

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061490.D
 Acq On : 2 Apr 2019 3:03
 Operator : VA/AP
 Sample : VD0401SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 06:27:51 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

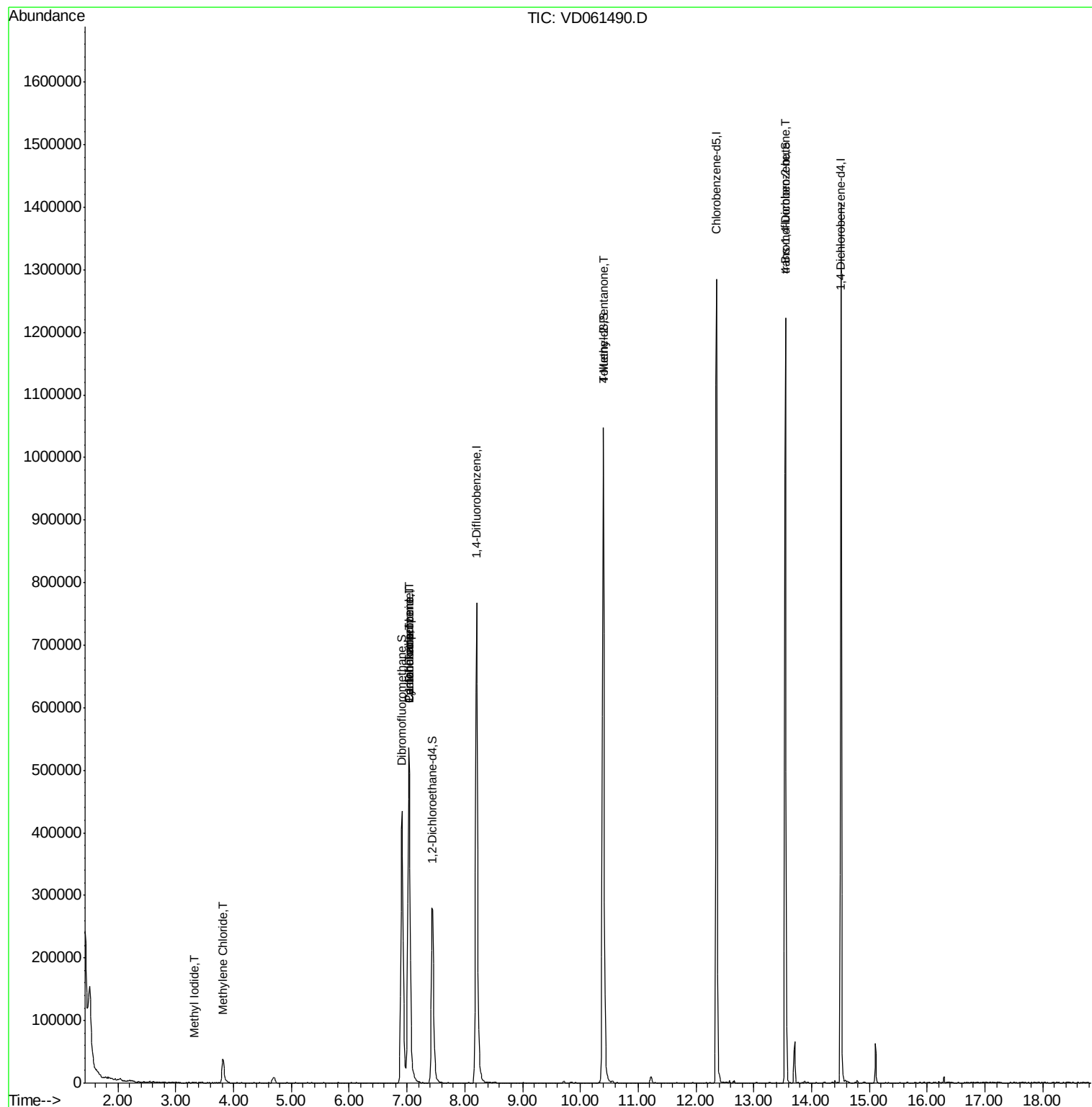
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	577103	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	936900	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	820838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	359962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	294799	59.80	ug/l	0.01
Spiked Amount 50.000			Recovery	=	119.60%	
35) Dibromofluoromethane	6.91	113	431420	60.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.52%	
50) Toluene-d8	10.40	98	945211	55.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.08%	
62) 4-Bromofluorobenzene	13.55	95	400014	60.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.50%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.31	142	714	3.527	ug/l #	38
20) Methylene Chloride	3.82	84	31081	2.556	ug/l	95
31) Cyclohexane	7.03	56	10161	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	42824	5.237	ug/l #	45
38) Carbon Tetrachloride	7.03	117	55540	5.911	ug/l #	14
51) 4-Methyl-2-Pentanone	10.39	43	3731	1.205	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	150351	94.834	ug/l #	18

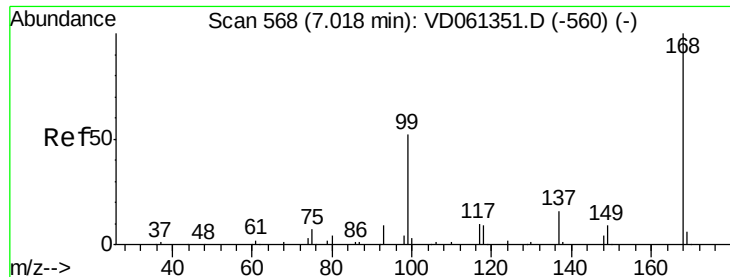
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061490.D
Acq On : 2 Apr 2019 3:03
Operator : VA/AP
Sample : VD0401SBL02
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 02 06:27:51 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: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061490.D

