

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061265.D
 Acq On : 22 Mar 2019 17:14
 Operator : VA/AP
 Sample : K2004-04RE
 Misc : 2.57g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(13-14)RE

Quant Time: Mar 23 00:38:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

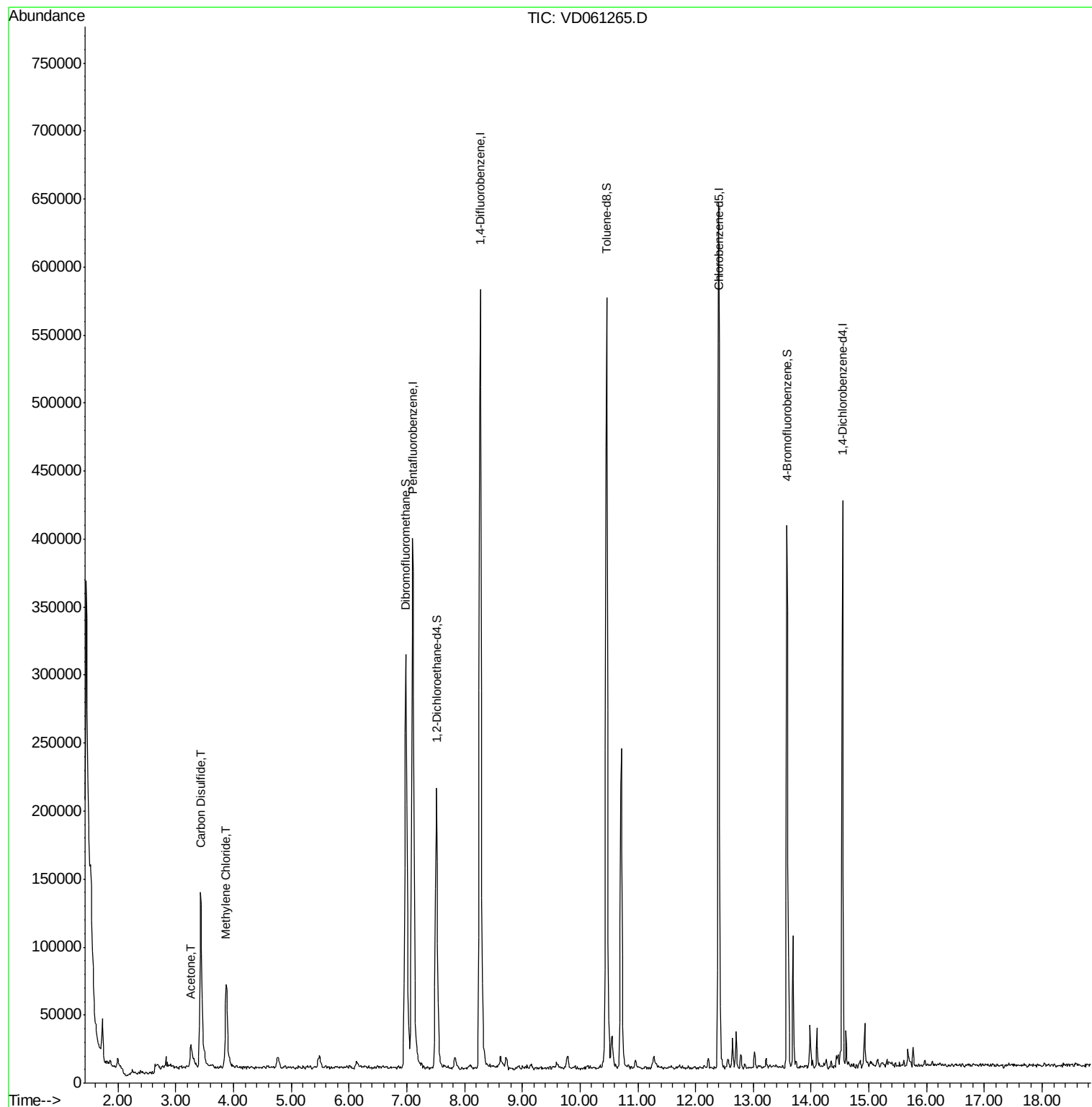
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	412892	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.27	114	730844	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	417902	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	97404	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	198272	57.69	ug/l	0.07
Spiked Amount 50.000			Recovery	=	115.38%	
35) Dibromofluoromethane	6.98	113	301888	55.66	ug/l	0.06
Spiked Amount 50.000			Recovery	=	111.32%	
50) Toluene-d8	10.46	98	522246	38.34	ug/l	0.06
Spiked Amount 50.000			Recovery	=	76.68%	
62) 4-Bromofluorobenzene	13.58	95	126371	23.91	ug/l	0.03
Spiked Amount 50.000			Recovery	=	47.82%	
Target Compounds						
16) Acetone	3.26	43	35078	35.692	ug/l	97
17) Carbon Disulfide	3.43	76	270283	19.332	ug/l	98
20) Methylene Chloride	3.88	84	46220	6.232	ug/l	92

