

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061789.D
 Acq On : 12 Apr 2019 20:23
 Operator : VA/AP
 Sample : K2360-02
 Misc : 5.14g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 23:18:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

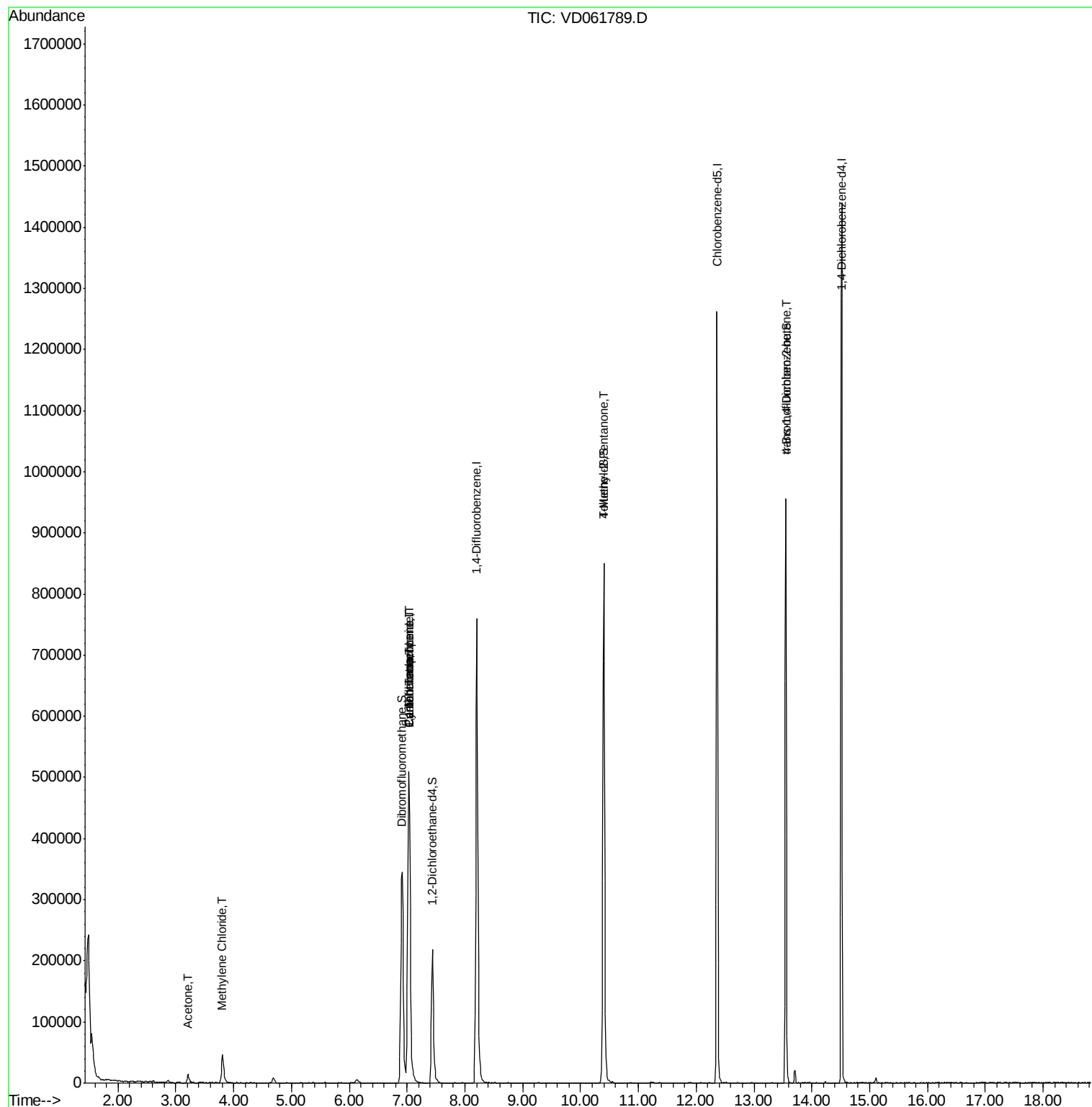
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	548218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	897616	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	773165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	356293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	221668	53.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.68%	
35) Dibromofluoromethane	6.92	113	334978	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	10.40	98	724449	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	13.55	95	289888	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
Target Compounds						
16) Acetone	3.21	43	27236	21.926	ug/l	96
20) Methylene Chloride	3.81	84	34777	4.934	ug/l	94
31) Cyclohexane	7.03	56	9944	1.271	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	40467	5.151	ug/l #	49
38) Carbon Tetrachloride	7.02	117	54210	5.888	ug/l #	16
51) 4-Methyl-2-Pentanone	10.39	43	2770	1.009	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	111236	75.622	ug/l #	20

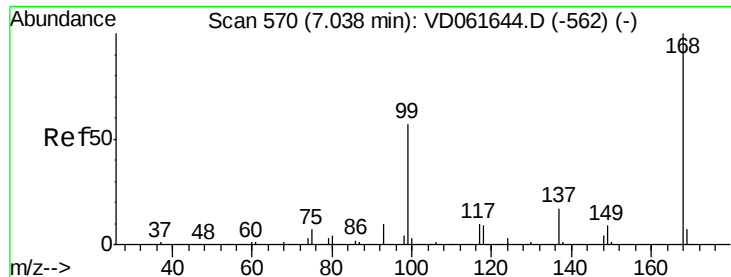
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041219\
Data File : VD061789.D
Acq On : 12 Apr 2019 20:23
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Sample : K2360-02
Misc : 5.14g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 12 23:18:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061789.D

