

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061472.D
 Acq On : 1 Apr 2019 16:54
 Operator : VA/AP
 Sample : K2178-07
 Misc : 5.78g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-16

Quant Time: Apr 02 02:00:11 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

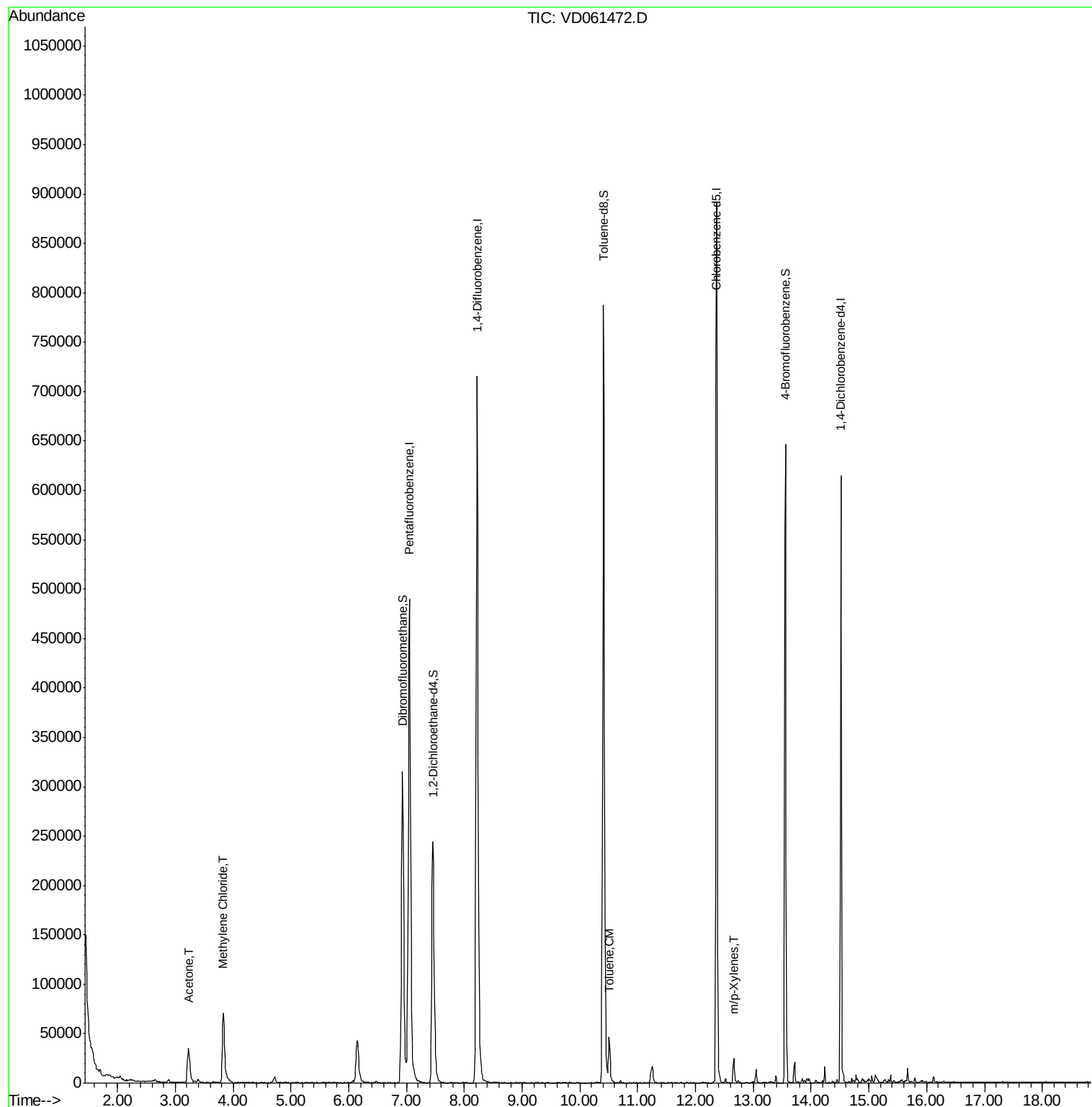
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	520060	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	905107	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	569374	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	147869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	241846	54.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.88%	
35) Dibromofluoromethane	6.93	113	315675	45.64	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.28%	
50) Toluene-d8	10.41	98	683789	41.22	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.44%	
62) 4-Bromofluorobenzene	13.56	95	216340	34.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	68.02%	
Target Compounds						
16) Acetone	3.23	43	74859	65.549	ug/l	97
20) Methylene Chloride	3.83	84	56362	7.165	ug/l	97
52) Toluene	10.50	92	24603	2.034	ug/l	98
68) m/p-Xylenes	12.66	106	9240	1.373	ug/l	92

