

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061379.D
 Acq On : 28 Mar 2019 5:29
 Operator : VA/AP
 Sample : K2090-01
 Misc : 6.37g/5ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-5(0-10)

Quant Time: Mar 28 07:48:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

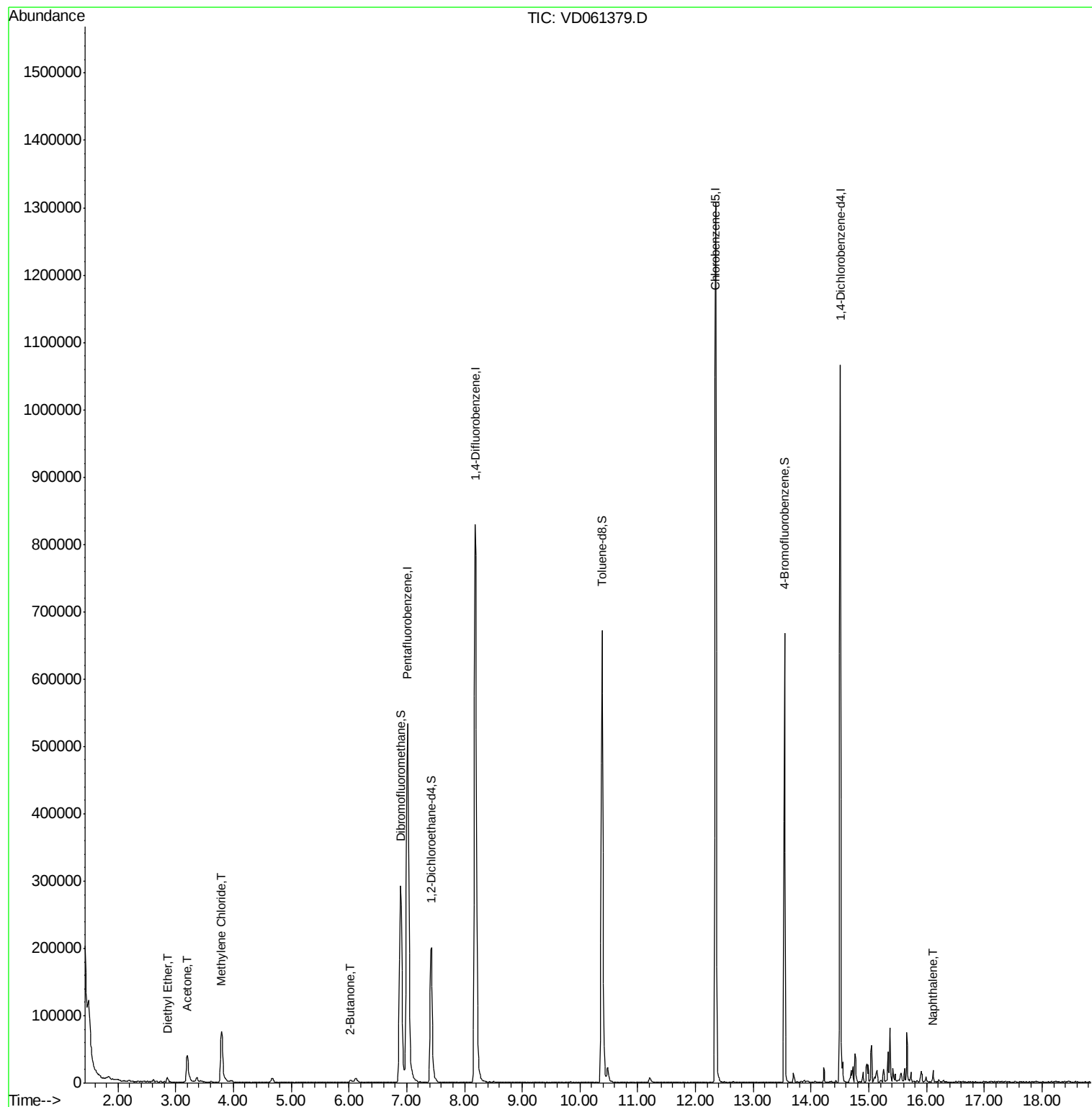
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	577282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.18	114	1031232	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	803940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	240864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	199314	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
35) Dibromofluoromethane	6.89	113	300094	38.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.16%	
50) Toluene-d8	10.38	98	598875	31.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.36%	
62) 4-Bromofluorobenzene	13.54	95	204284	28.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.36%	
Target Compounds						
8) Diethyl Ether	2.86	74	2784	1.288	ug/l	99
16) Acetone	3.20	43	76739	60.534	ug/l	97
20) Methylene Chloride	3.79	84	57658	6.447	ug/l	92
25) 2-Butanone	6.03	43	8451	5.300	ug/l	94
95) Naphthalene	16.11	128	9837	2.052	ug/l	98