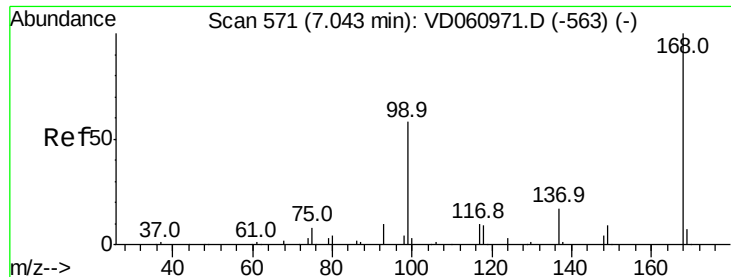
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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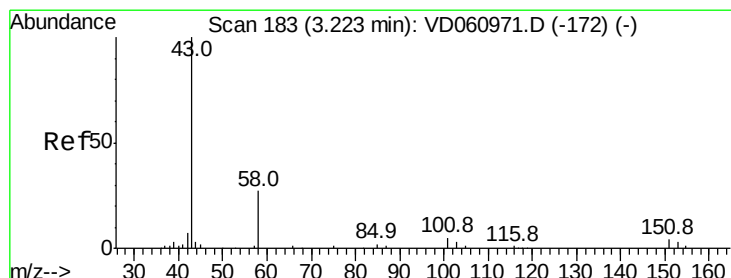
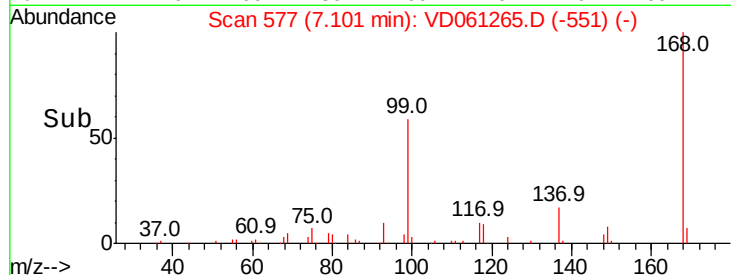
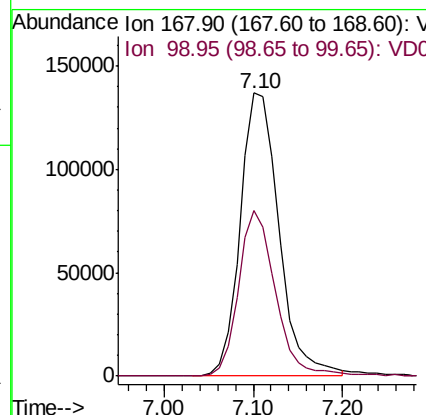
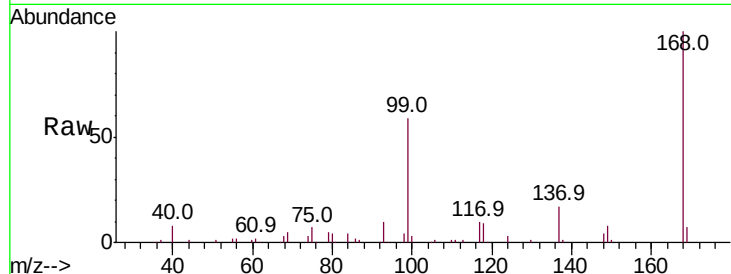




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.10 min Scan# 577
Delta R.T. 0.06 min
Lab File: VD061265.D
Acq: 22 Mar 2019 17:14

