

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061820.D
 Acq On : 16 Apr 2019 19:50
 Operator : VA/AP
 Sample : K2377-02
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13-S2

Quant Time: Apr 17 01:17:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

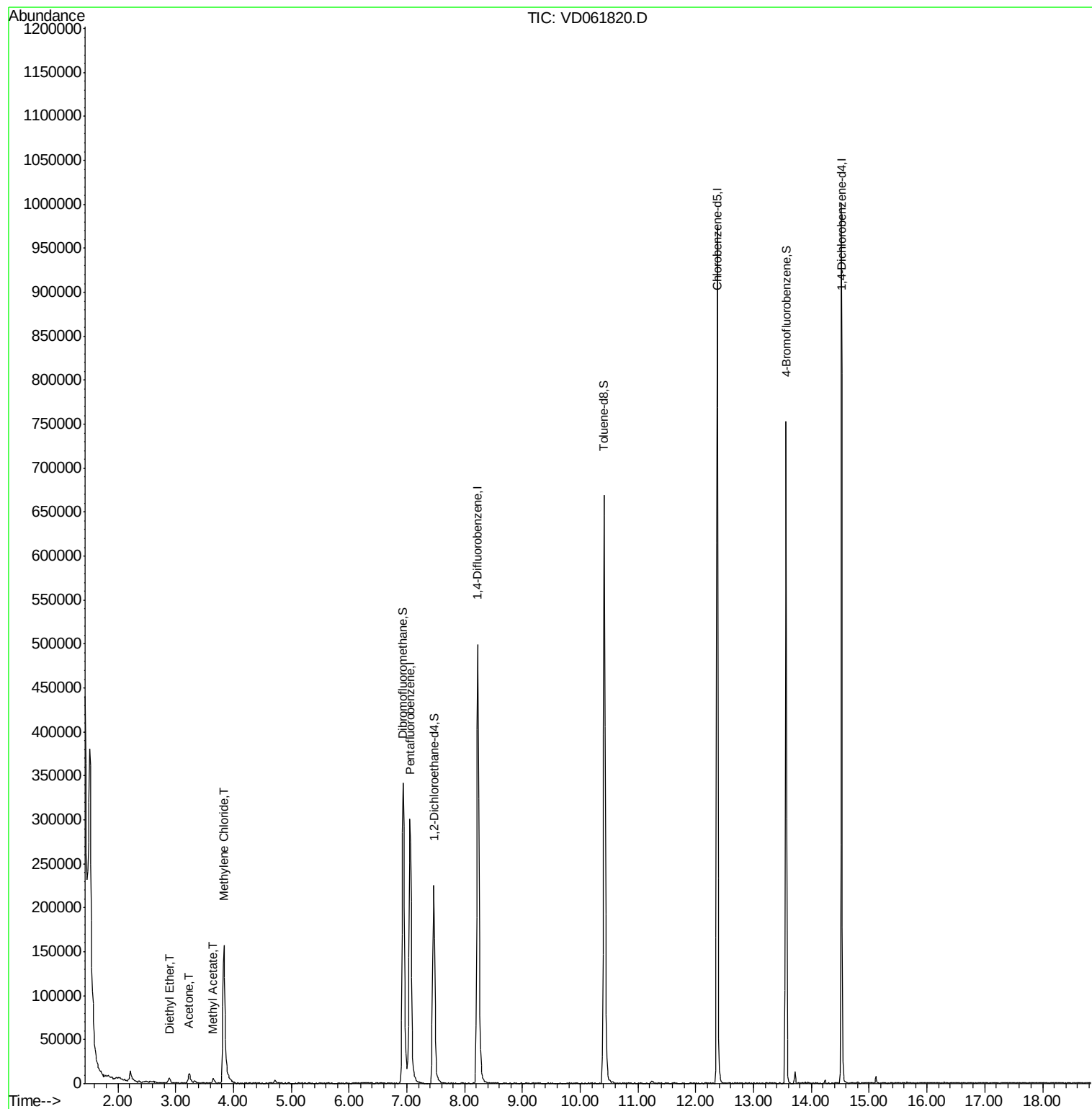
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	324670	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.23	114	668942	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	636568	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	245368	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	222181	81.65	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	163.30%	
35) Dibromofluoromethane	6.94	113	324769	64.26	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	128.52%	
50) Toluene-d8	10.41	98	604794	50.51	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	13.56	95	234905	48.40	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.80%	
Target Compounds						
8) Diethyl Ether	2.89	74	2513	2.359	ug/l	75
16) Acetone	3.23	43	24370	36.339	ug/l	94
18) Methyl Acetate	3.65	43	9001	6.696	ug/l #	82
20) Methylene Chloride	3.83	84	118650	34.138	ug/l	99

