

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061582.D
 Acq On : 4 Apr 2019 16:44
 Operator : VA/AP
 Sample : K2199-03RE
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-040219-BRE

Quant Time: Apr 05 01:29:45 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

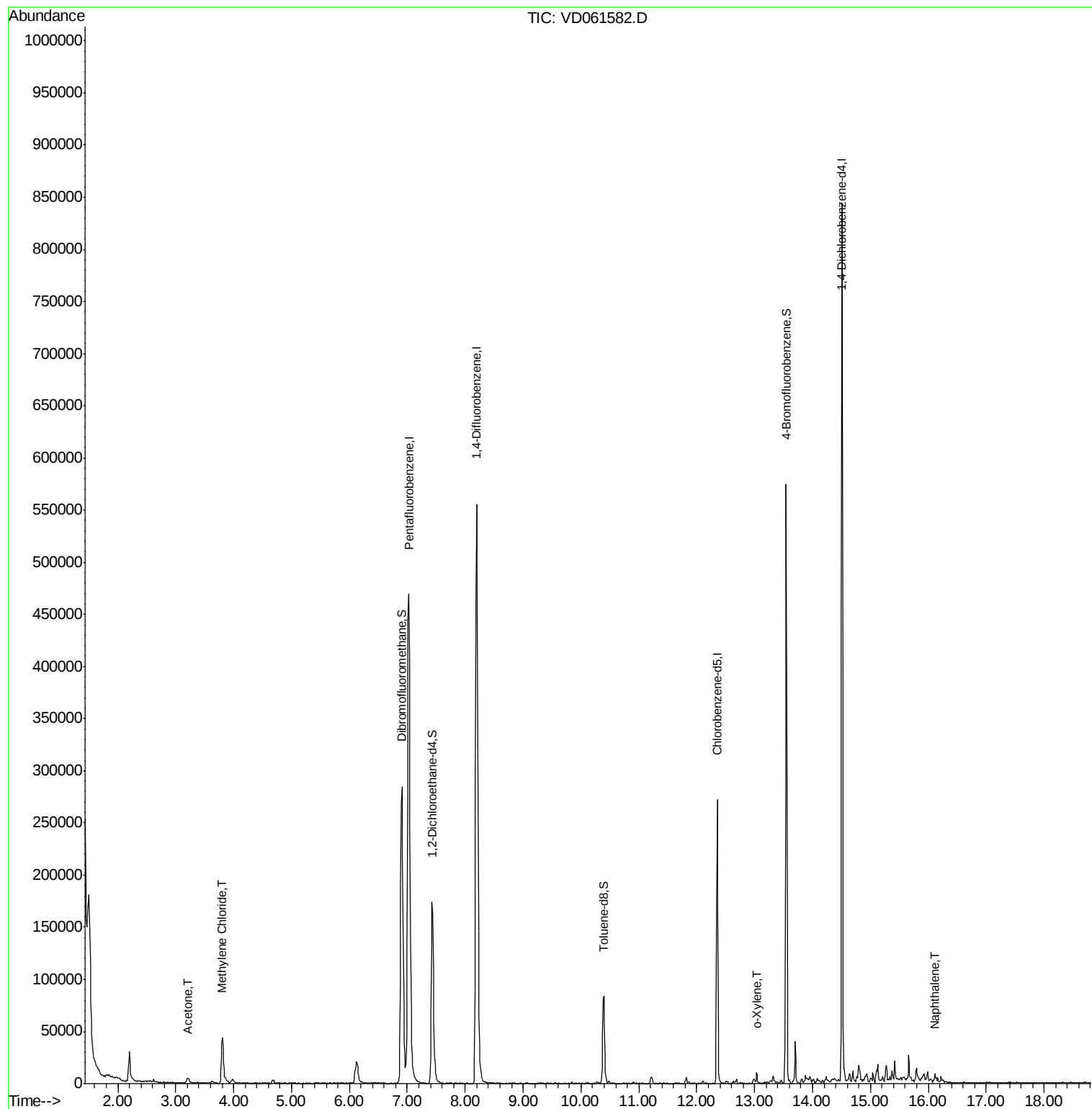
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	499176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	729445	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	168147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	190074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	175741	41.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.42%	
35) Dibromofluoromethane	6.91	113	278991	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.39	98	80325	6.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.02%	
62) 4-Bromofluorobenzene	13.54	95	180821	35.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.54%	
Target Compounds						
16) Acetone	3.20	43	11125	10.149	ug/l #	76
20) Methylene Chloride	3.81	84	32902	3.575	ug/l	91
69) o-Xylene	13.04	106	2946	1.528	ug/l	90
95) Naphthalene	16.11	128	5164	1.365	ug/l	97

