

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061066.D
 Acq On : 14 Mar 2019 15:54
 Operator : VA/AP
 Sample : K1901-02
 Misc : 3.94g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(12-13)

Quant Time: Mar 15 03:25:53 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

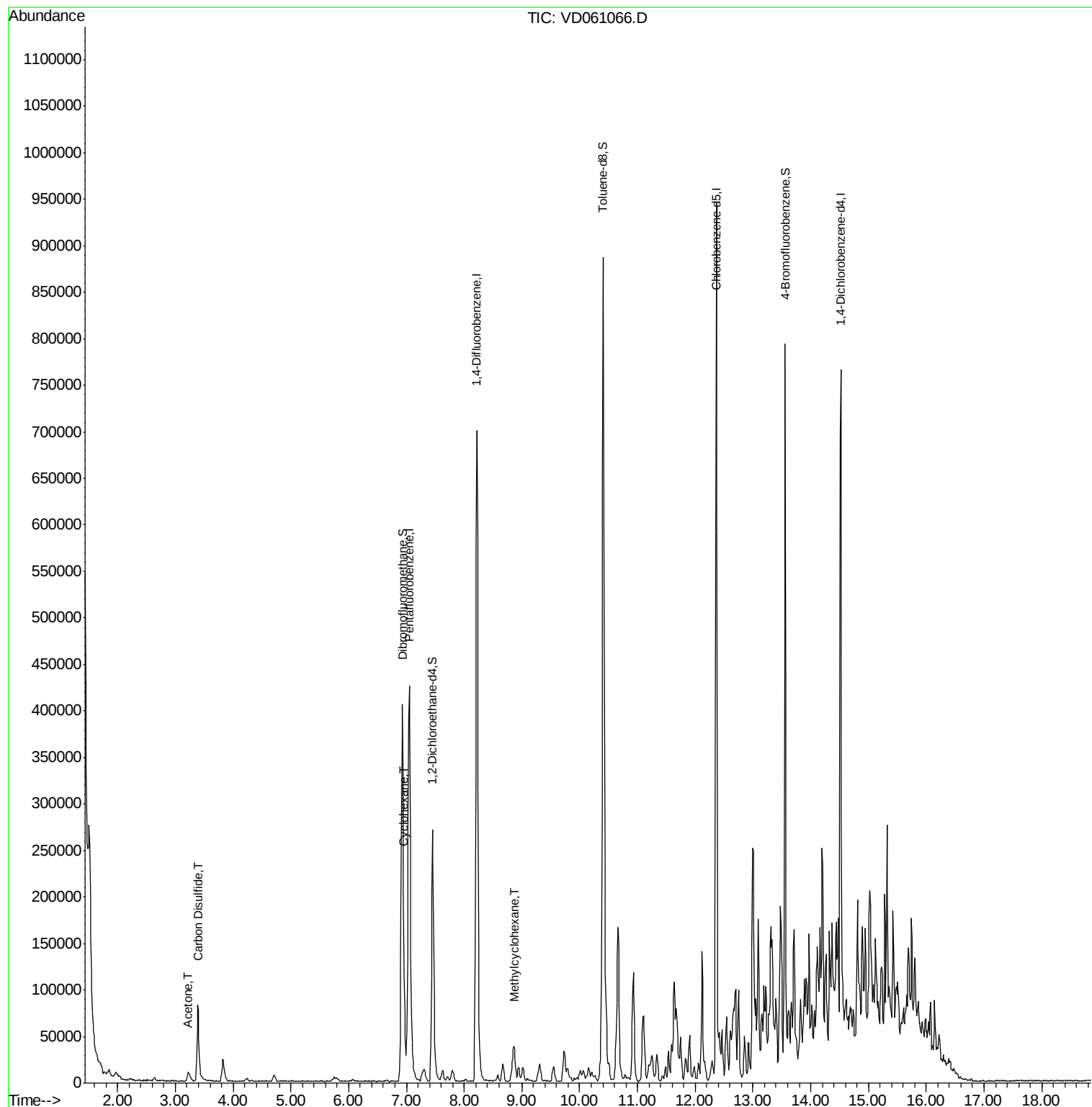
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	470461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	856094	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	572418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	169879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	246419	62.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.86%	
35) Dibromofluoromethane	6.93	113	382619	60.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.44%	
50) Toluene-d8	10.41	98	773082	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	13.56	95	227784	36.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.58%	
Target Compounds						
16) Acetone	3.22	43	19689	17.582	ug/l	91
17) Carbon Disulfide	3.39	76	163208	10.245	ug/l	100
31) Cyclohexane	6.96	56	19007	2.743	ug/l	85
39) Methylcyclohexane	8.87	83	21701	2.836	ug/l	98