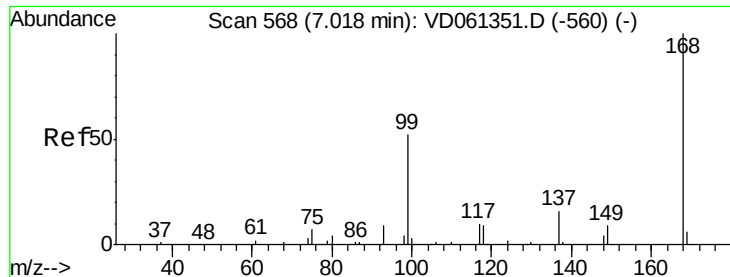
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061472.D

Acq: 1 Apr 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

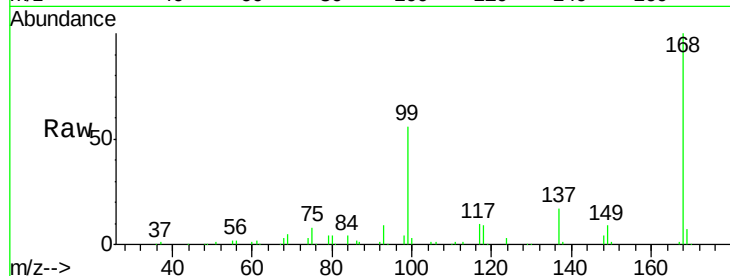
VOC-16

Tot Ion:168 Resp: 520060

Ion Ratio Lower Upper

168 100

99 56.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

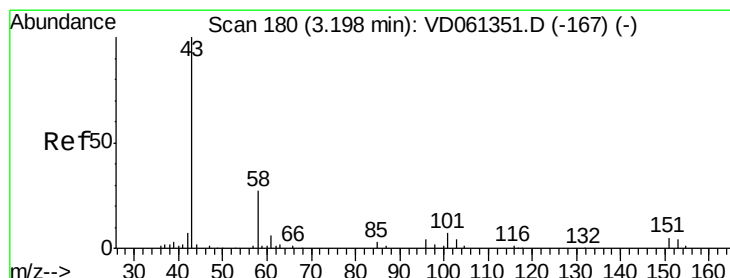
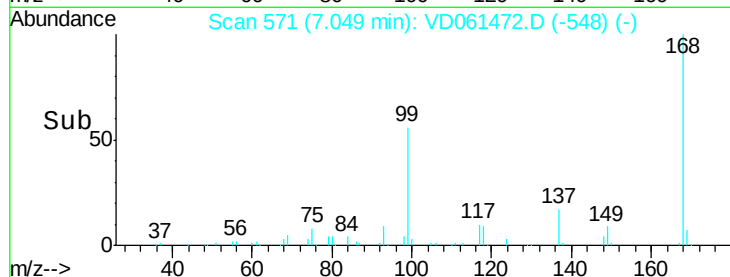
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 65.549 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061472.D