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

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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# 569

Delta R.T. 0.01 min

Lab File: VD061582.D

Acq: 4 Apr 2019 16:44

Instrument :

MSVOA_D

ClientSampleId :

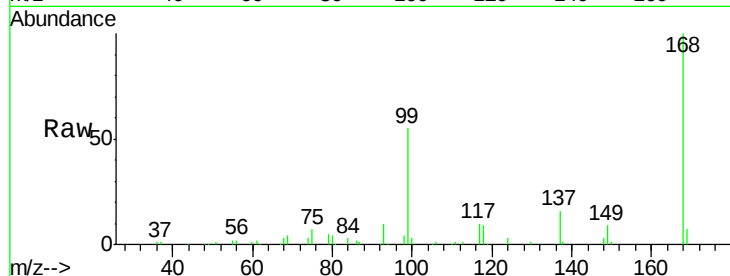
OR-02-040219-BRE

Tot Ion:168 Resp: 499176

Ion Ratio Lower Upper

168 100

99 55.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

150000

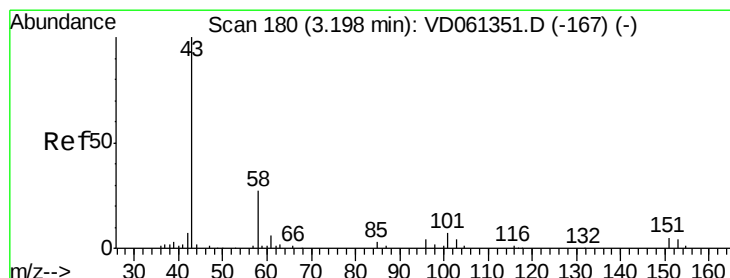
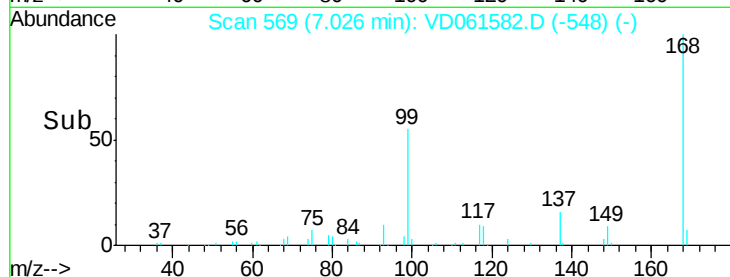
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 10.149 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.00 min

