

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061197.D
 Acq On : 19 Mar 2019 20:49
 Operator : VA/AP
 Sample : K1971-03
 Misc : 2.28g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9(1-2)-031519

Quant Time: Mar 20 02:27:02 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	7.04	168	506454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	840767	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	503046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	69988	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	267798	63.53	ug/l	0.00
Spiked Amount			Recovery	=	127.06%	
35) Dibromofluoromethane	6.91	113	415748	66.63	ug/l	-0.01
Spiked Amount			Recovery	=	133.26%	
50) Toluene-d8	10.40	98	778715	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	13.55	95	149551	24.60	ug/l	0.00
Spiked Amount			Recovery	=	49.20%	

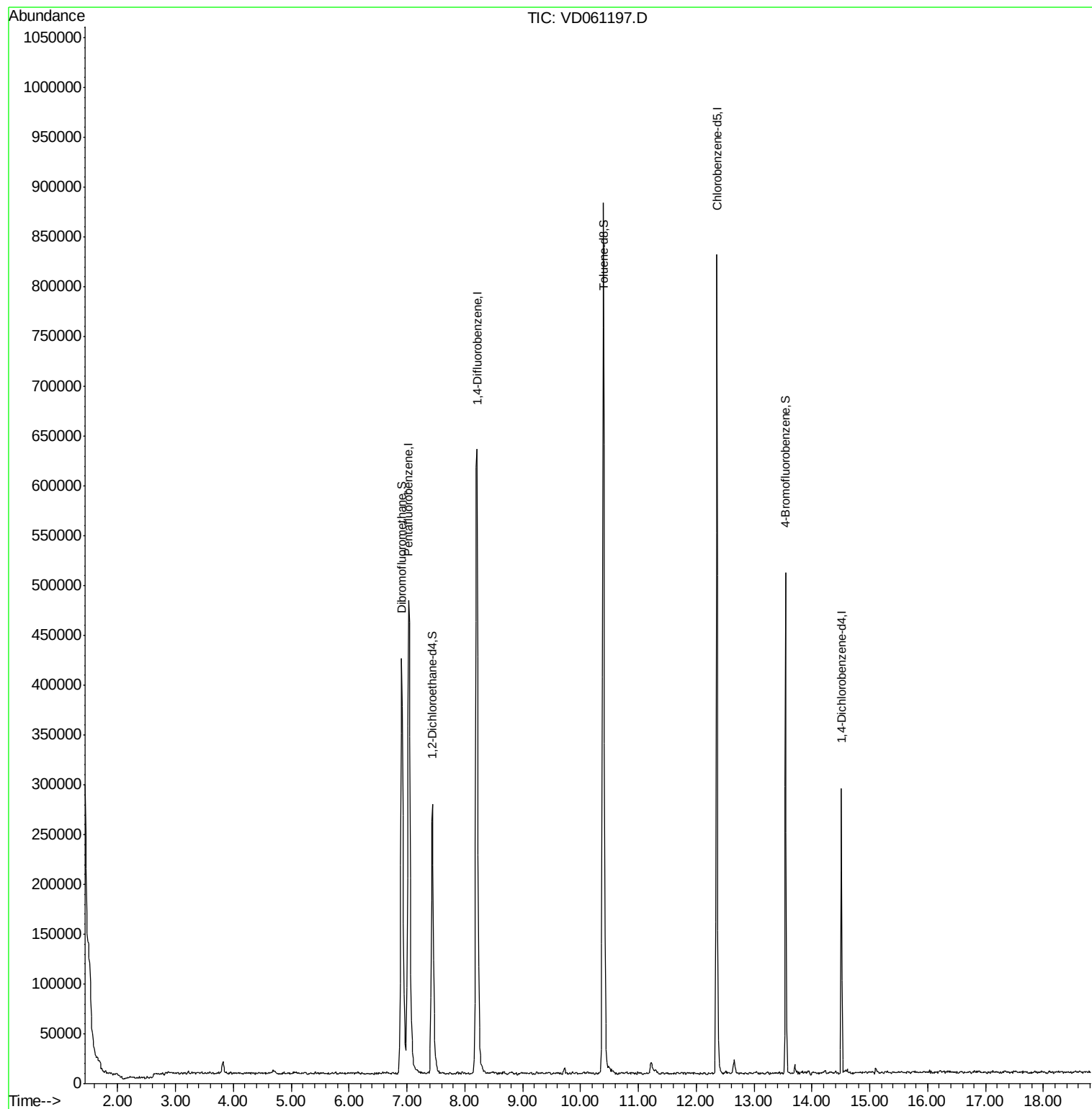
Target Compounds	Qvalue
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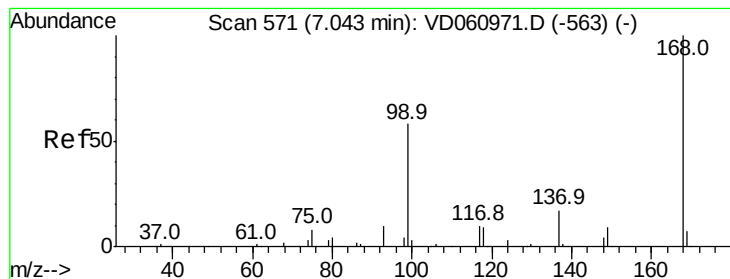
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061197.D