Acq: 2 Apr 2019 3:03

Instrument :

MSVOA_D

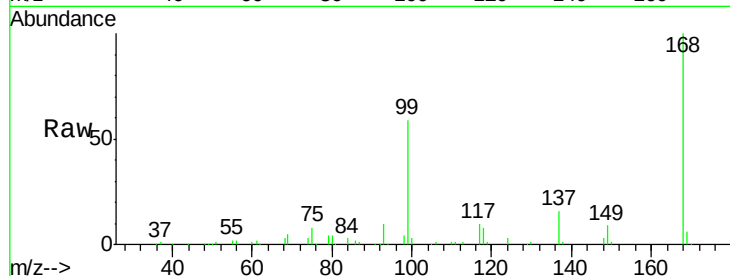
ClientSampleId :

Tot Ion:168 Resp: 577103

Ion Ratio Lower Upper

168 100

99 59.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.03

200000

150000

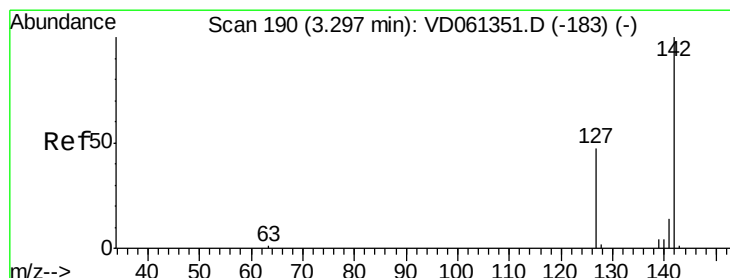
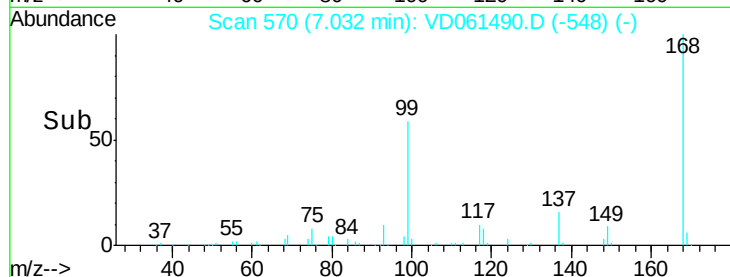
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#10