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

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QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061066.D

Acq: 14 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

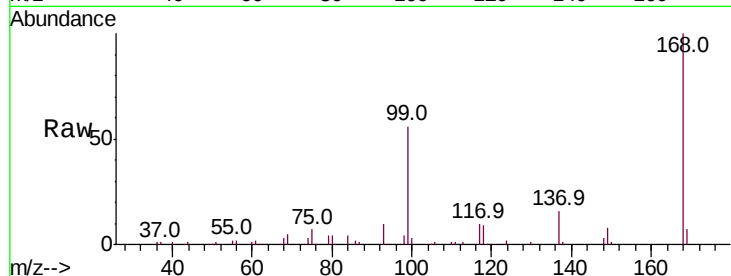
SB-1(12-13)

Tot Ion:168 Resp: 470461

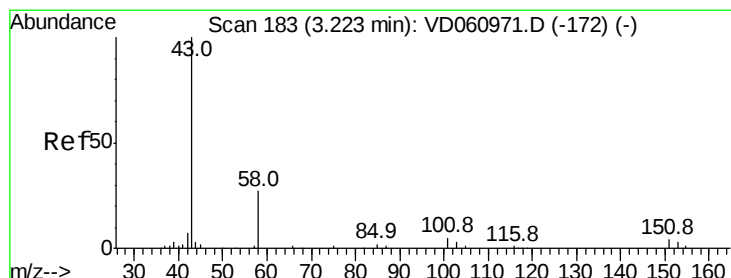
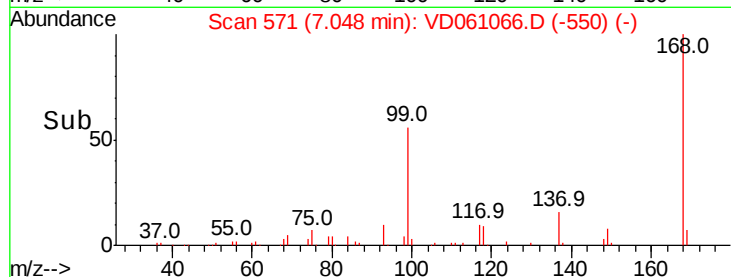
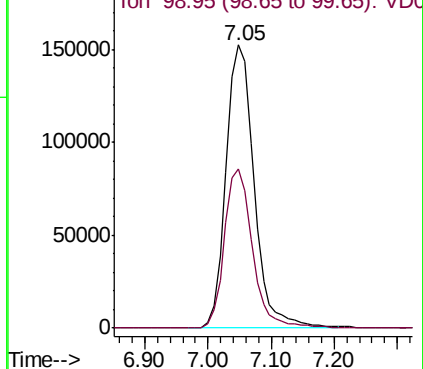
Ion Ratio Lower Upper

168 100

99 56.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 17.582 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061066.D

