

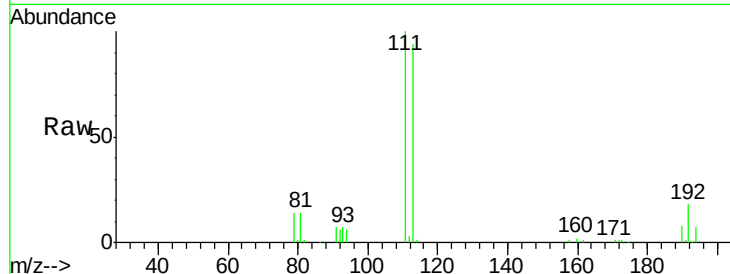




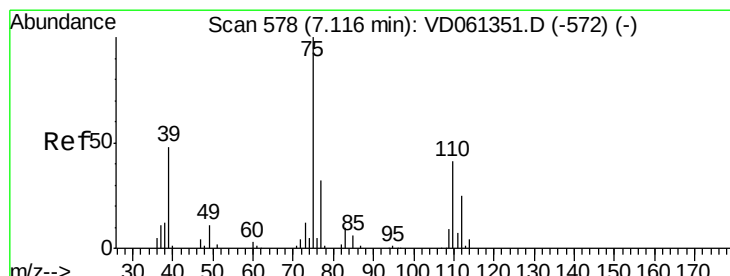
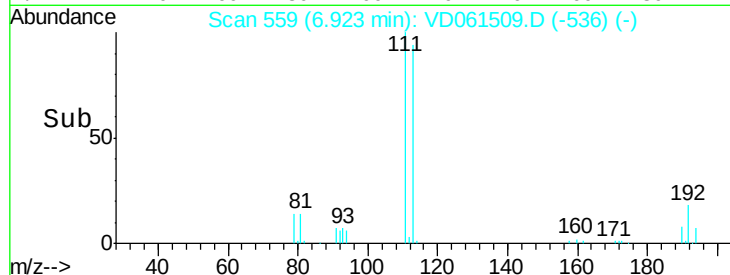
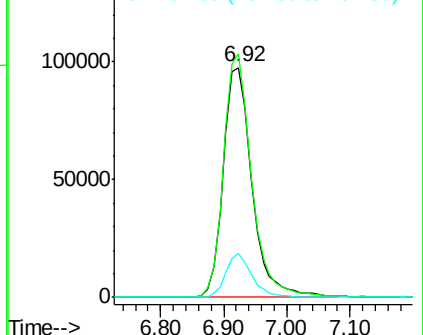
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD061509.D
 Acq: 2 Apr 2019 12:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.0	121.6
192	19.3	14.4	21.6

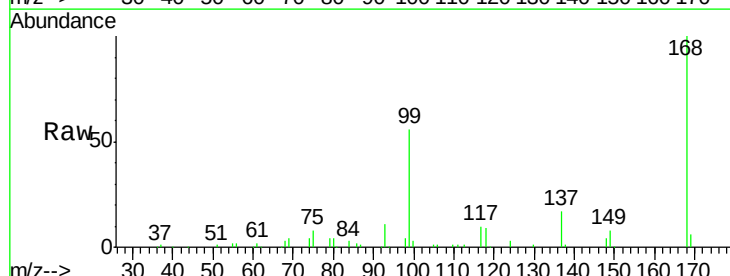


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

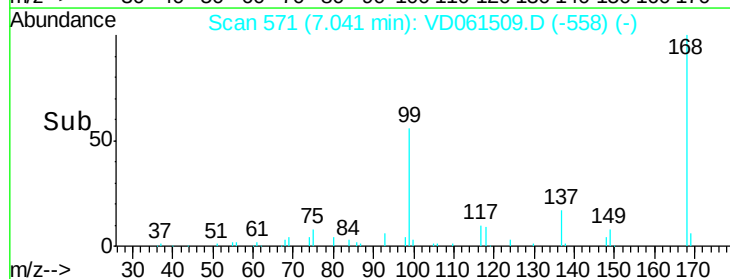
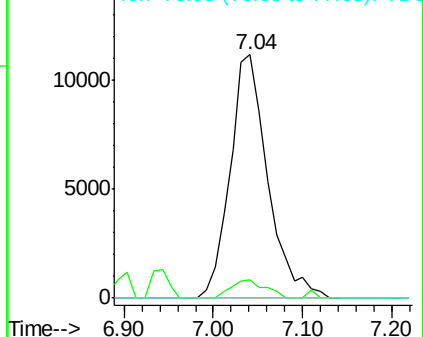