Methyl Iodide

Concen: 3.527 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.01 min

Lab File: VD061490.D

Acq: 2 Apr 2019 3:03

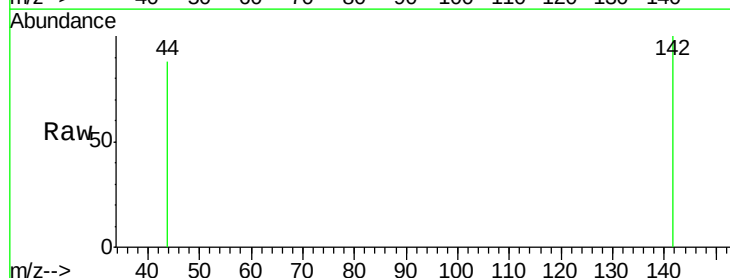
Tgt Ion:142 Resp: 714

Ion Ratio Lower Upper

142 100

127 0.0 37.7 56.5#

141 0.0 11.5 17.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.31

600

500

400

300

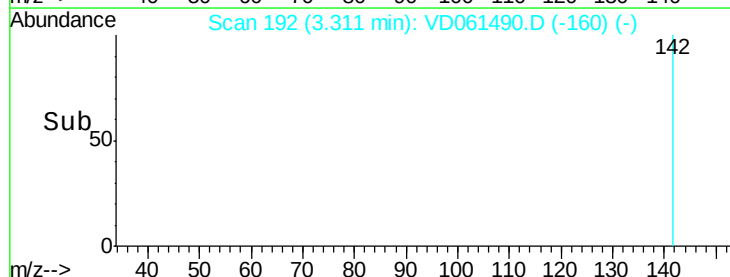
200

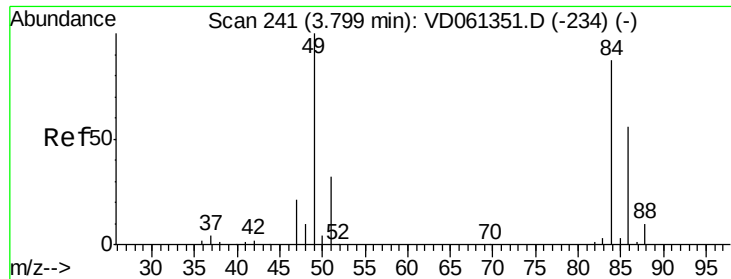
100

0

3.30 3.35

Time-->

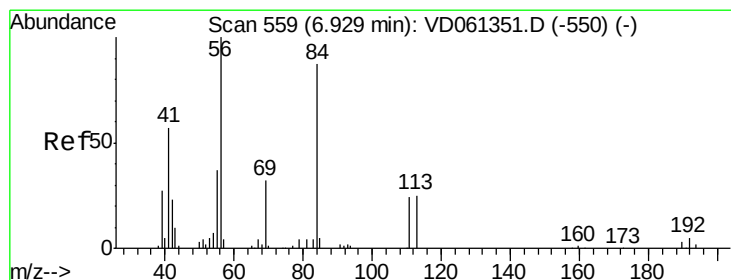
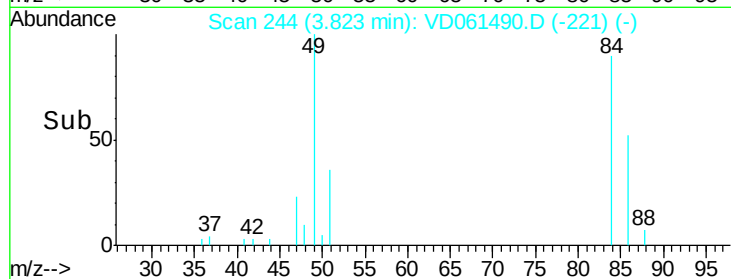
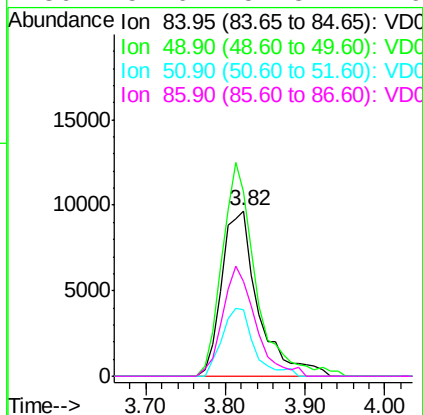
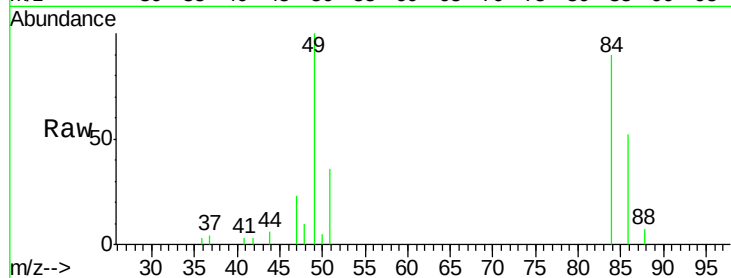




#20
Methylene Chloride
Concen: 2.556 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061490.D
Acq: 2 Apr 2019 3:03

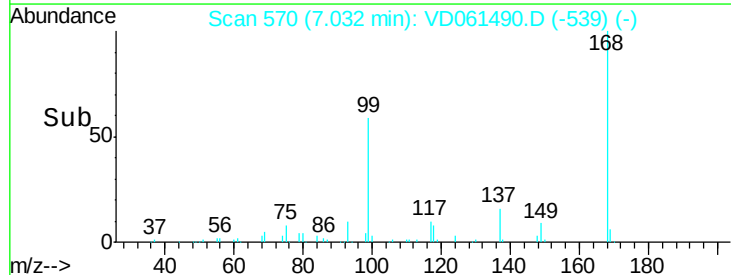
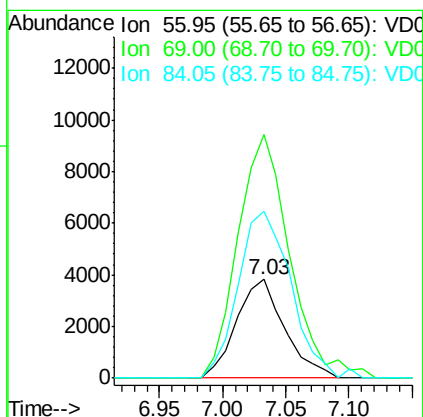
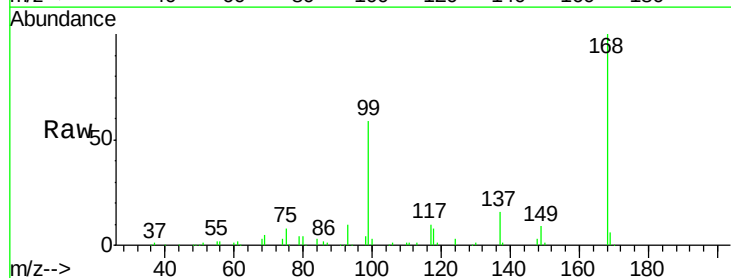
Instrument :
MSVOA_D
ClientSampleId :

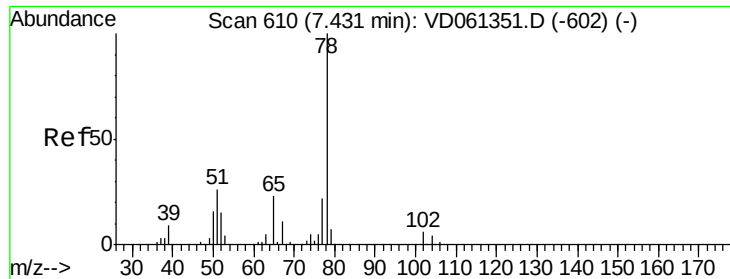
Tot Ion:	84	Resp:	31081
Ion	Ratio	Lower	Upper
84	100		
49	111.3	91.8	137.8
51	40.2	29.8	44.8
86	57.6	51.8	77.6



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD061490.D
Acq: 2 Apr 2019 3:03

Tgt Ion:	56	Resp:	10161
Ion	Ratio	Lower	Upper
56	100		
69	247.2	25.7	38.5#
84	169.5	70.6	105.8#

