

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061495.D
 Acq On : 2 Apr 2019 5:21
 Operator : VA/AP
 Sample : K2171-01RE
 Misc : 7.44g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 02 06:59:19 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

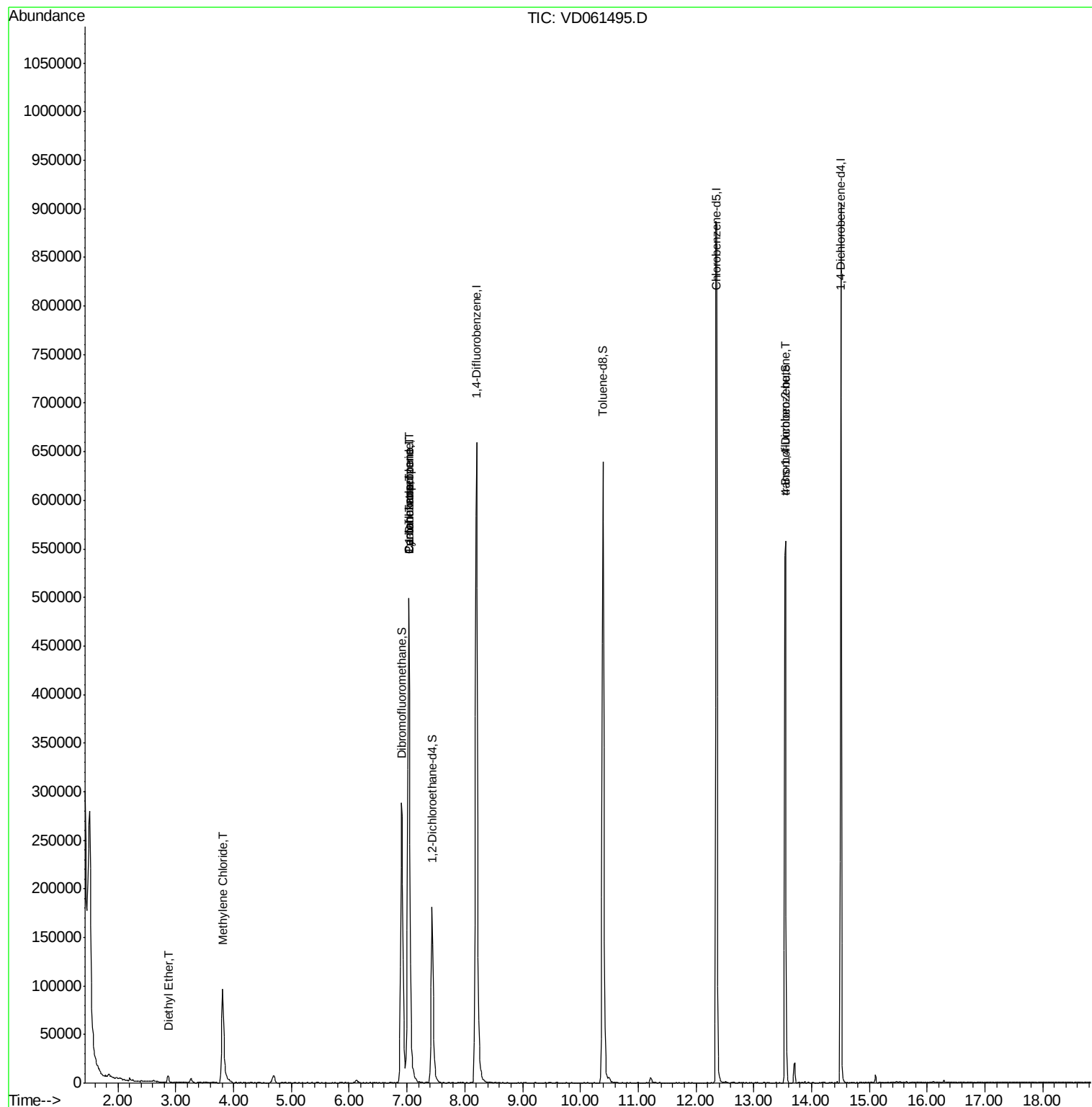
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	516483	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	833425	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	605973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	213403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	176995	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	
35) Dibromofluoromethane	6.90	113	284324	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
50) Toluene-d8	10.39	98	581033	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.08%	
62) 4-Bromofluorobenzene	13.54	95	191516	32.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.38%	
Target Compounds						
8) Diethyl Ether	2.87	74	2519	1.303	ug/l	86
20) Methylene Chloride	3.81	84	77119	10.626	ug/l	95
31) Cyclohexane	7.03	56	8881	1.169	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	36457	5.012	ug/l #	46
38) Carbon Tetrachloride	7.03	117	50385	6.028	ug/l #	13
81) trans-1,4-Dichloro-2-buten	13.54	75	69505	73.949	ug/l #	18