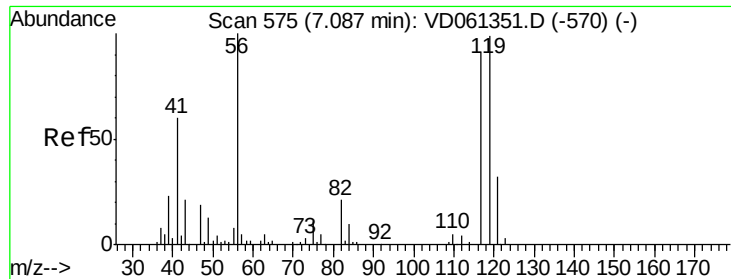
#36
 1,1-Dichloropropene
 Concen: 4.653 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061509.D
 Acq: 2 Apr 2019 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	20.4	61.3#
77	0.0	24.9	37.3#



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

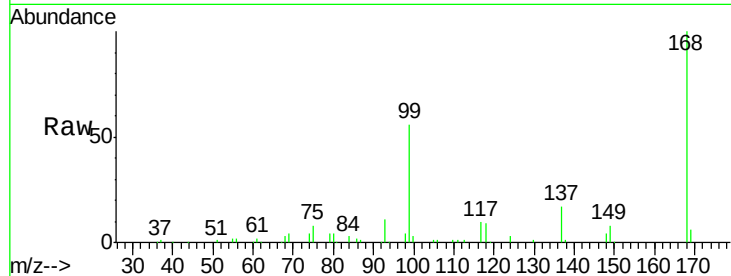




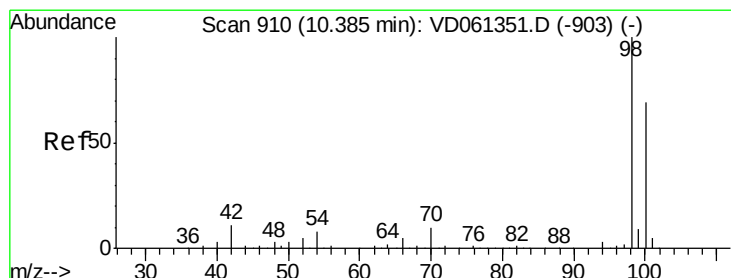
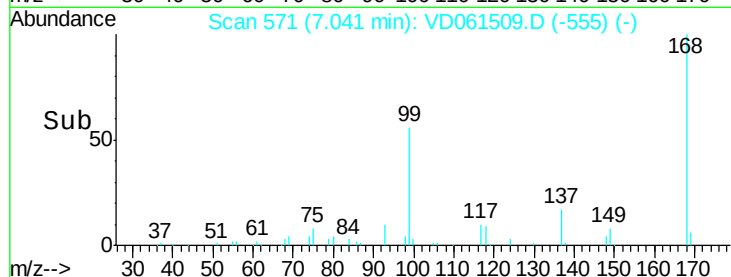
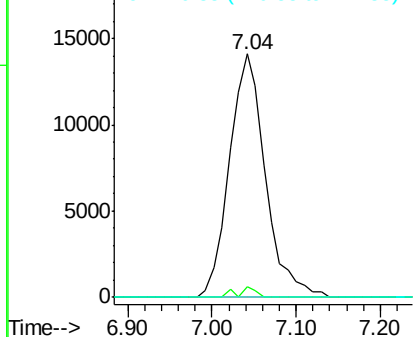
#38
Carbon Tetrachloride
Concen: 5.152 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.05 min
Lab File: VD061509.D
Acq: 2 Apr 2019 12:16

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 41876
Ion Ratio Lower Upper
117 100
119 4.3 80.1 120.1#
121 0.0 25.6 38.4#