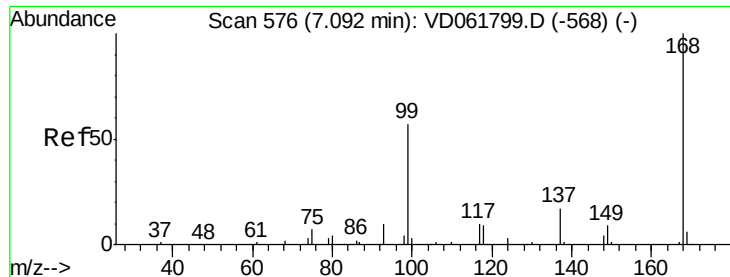
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
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Acq On : 16 Apr 2019 19:50
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061820.D

Acq: 16 Apr 2019 19:50

Instrument :

MSVOA_D

ClientSampleId :

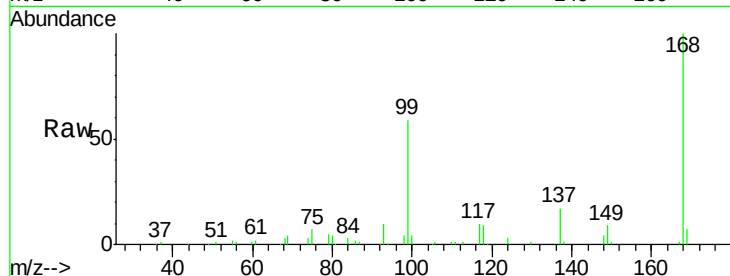
TP-13-S2

Tot Ion:168 Resp: 324670

Ion Ratio Lower Upper

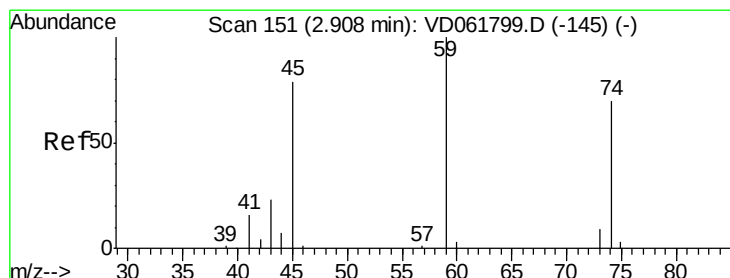
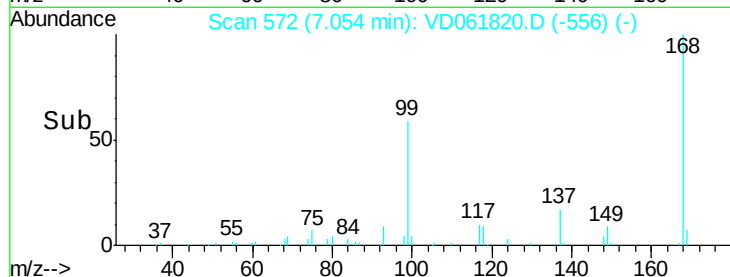
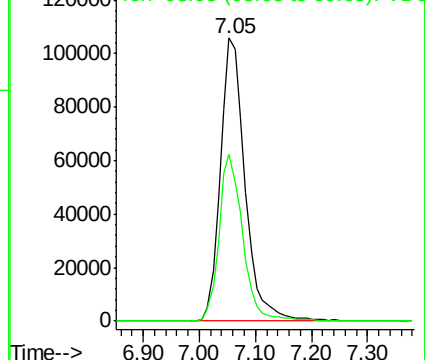
168 100