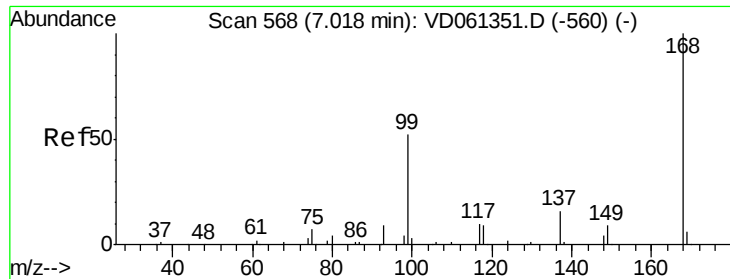
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
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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: VD061495.D

Acq: 2 Apr 2019 5:21

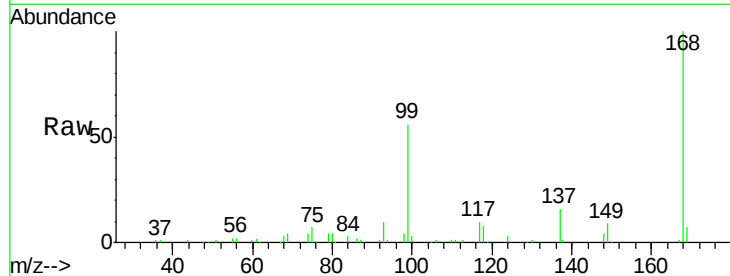
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 516483

Ion Ratio Lower Upper

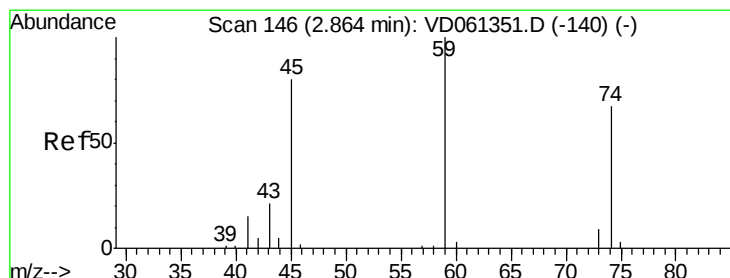
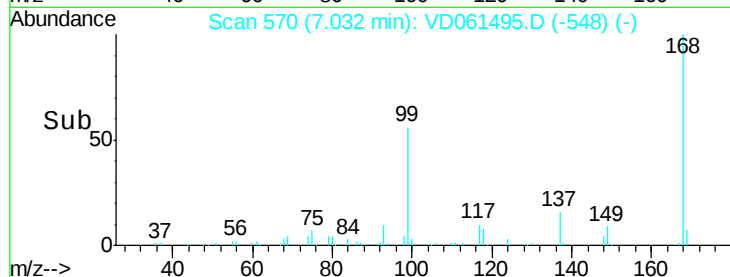
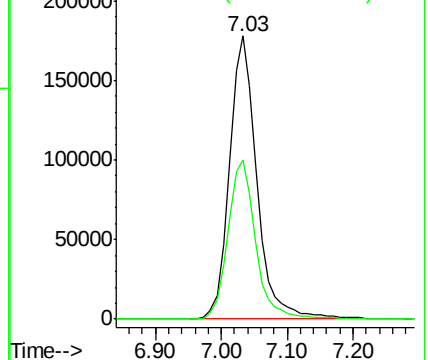
168 100

99 56.3 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.303 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.00 min

Lab File: VD061495.D

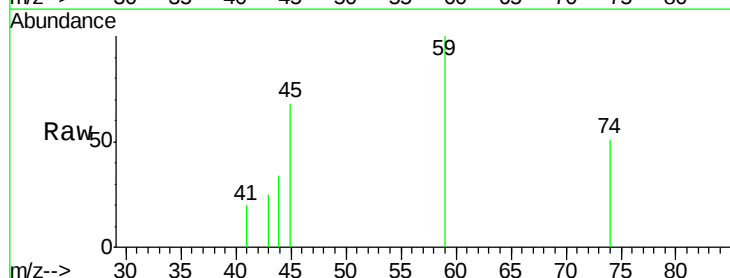
Acq: 2 Apr 2019 5:21

Tgt Ion: 74 Resp: 2519

Ion Ratio Lower Upper

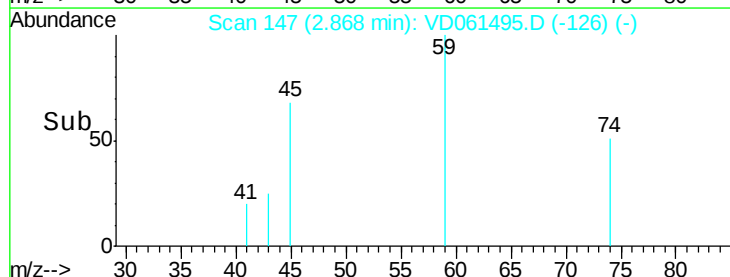
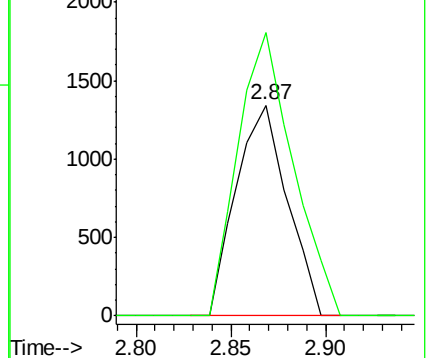
74 100