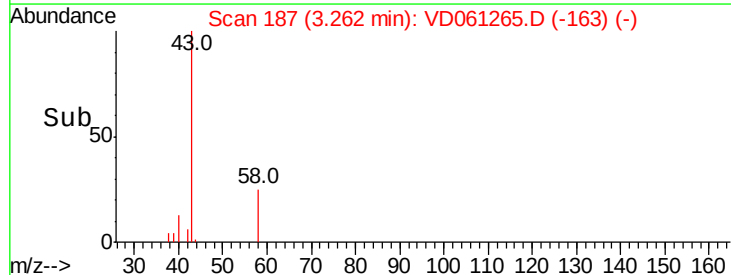
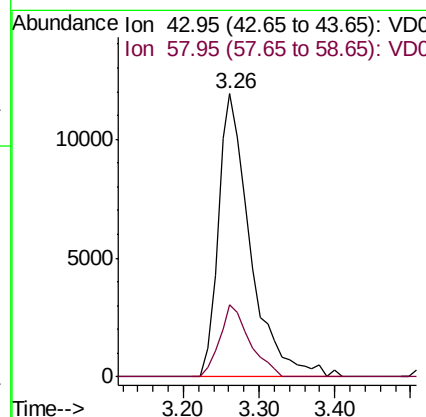
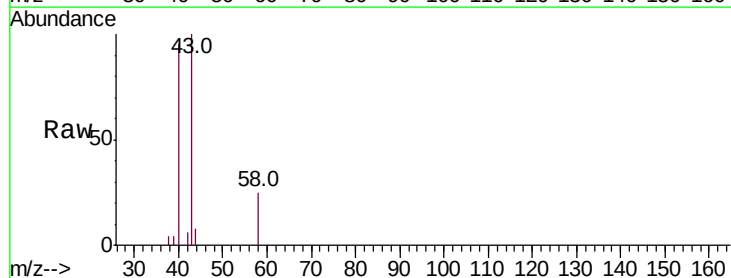
Instrument :
MSVOA_D
ClientSampleId :
SB-19(13-14)RE

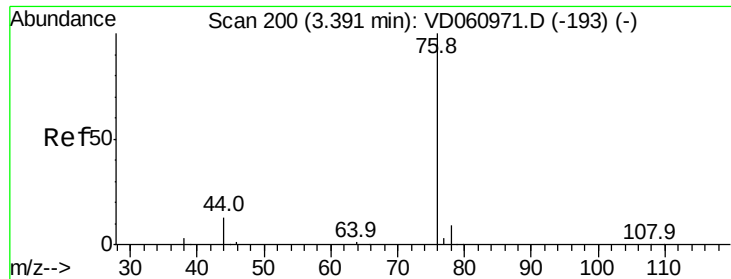
Tot Ion:168 Resp: 412892
Ion Ratio Lower Upper
168 100
99 58.6 47.3 70.9



#16
Acetone
Concen: 35.692 ug/l
RT: 3.26 min Scan# 187
Delta R.T. 0.04 min
Lab File: VD061265.D
Acq: 22 Mar 2019 17:14