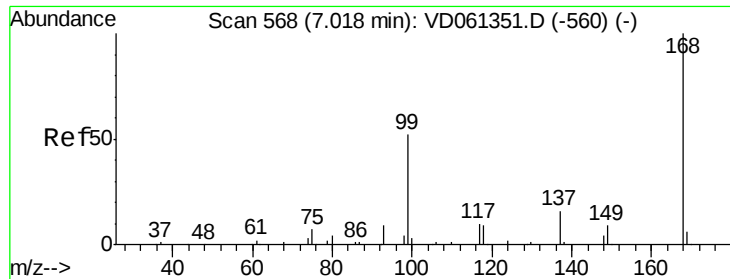
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
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Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD061379.D

Acq: 28 Mar 2019 5:29

Instrument :

MSVOA_D

ClientSampleId :

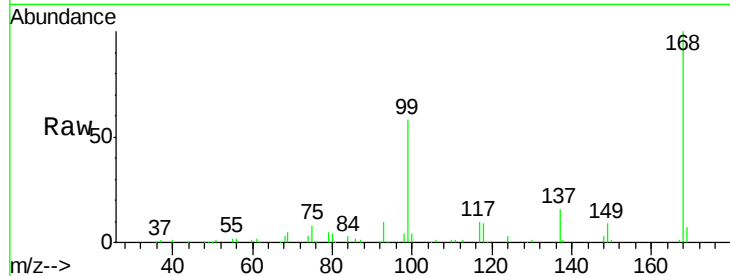
P-5(0-10)

Tgt Ion: 168 Resp: 577282

Ion Ratio Lower Upper

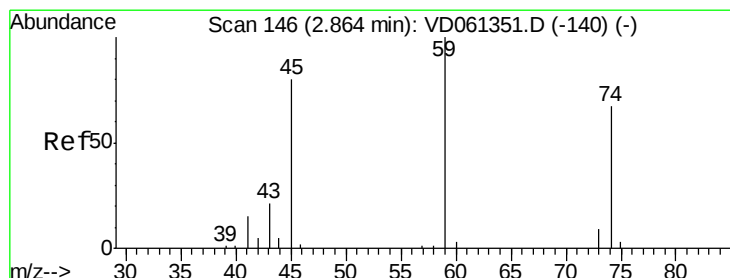
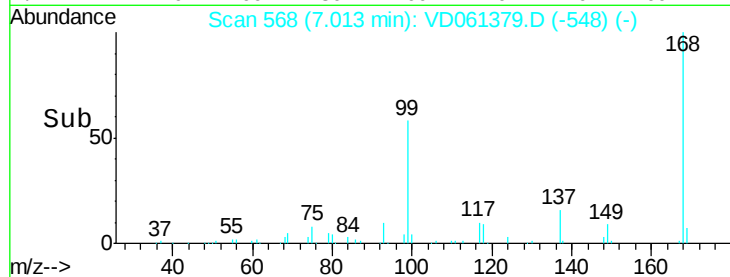
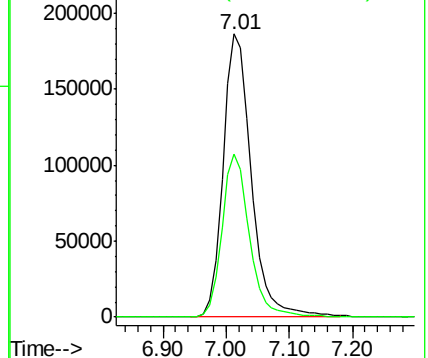
168 100