Lab File: VD061582.D

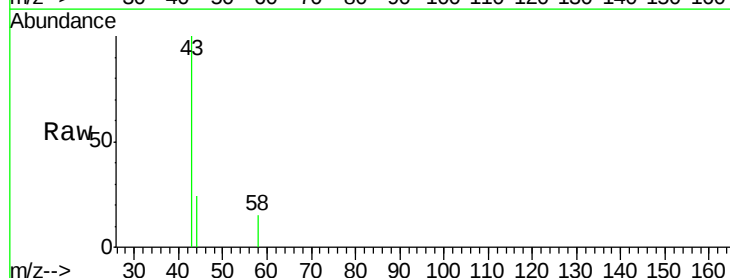
Acq: 4 Apr 2019 16:44

Tgt Ion: 43 Resp: 11125

Ion Ratio Lower Upper

43 100

58 14.7 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

4000

3000

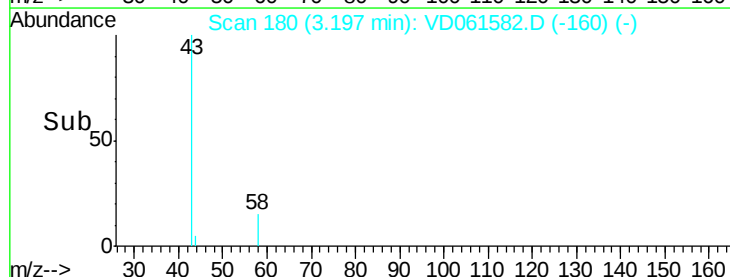
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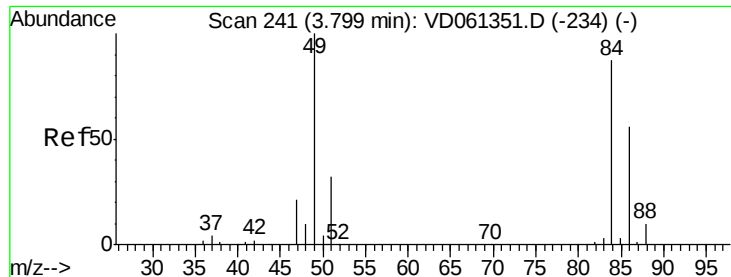
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0

3.10 3.15 3.20 3.25 3.30

Time-->

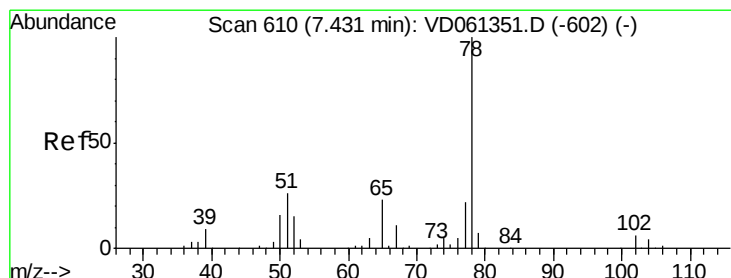
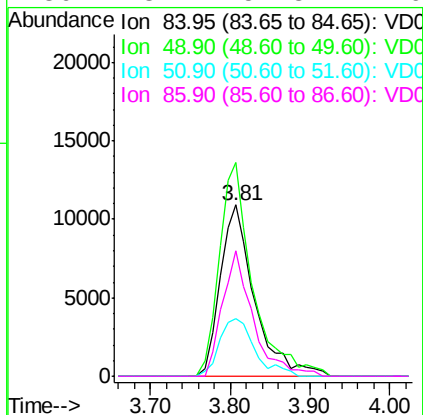
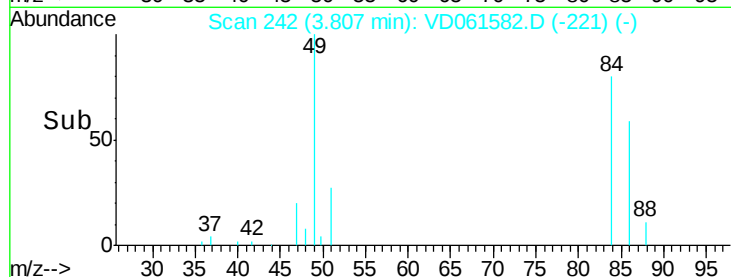
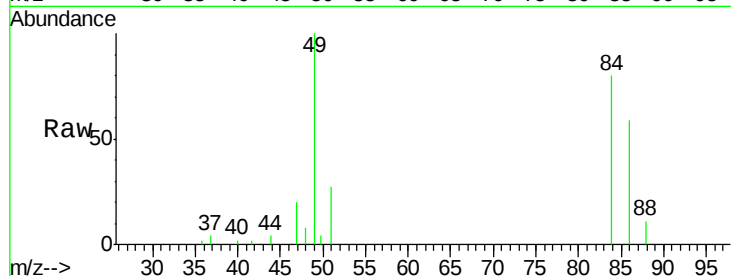




#20
Methylene Chloride
Concen: 3.575 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