Tgt Ion: 43 Resp: 35078
Ion Ratio Lower Upper
43 100
58 25.3 21.6 32.4





#17

Carbon Disulfide

Concen: 19.332 ug/l

RT: 3.43 min Scan# 204

Delta R.T. 0.04 min

Lab File: VD061265.D

Acq: 22 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

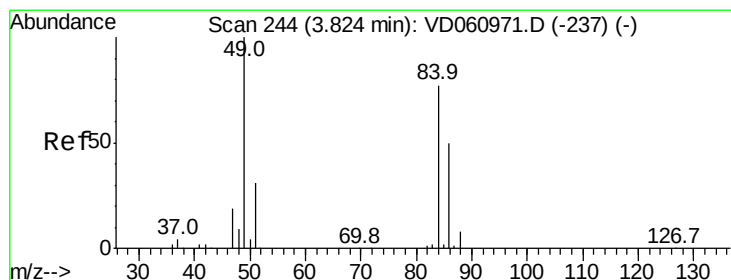
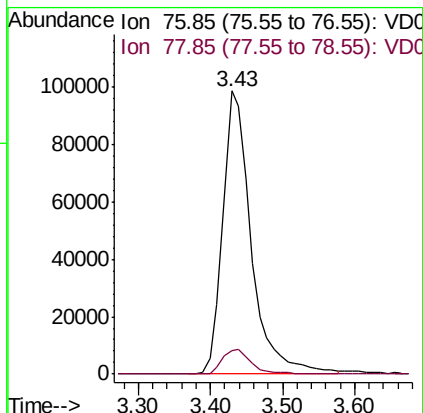
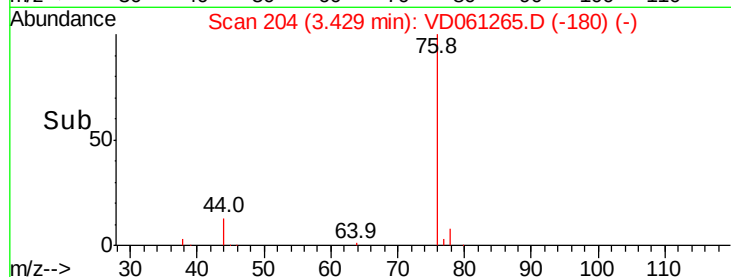
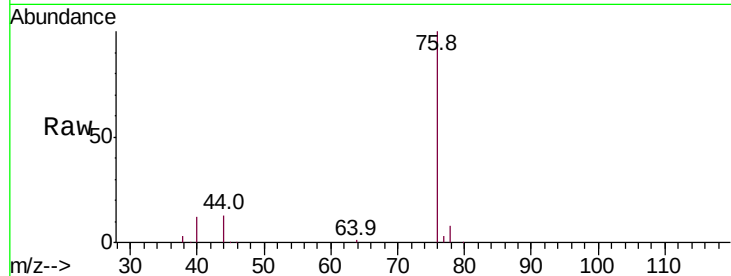
SB-19(13-14)RE

Tot Ion: 76 Resp: 270283

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2



#20

Methylene Chloride

Concen: 6.232 ug/l

RT: 3.88 min Scan# 250

Delta R.T. 0.06 min

Lab File: VD061265.D

Acq: 22 Mar 2019 17:14

Tgt Ion: 84 Resp: 46220

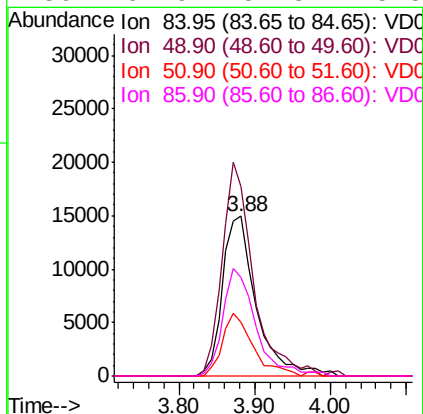
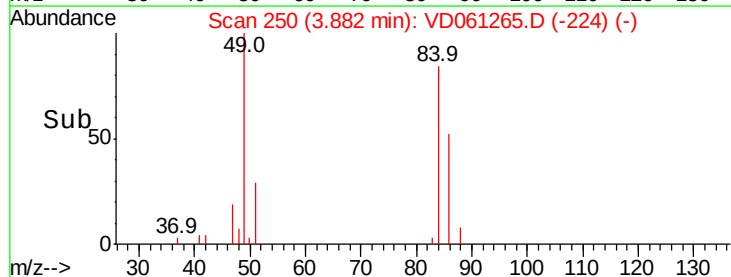
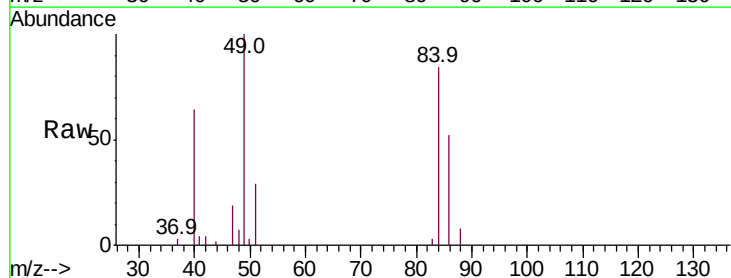
Ion Ratio Lower Upper

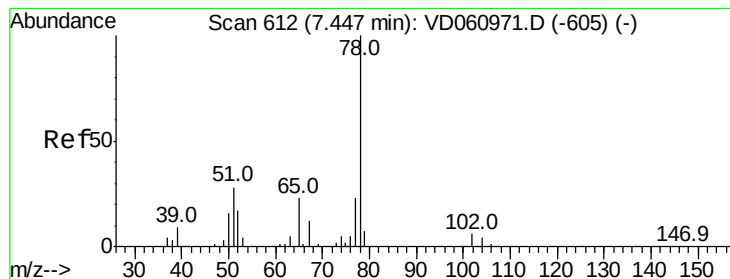
84 100

49 118.7 104.2 156.2

51 34.0 32.3 48.5

86 61.9 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.51 min Scan# 619

Delta R.T. 0.07 min

Lab File: VD061265.D

Acq: 22 Mar 2019 17:14

Instrument :