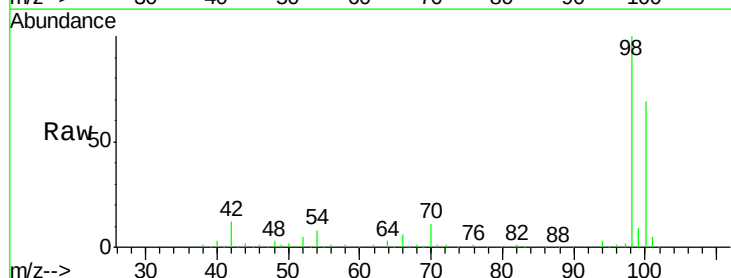


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

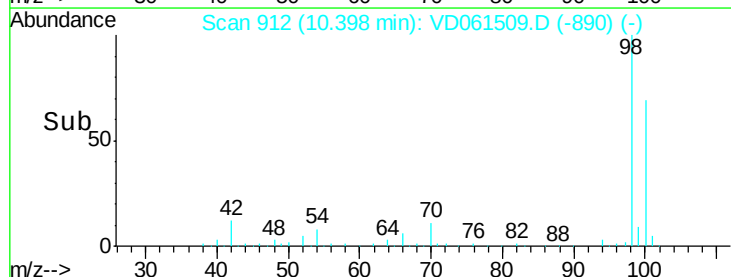
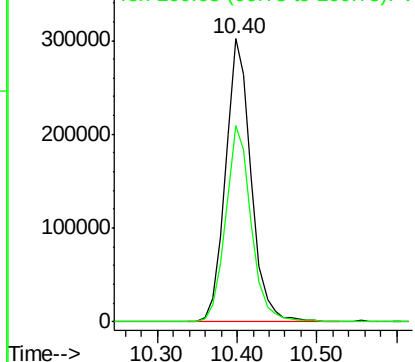


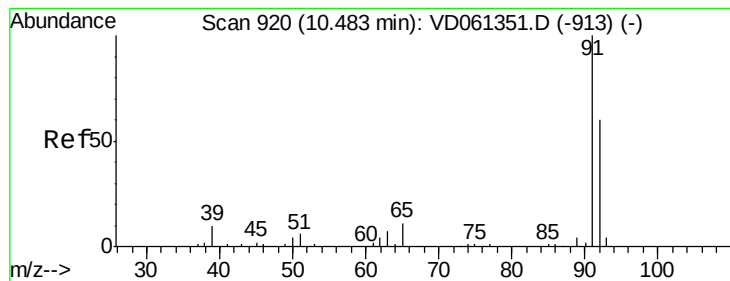
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061509.D
Acq: 2 Apr 2019 12:16

Tgt Ion: 98 Resp: 681013
Ion Ratio Lower Upper
98 100
100 69.5 56.2 84.2



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





#52

Toluene

Concen: 2.595 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD061509.D

Acq: 2 Apr 2019 12:16

Instrument :

MSVOA_D

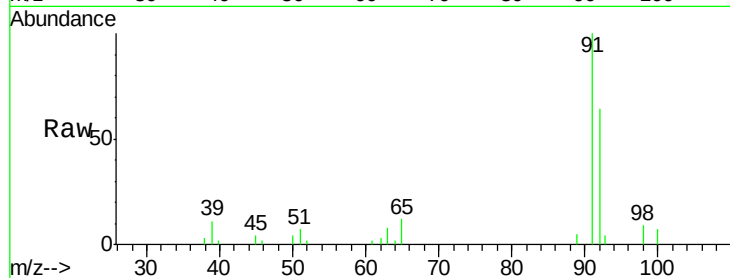
ClientSampleId :

Tot Ion: 92 Resp: 28102

Ion Ratio Lower Upper

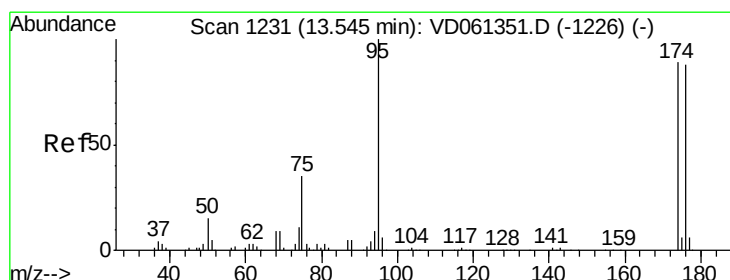
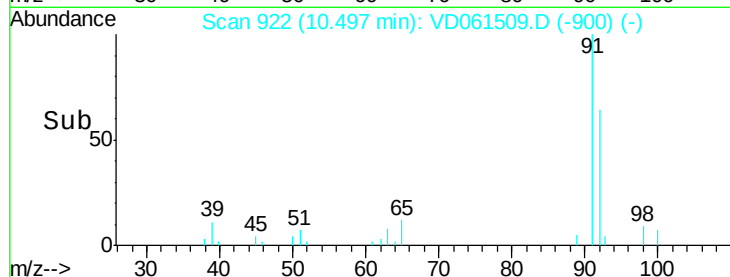
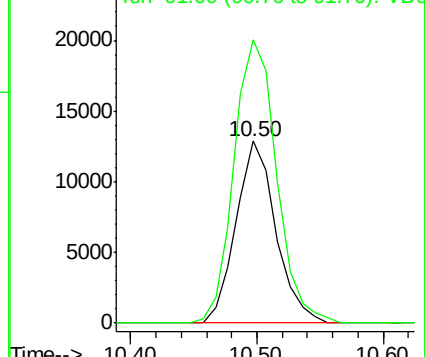
92 100