45 134.4 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#20

Methylene Chloride

Concen: 10.626 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061495.D

Acq: 2 Apr 2019 5:21

Instrument :

MSVOA_D

ClientSampled :

Tot Ion: 84 Resp: 77119

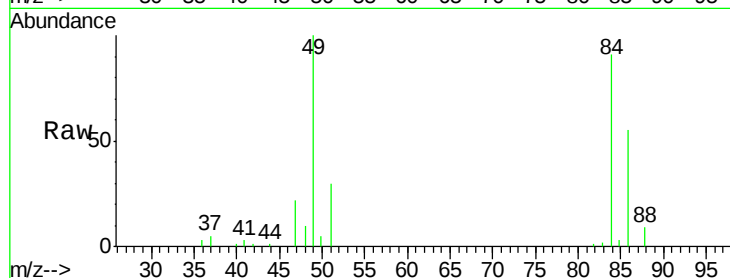
Ion Ratio Lower Upper

84 100

49 110.4 91.8 137.8

51 33.1 29.8 44.8

86 60.8 51.8 77.6

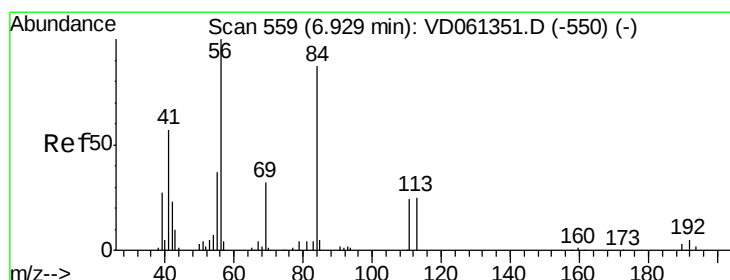
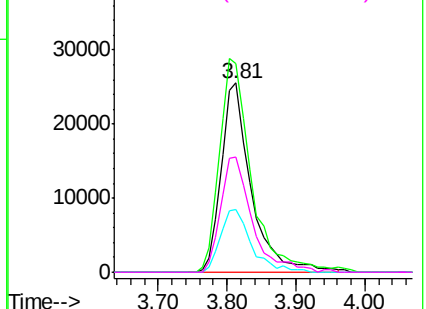
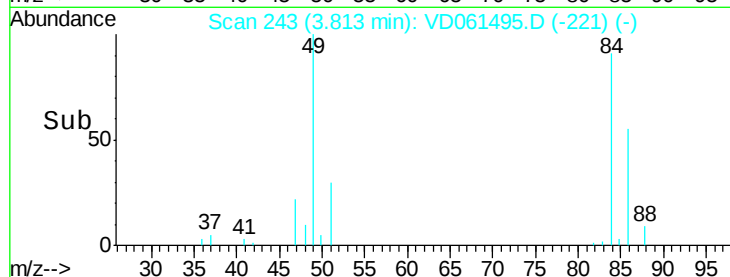


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 1.169 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.10 min

Lab File: VD061495.D

Acq: 2 Apr 2019 5:21

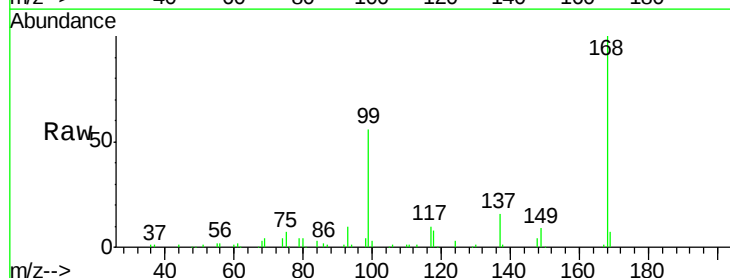
Tgt Ion: 56 Resp: 8881

Ion Ratio Lower Upper

56 100

69 239.3 25.7 38.5#

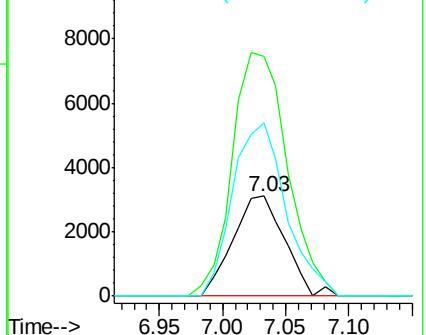
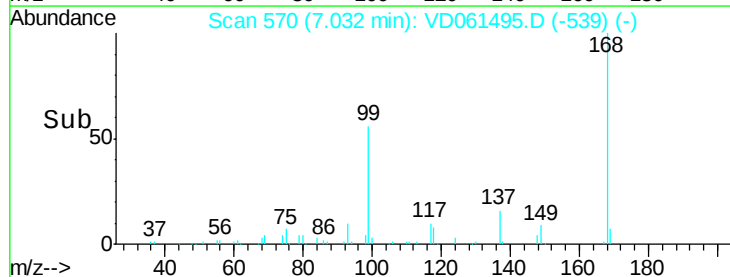
84 172.6 70.6 105.8#