MSVOA_D

ClientSampleId :

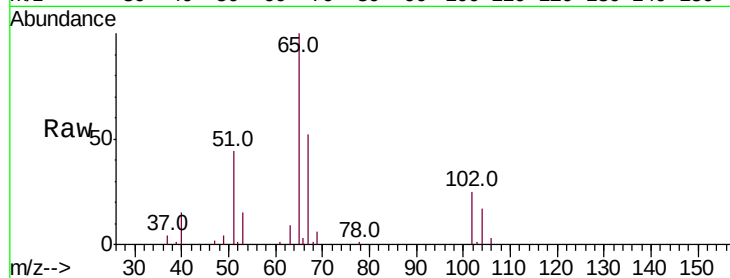
SB-19(13-14)RE

Tot Ion: 65 Resp: 198272

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.51

60000

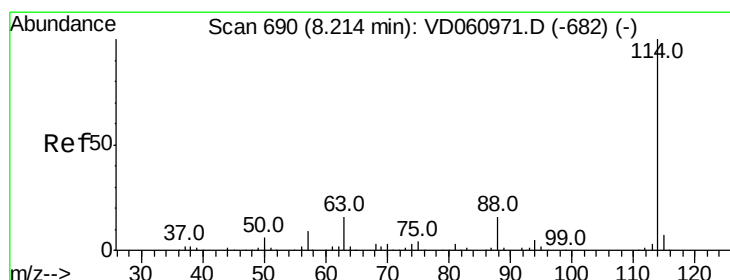
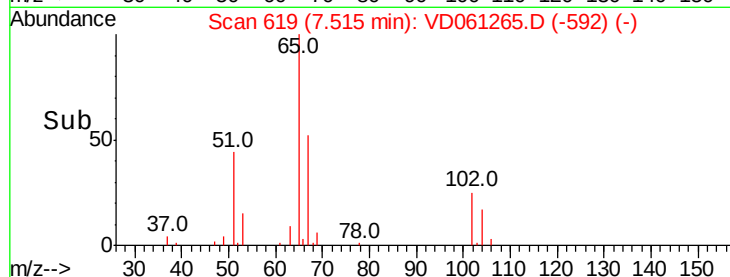
40000