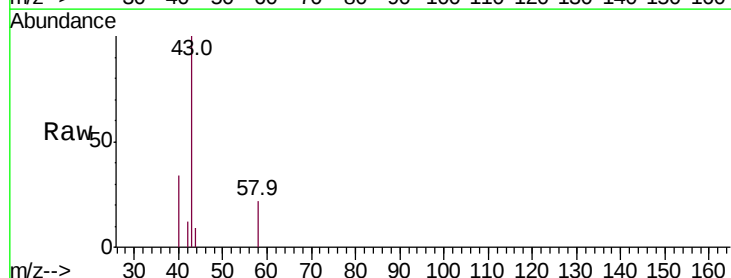
Acq: 14 Mar 2019 15:54

Tgt Ion: 43 Resp: 19689

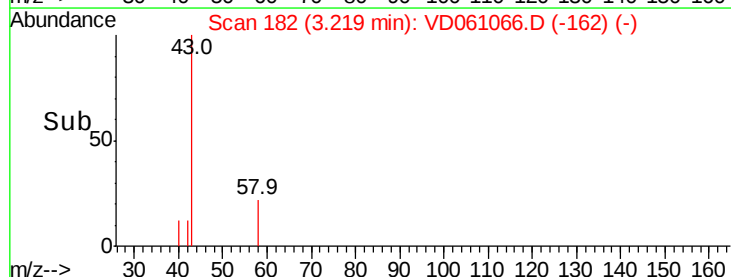
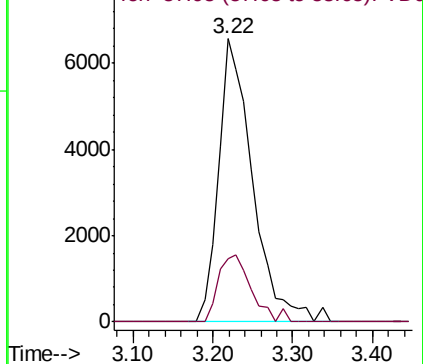
Ion Ratio Lower Upper

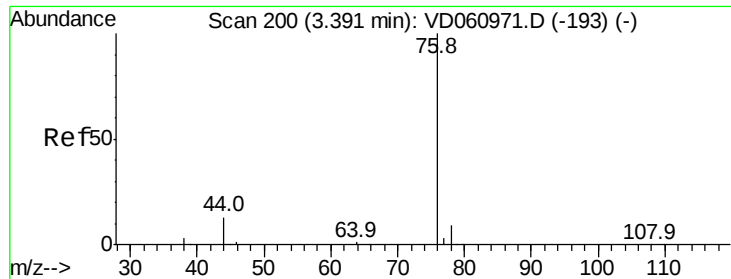
43 100

58 22.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC





#17

Carbon Disulfide

Concen: 10.245 ug/l

RT: 3.39 min Scan# 199

Delta R.T. -0.00 min

Lab File: VD061066.D

Acq: 14 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

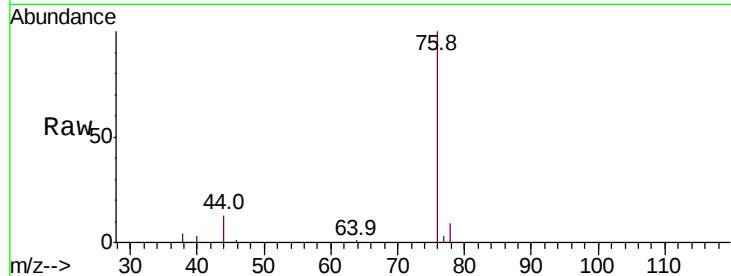
SB-1(12-13)

Tot Ion: 76 Resp: 163208

Ion Ratio Lower Upper

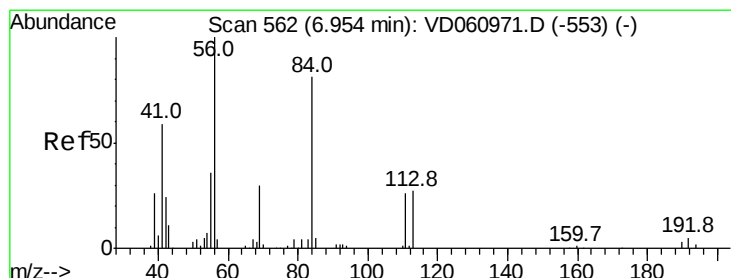
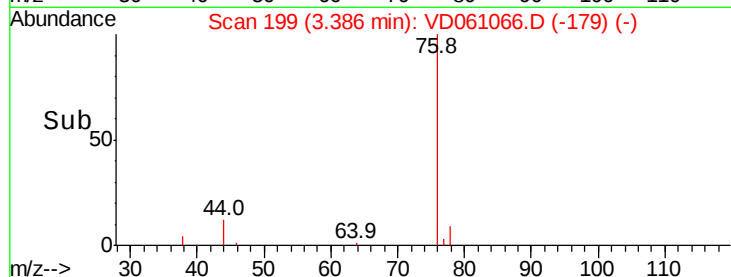
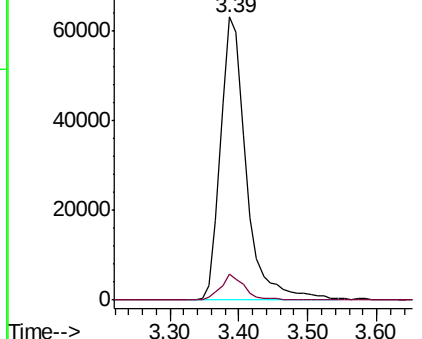
76 100