91 155.3 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061509.D

Acq: 2 Apr 2019 12:16

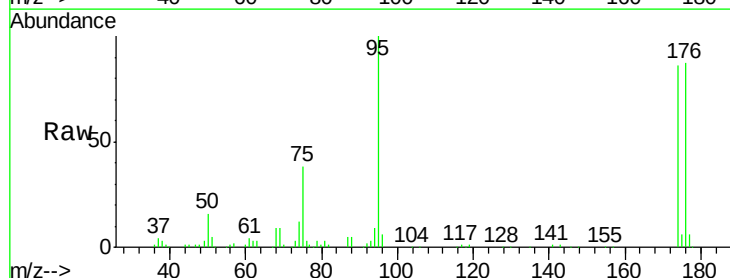
Tgt Ion: 95 Resp: 269592

Ion Ratio Lower Upper

95 100

174 86.4 0.0 178.0

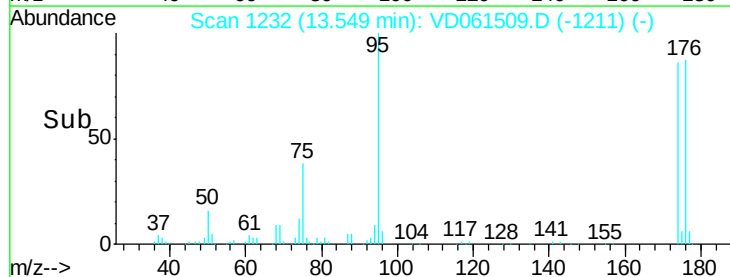
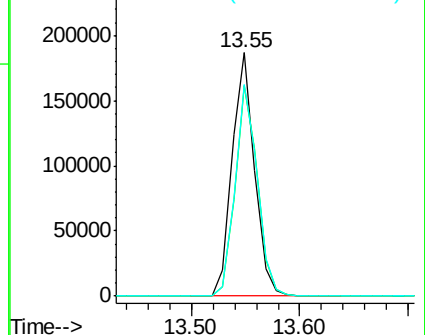
176 86.7 0.0 175.0