Acq: 12 Apr 2019 20:23

Instrument :

MSVOA_D

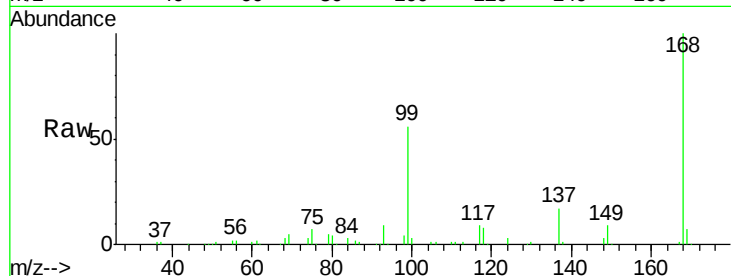
ClientSampleId :

Tot Ion:168 Resp: 548218

Ion Ratio Lower Upper

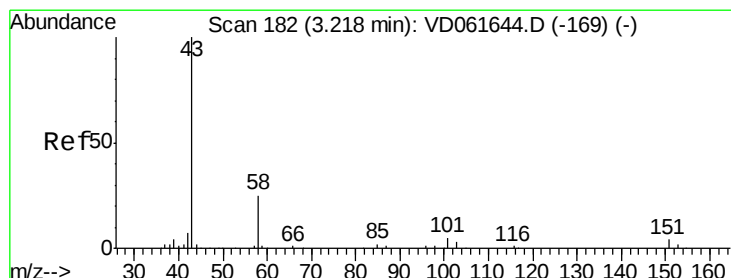
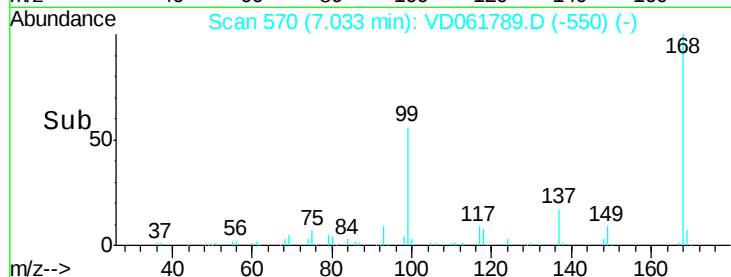
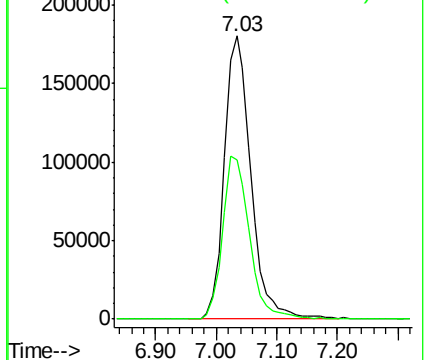
168 100

99 56.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 21.926 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061789.D

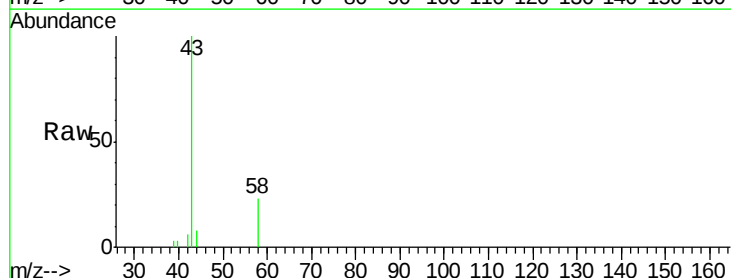
Acq: 12 Apr 2019 20:23

Tgt Ion: 43 Resp: 27236

Ion Ratio Lower Upper

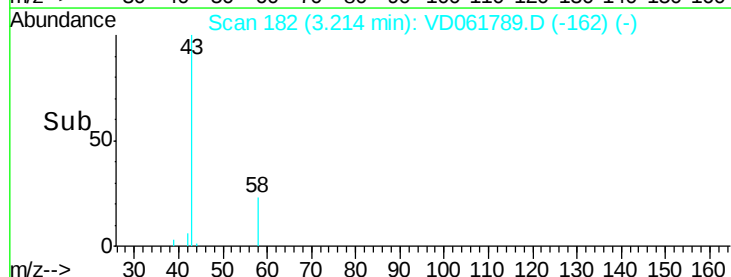
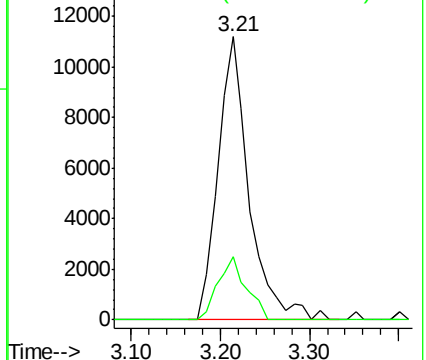
43 100

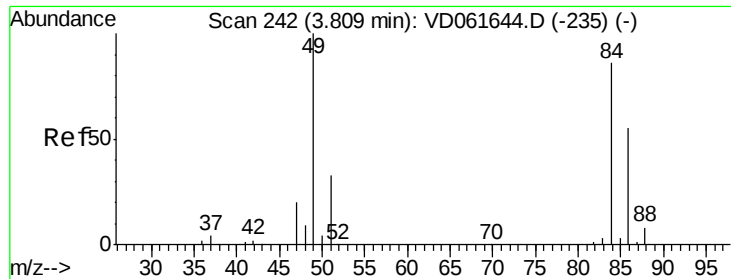
58 22.5 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