99 57.7 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: 1.288 ug/l

RT: 2.86 min Scan# 146

Delta R.T. -0.01 min

Lab File: VD061379.D

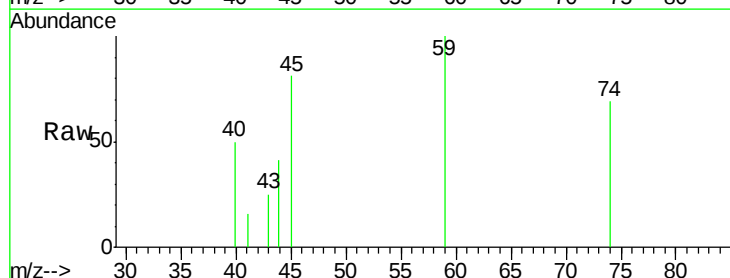
Acq: 28 Mar 2019 5:29

Tgt Ion: 74 Resp: 2784

Ion Ratio Lower Upper

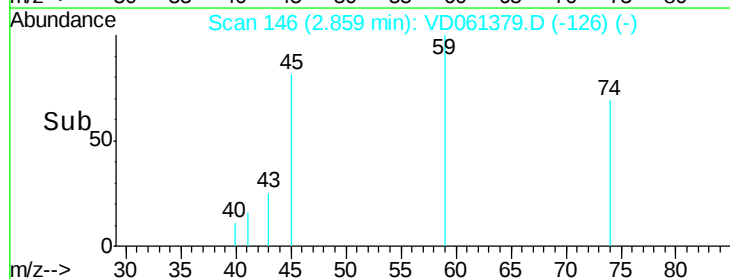
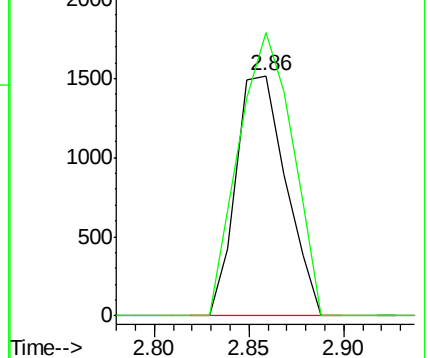
74 100

45 117.9 59.7 179.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 60.534 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.00 min

Lab File: VD061379.D

Acq: 28 Mar 2019 5:29

Instrument :

MSVOA_D

ClientSampleId :

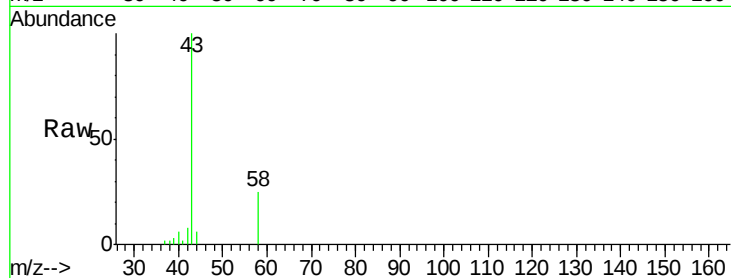
P-5(0-10)

Tgt Ion: 43 Resp: 76739

Ion Ratio Lower Upper

43 100

58 25.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

25000

20000

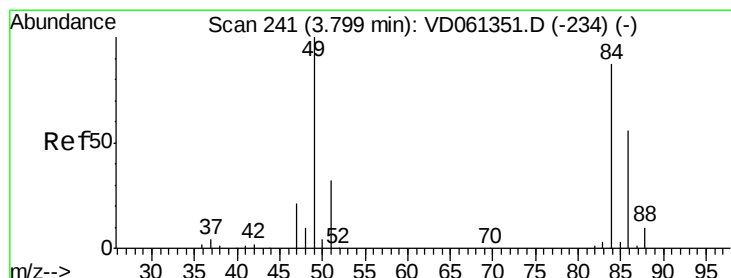
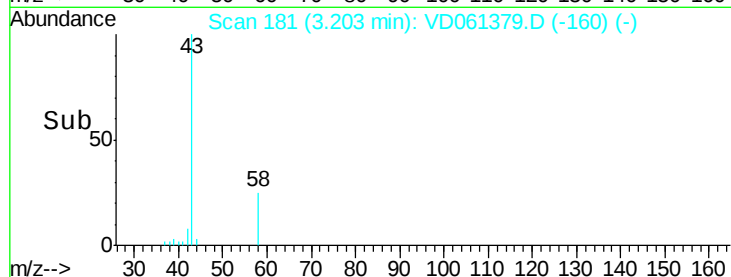
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 6.447 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD061379.D