99 59.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.359 ug/l

RT: 2.89 min Scan# 149

Delta R.T. -0.02 min

Lab File: VD061820.D

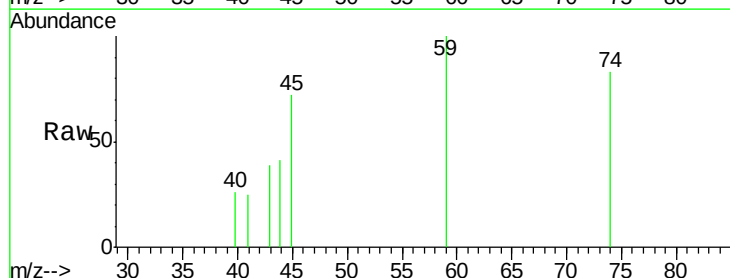
Acq: 16 Apr 2019 19:50

Tgt Ion: 74 Resp: 2513

Ion Ratio Lower Upper

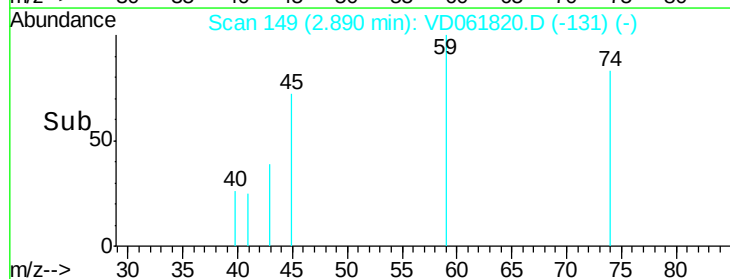
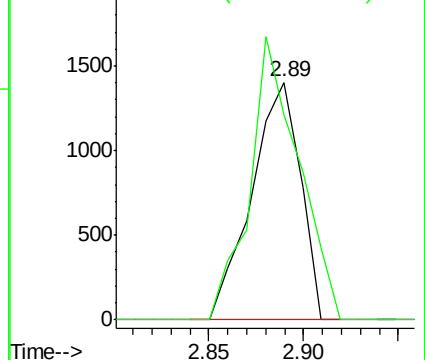
74 100

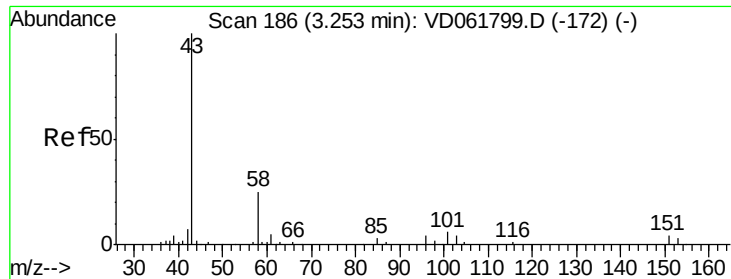
45 86.5 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 36.339 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.02 min

Lab File: VD061820.D

Acq: 16 Apr 2019 19:50

Instrument :

MSVOA_D

ClientSampleId :

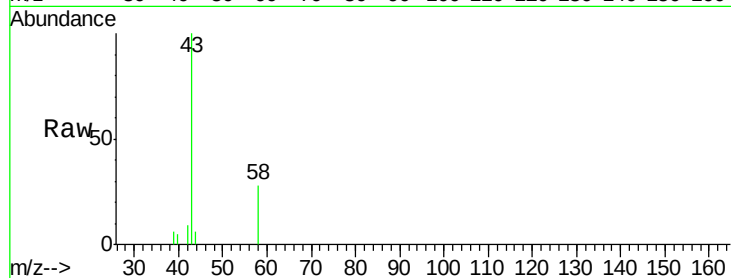
TP-13-S2

Tot Ion: 43 Resp: 24370

Ion Ratio Lower Upper

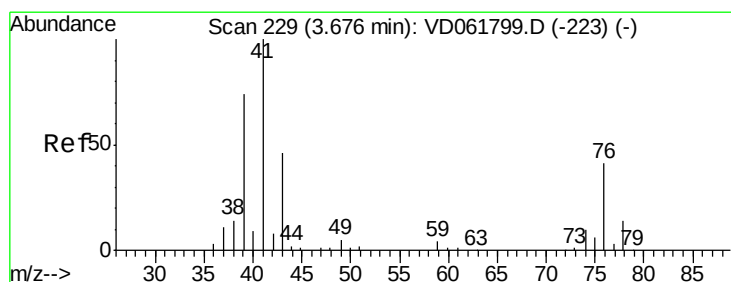
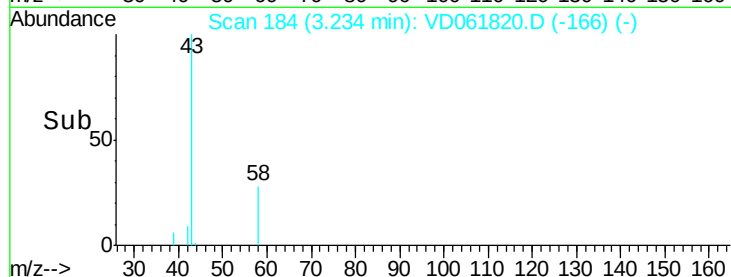
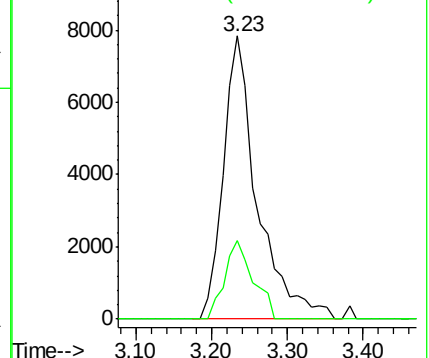
43 100