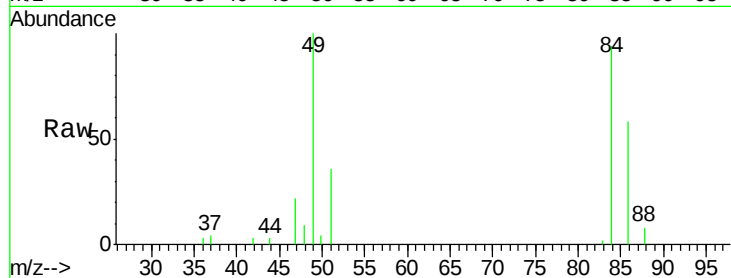




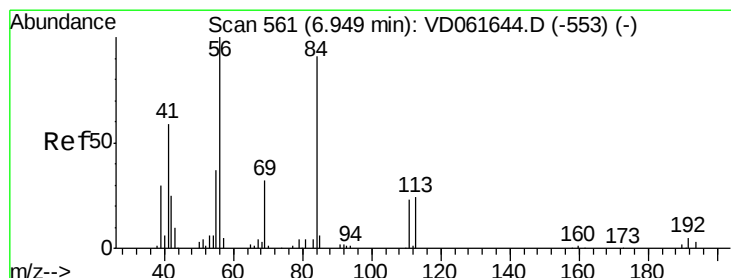
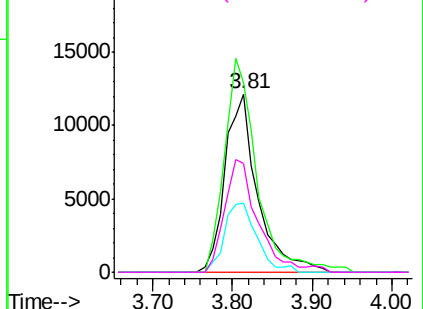
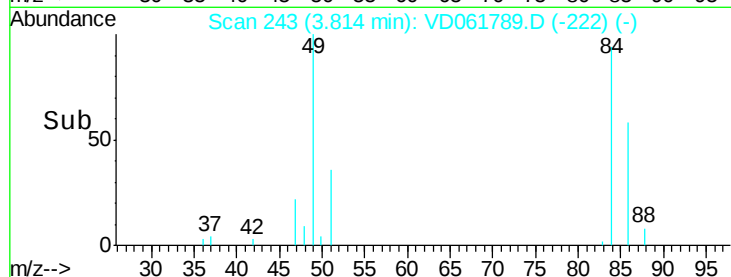
#20
Methvlene Chloride
Concen: 4.934 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061789.D
Acq: 12 Apr 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 34777
Ion Ratio Lower Upper
84 100
49 106.0 93.0 139.4
51 38.6 30.4 45.6
86 61.2 51.0 76.4

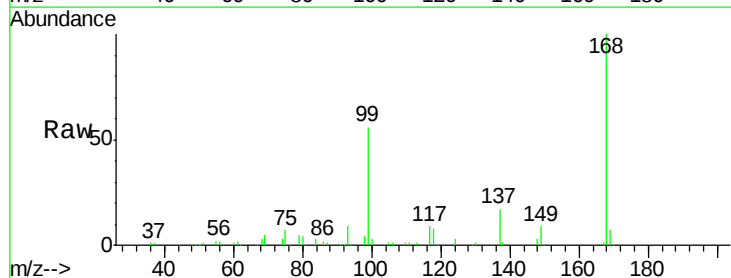


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

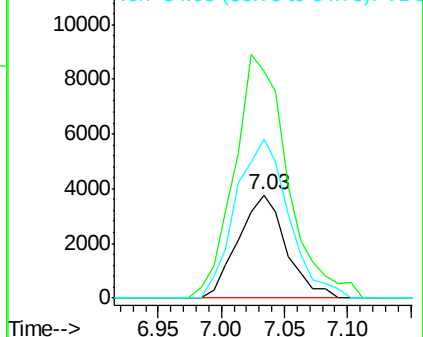
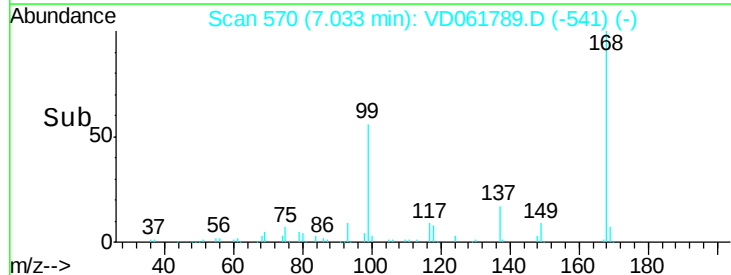


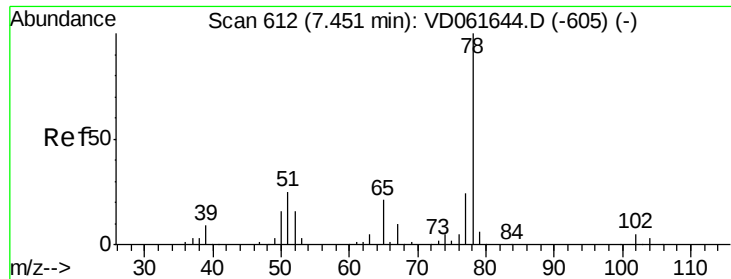
#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD061789.D
Acq: 12 Apr 2019 20:23