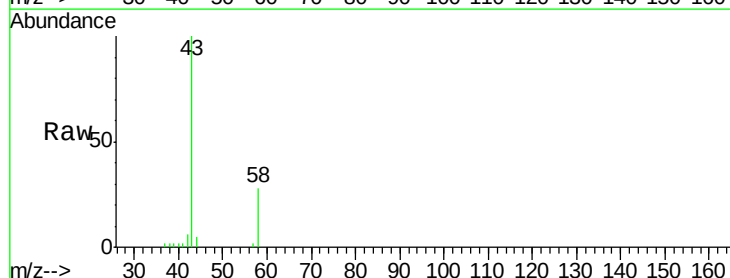
Acq: 1 Apr 2019 16:54

Tgt Ion: 43 Resp: 74859

Ion Ratio Lower Upper

43 100

58 28.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

25000

20000

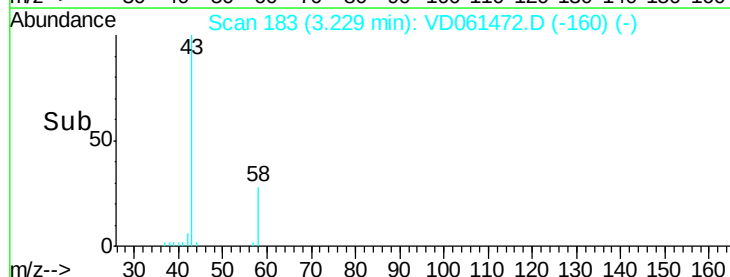
15000

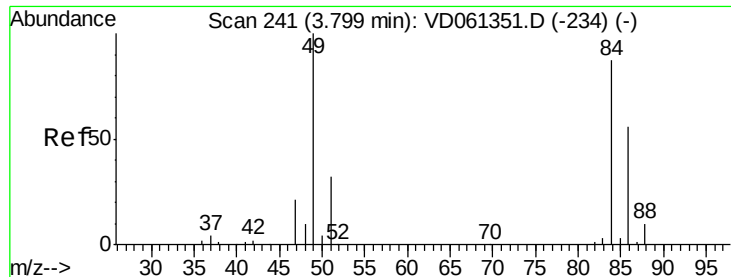
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

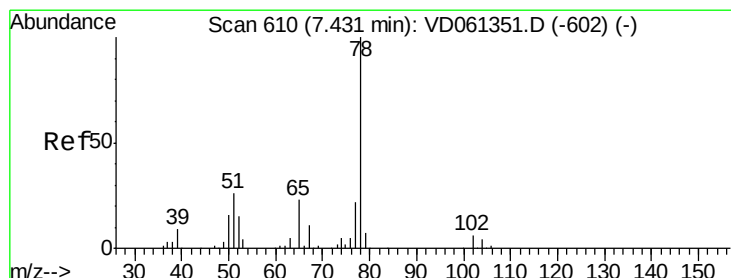
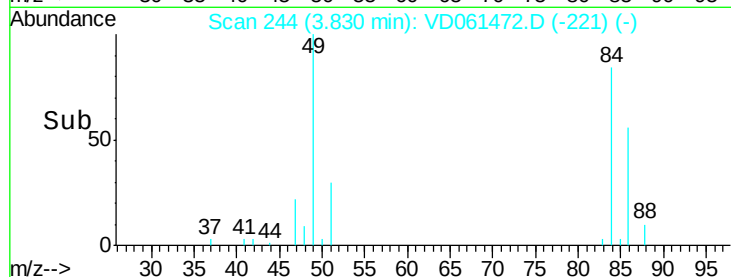
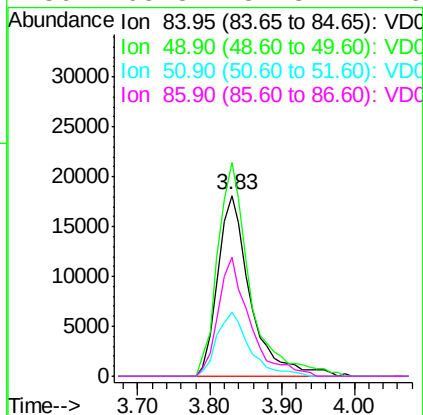
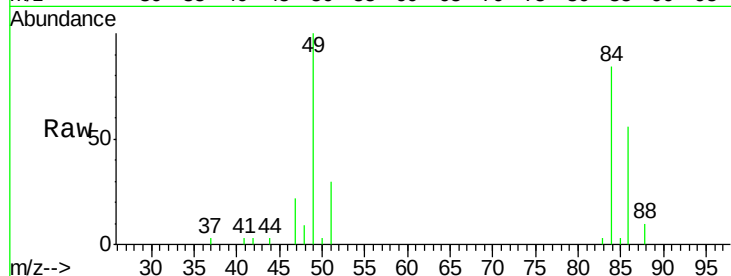




#20
Methylene Chloride
Concen: 7.165 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD061472.D
Acq: 1 Apr 2019 16:54