Acq: 28 Mar 2019 5:29

Tgt Ion: 84 Resp: 57658

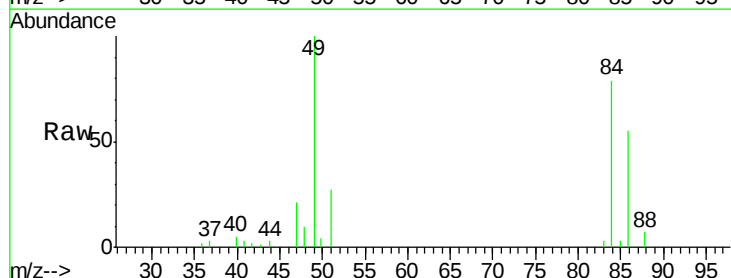
Ion Ratio Lower Upper

84 100

49 126.5 91.8 137.8

51 34.0 29.8 44.8

86 69.1 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

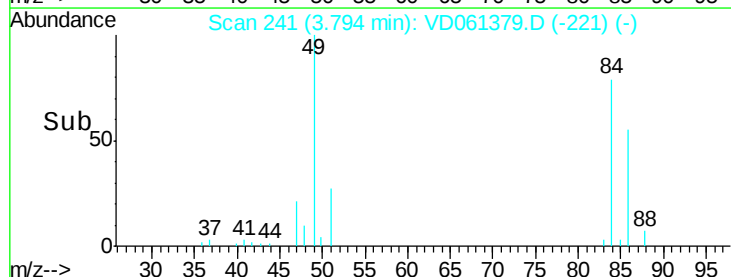
3.79

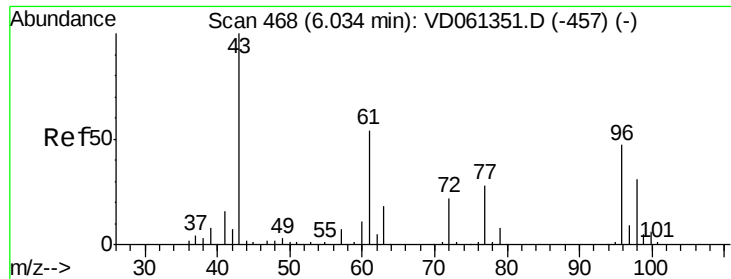
20000

10000

0

Time-->

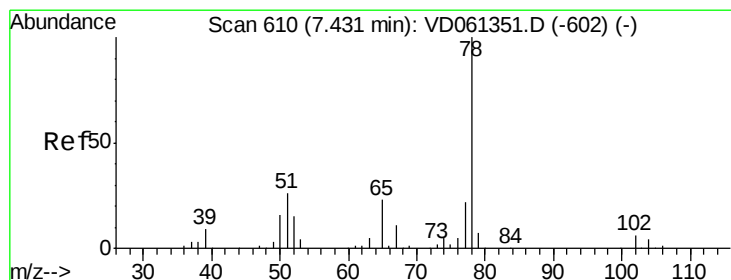
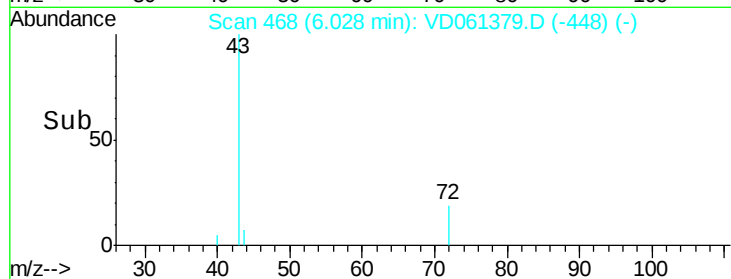
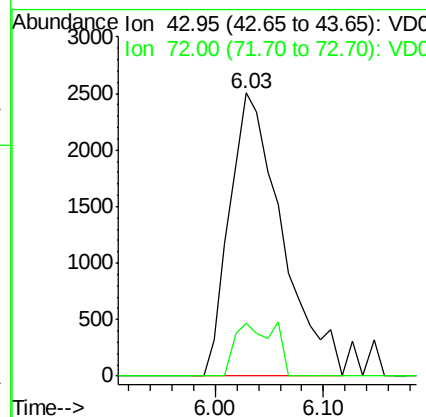
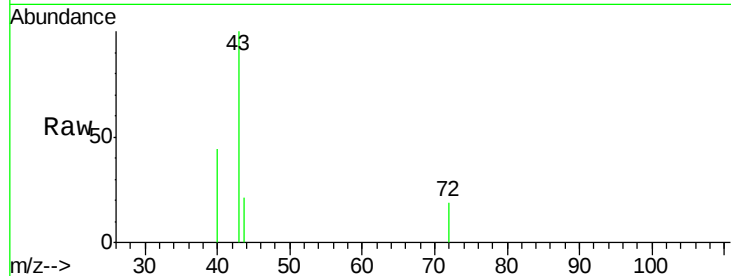




#25
2-Butanone
Concen: 5.300 ug/l
RT: 6.03 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD061379.D
Acq: 28 Mar 2019 5:29