Tgt Ion: 56 Resp: 9944
Ion Ratio Lower Upper
56 100
69 220.7 25.8 38.6#
84 154.5 74.2 111.2#



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

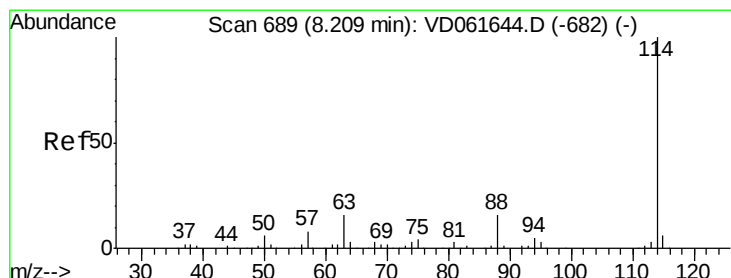
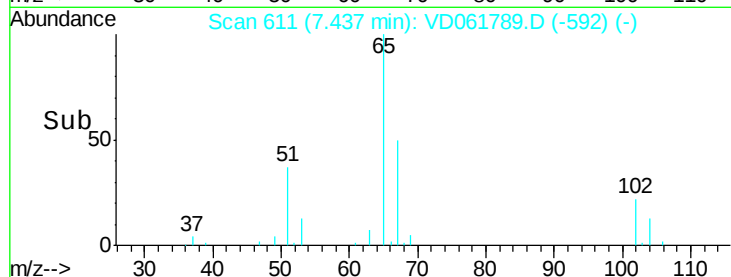
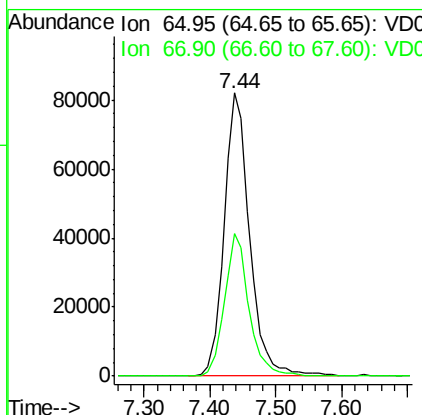
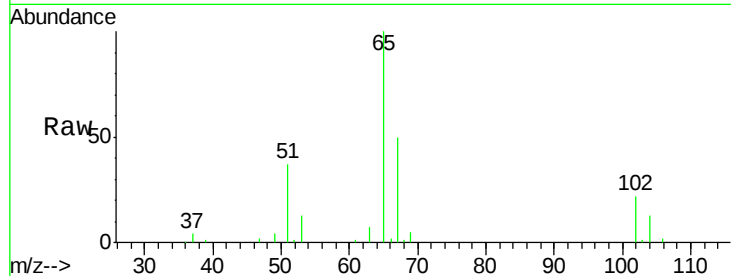




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD061789.D
 Acq: 12 Apr 2019 20:23

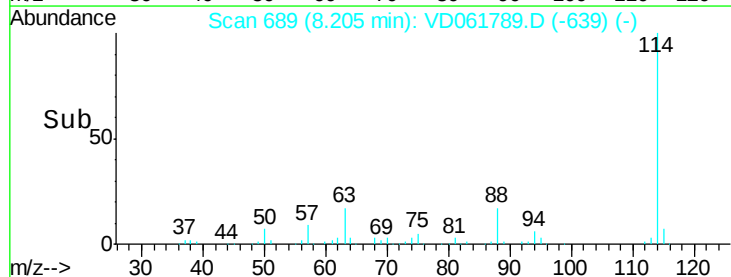
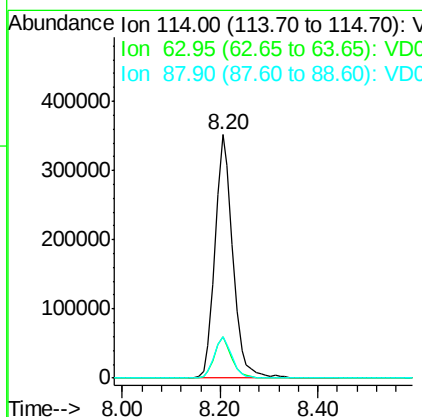
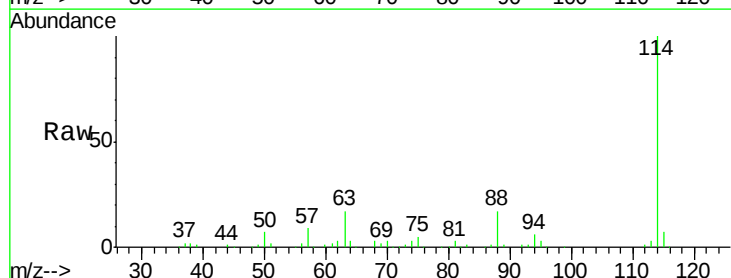
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 65 Resp: 221668
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061789.D
 Acq: 12 Apr 2019 20:23

Tgt Ion:114 Resp: 897616
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 31.2
 88 17.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061789.D

Acq: 12 Apr 2019 20:23

Instrument :

MSVOA_D

ClientSampled :