Acq: 19 Mar 2019 20:49

Instrument :

MSVOA_D

ClientSampleId :

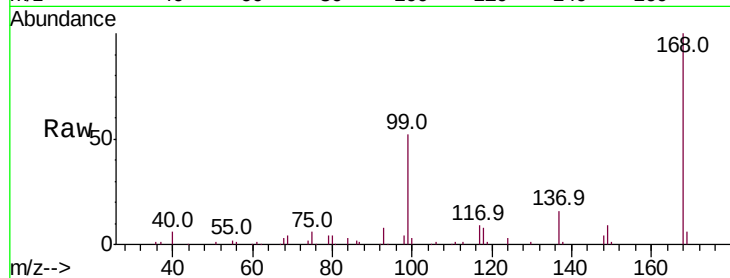
SB-9(1-2)-031519

Tot Ion:168 Resp: 506454

Ion Ratio Lower Upper

168 100

99 51.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

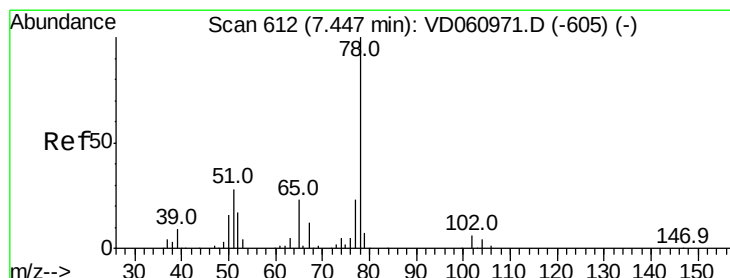
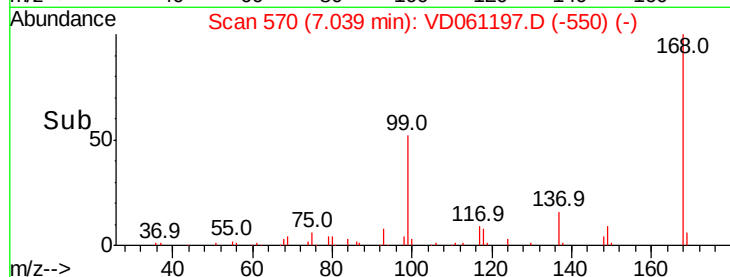
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD061197.D