20000

0

7.40 7.50 7.60 7.70

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.27 min Scan# 696

Delta R.T. 0.06 min

Lab File: VD061265.D

Acq: 22 Mar 2019 17:14

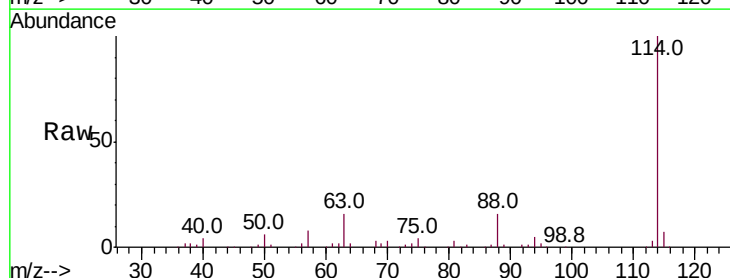
Tgt Ion:114 Resp: 730844

Ion Ratio Lower Upper

114 100

63 15.5 0.0 31.4

88 15.7 0.0 33.0



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

8.27

300000

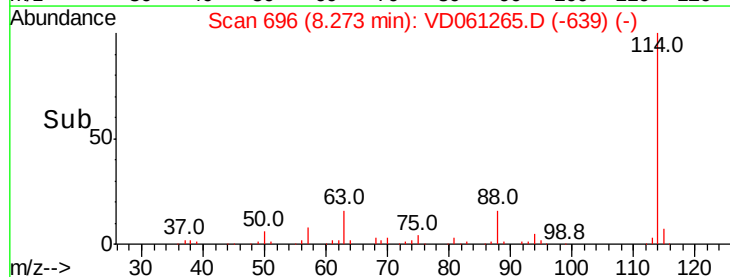
200000

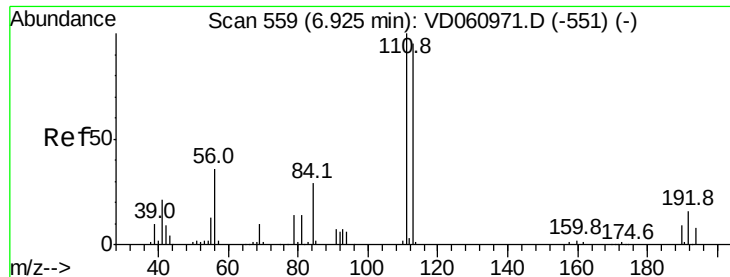
100000

0

8.20 8.40 8.60

Time-->

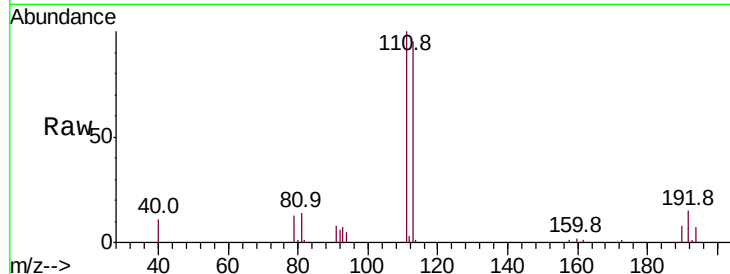




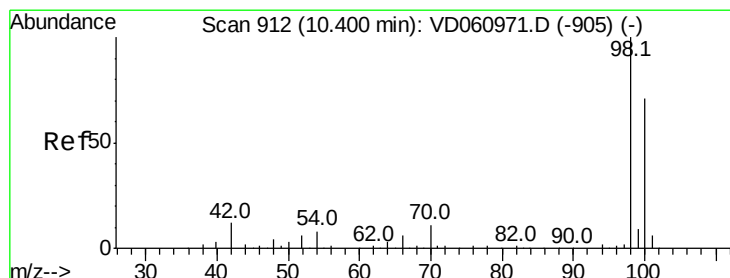
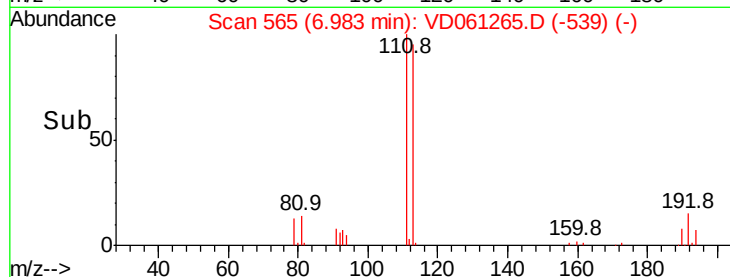
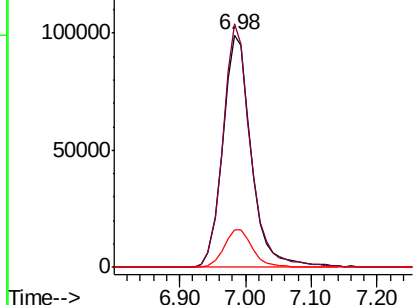
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.98 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VD061265.D
 Acq: 22 Mar 2019 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(13-14)RE

Tot Ion:113 Resp: 301888
 Ion Ratio Lower Upper
 113 100
 111 104.8 84.2 126.4
 192 16.1 13.1 19.7