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. 0.00 min

Lab File: VD061495.D

Acq: 2 Apr 2019 5:21

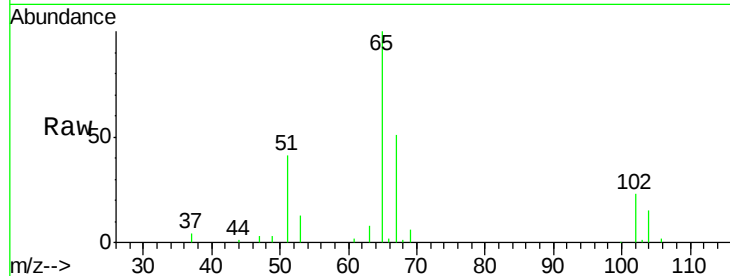
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 176995

Ion Ratio Lower Upper

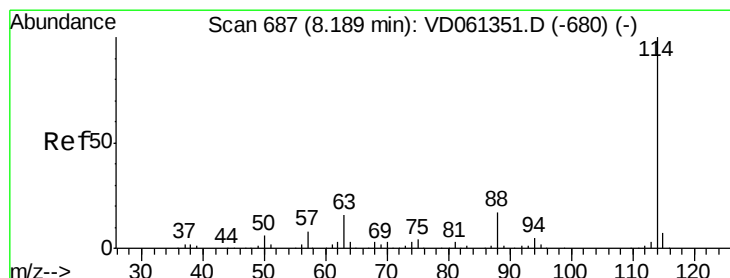
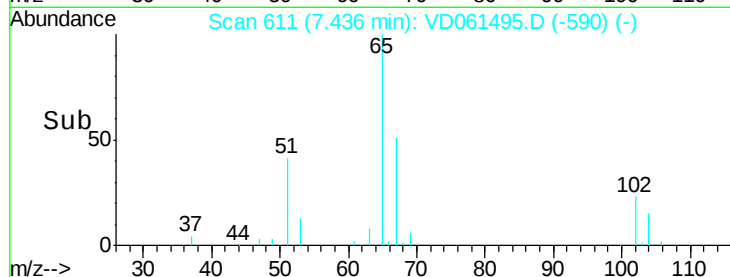
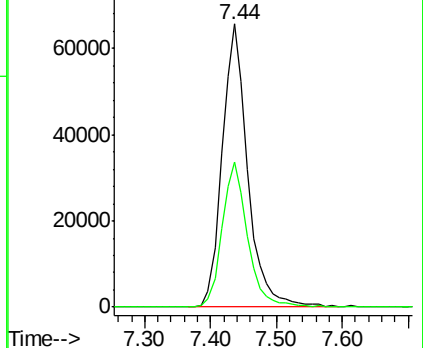
65 100

67 51.3 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: 8.20 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD061495.D

Acq: 2 Apr 2019 5:21

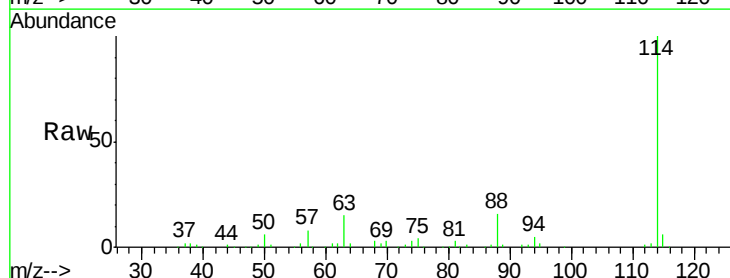
Tgt Ion:114 Resp: 833425

Ion Ratio Lower Upper

114 100

63 15.2 0.0 31.6

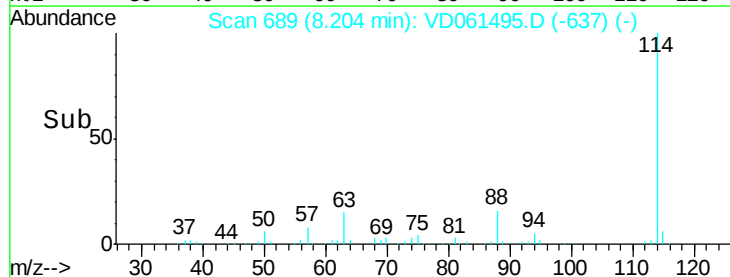
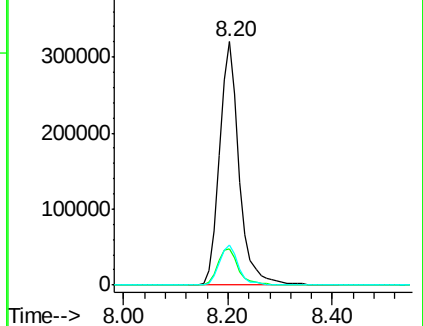
88 16.4 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