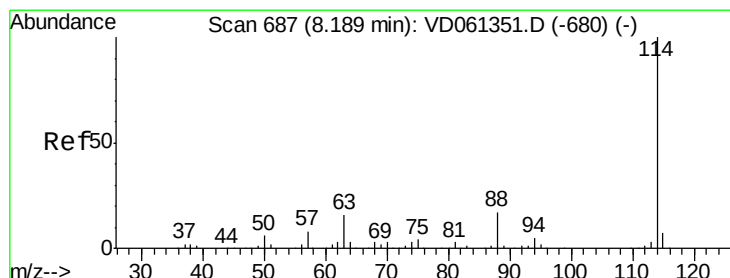
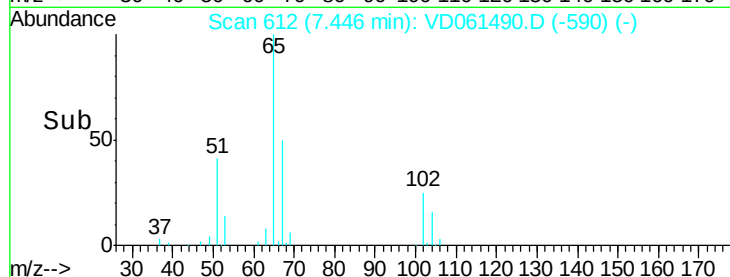
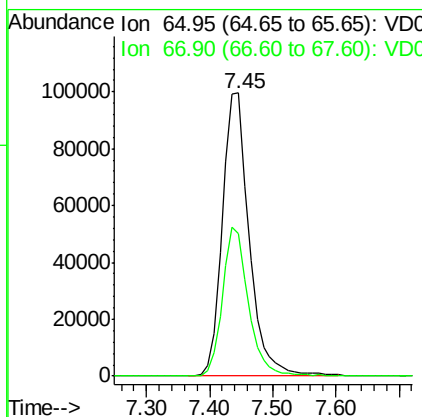
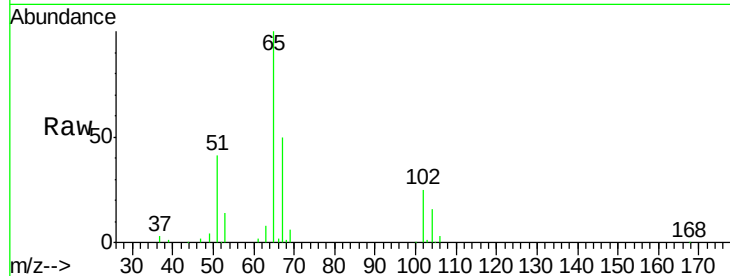




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD061490.D
 Acq: 2 Apr 2019 3:03

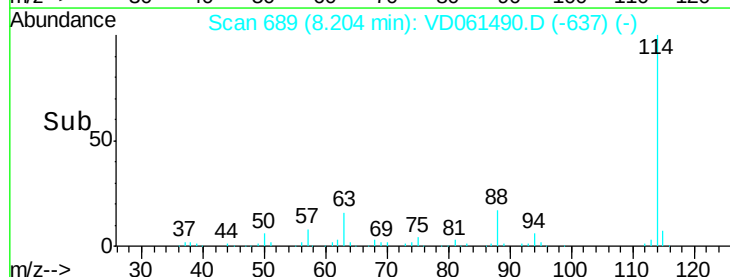
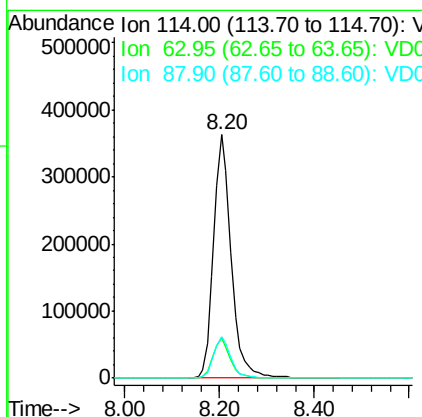
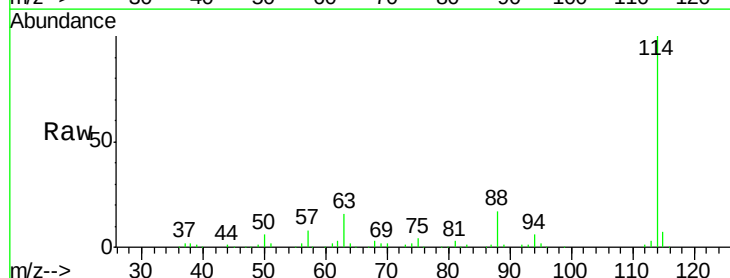
Instrument :
 MSVOA_D
 ClientSampled :

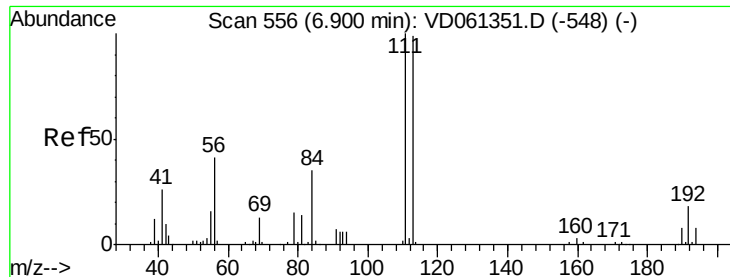
Tot Ion: 65 Resp: 294799
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061490.D
 Acq: 2 Apr 2019 3:03

Tgt Ion: 114 Resp: 936900
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 17.0 0.0 33.4

