

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061291.D
 Acq On : 23 Mar 2019 20:05
 Operator : VA/AP
 Sample : K2056-03
 Misc : 4.18g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-9

Quant Time: Mar 25 06:06:12 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

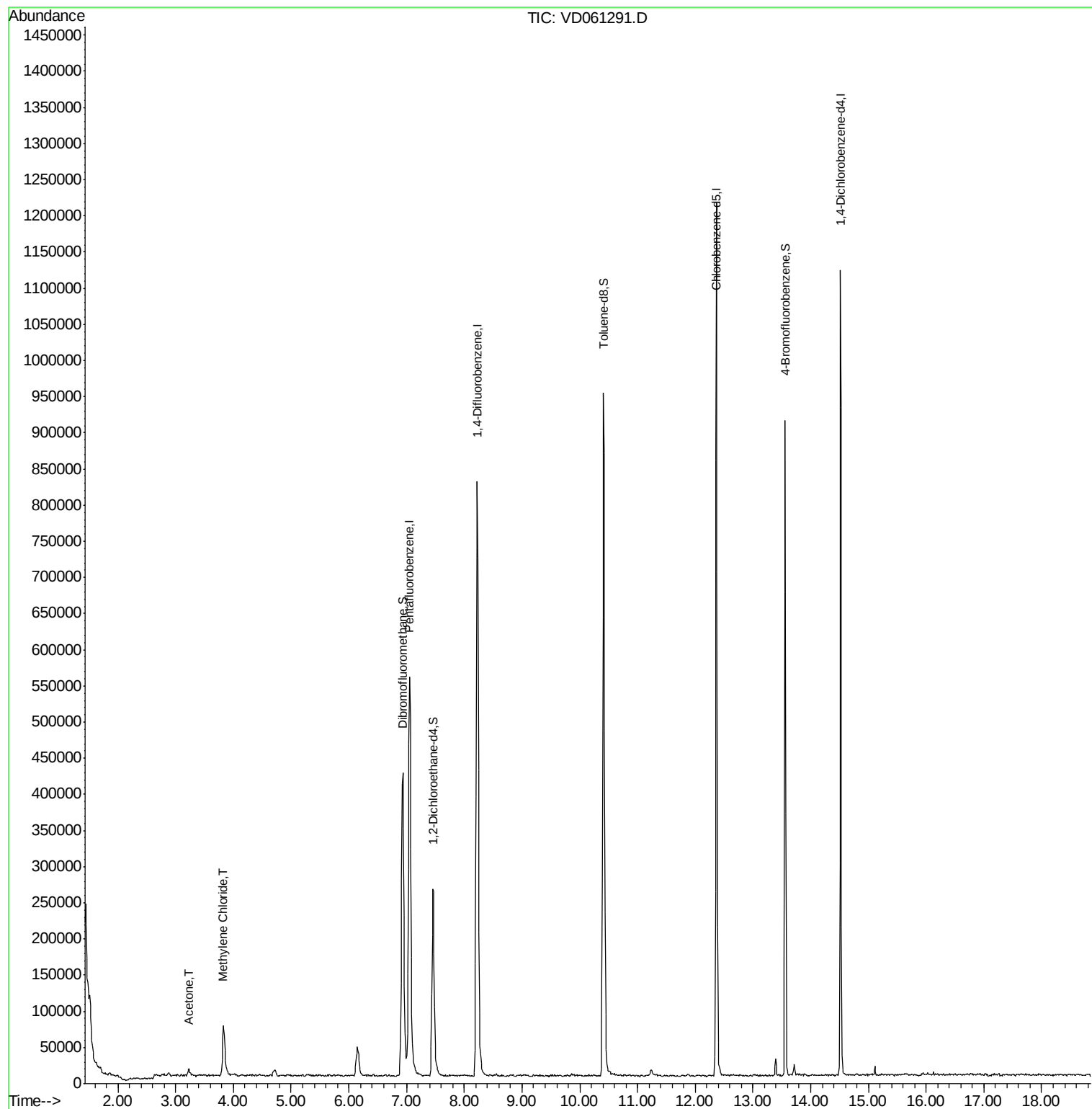
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	570824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1063565	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	738595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	272340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	265619	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
35) Dibromofluoromethane	6.93	113	419015	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	10.41	98	840940	42.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.86%	
62) 4-Bromofluorobenzene	13.56	95	288661	37.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.06%	
Target Compounds						
16) Acetone	3.23	43	17794	13.096	ug/l	98
20) Methylene Chloride	3.82	84	56116	4.846	ug/l	97