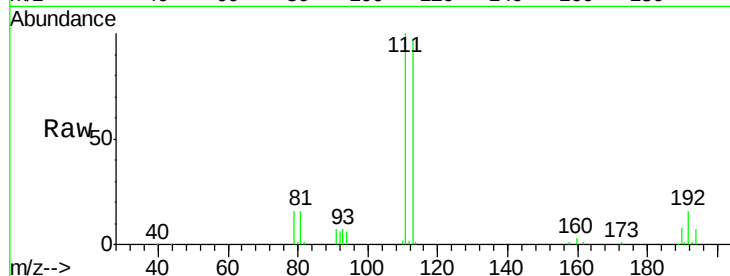




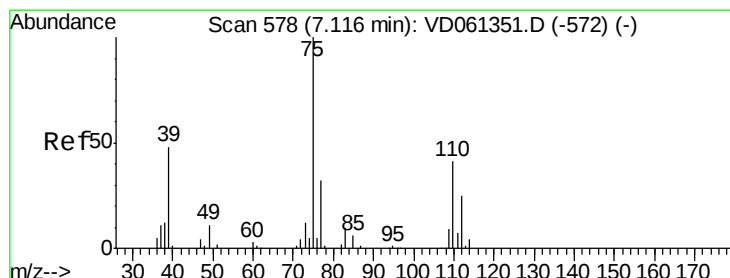
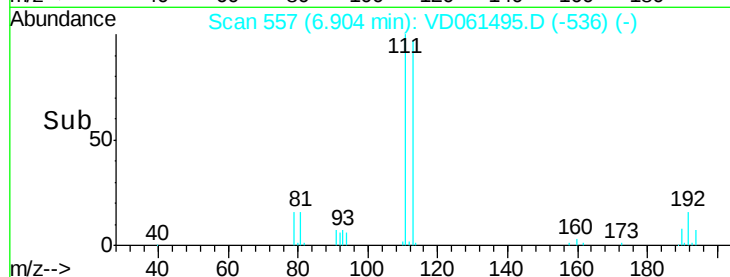
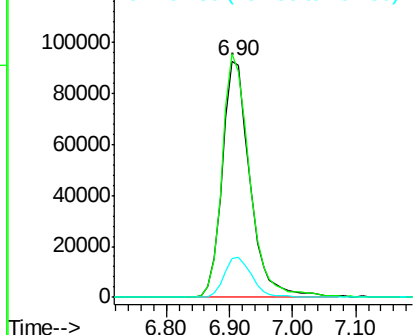
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061495.D
 Acq: 2 Apr 2019 5:21

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 284324
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 16.3 14.4 21.6

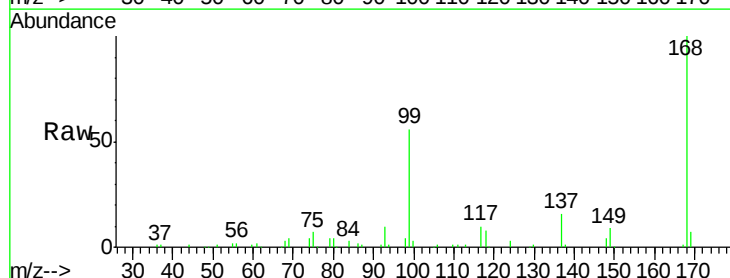


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

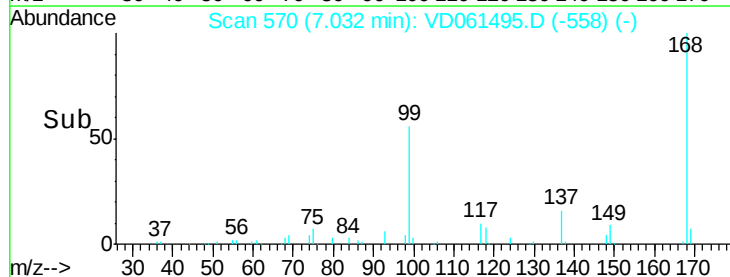
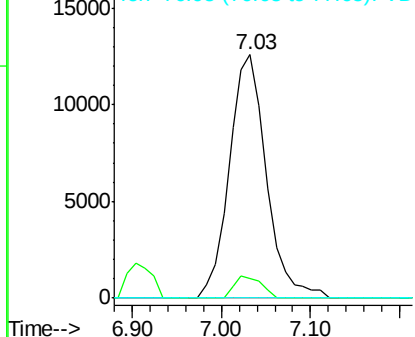