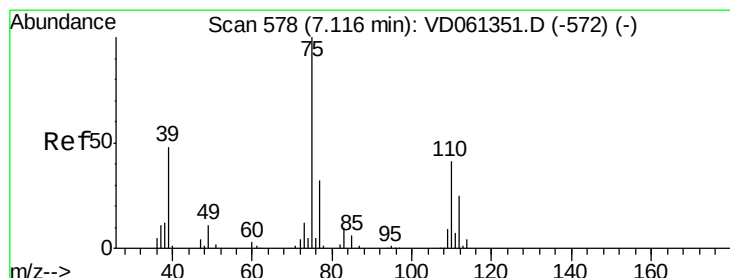
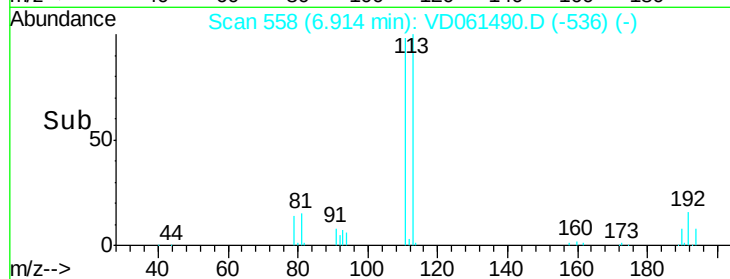
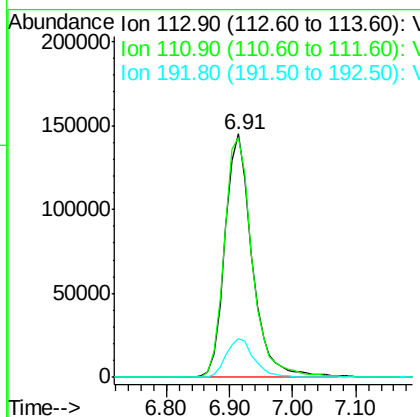
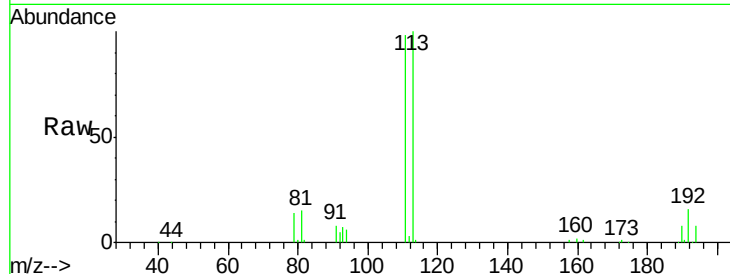




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061490.D
 Acq: 2 Apr 2019 3:03

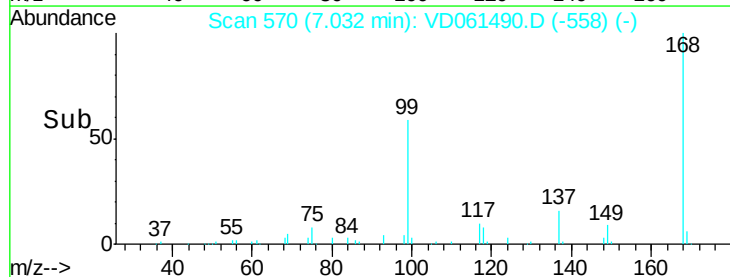
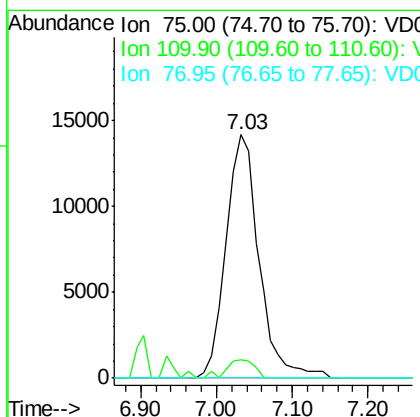
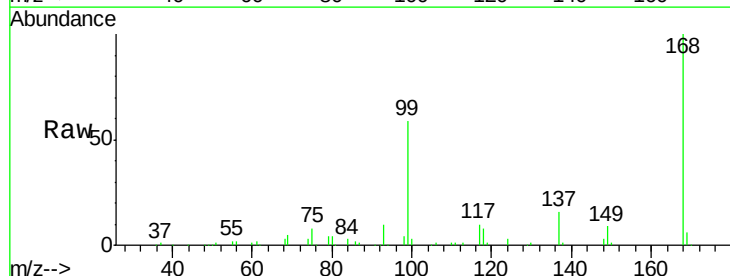
Instrument :
 MSVOA_D
 ClientSampleId :

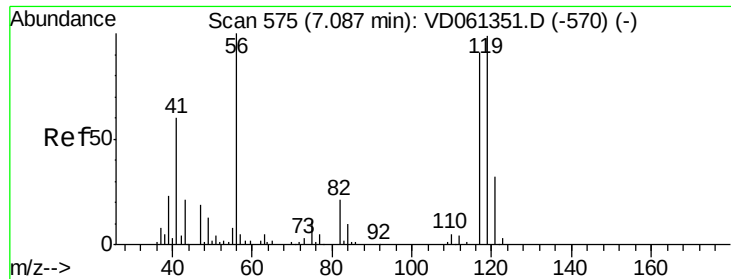
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.0	121.6
192	16.2	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 5.237 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061490.D
 Acq: 2 Apr 2019 3:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	20.4	61.3#
77	0.0	24.9	37.3#