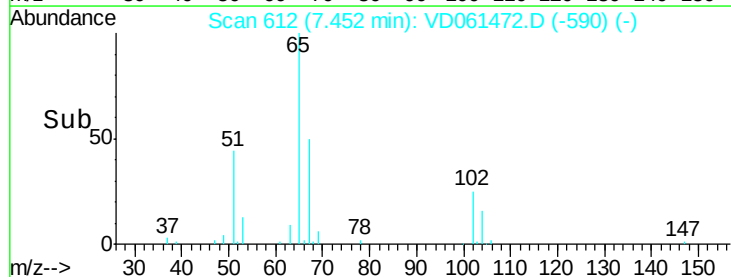
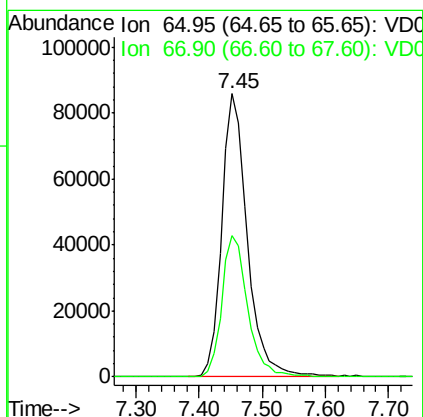
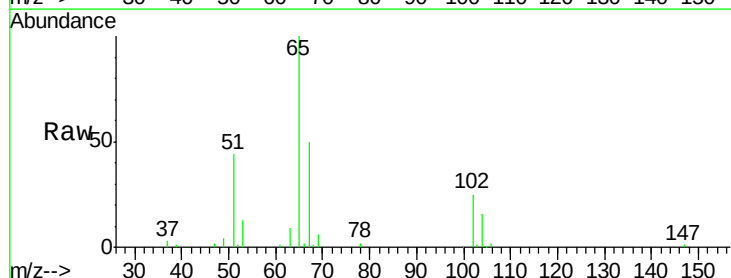
Instrument :
MSVOA_D
ClientSampleId :
VOC-16

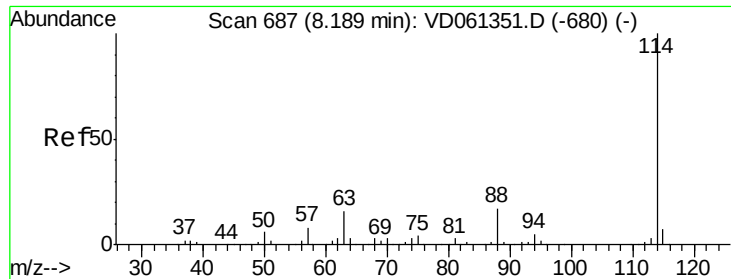
Tot Ion:	84	Resp:	56362
Ion	Ratio	Lower	Upper
84	100		
49	118.3	91.8	137.8
51	35.5	29.8	44.8
86	65.8	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD061472.D
Acq: 1 Apr 2019 16:54

Tgt Ion:	65	Resp:	241846
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.8

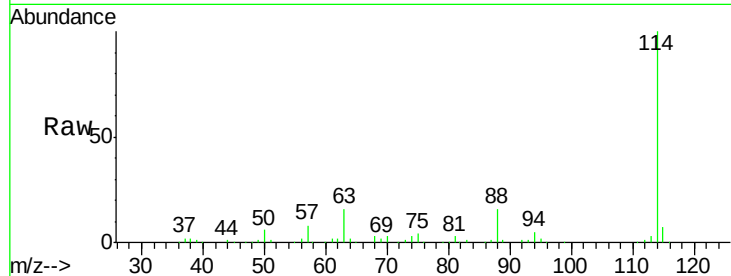




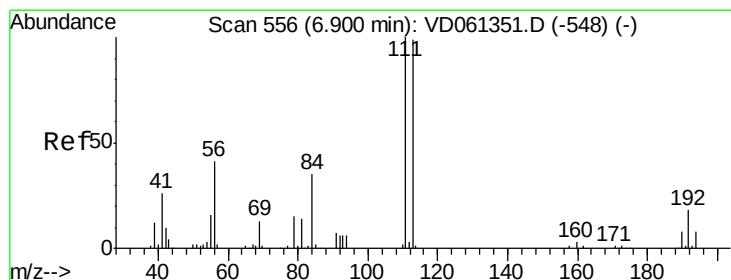
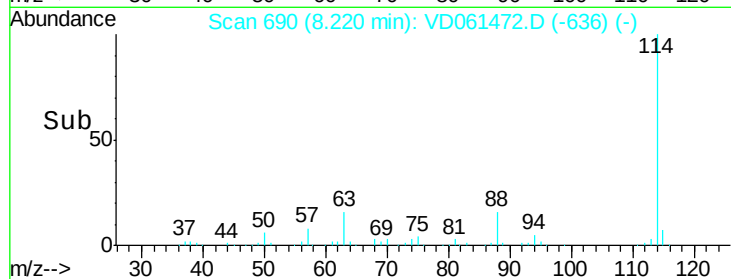
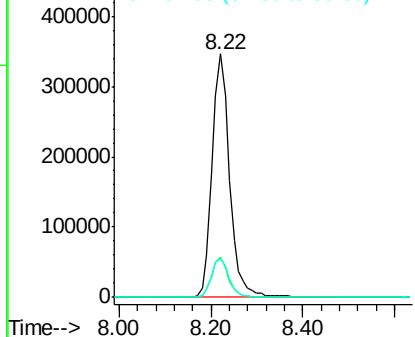
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061472.D
 Acq: 1 Apr 2019 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-16