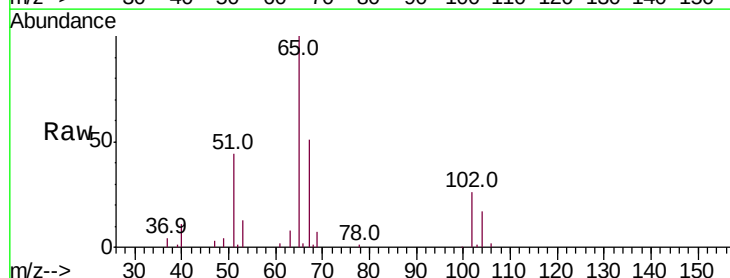
Acq: 19 Mar 2019 20:49

Tgt Ion: 65 Resp: 267798

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

100000

80000

60000

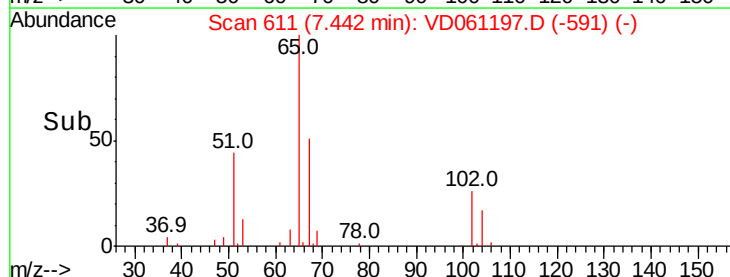
40000

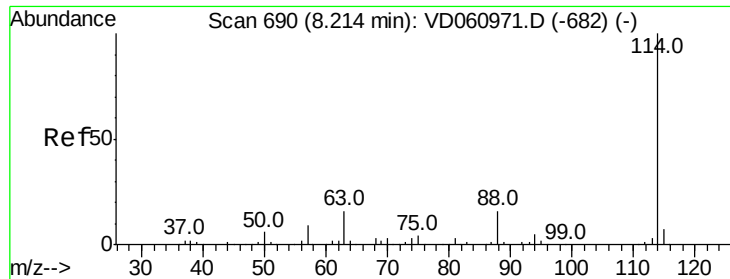
20000

0

Time-->

7.30 7.40 7.50 7.60

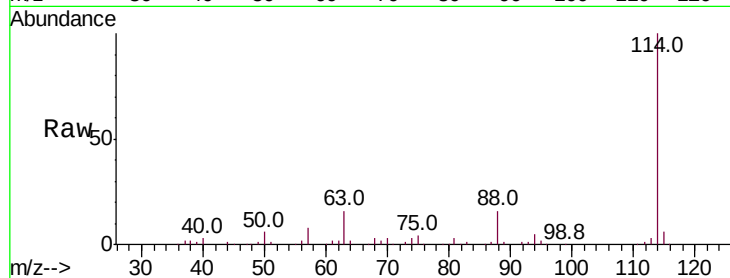




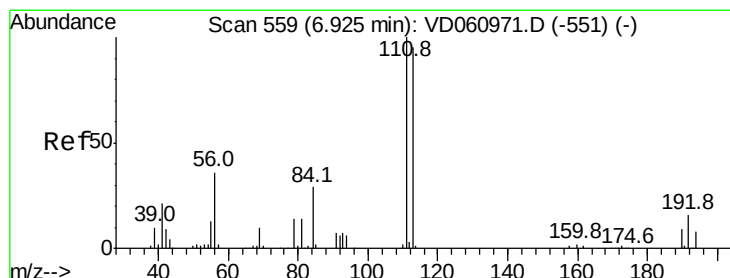
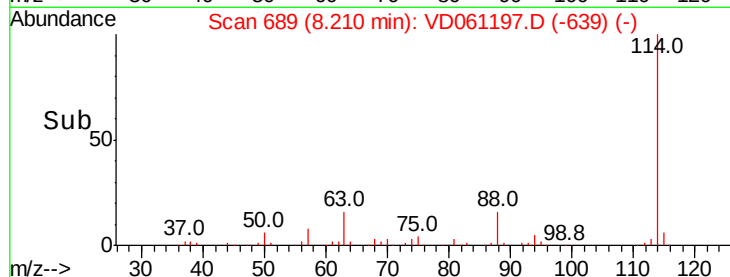
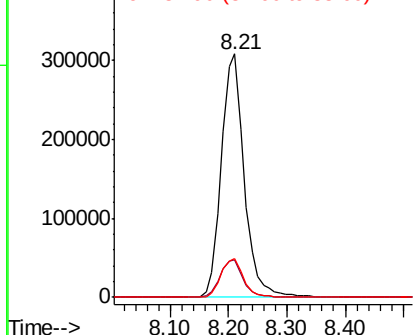
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061197.D
 Acq: 19 Mar 2019 20:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-9(1-2)-031519