78 9.4 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#31

Cyclohexane

Concen: 2.743 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD061066.D

Acq: 14 Mar 2019 15:54

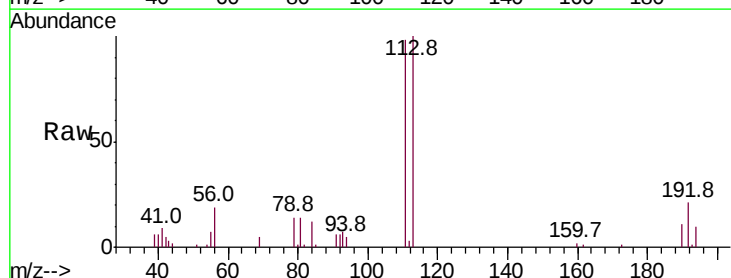
Tgt Ion: 56 Resp: 19007

Ion Ratio Lower Upper

56 100

69 25.6 24.0 36.0

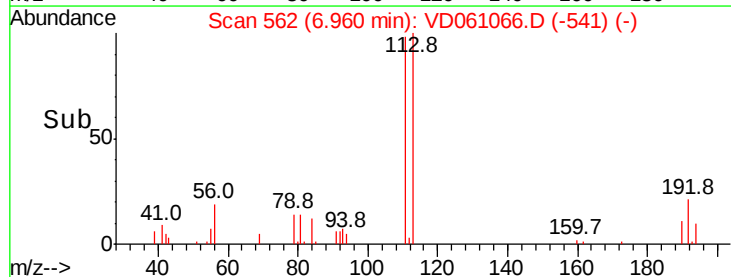
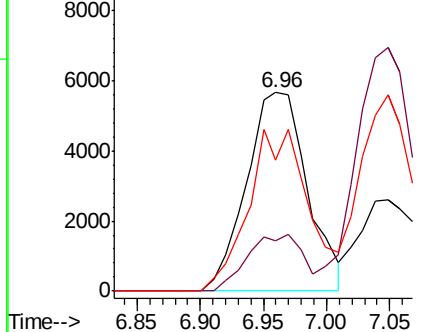
84 66.0 65.8 98.6

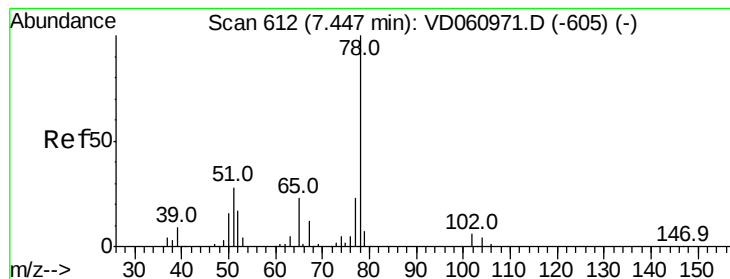


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061066.D

Acq: 14 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

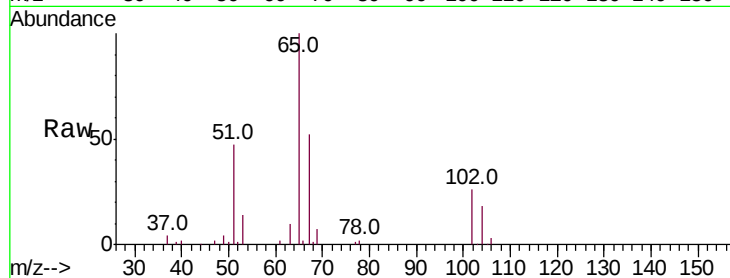
SB-1(12-13)