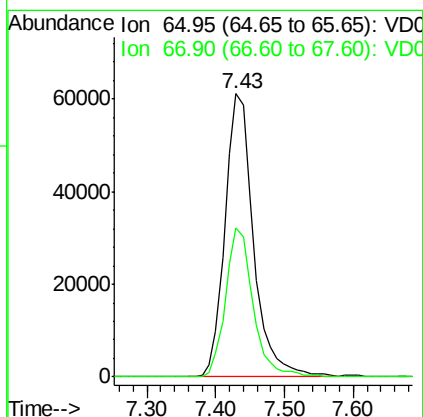
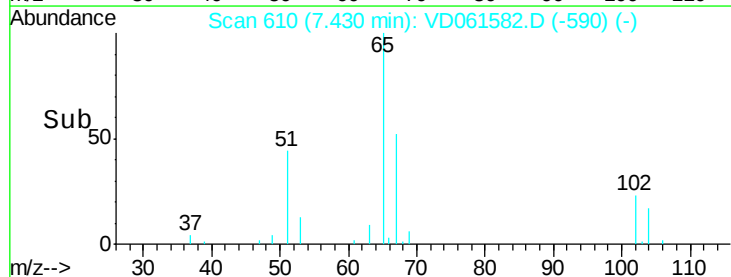
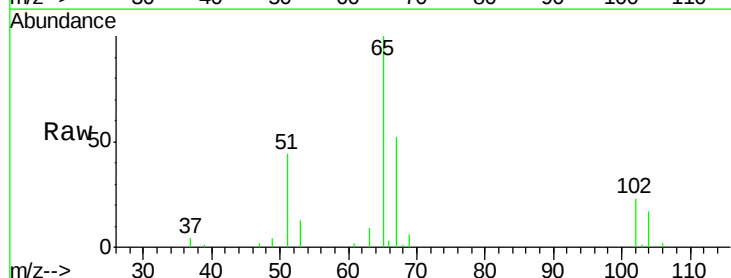
Instrument :
MSVOA_D
ClientSampleId :
OR-02-040219-BRE

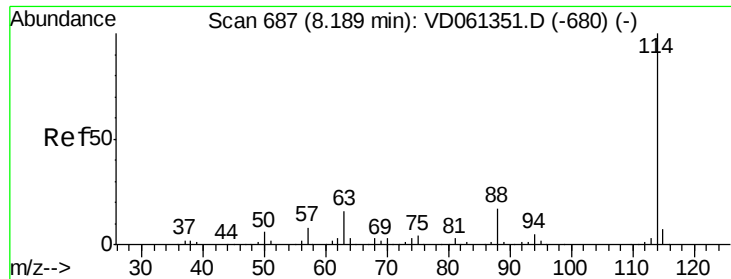
Tot Ion: 84 Resp: 32902
Ion Ratio Lower Upper
84 100
49 124.7 91.8 137.8
51 33.8 29.8 44.8
86 73.2 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion: 65 Resp: 175741
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.8

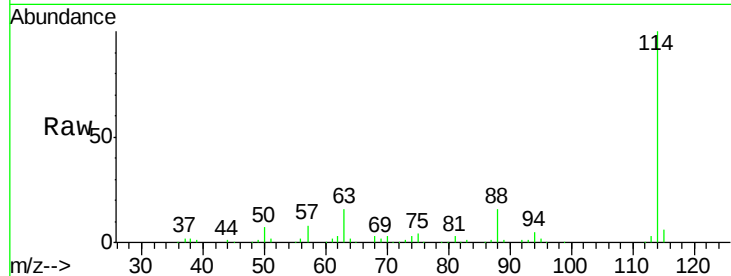




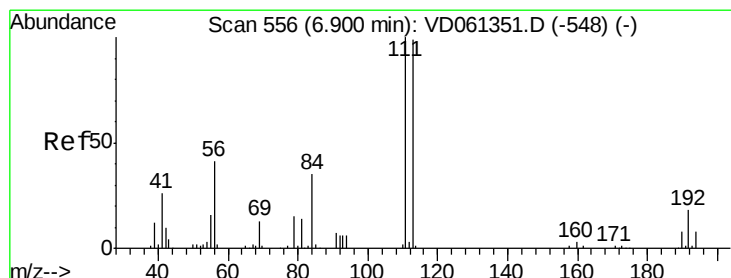
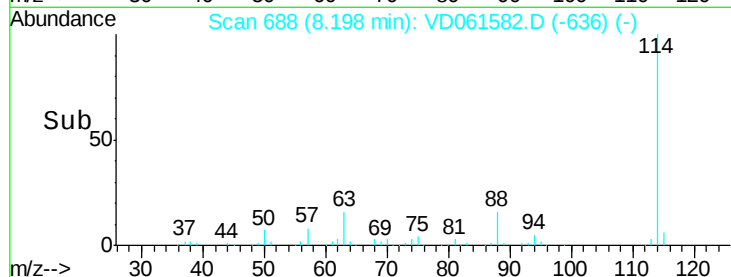
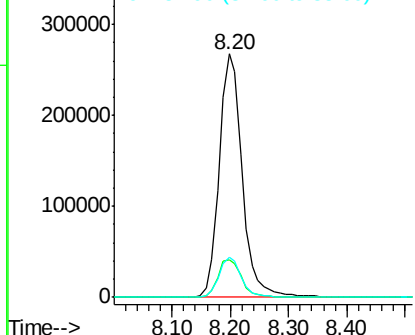
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061582.D
 Acq: 4 Apr 2019 16:44