Tot Ion:114 Resp: 840767
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 15.8 0.0 33.0

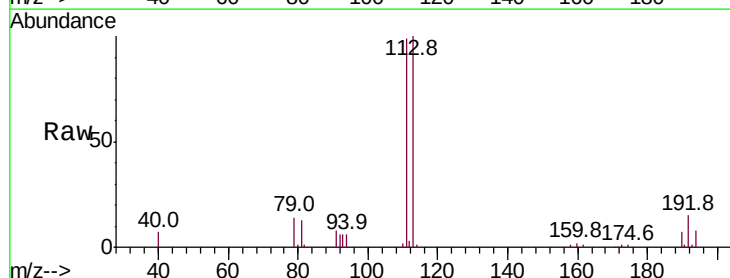


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

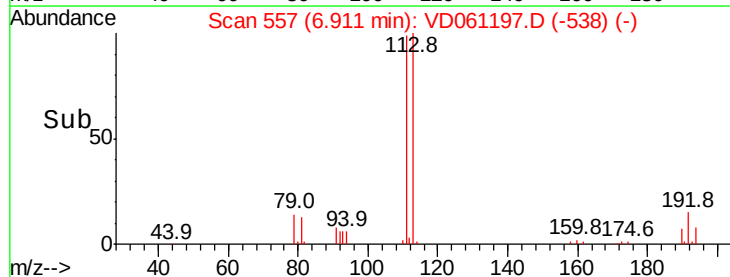
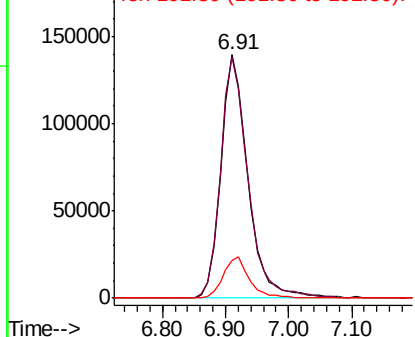


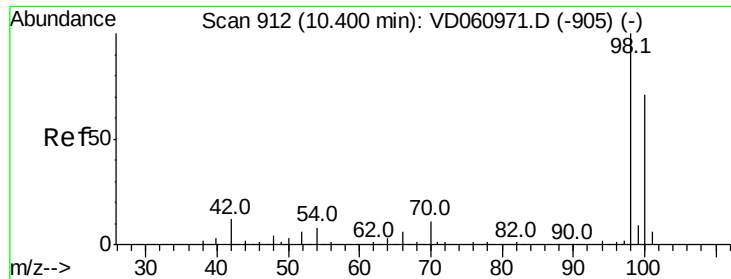
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061197.D
 Acq: 19 Mar 2019 20:49

Tgt Ion:113 Resp: 415748
 Ion Ratio Lower Upper
 113 100
 111 99.0 84.2 126.4
 192 15.2 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: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD061197.D

Acq: 19 Mar 2019 20:49

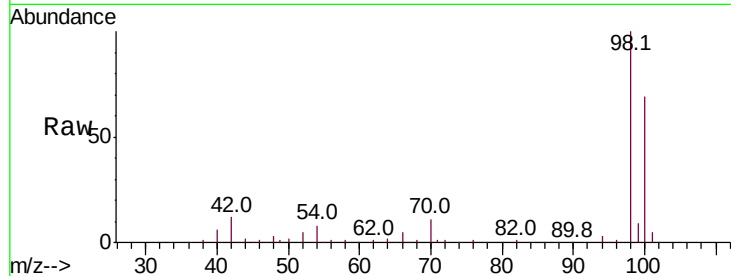
Instrument :
MSVOA_D
ClientSampleId :
SB-9(1-2)-031519