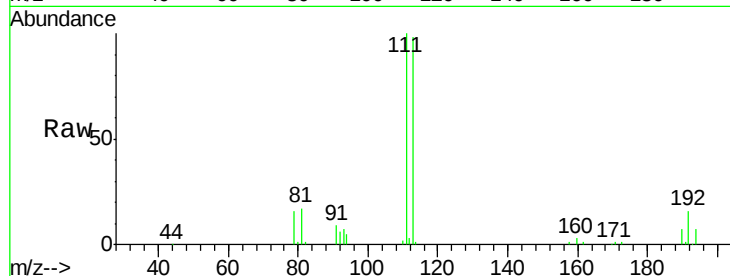
Tot Ion:113 Resp: 334978

Ion Ratio Lower Upper

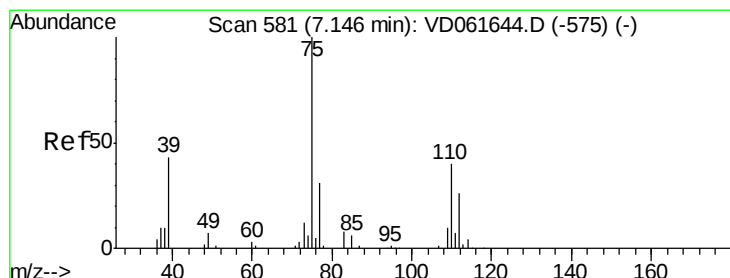
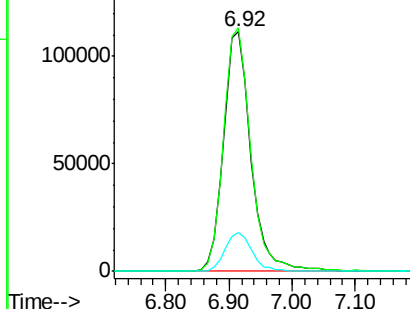
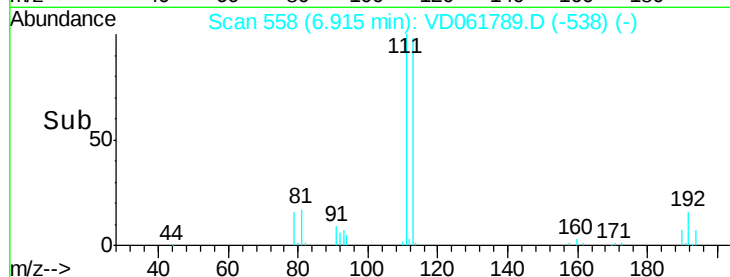
113 100

111 101.6 79.3 118.9

192 16.3 12.3 18.5



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: 5.151 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.12 min

Lab File: VD061789.D

Acq: 12 Apr 2019 20:23

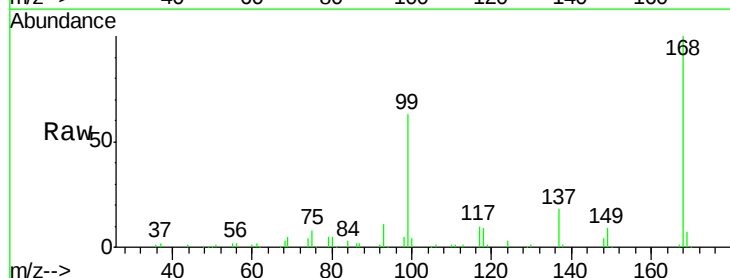
Tgt Ion: 75 Resp: 40467

Ion Ratio Lower Upper

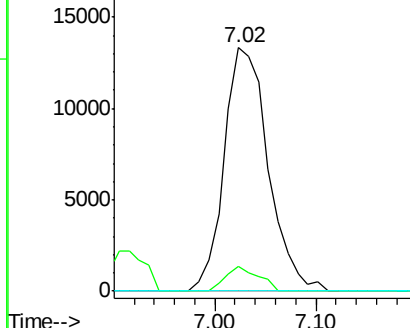
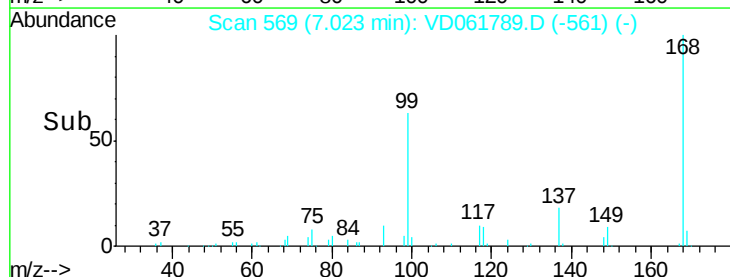
75 100