Tot Ion:114 Resp: 905107
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.6
 88 16.2 0.0 33.4

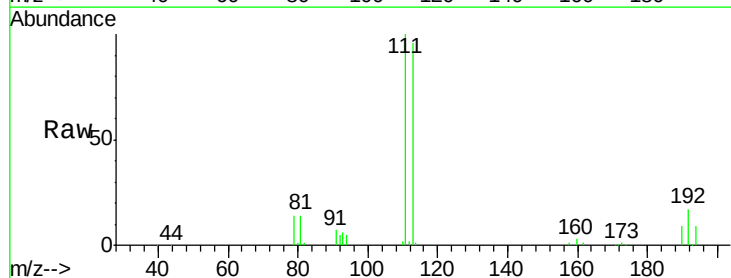


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

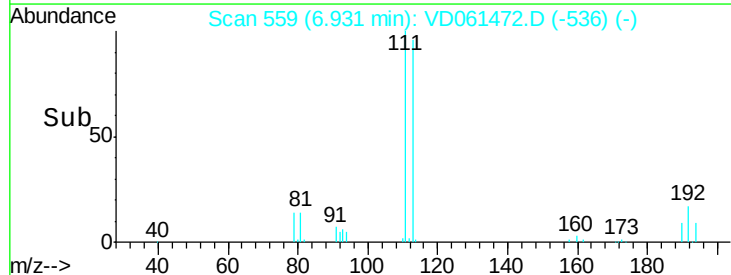
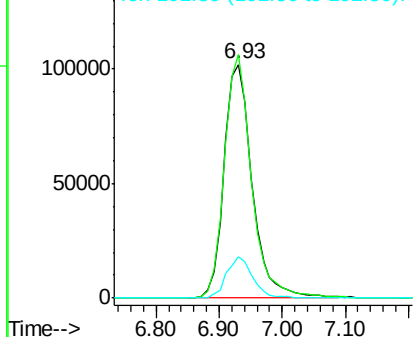


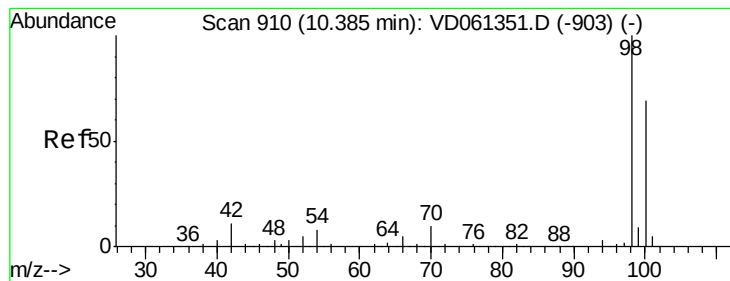
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061472.D
 Acq: 1 Apr 2019 16:54

Tgt Ion:113 Resp: 315675
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.0 121.6
 192 17.5 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: 10.41 min Scan# 912

Delta R.T. 0.02 min

Lab File: VD061472.D

Acq: 1 Apr 2019 16:54

Instrument :

MSVOA_D

ClientSampleId :