Tot Ion: 98 Resp: 778715

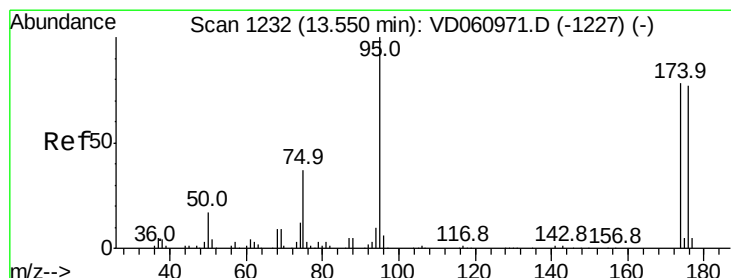
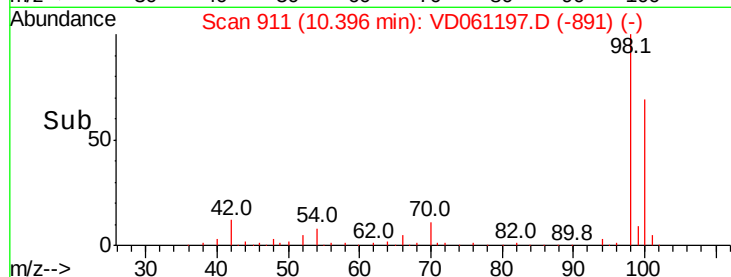
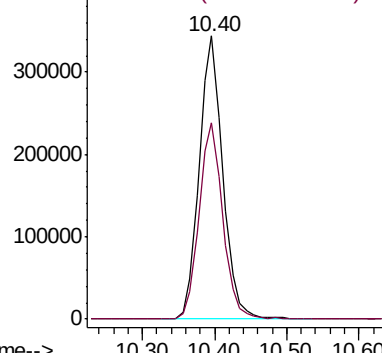
Ion Ratio Lower Upper

98 100

100 69.4 57.4 86.2



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



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD061197.D

Acq: 19 Mar 2019 20:49

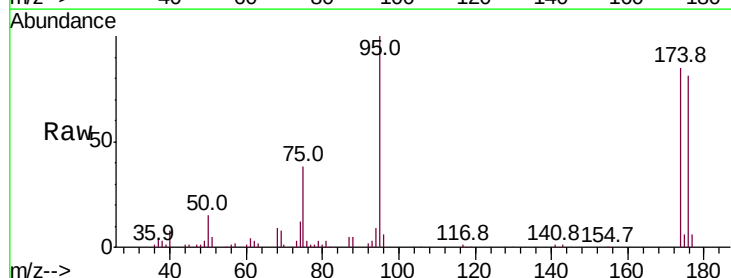
Tgt Ion: 95 Resp: 149551

Ion Ratio Lower Upper

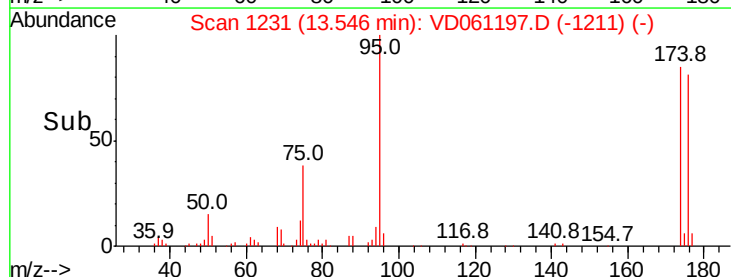
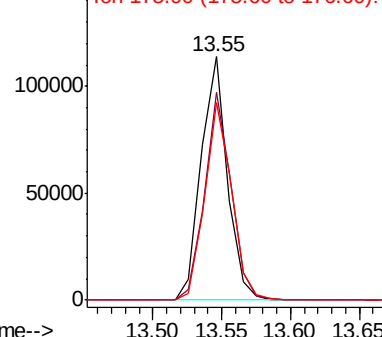
95 100