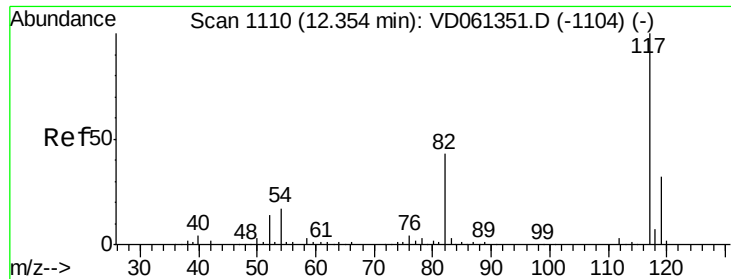


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

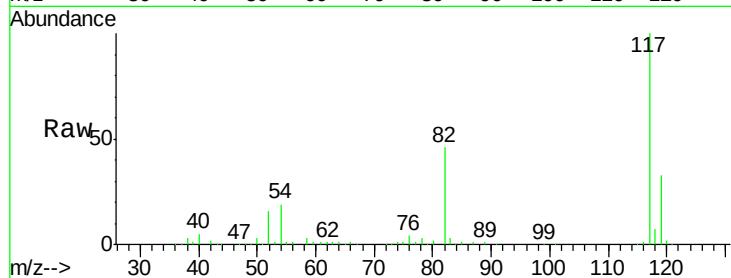




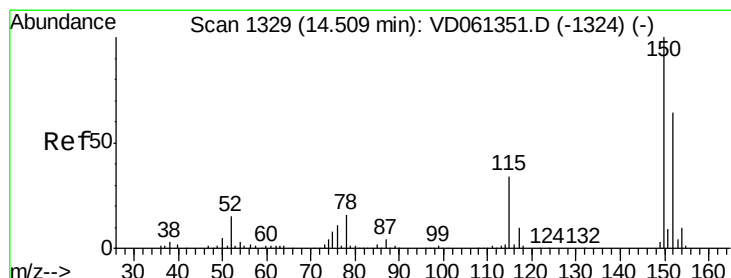
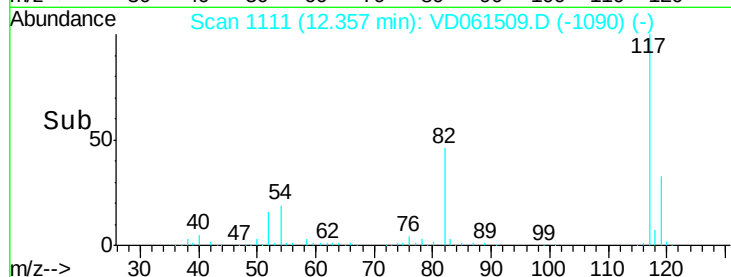
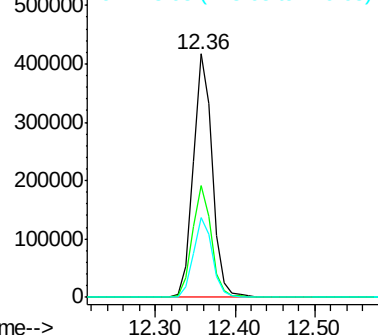
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061509.D
Acq: 2 Apr 2019 12:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 705831
Ion Ratio Lower Upper
117 100
82 46.0 34.4 51.6
119 32.7 25.8 38.6

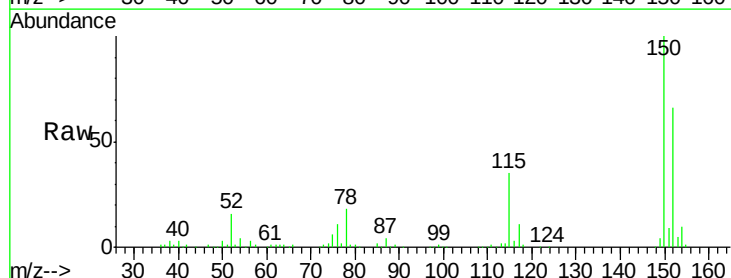


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

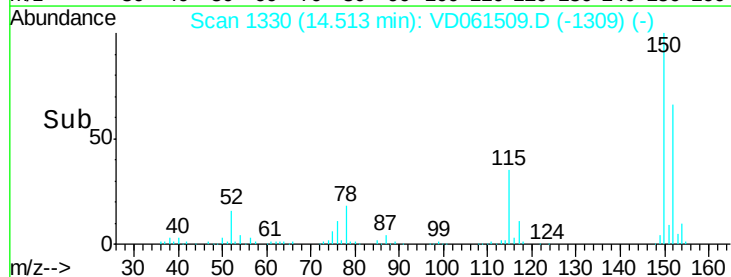
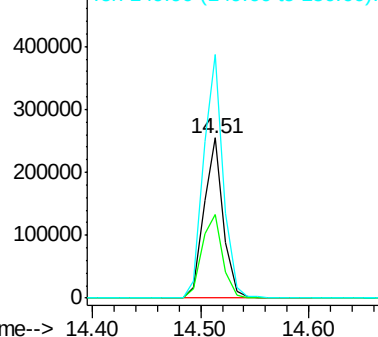


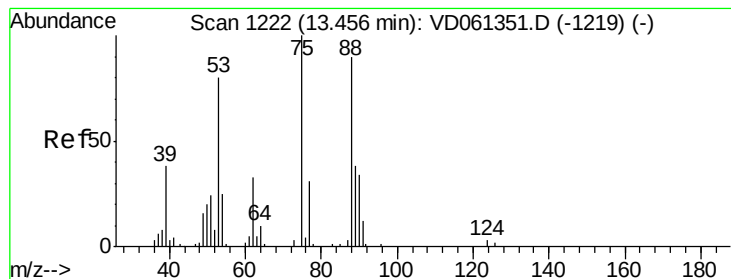
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061509.D
Acq: 2 Apr 2019 12:16

Tgt Ion:152 Resp: 315176
Ion Ratio Lower Upper
152 100
115 52.5 26.9 80.6
150 152.2 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: 72.350 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061509.D

Acq: 2 Apr 2019 12:16

Instrument :

MSVOA_D

ClientSampleId :

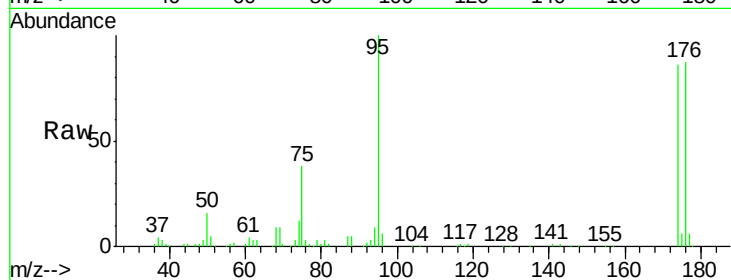
Tot Ion: 75 Resp: 100433

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