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-040219-BRE

Tot Ion:114 Resp: 729445
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.6
 88 16.3 0.0 33.4

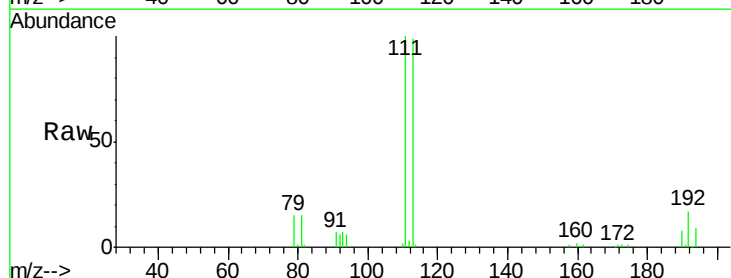


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

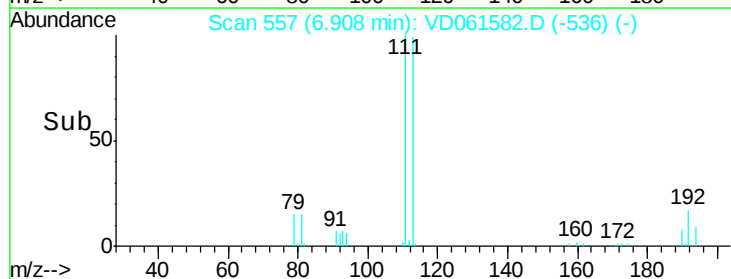
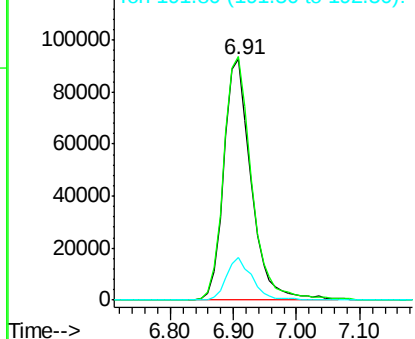


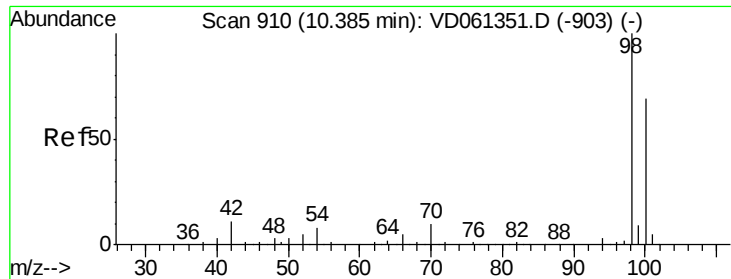
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061582.D
 Acq: 4 Apr 2019 16:44

Tgt Ion:113 Resp: 278991
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.0 121.6
 192 17.6 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