58 27.7 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 6.696 ug/l

RT: 3.65 min Scan# 226

Delta R.T. -0.03 min

Lab File: VD061820.D

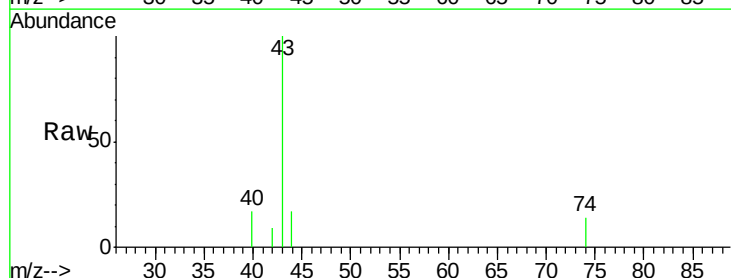
Acq: 16 Apr 2019 19:50

Tgt Ion: 43 Resp: 9001

Ion Ratio Lower Upper

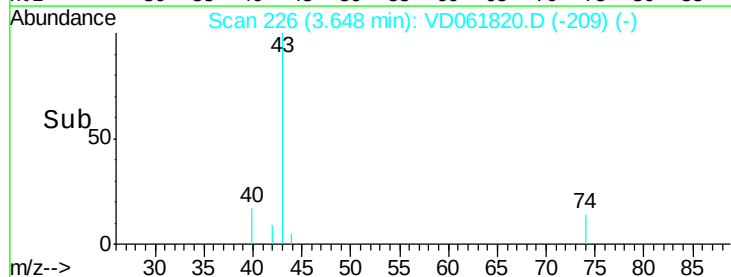
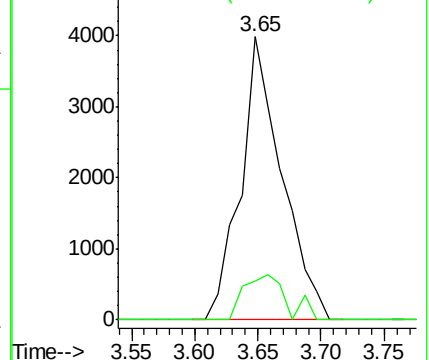
43 100

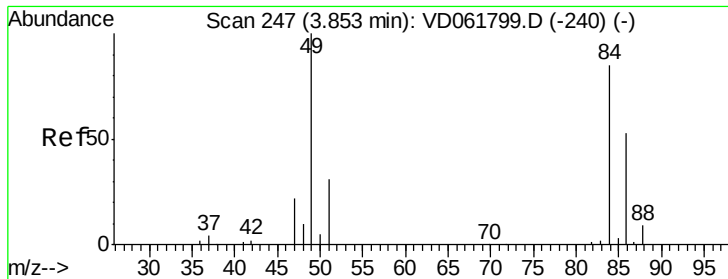
74 13.9 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