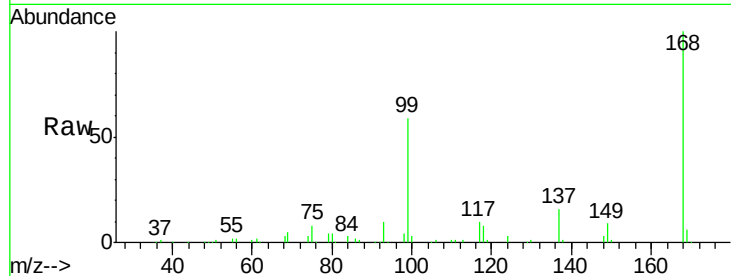




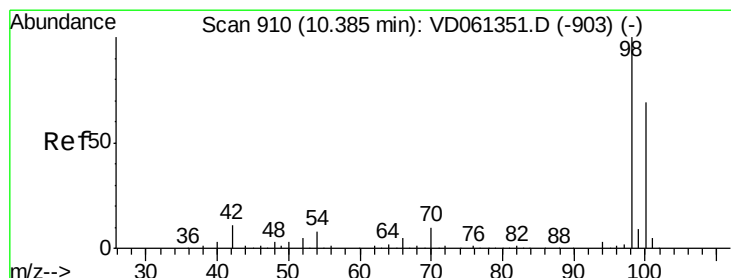
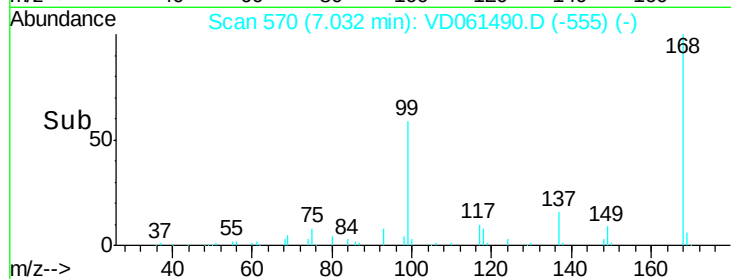
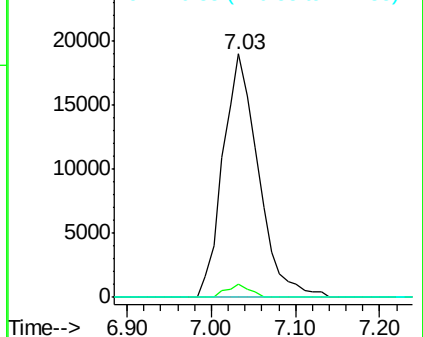
#38
Carbon Tetrachloride
Concen: 5.911 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD061490.D
Acq: 2 Apr 2019 3:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 55540
Ion Ratio Lower Upper
117 100
119 5.5 80.1 120.1#
121 0.0 25.6 38.4#

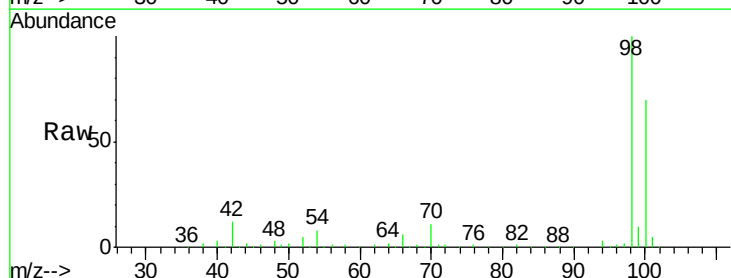


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

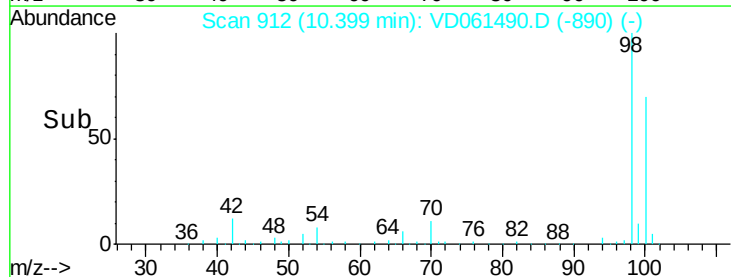
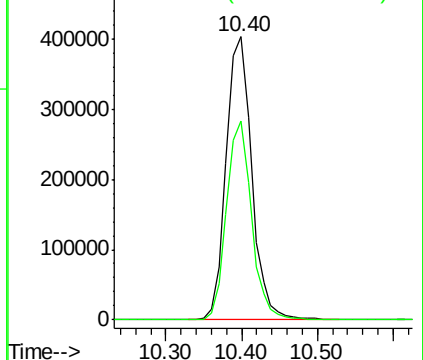


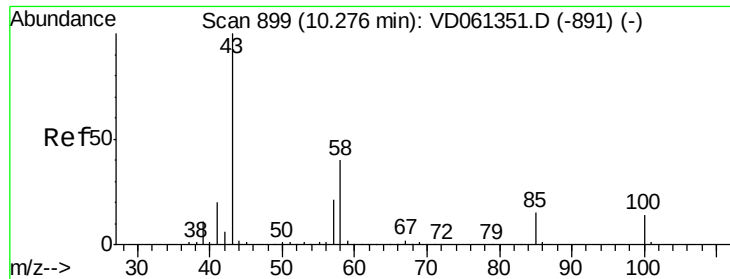
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061490.D
Acq: 2 Apr 2019 3:03