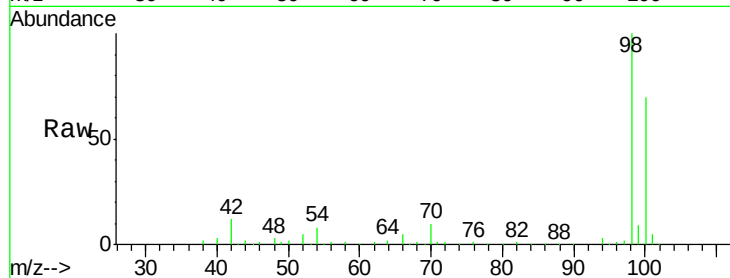
VOC-16

Tot Ion: 98 Resp: 683789

Ion Ratio Lower Upper

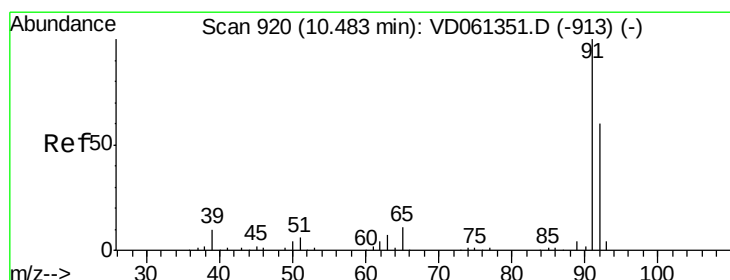
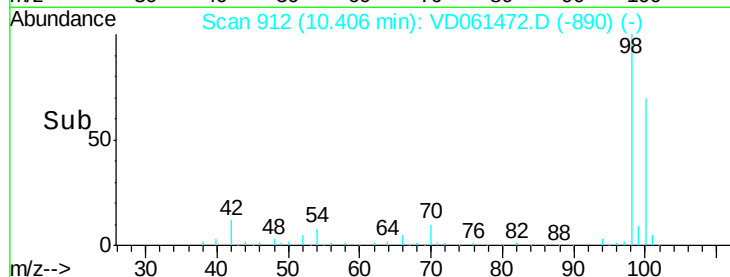
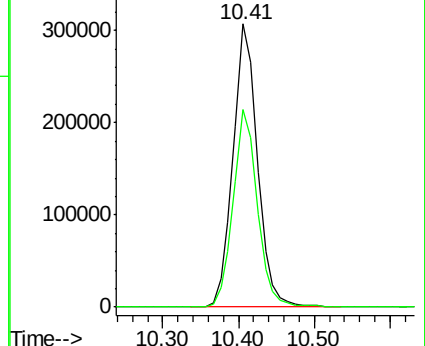
98 100

100 69.6 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 2.034 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.02 min

Lab File: VD061472.D

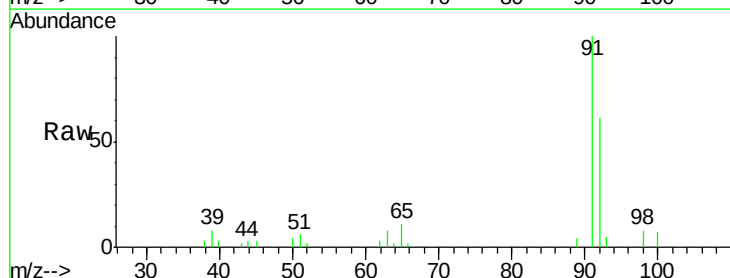
Acq: 1 Apr 2019 16:54

Tgt Ion: 92 Resp: 24603

Ion Ratio Lower Upper

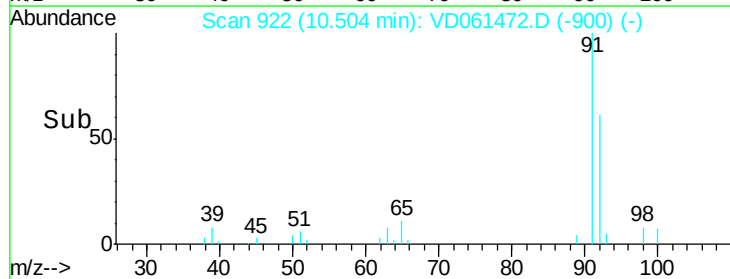
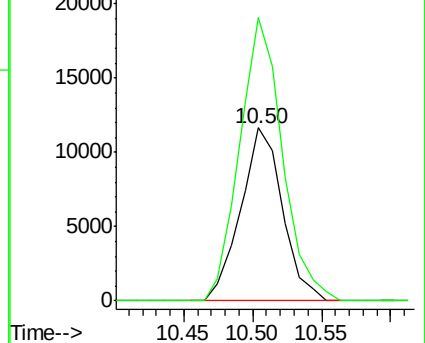
92 100

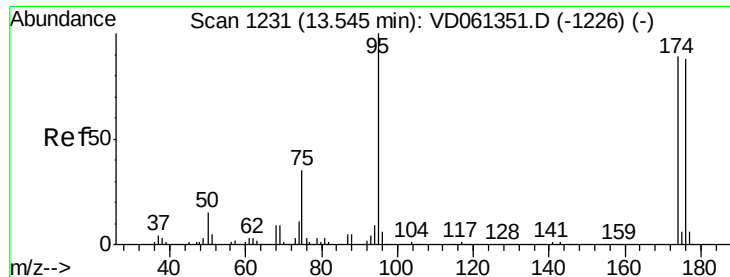
91 163.8 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