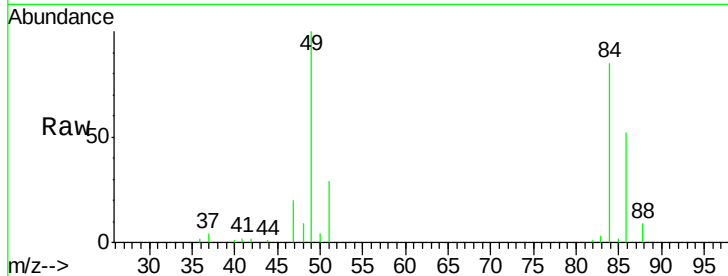




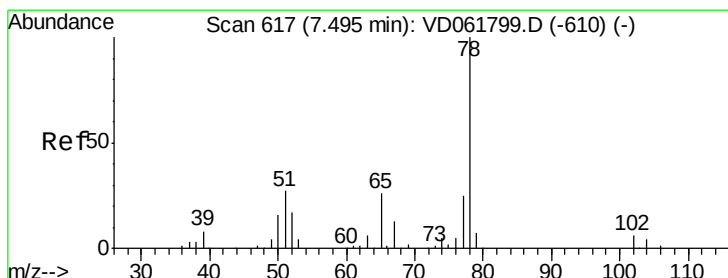
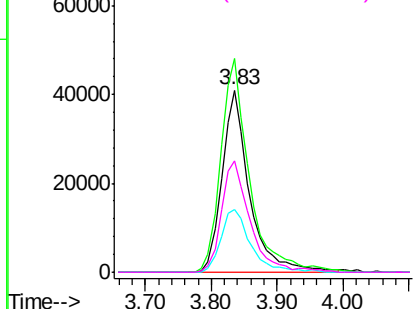
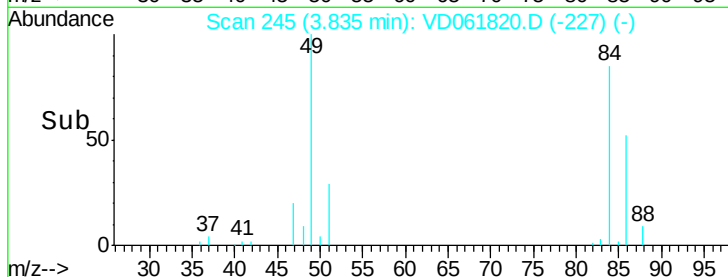
#20
Methylene Chloride
Concen: 34.138 ug/l
RT: 3.83 min Scan# 245
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :
TP-13-S2

Tot Ion: 84 Resp: 118650
Ion Ratio Lower Upper
84 100
49 117.4 94.0 141.0
51 34.6 29.0 43.4
86 61.2 49.8 74.6

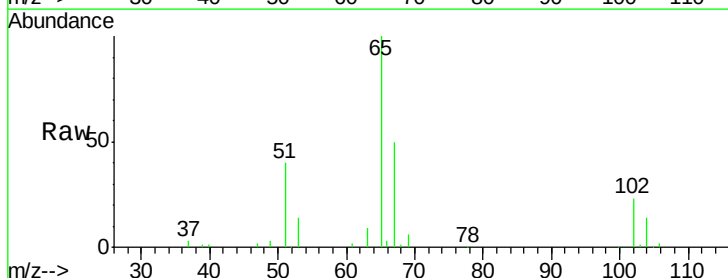


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

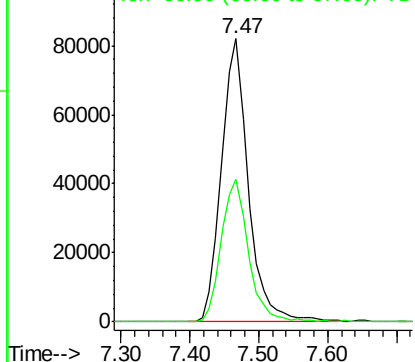
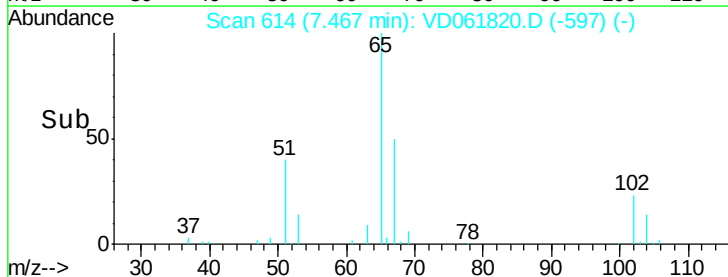


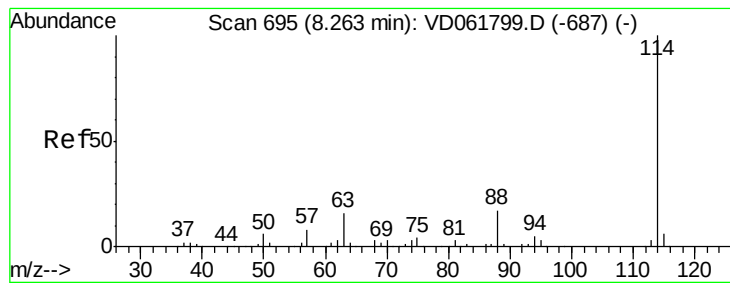
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. -0.03 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion: 65 Resp: 222181
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.0



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: 8.23 min Scan# 691

Delta R.T. -0.04 min

Lab File: VD061820.D

Acq: 16 Apr 2019 19:50

Instrument :

MSVOA_D

ClientSampleId :