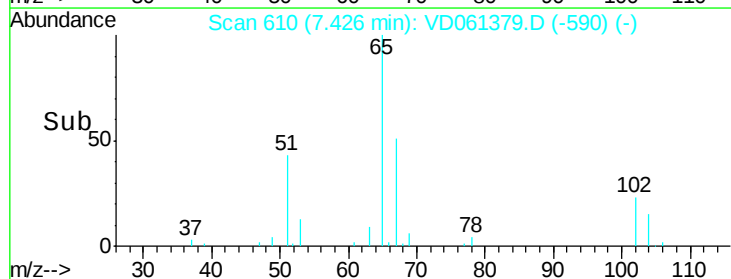
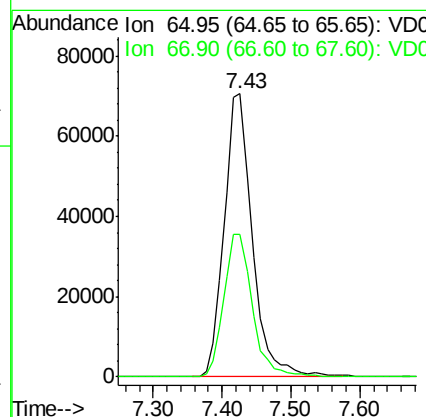
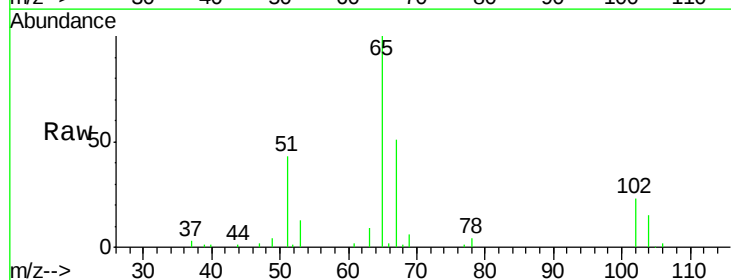
Instrument :
MSVOA_D
ClientSampled :
P-5(0-10)

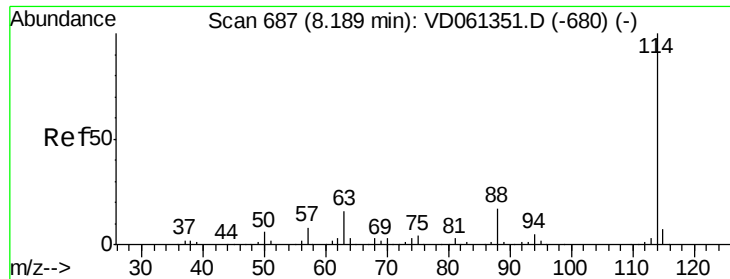
Tgt Ion: 43 Resp: 8451
Ion Ratio Lower Upper
43 100
72 18.6 17.2 25.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.01 min
Lab File: VD061379.D
Acq: 28 Mar 2019 5:29

Tgt Ion: 65 Resp: 199314
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.8

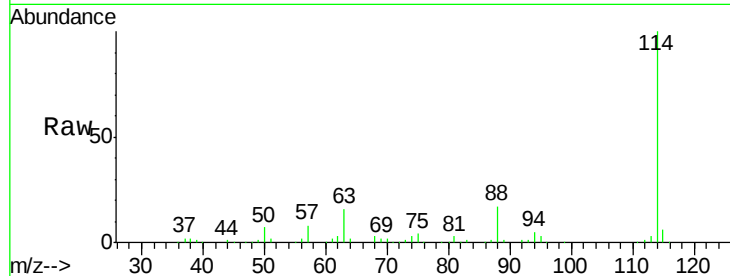




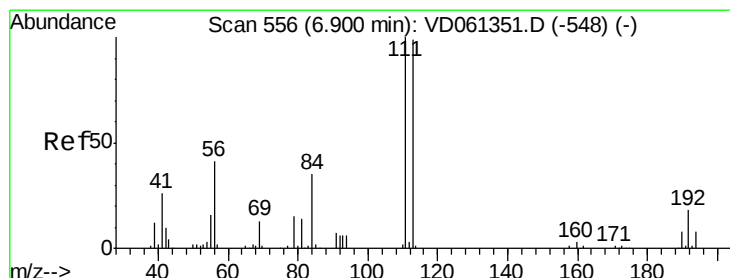
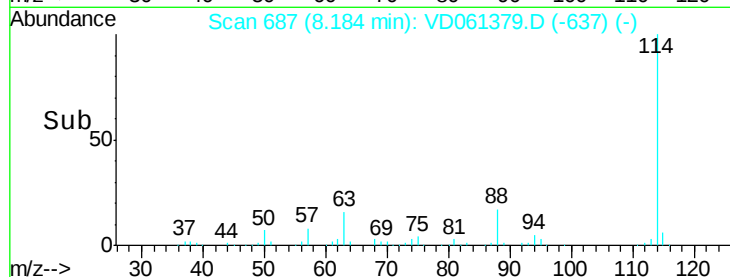
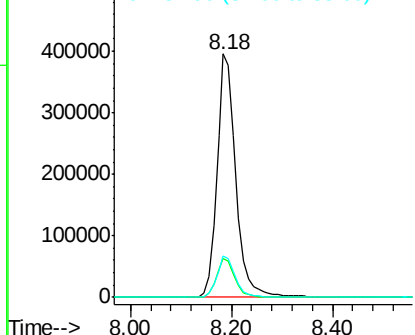
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.18 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: VD061379.D
 Acq: 28 Mar 2019 5:29

Instrument :
 MSVOA_D
 ClientSampleId :
 P-5(0-10)