Tgt Ion: 98 Resp: 945211
Ion Ratio Lower Upper
98 100
100 70.1 56.2 84.2



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

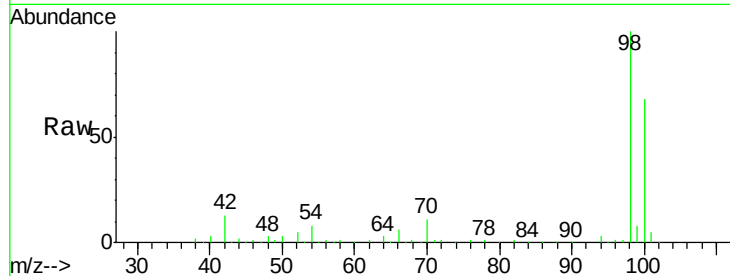




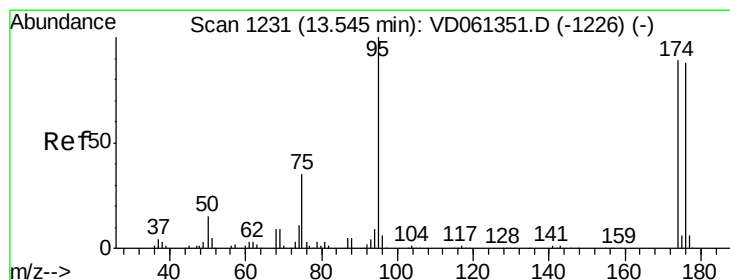
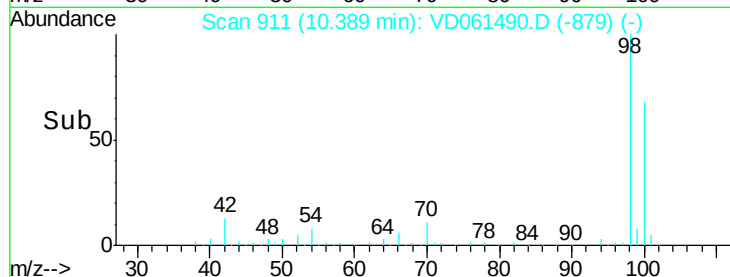
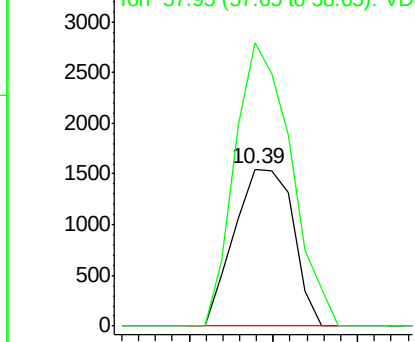
#51
 4-Methyl-2-Pentanone
 Concen: 1.205 ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. 0.11 min
 Lab File: VD061490.D
 Acq: 2 Apr 2019 3:03

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 43 Resp: 3731
 Ion Ratio Lower Upper
 43 100
 58 180.0 31.8 47.8#

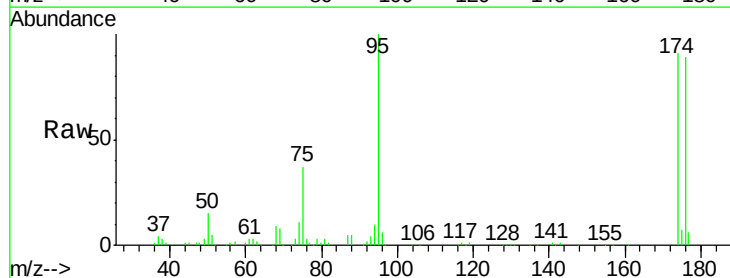


Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

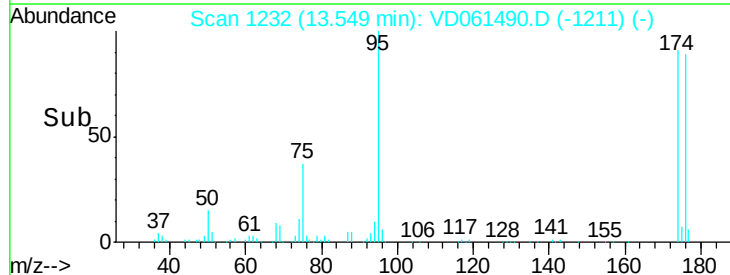
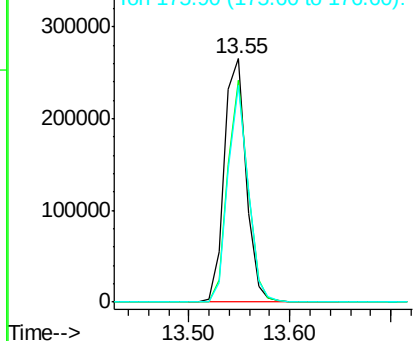


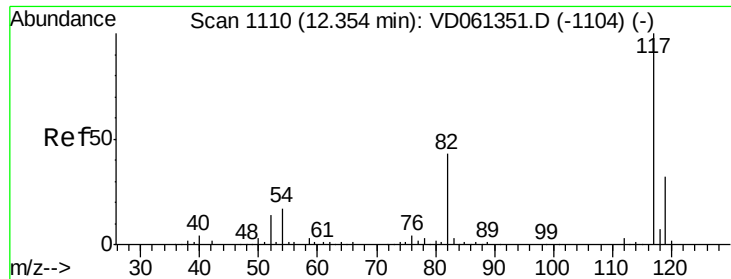
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD061490.D
 Acq: 2 Apr 2019 3:03

Tgt Ion: 95 Resp: 400014
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 178.0
 176 89.3 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