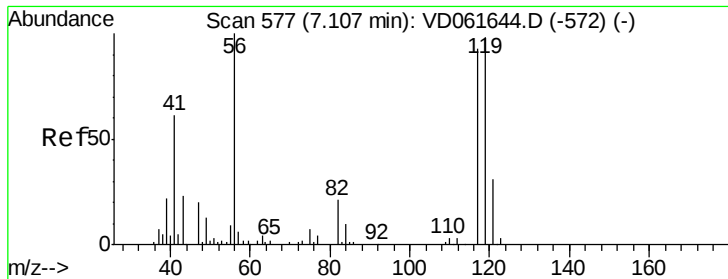
110 10.1 19.7 59.0#

77 0.0 24.8 37.2#



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

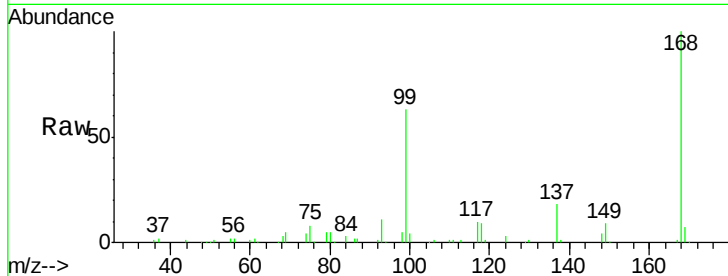




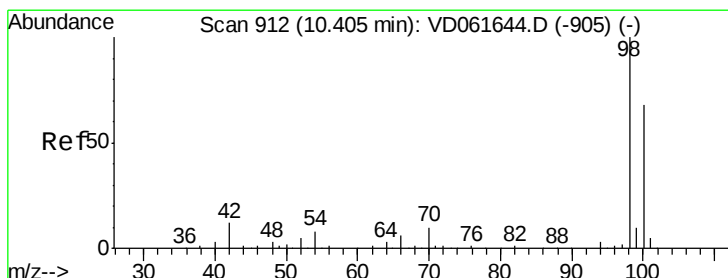
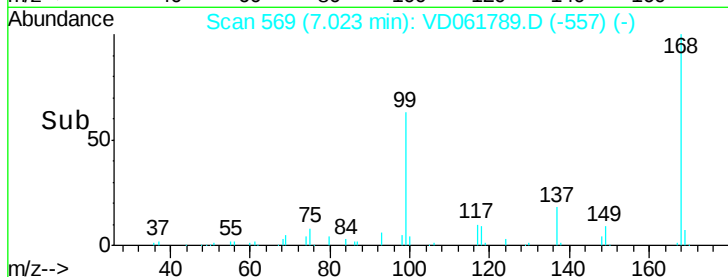
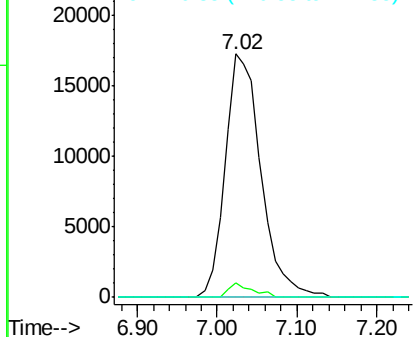
#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.08 min
Lab File: VD061789.D
Acq: 12 Apr 2019 20:23

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 54210
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.7 37.1#

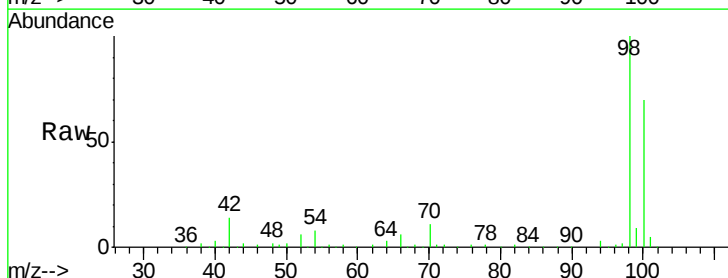


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

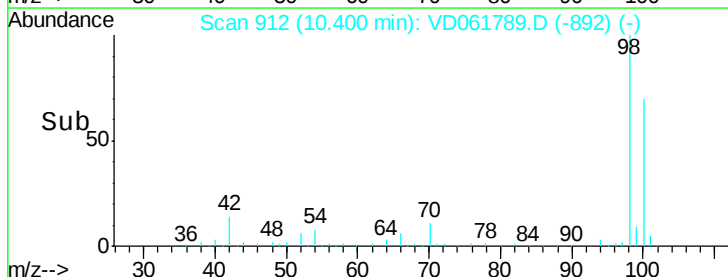
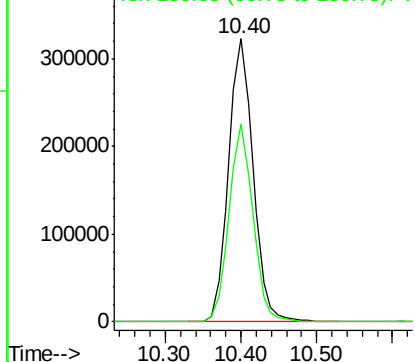


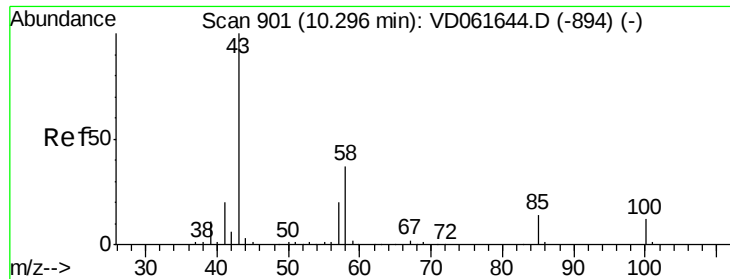
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061789.D
Acq: 12 Apr 2019 20:23