Tgt Ion:114 Resp: 1031232
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 17.1 0.0 33.4

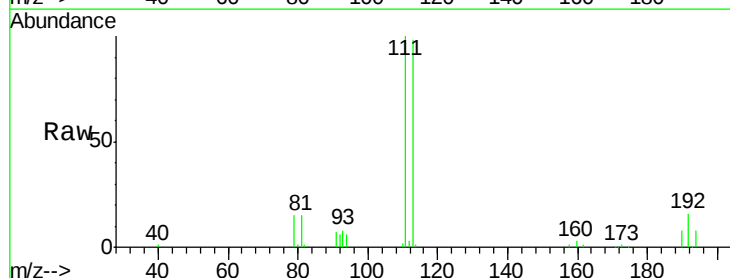


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

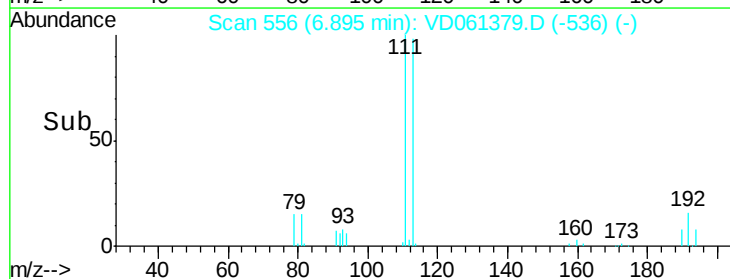
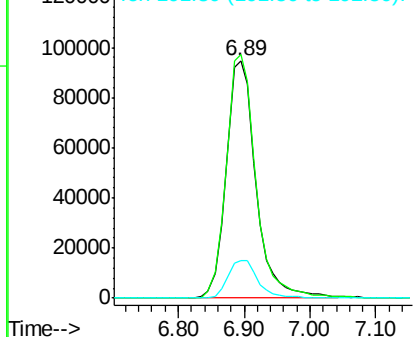


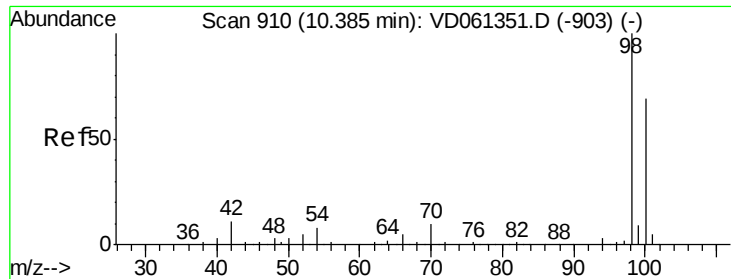
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VD061379.D
 Acq: 28 Mar 2019 5:29

Tgt Ion:113 Resp: 300094
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.0 121.6
 192 16.0 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

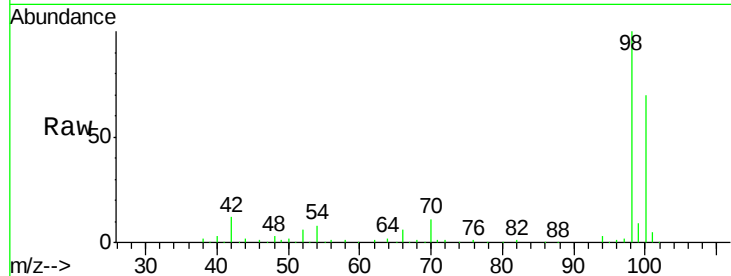




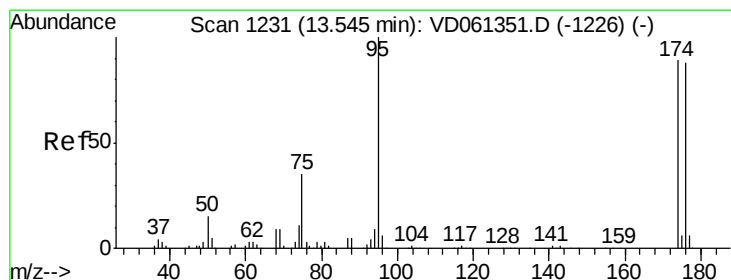
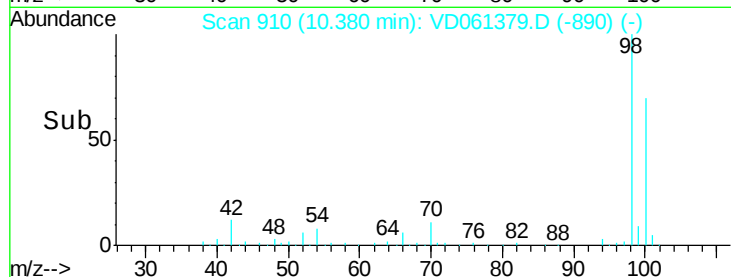
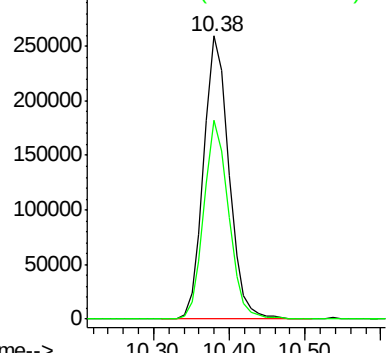
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.01 min
Lab File: VD061379.D
Acq: 28 Mar 2019 5:29