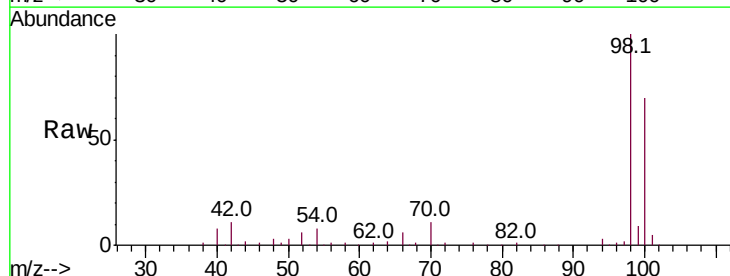


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

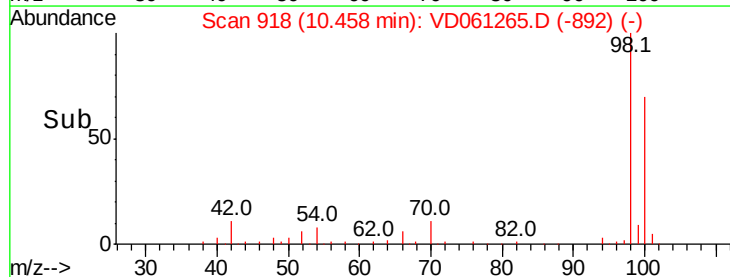
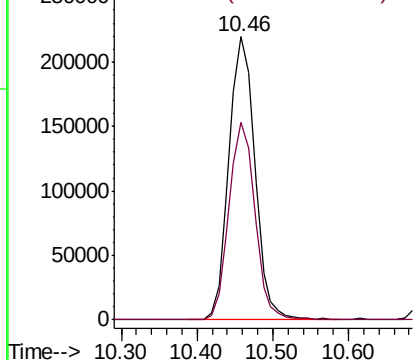


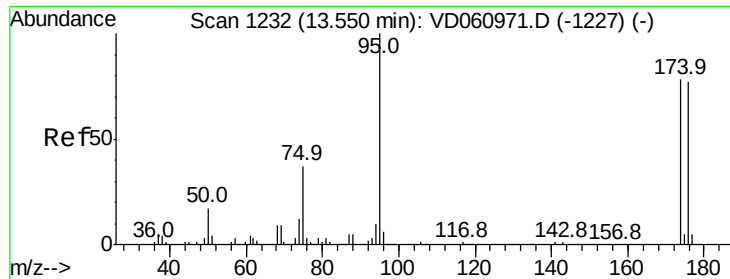
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.46 min Scan# 918
 Delta R.T. 0.06 min
 Lab File: VD061265.D
 Acq: 22 Mar 2019 17:14

Tgt Ion: 98 Resp: 522246
 Ion Ratio Lower Upper
 98 100
 100 69.8 57.4 86.2



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

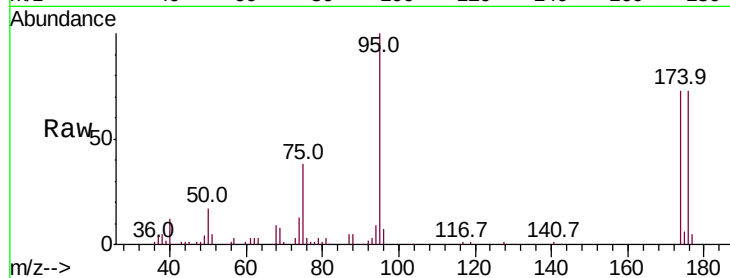




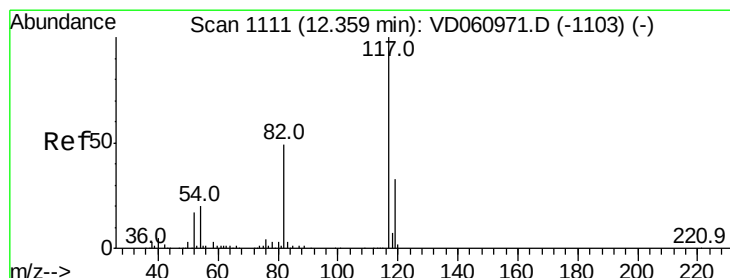
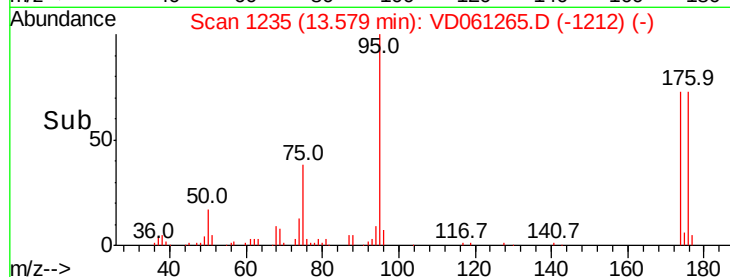
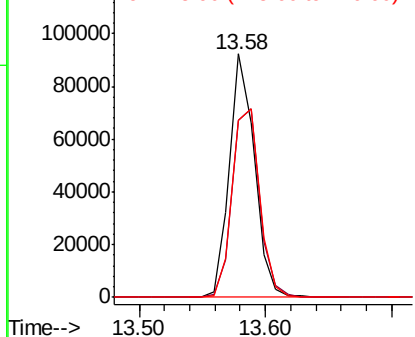
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.58 min Scan# 1235
Delta R.T. 0.03 min
Lab File: VD061265.D
Acq: 22 Mar 2019 17:14