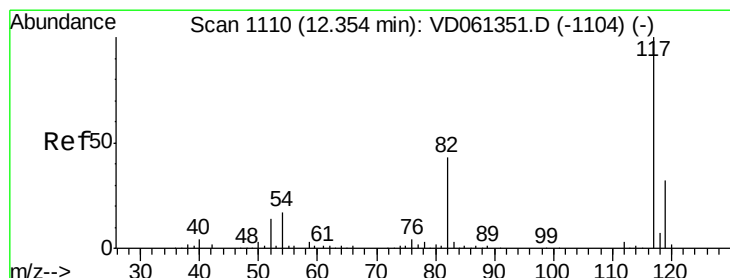
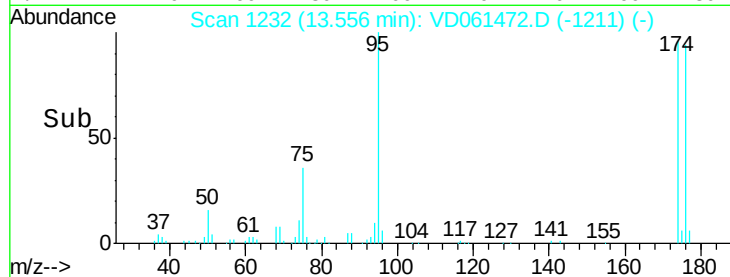
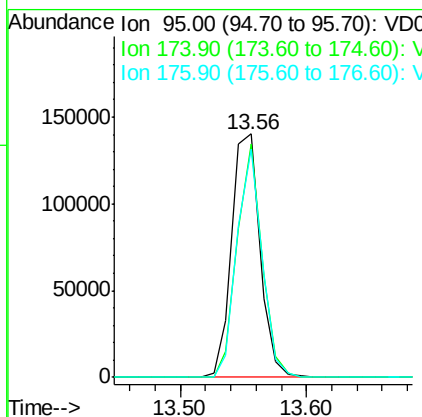
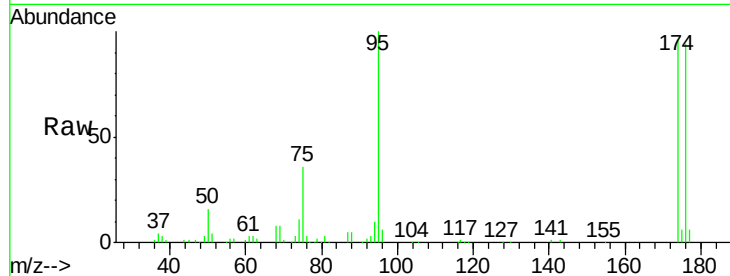




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061472.D
Acq: 1 Apr 2019 16:54

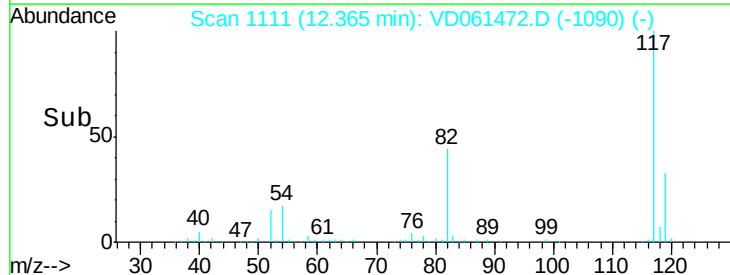
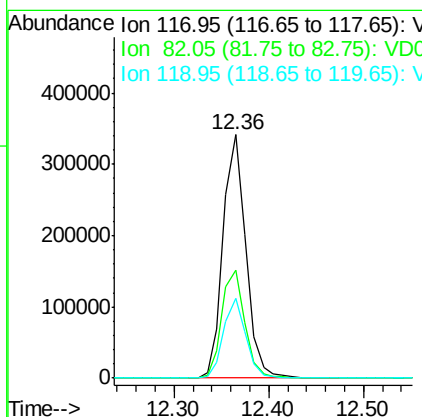
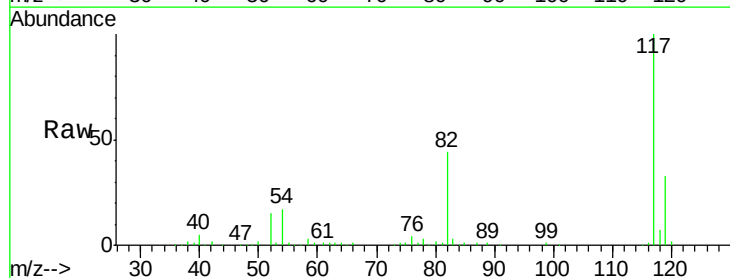
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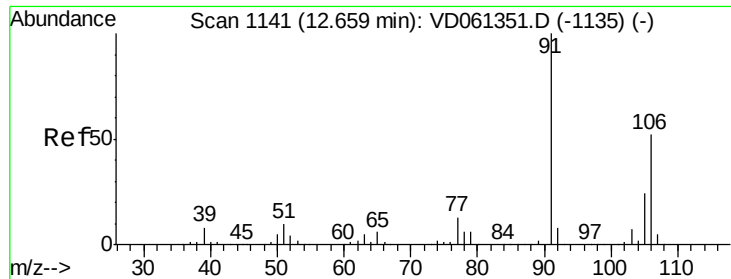
Tot Ion: 95 Resp: 216340
Ion Ratio Lower Upper
95 100
174 95.7 0.0 178.0
176 93.7 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061472.D
Acq: 1 Apr 2019 16:54