Tgt Ion: 98 Resp: 724449
Ion Ratio Lower Upper
98 100
100 69.8 55.4 83.0



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





#51

4-Methyl-2-Pentanone

Concen: 1.009 ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.09 min

Lab File: VD061789.D

Acq: 12 Apr 2019 20:23

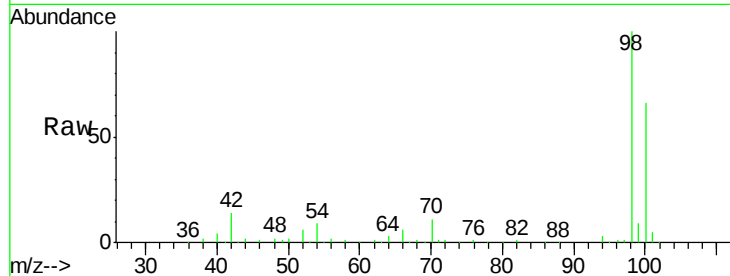
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 2770

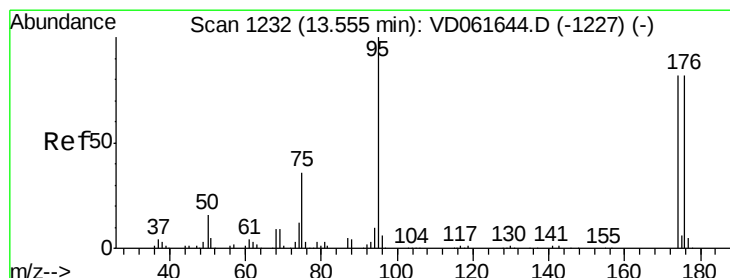
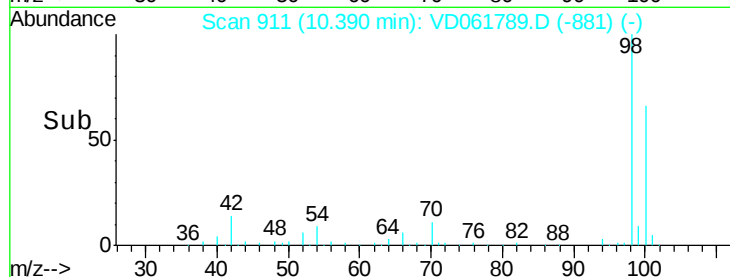
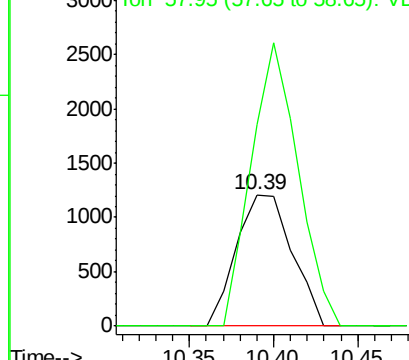
Ion Ratio Lower Upper

43 100

58 152.9 29.8 44.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061789.D

Acq: 12 Apr 2019 20:23

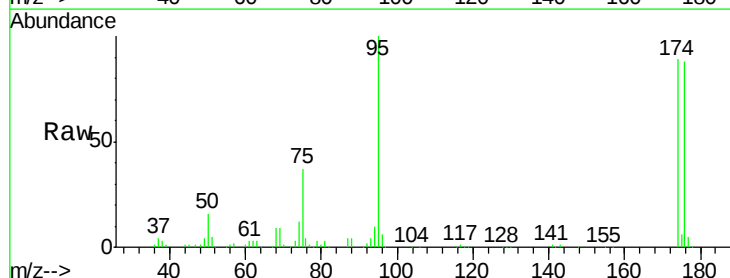
Tgt Ion: 95 Resp: 289888

Ion Ratio Lower Upper

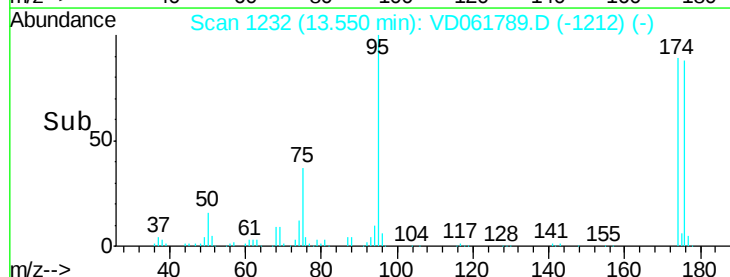
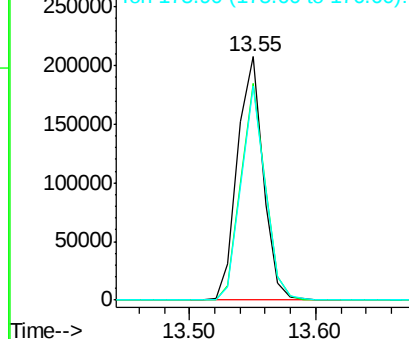
95 100