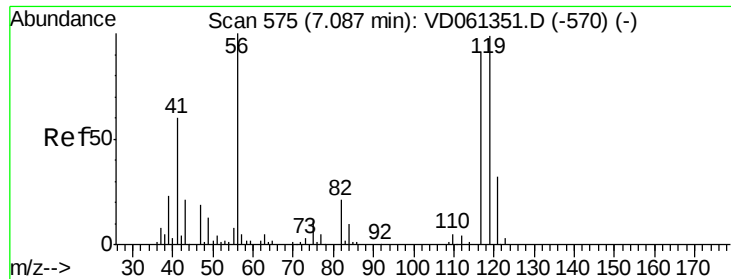
#36
 1,1-Dichloropropene
 Concen: 5.012 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061495.D
 Acq: 2 Apr 2019 5:21

Tgt Ion: 75 Resp: 36457
 Ion Ratio Lower Upper
 75 100
 110 7.9 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

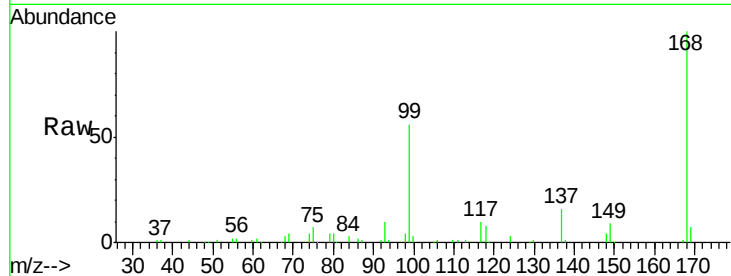




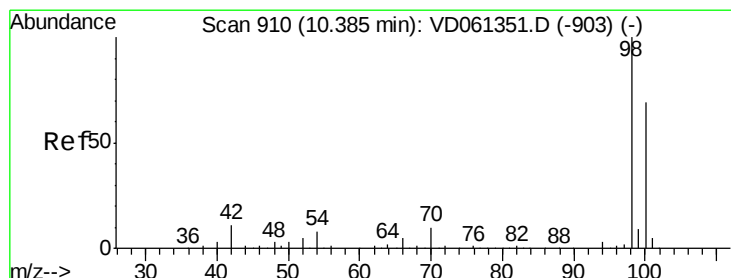
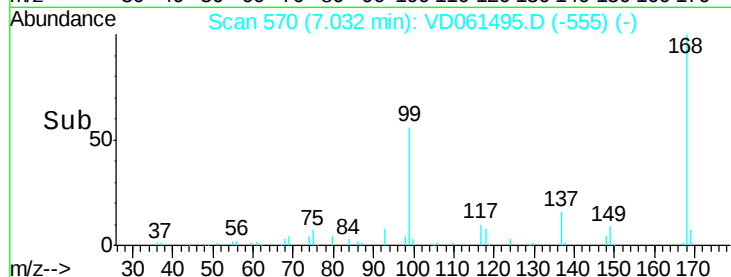
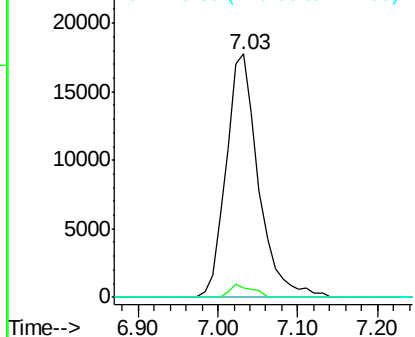
#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD061495.D
Acq: 2 Apr 2019 5:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 50385
Ion Ratio Lower Upper
117 100
119 3.6 80.1 120.1#
121 0.0 25.6 38.4#

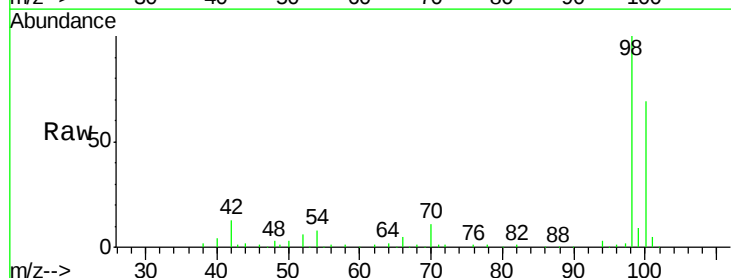


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

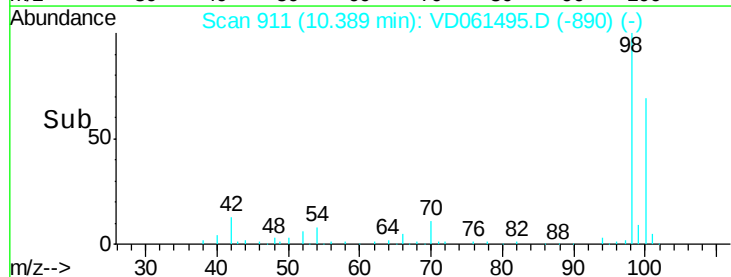
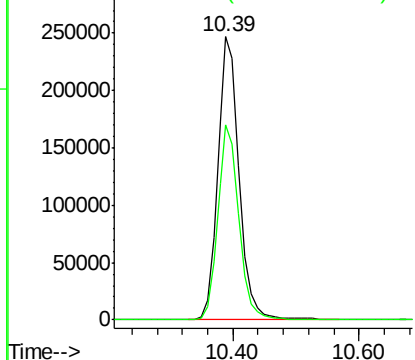