Instrument :
MSVOA_D
ClientSampleId :
P-5(0-10)

Tgt Ion: 98 Resp: 598875
Ion Ratio Lower Upper
98 100
100 70.1 56.2 84.2

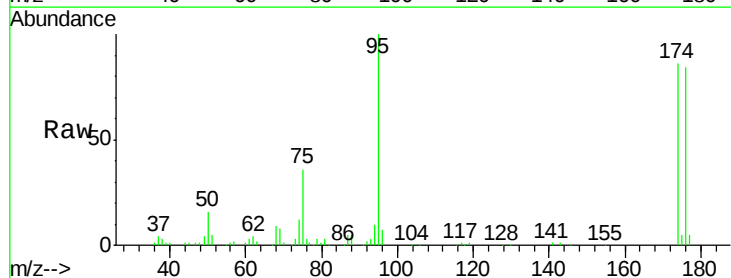


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

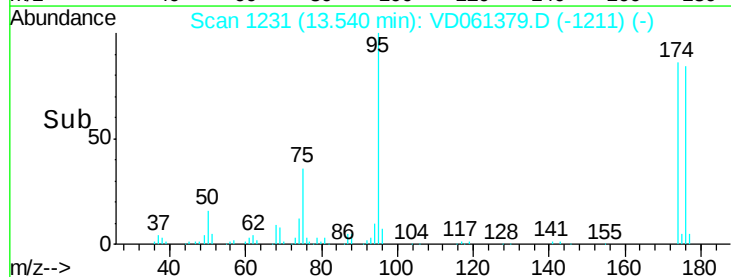
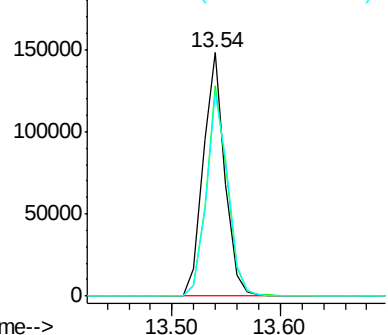


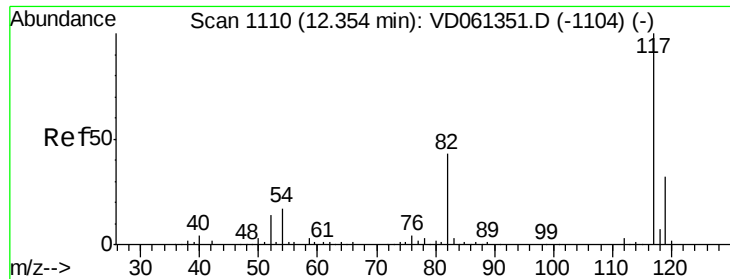
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061379.D
Acq: 28 Mar 2019 5:29

Tgt Ion: 95 Resp: 204284
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.0
176 83.7 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: 12.35 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD061379.D

Acq: 28 Mar 2019 5:29

Instrument :

MSVOA_D

ClientSampleId :

P-5(0-10)