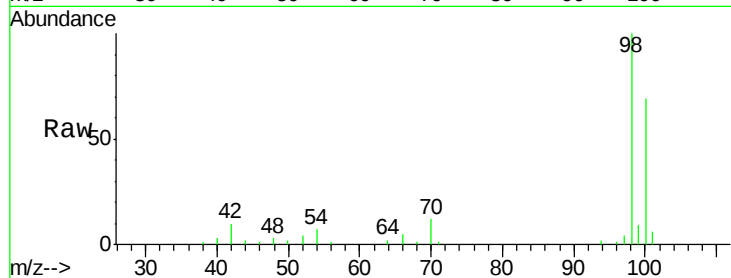




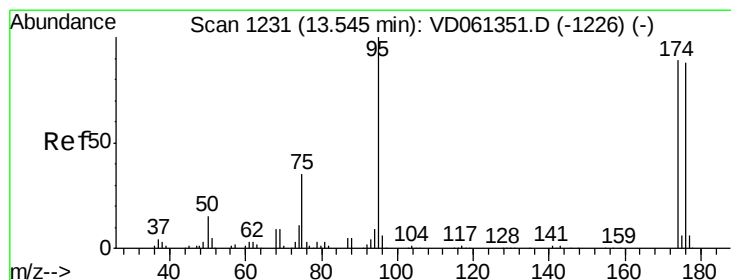
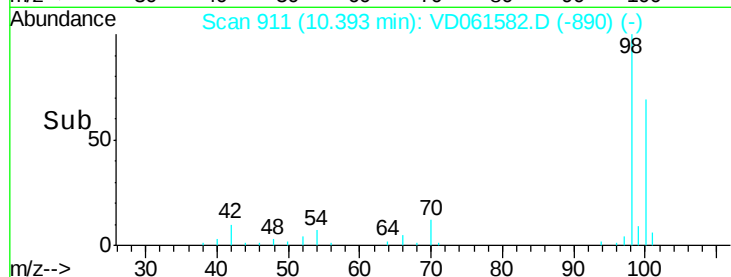
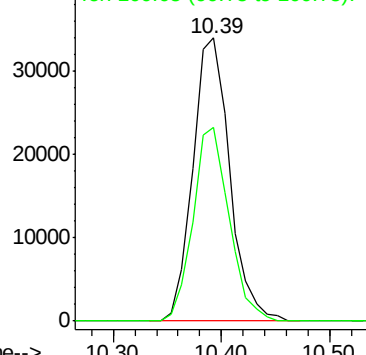
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :
OR-02-040219-BRE

Tot Ion: 98 Resp: 80325
Ion Ratio Lower Upper
98 100
100 68.5 56.2 84.2

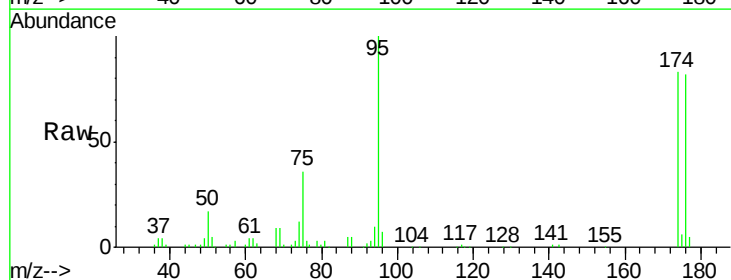


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

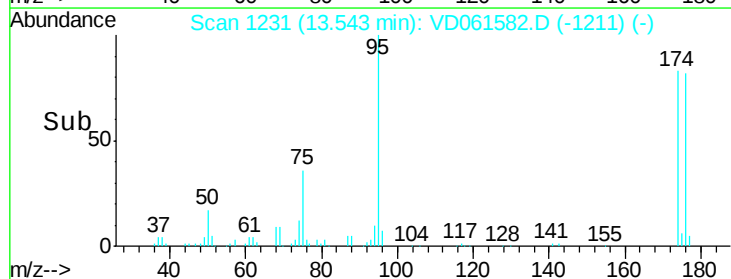
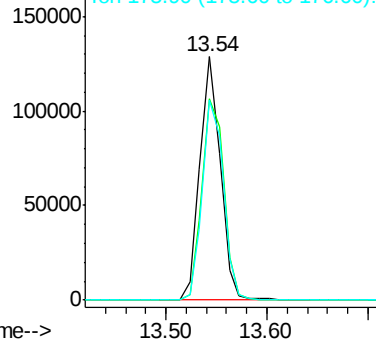


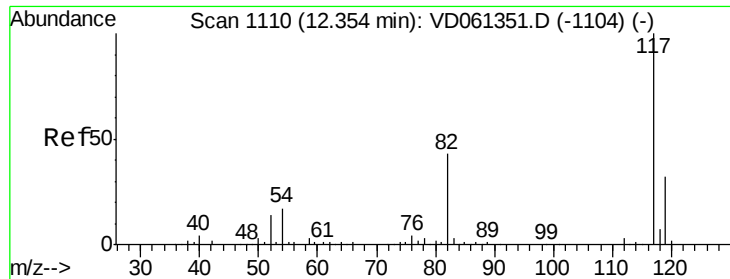
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion: 95 Resp: 180821
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.0
176 82.1 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) (-)