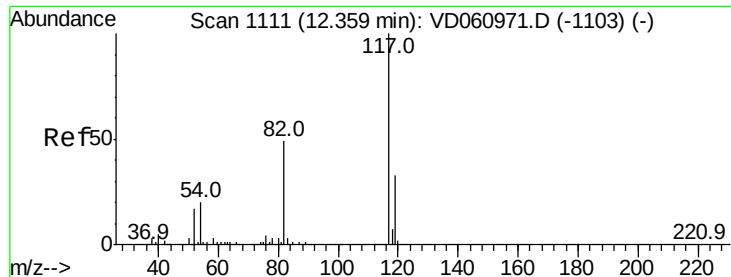
174 85.4 0.0 155.6

176 81.2 0.0 153.8



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

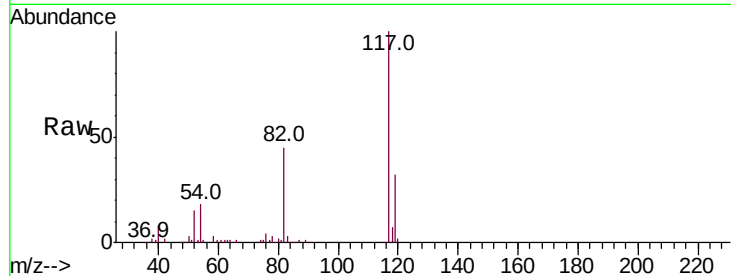




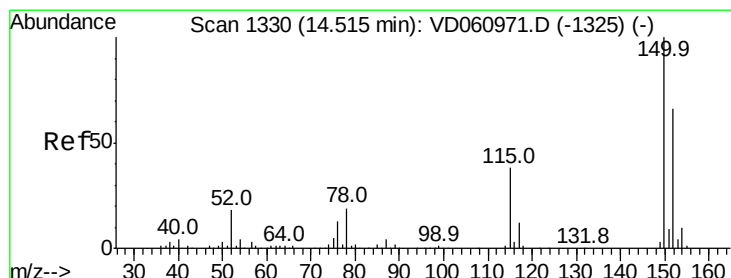
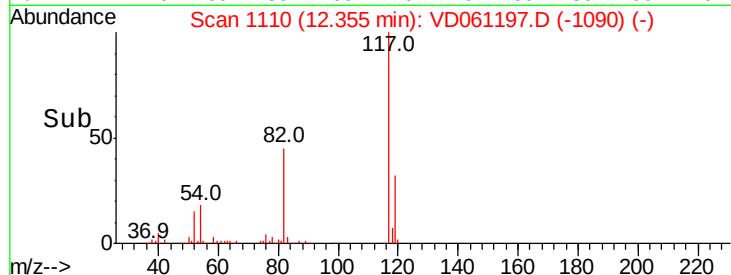
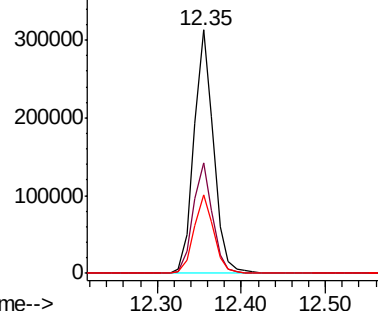
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061197.D
Acq: 19 Mar 2019 20:49

Instrument :
MSVOA_D
ClientSampleId :
SB-9(1-2)-031519

Tot Ion	Ratio	Lower	Upper
117	100		
82	45.3	38.9	58.3
119	32.2	26.6	39.8

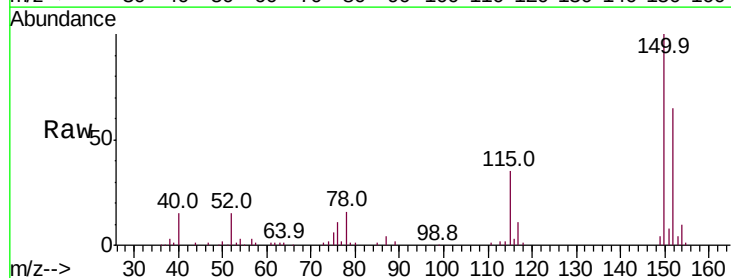


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061197.D
Acq: 19 Mar 2019 20:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	28.6	85.9
150	152.7	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