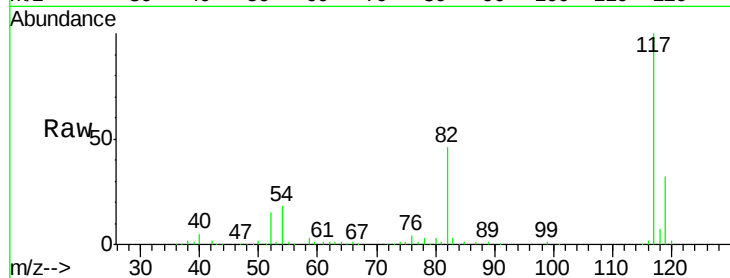
Tgt Ion:117 Resp: 803940

Ion Ratio Lower Upper

117 100

82 45.8 34.4 51.6

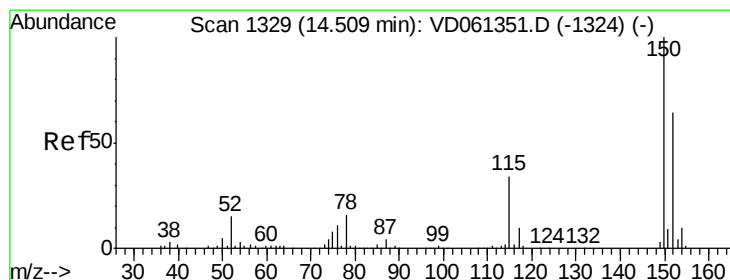
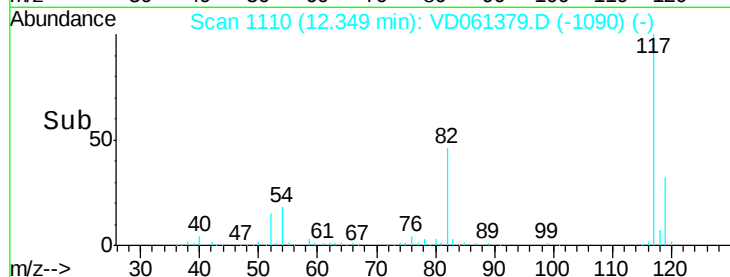
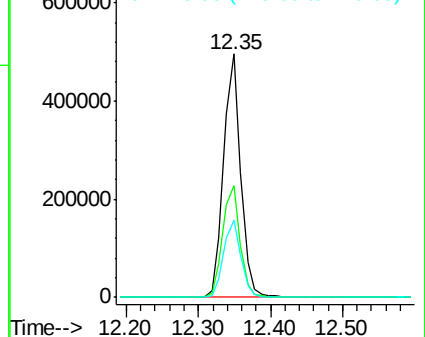
119 31.8 25.8 38.6



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: VD061379.D

Acq: 28 Mar 2019 5:29

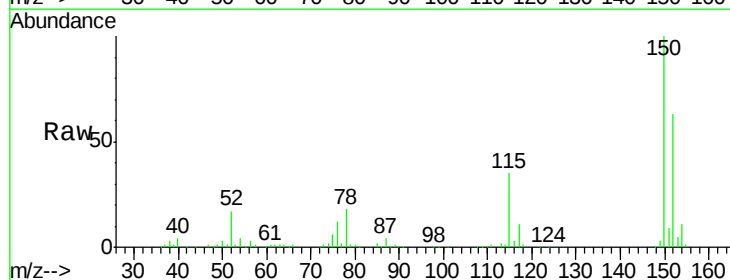
Tgt Ion:152 Resp: 240864

Ion Ratio Lower Upper

152 100

115 56.3 26.9 80.6

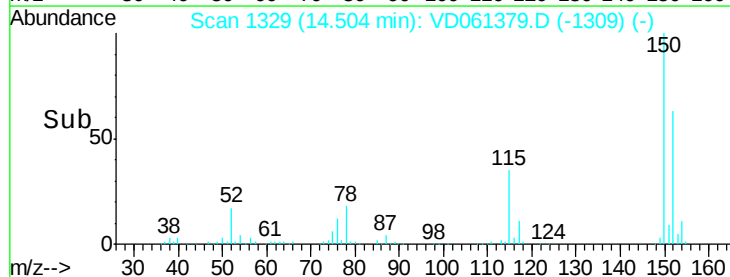
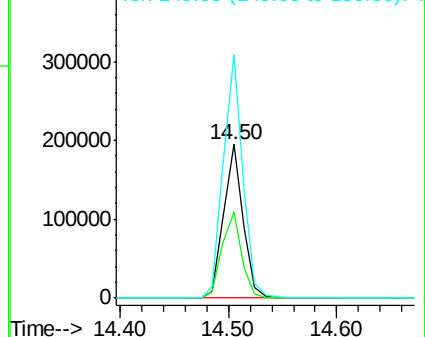
150 158.6 0.0 318.0

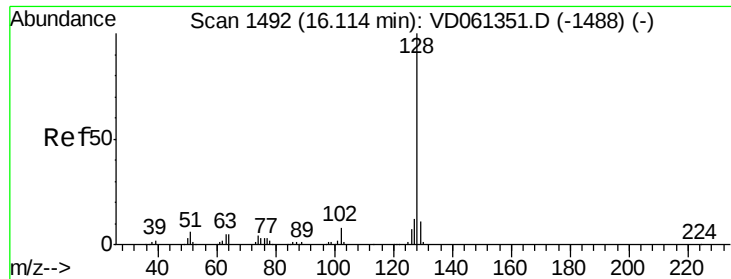


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 2.052 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD061379.D
Acq: 28 Mar 2019 5:29

Instrument :
MSVOA_D
ClientSampleId :
P-5(0-10)

Tgt Ion:	128	Resp:	9837
Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.9	14.9
129	11.7	8.9	13.3