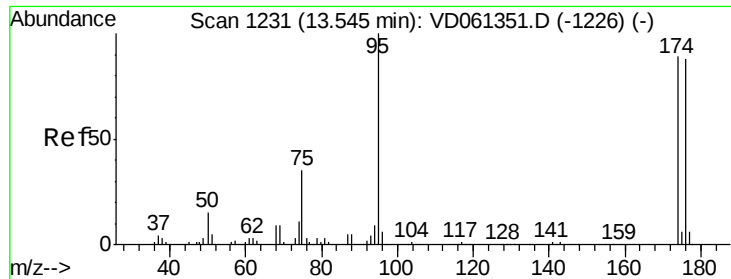
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061495.D
Acq: 2 Apr 2019 5:21

Tgt Ion: 98 Resp: 581033
Ion Ratio Lower Upper
98 100
100 68.9 56.2 84.2



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

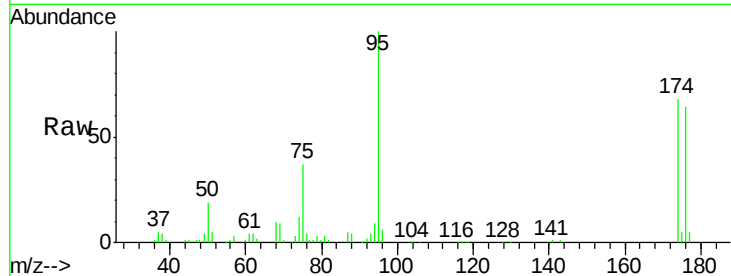




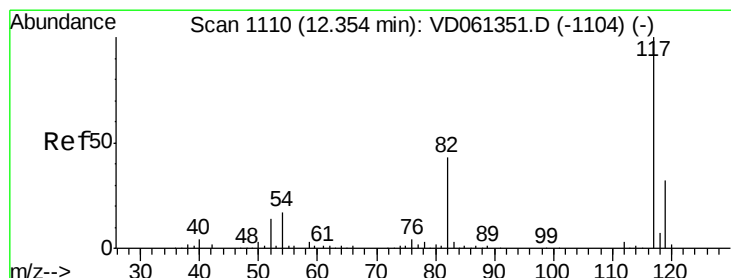
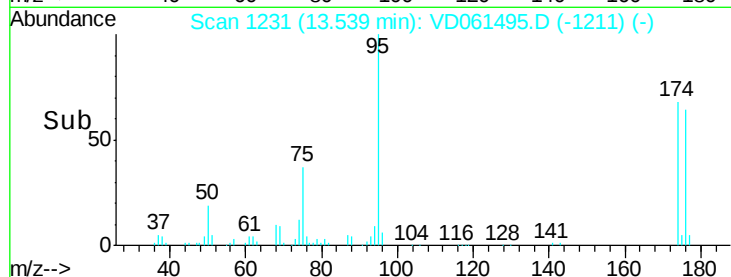
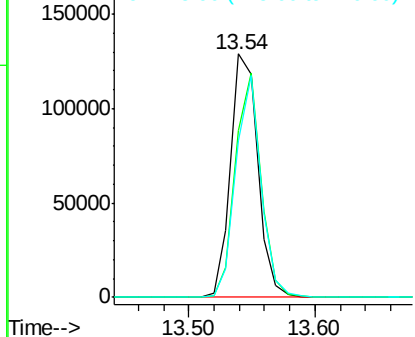
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061495.D
Acq: 2 Apr 2019 5:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 191516
Ion Ratio Lower Upper
95 100
174 68.3 0.0 178.0
176 64.4 0.0 175.0