TP-13-S2

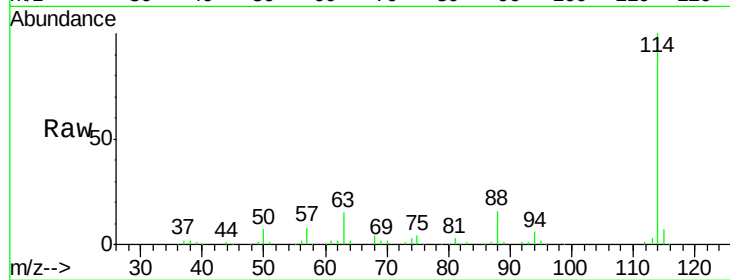
Tot Ion:114 Resp: 668942

Ion Ratio Lower Upper

114 100

63 15.4 0.0 32.4

88 16.4 0.0 33.6



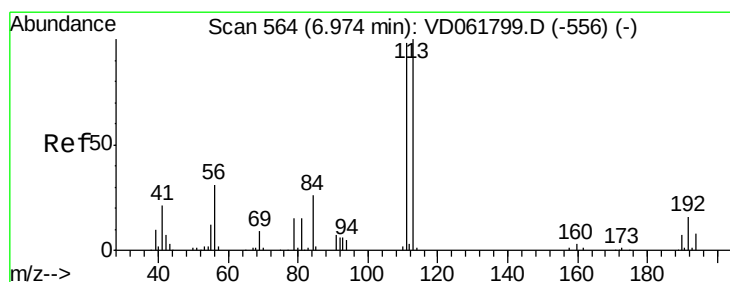
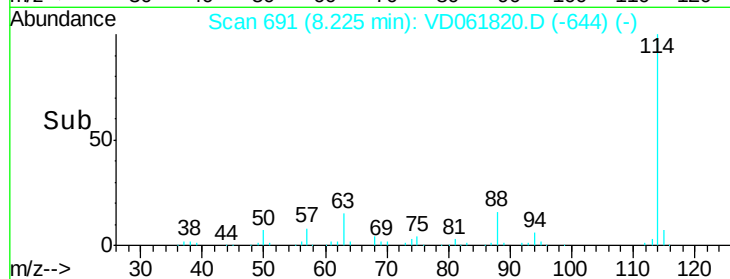
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

8.23

Time--> 8.00 8.20 8.40



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.04 min

Lab File: VD061820.D

Acq: 16 Apr 2019 19:50

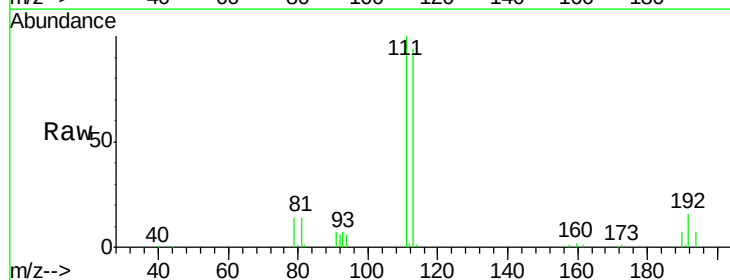
Tgt Ion:113 Resp: 324769

Ion Ratio Lower Upper

113 100

111 105.8 78.5 117.7

192 16.9 13.0 19.4



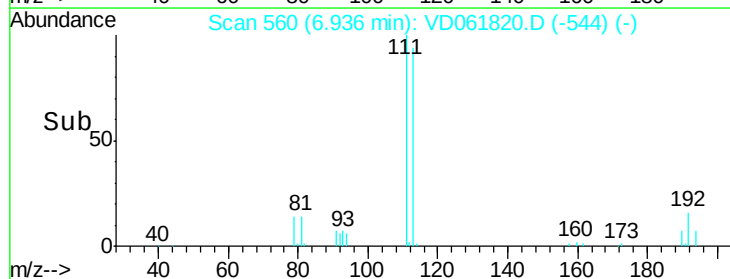
Abundance Ion 112.90 (112.60 to 113.60): V

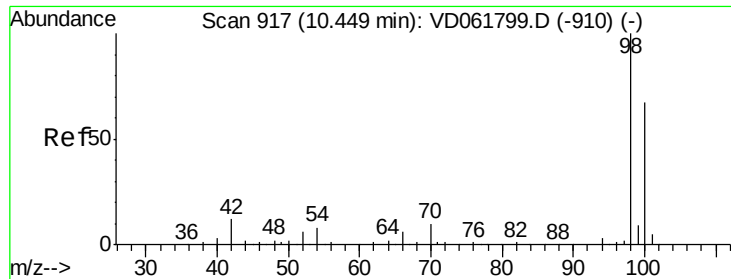
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.94