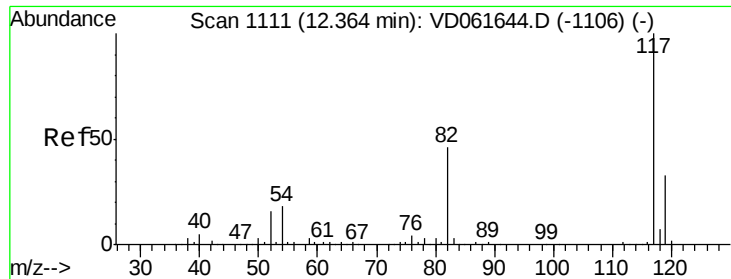
174 89.1 0.0 164.6

176 88.2 0.0 165.0



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

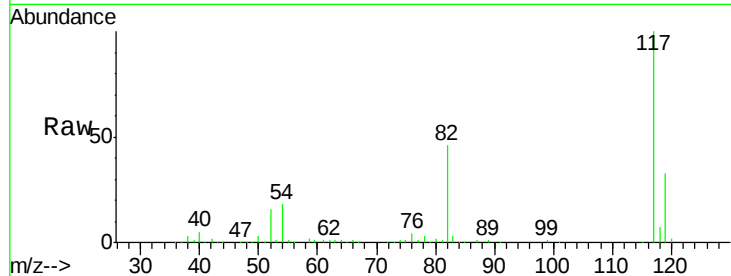




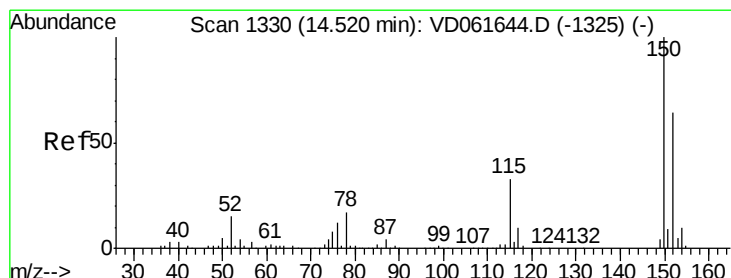
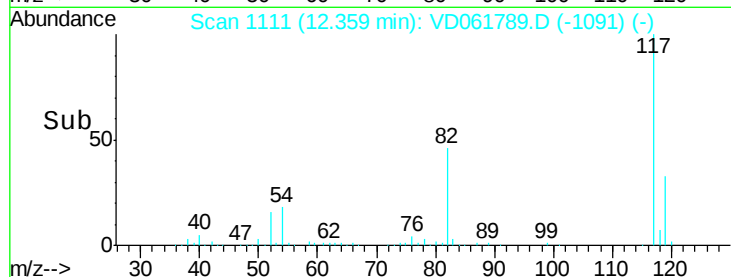
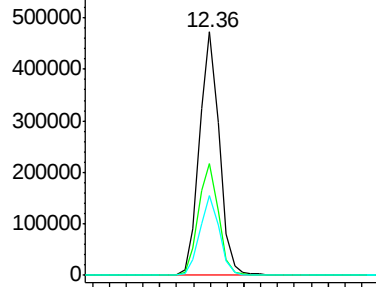
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD061789.D
 Acq: 12 Apr 2019 20:23

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:117 Resp: 773165
 Ion Ratio Lower Upper
 117 100
 82 46.2 36.8 55.2
 119 33.0 26.1 39.1

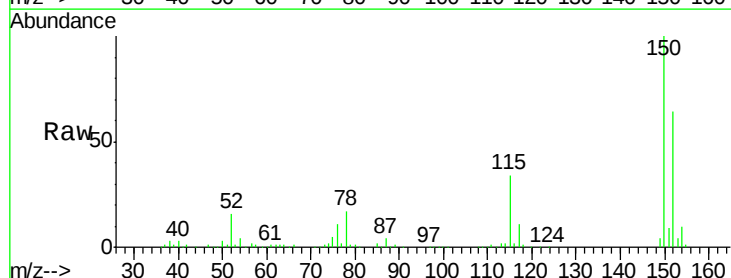


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

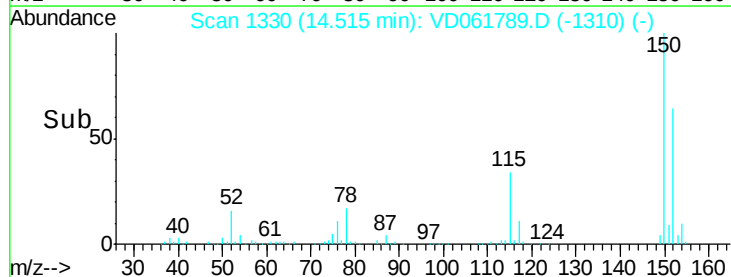
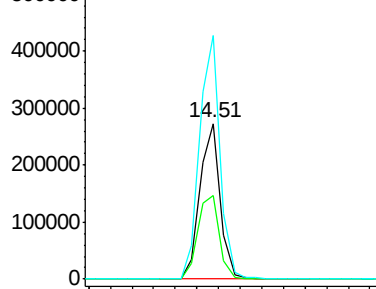


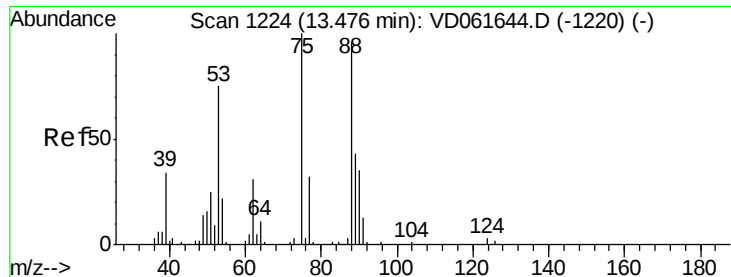
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061789.D
 Acq: 12 Apr 2019 20:23

Tgt Ion:152 Resp: 356293
 Ion Ratio Lower Upper
 152 100
 115 53.3 26.4 79.2
 150 156.2 0.0 320.6



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: 75.622 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061789.D

Acq: 12 Apr 2019 20:23

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 111236

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

89 0.0 34.2 51.2#