Tot Ion: 65 Resp: 246419

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

100000

80000

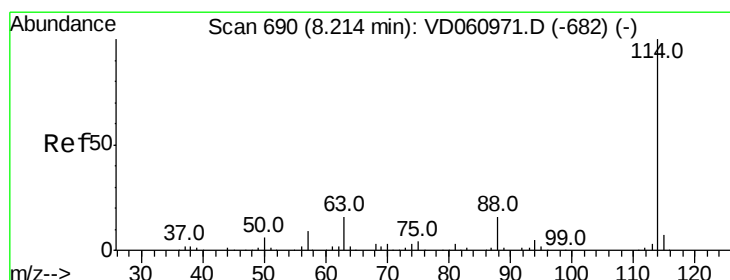
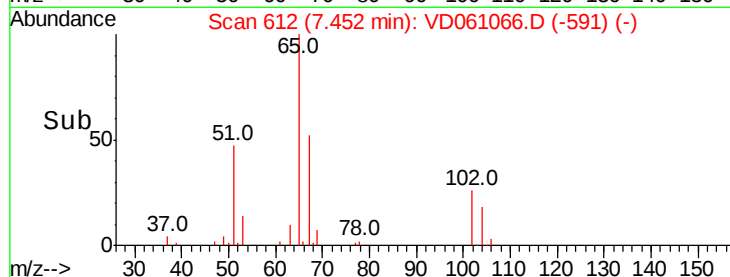
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD061066.D

Acq: 14 Mar 2019 15:54

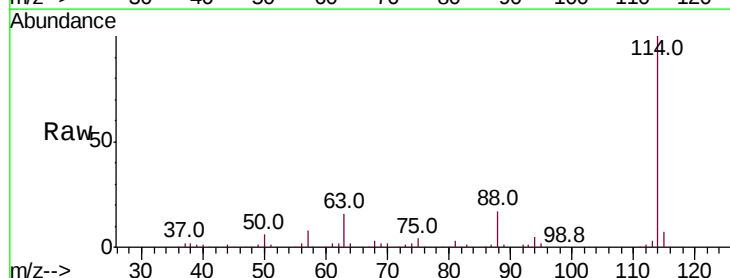
Tgt Ion:114 Resp: 856094

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

88 16.5 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

8.22

400000

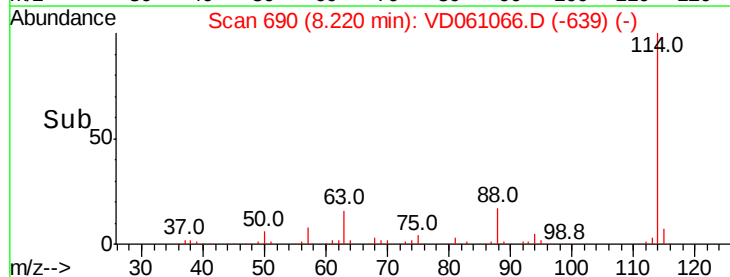
300000

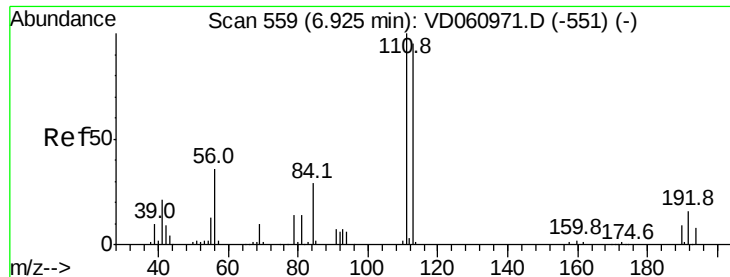
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD061066.D

Acq: 14 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

SB-1(12-13)