Instrument :
MSVOA_D
ClientSampleId :
SB-19(13-14)RE

Tot Ion: 95 Resp: 126371
Ion Ratio Lower Upper
95 100
174 72.9 0.0 155.6
176 72.7 0.0 153.8

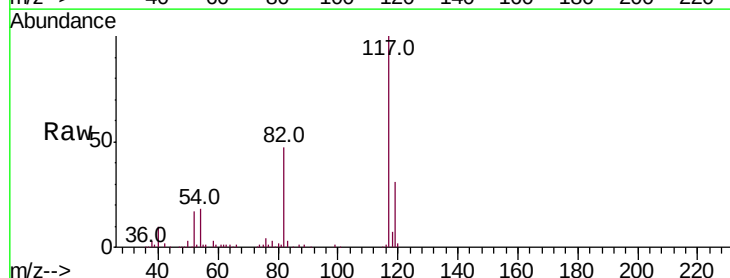


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

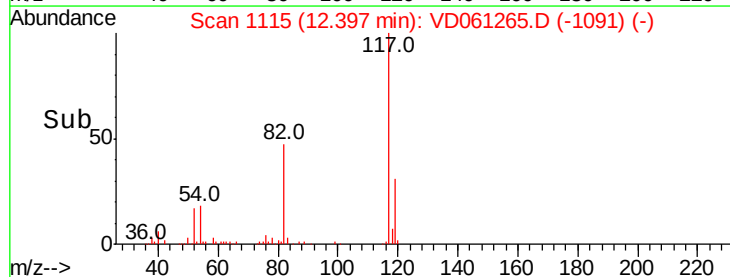
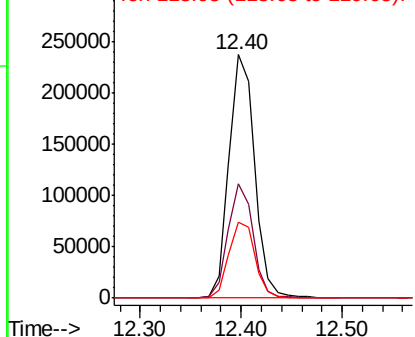


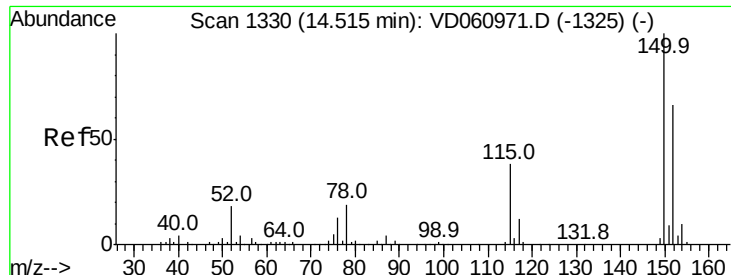
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD061265.D
Acq: 22 Mar 2019 17:14

Tgt Ion: 117 Resp: 417902
Ion Ratio Lower Upper
117 100
82 46.8 38.9 58.3
119 31.2 26.6 39.8



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

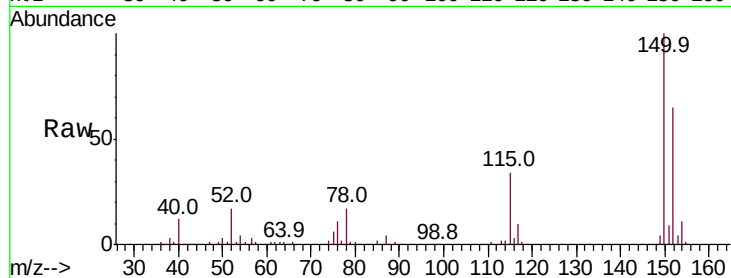




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.03 min
 Lab File: VD061265.D
 Acq: 22 Mar 2019 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19(13-14)RE

Tot Ion:152 Resp: 97404
 Ion Ratio Lower Upper
 152 100
 115 52.8 28.6 85.9
 150 153.9 0.0 310.6



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