Time--> 6.80 6.90 7.00 7.10

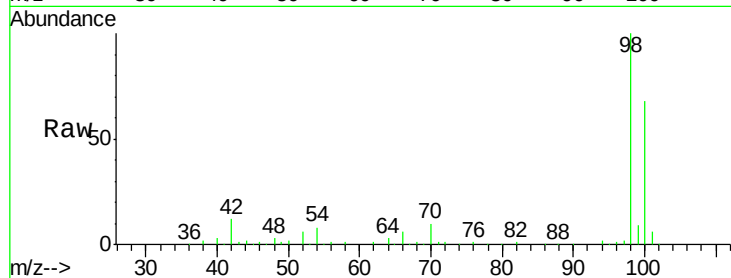




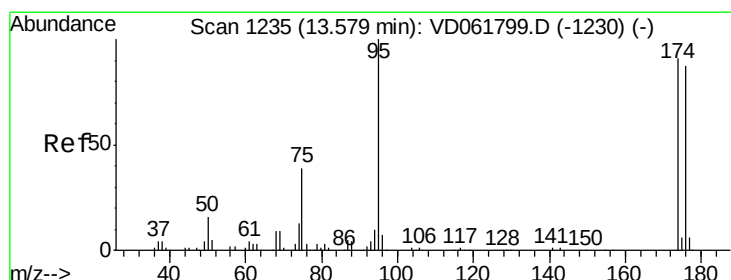
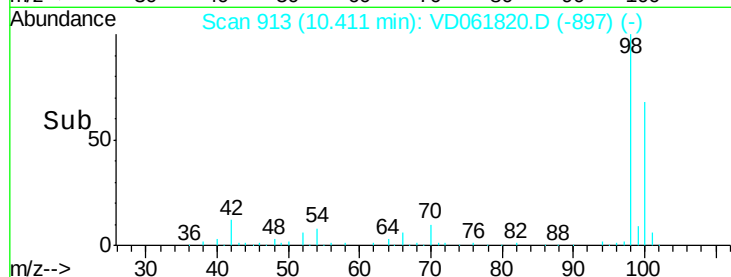
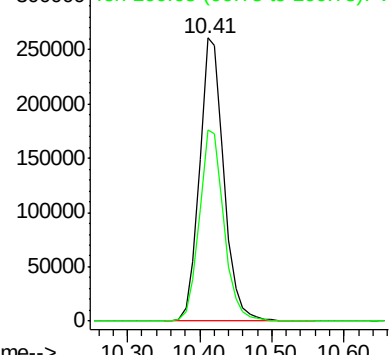
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampleId :
TP-13-S2

Tot Ion: 98 Resp: 604794
Ion Ratio Lower Upper
98 100
100 67.6 53.8 80.8

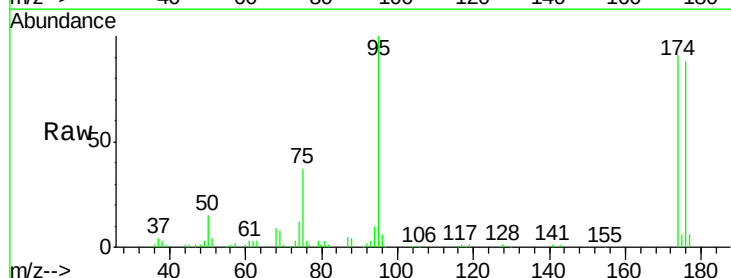


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061820.D (-897) (-)

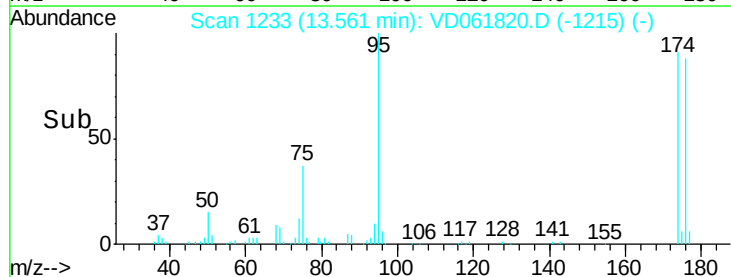
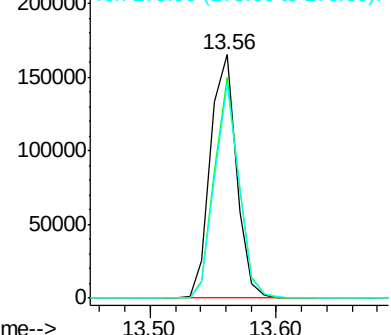