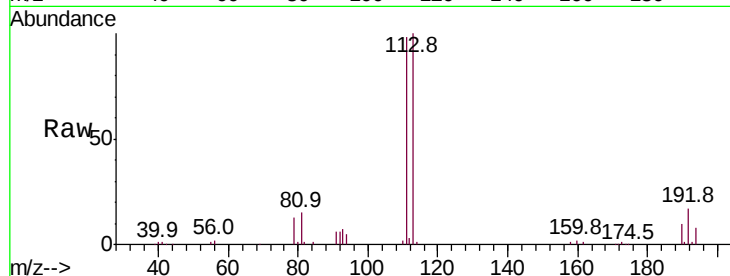
Tot Ion:113 Resp: 382619

Ion Ratio Lower Upper

113 100

111 97.5 84.2 126.4

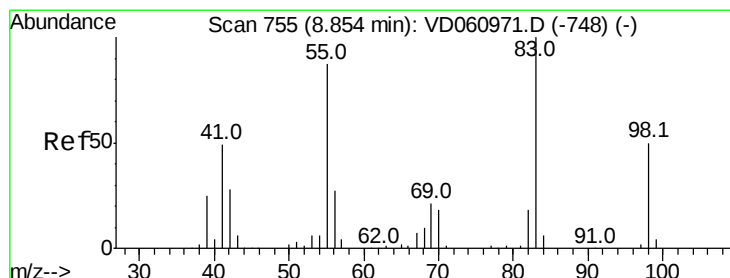
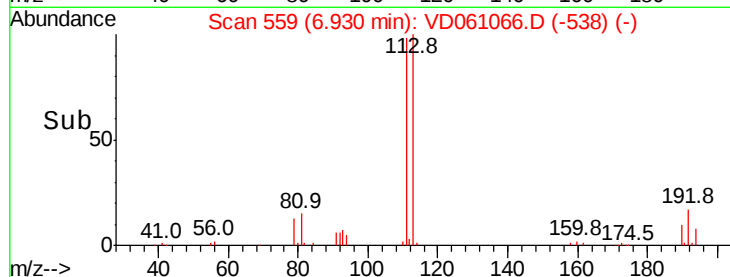
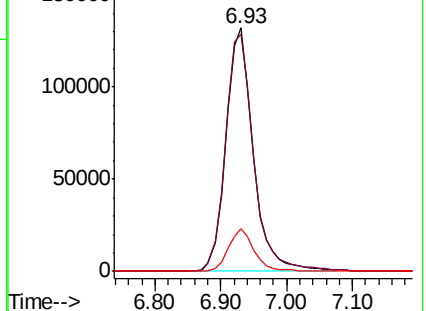
192 17.5 13.1 19.7



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



#39

Methylcyclohexane

Concen: 2.836 ug/l

RT: 8.87 min Scan# 756

Delta R.T. 0.02 min

Lab File: VD061066.D

Acq: 14 Mar 2019 15:54

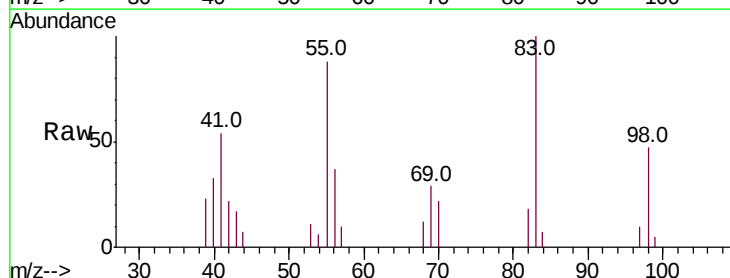
Tgt Ion: 83 Resp: 21701

Ion Ratio Lower Upper

83 100

55 88.1 69.6 104.4

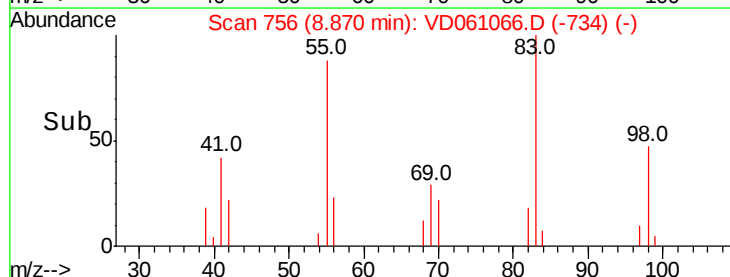
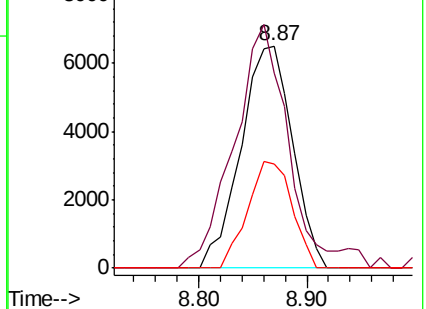
98 46.8 40.0 60.0