Tgt Ion: 117 Resp: 569374
Ion Ratio Lower Upper
117 100
82 44.2 34.4 51.6
119 33.0 25.8 38.6

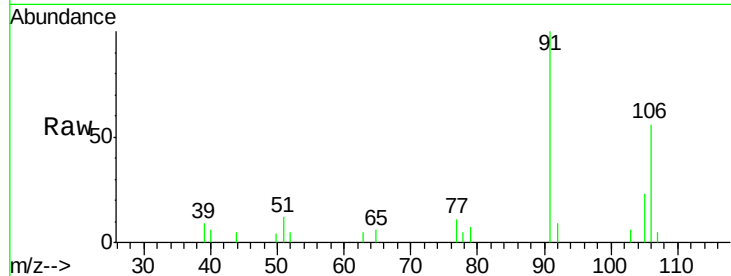




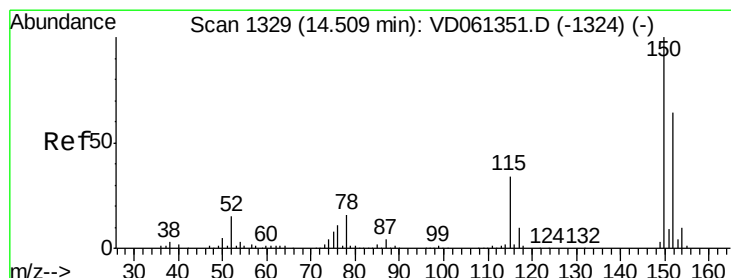
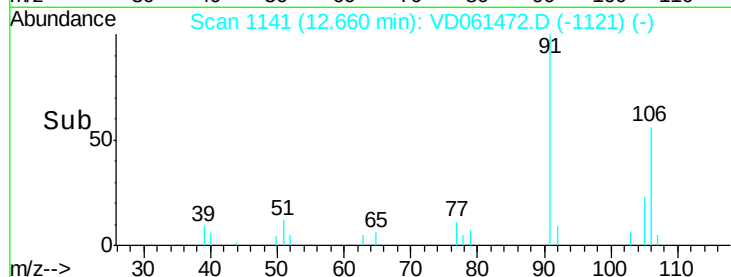
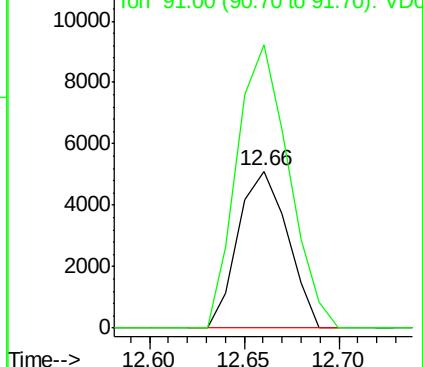
#68
m/p-Xvlenes
Concen: 1.373 ug/l
RT: 12.66 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VD061472.D
Acq: 1 Apr 2019 16:54

Instrument :
MSVOA_D
ClientSampled :
VOC-16

Tot Ion:106 Resp: 9240
Ion Ratio Lower Upper
106 100
91 180.1 153.1 229.7

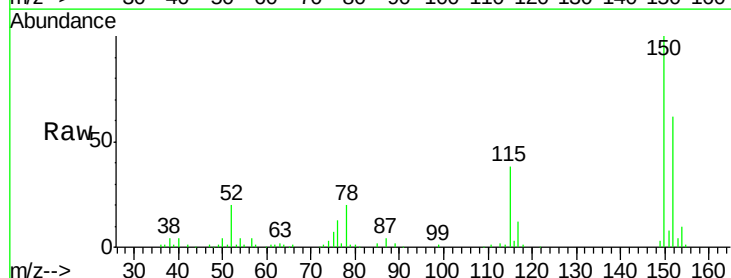


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061472.D
Acq: 1 Apr 2019 16:54

Tgt Ion:152 Resp: 147869
Ion Ratio Lower Upper
152 100
115 60.8 26.9 80.6
150 160.3 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