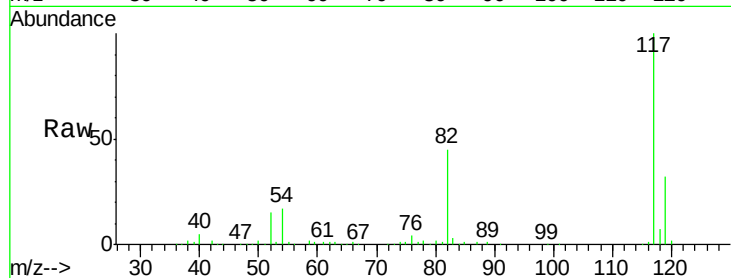




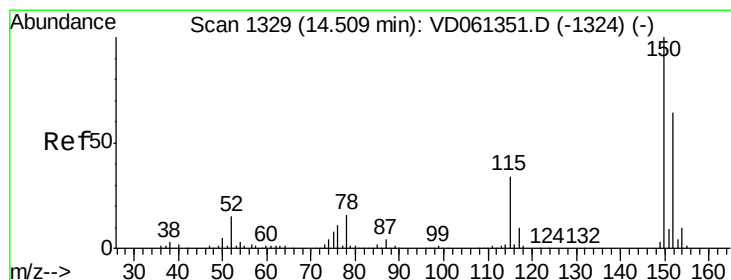
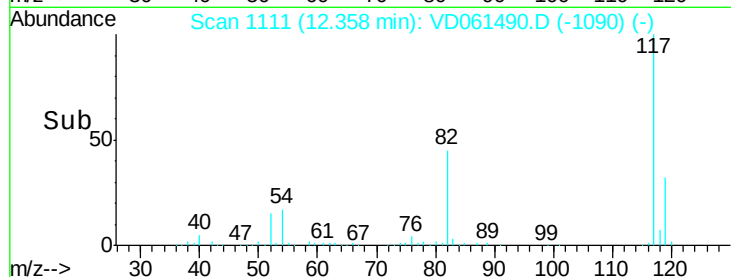
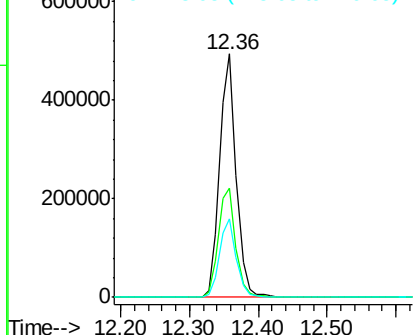
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061490.D
Acq: 2 Apr 2019 3:03

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 820838
Ion Ratio Lower Upper
117 100
82 45.0 34.4 51.6
119 32.5 25.8 38.6

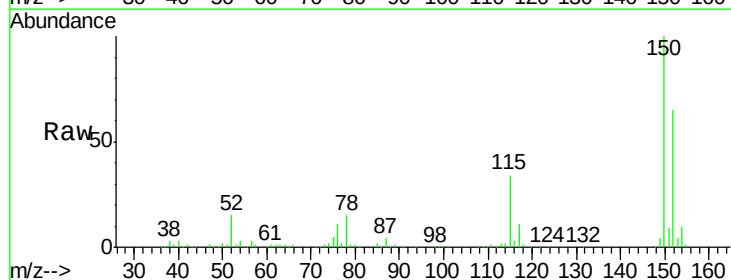


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

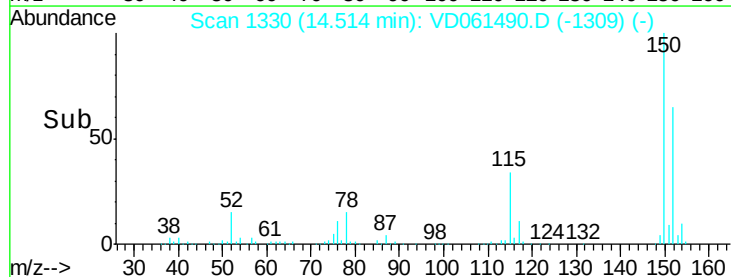
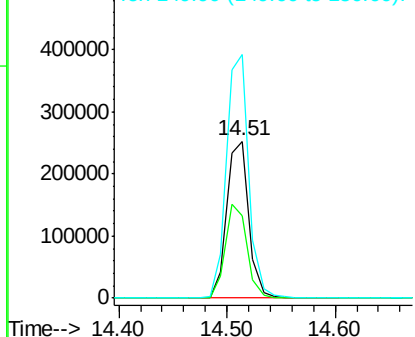


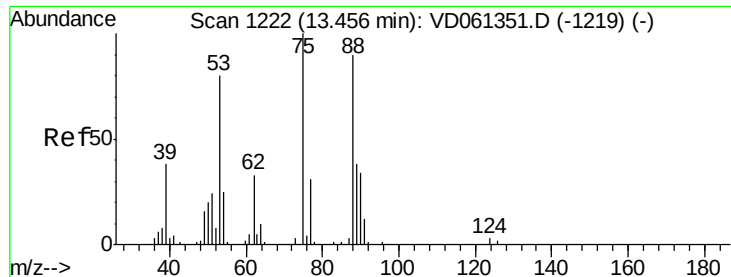
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061490.D
Acq: 2 Apr 2019 3:03

Tgt Ion:152 Resp: 359962
Ion Ratio Lower Upper
152 100
115 52.5 26.9 80.6
150 155.0 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: 94.834 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD061490.D

Acq: 2 Apr 2019 3:03

Instrument :

MSVOA_D

ClientSampleId :

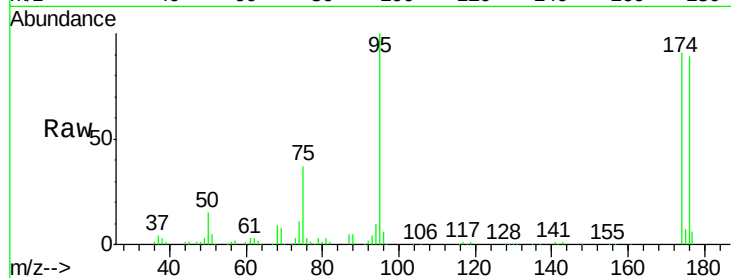
Tot Ion: 75 Resp: 150351

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