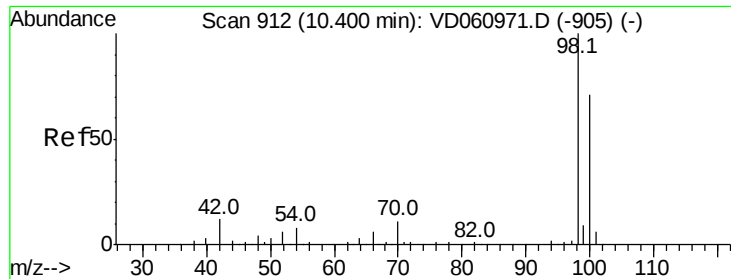


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

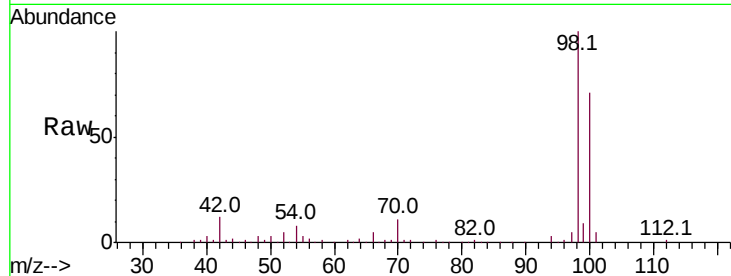




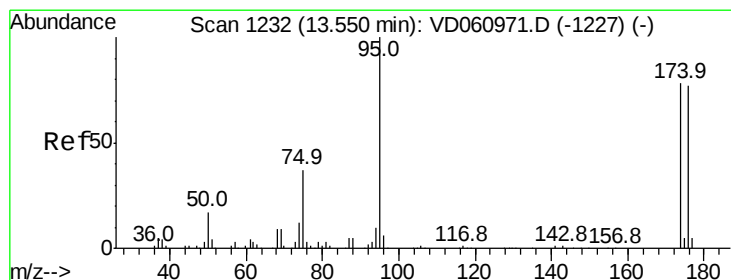
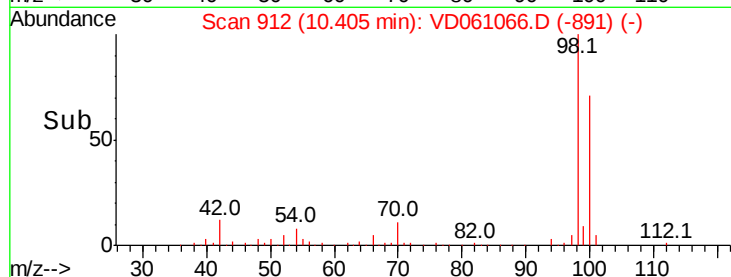
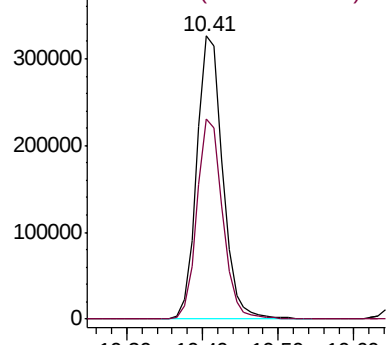
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061066.D
Acq: 14 Mar 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
SB-1(12-13)

Tot Ion: 98 Resp: 773082
Ion Ratio Lower Upper
98 100
100 70.6 57.4 86.2

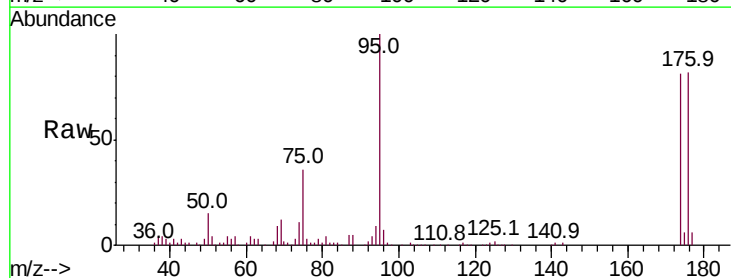


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

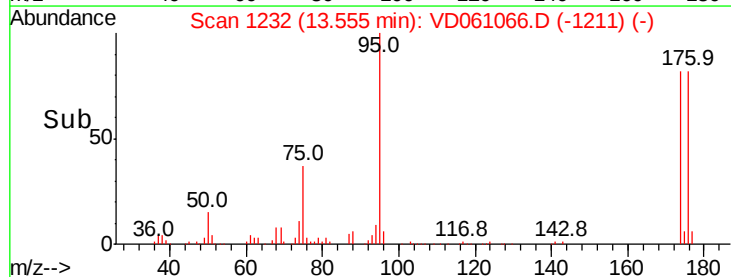
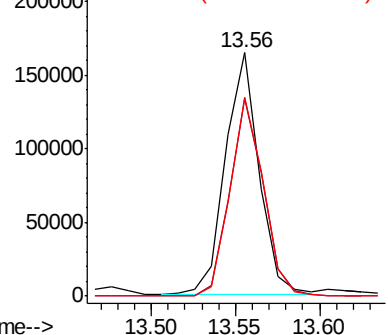