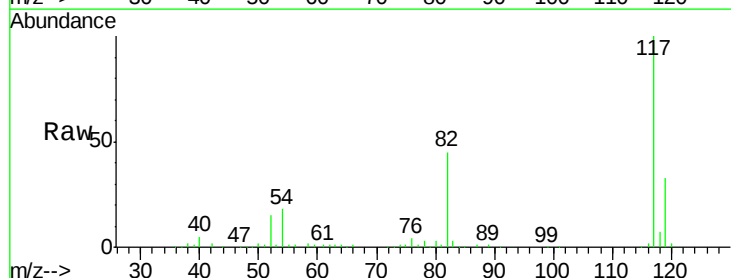


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

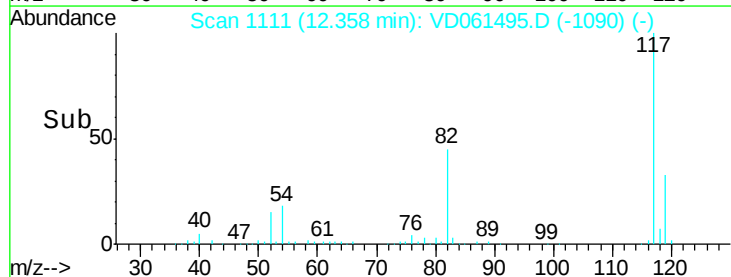
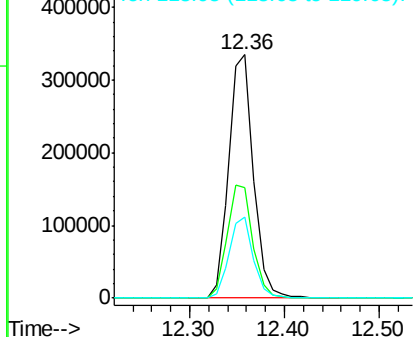


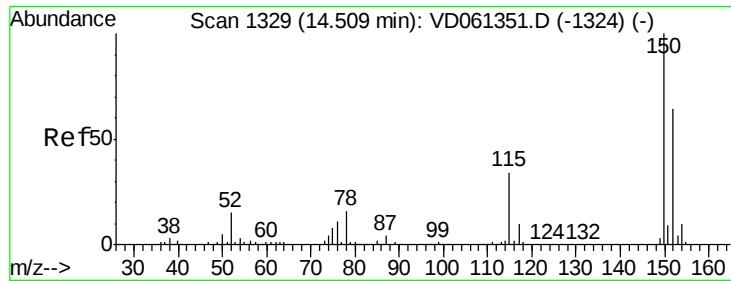
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061495.D
Acq: 2 Apr 2019 5:21

Tgt Ion: 117 Resp: 605973
Ion Ratio Lower Upper
117 100
82 45.5 34.4 51.6
119 33.1 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



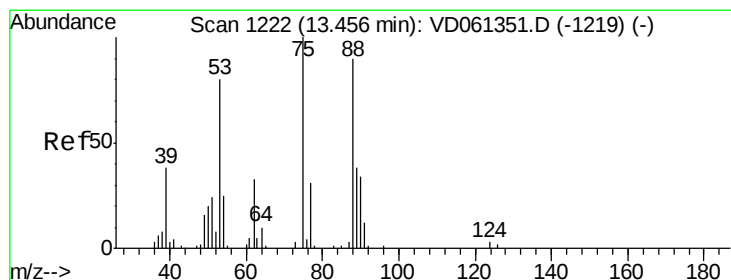
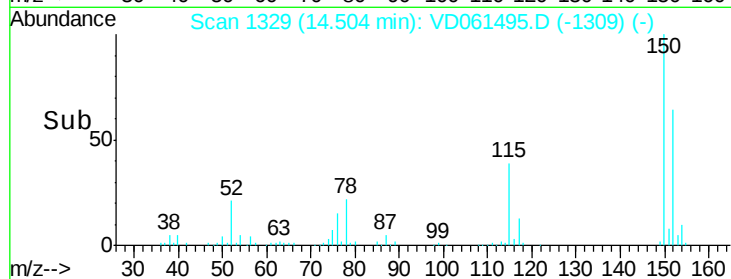
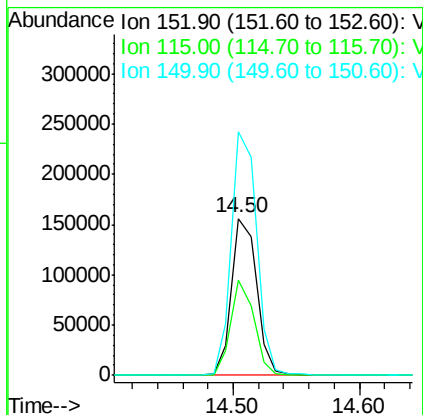
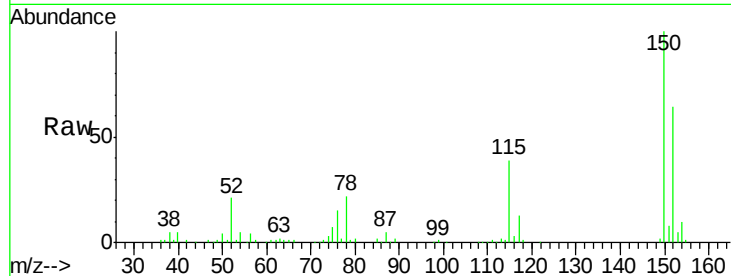


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061495.D
Acq: 2 Apr 2019 5:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 213403
Ion Ratio Lower Upper
152 100
115 60.6 26.9 80.6
150 155.5 0.0 318.0



#81

trans-1,4-Dichloro-2-butene
Concen: 73.949 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD061495.D
Acq: 2 Apr 2019 5:21

Tgt Ion: 75 Resp: 69505
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.8#
89 0.0 30.5 45.7#