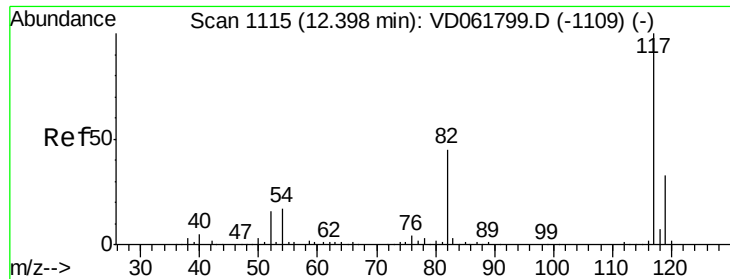
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion: 95 Resp: 234905
Ion Ratio Lower Upper
95 100
174 90.6 0.0 181.8
176 88.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)
Ion 173.90 (173.60 to 174.60): VD061820.D (-1215) (-)
Ion 175.90 (175.60 to 176.60): VD061820.D (-1215) (-)

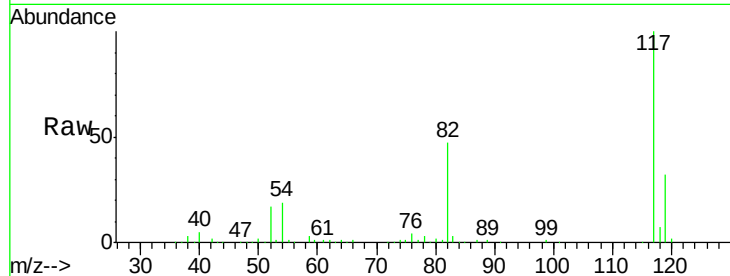




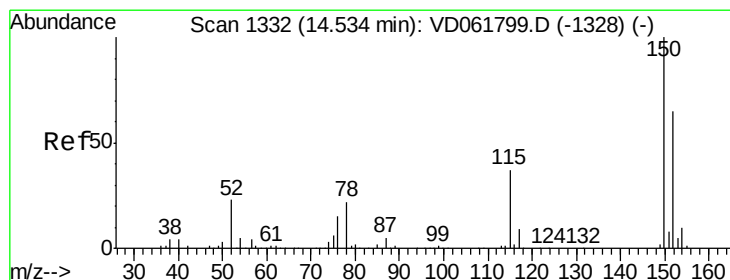
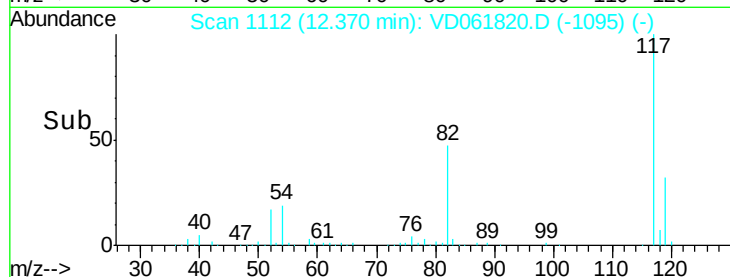
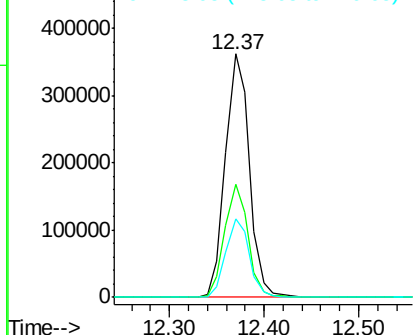
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Instrument :
MSVOA_D
ClientSampled :
TP-13-S2

Tot Ion:117 Resp: 636568
Ion Ratio Lower Upper
117 100
82 46.7 36.2 54.2
119 32.1 26.2 39.4

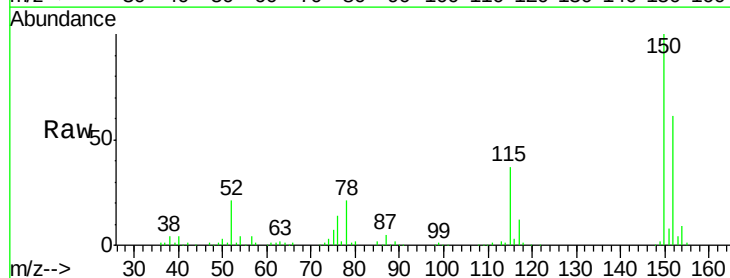


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061820.D
Acq: 16 Apr 2019 19:50

Tgt Ion:152 Resp: 245368
Ion Ratio Lower Upper
152 100
115 61.3 30.9 92.7
150 164.7 0.0 314.8



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