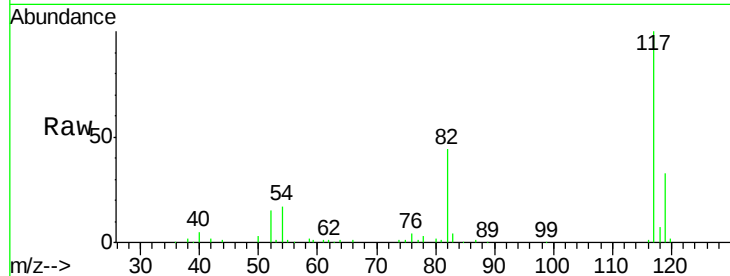




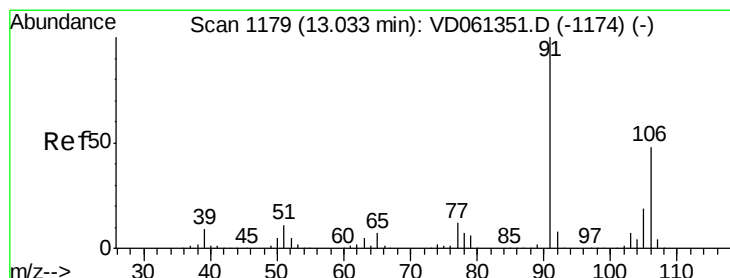
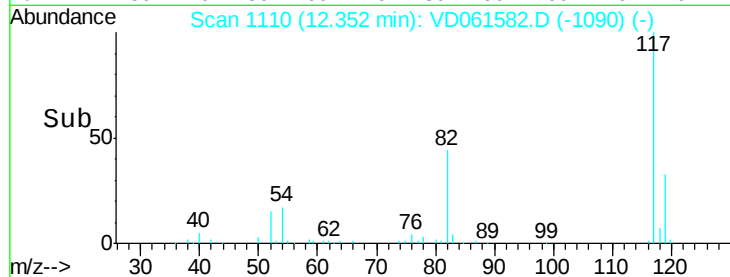
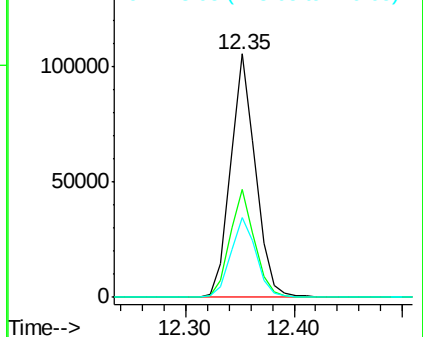
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Instrument :
MSVOA_D
ClientSampleId :
OR-02-040219-BRE

Tot Ion:117 Resp: 168147
Ion Ratio Lower Upper
117 100
82 44.1 34.4 51.6
119 32.6 25.8 38.6

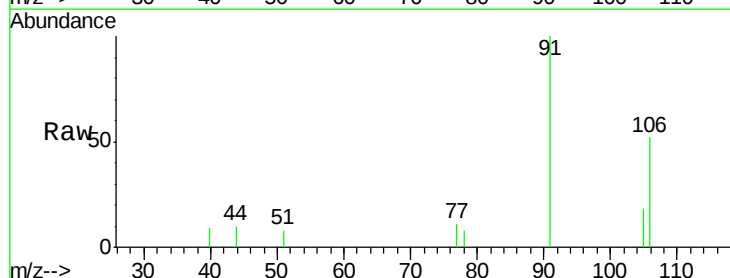


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

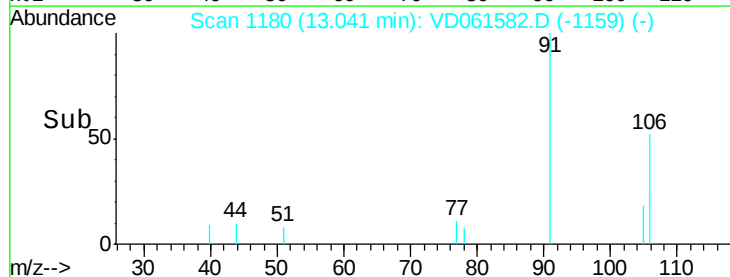
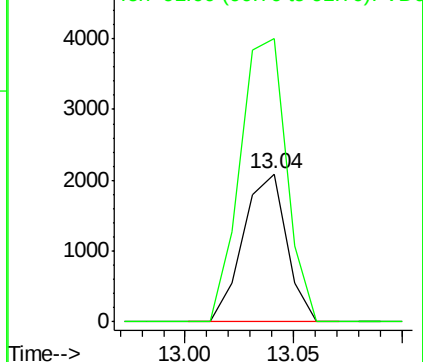