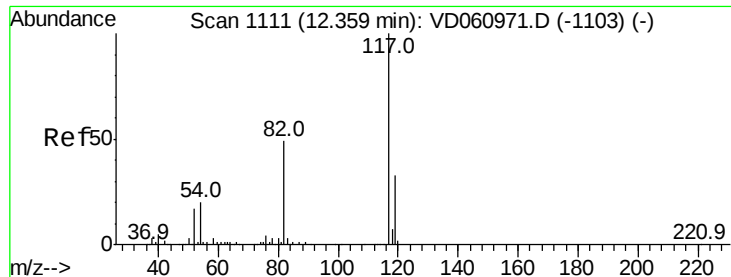
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061066.D
Acq: 14 Mar 2019 15:54

Tgt Ion: 95 Resp: 227784
Ion Ratio Lower Upper
95 100
174 81.1 0.0 155.6
176 81.5 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

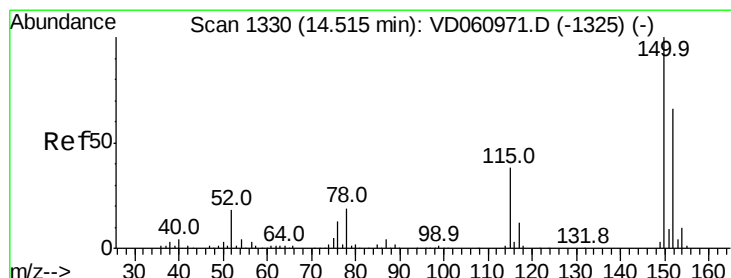
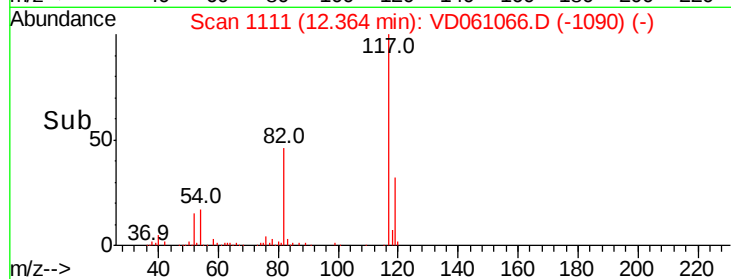
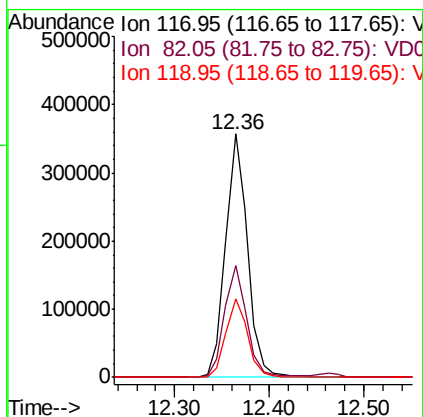
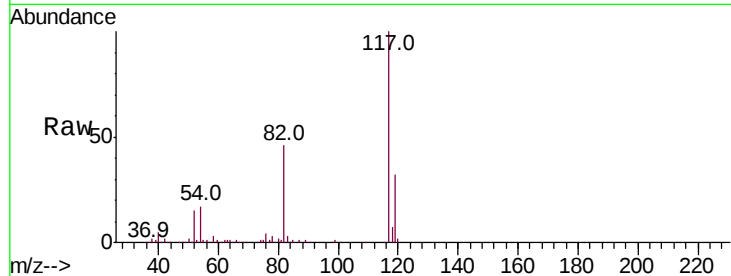




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061066.D
Acq: 14 Mar 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
SB-1(12-13)

Tot Ion:117 Resp: 572418
Ion Ratio Lower Upper
117 100
82 45.8 38.9 58.3
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061066.D
Acq: 14 Mar 2019 15:54

Tgt Ion:152 Resp: 169879
Ion Ratio Lower Upper
152 100
115 50.3 28.6 85.9
150 151.2 0.0 310.6