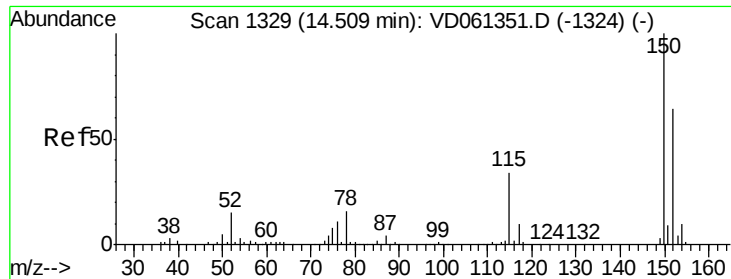
#69
o-Xylene
Concen: 1.528 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion:106 Resp: 2946
Ion Ratio Lower Upper
106 100
91 191.7 103.8 311.3



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



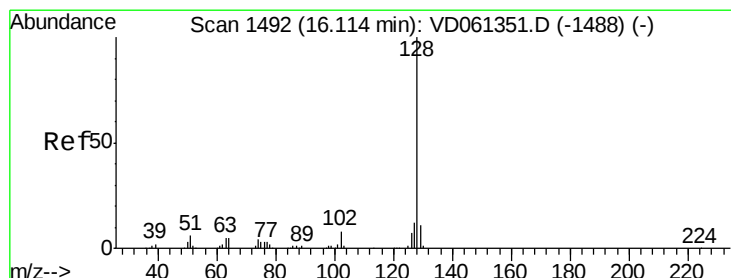
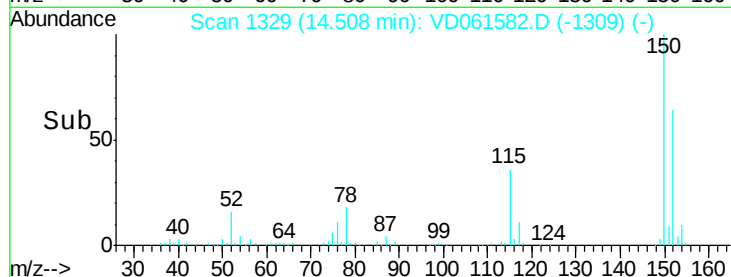
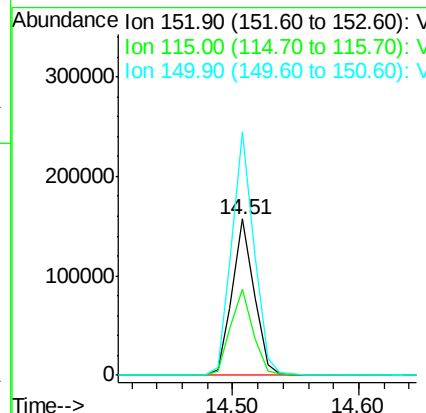
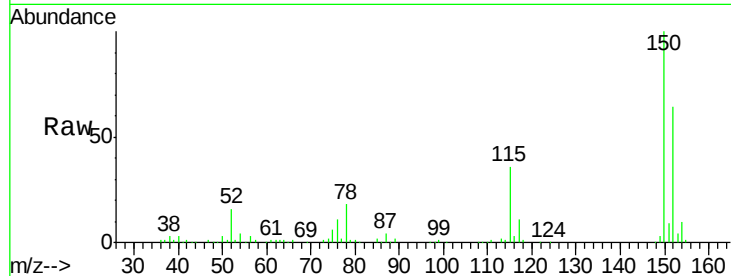


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

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Tot Ion:152 Resp: 190074
Ion Ratio Lower Upper
152 100
115 55.5 26.9 80.6
150 156.0 0.0 318.0



#95

Naphthalene
Concen: 1.365 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD061582.D
Acq: 4 Apr 2019 16:44

Tgt Ion:128 Resp: 5164
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 9.4 8.9 13.3