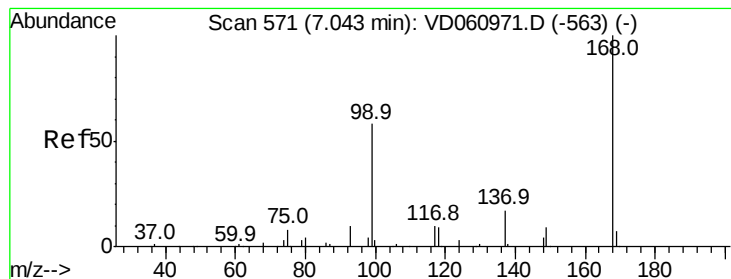
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 572

Delta R.T. 0.01 min

Lab File: VD061291.D

Acq: 23 Mar 2019 20:05

Instrument :

MSVOA_D

ClientSampled :

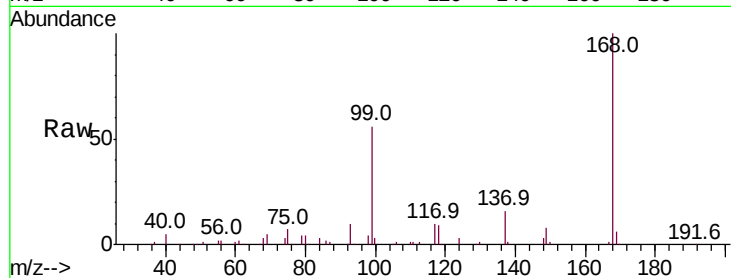
CS-9

Tot Ion:168 Resp: 570824

Ion Ratio Lower Upper

168 100

99 55.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

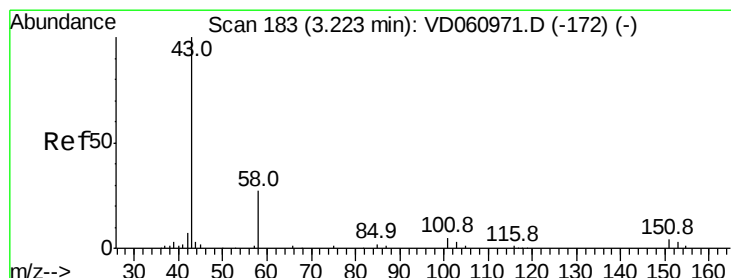
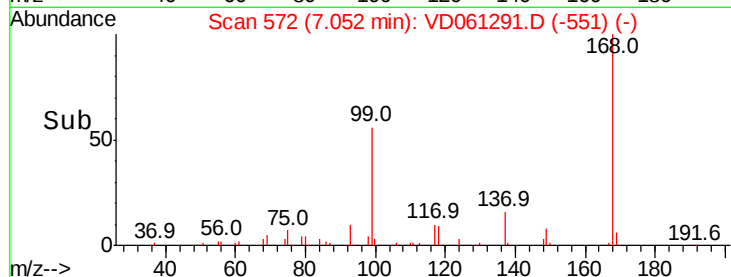
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 13.096 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061291.D

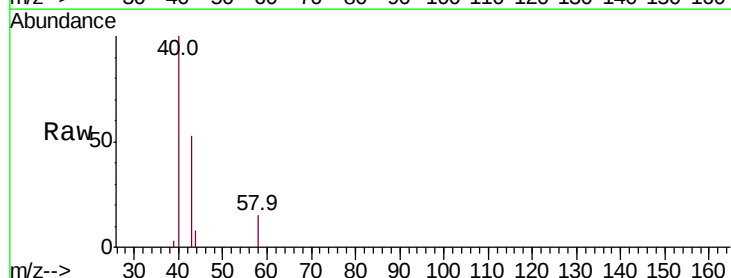
Acq: 23 Mar 2019 20:05

Tgt Ion: 43 Resp: 17794

Ion Ratio Lower Upper

43 100

58 28.2 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

6000

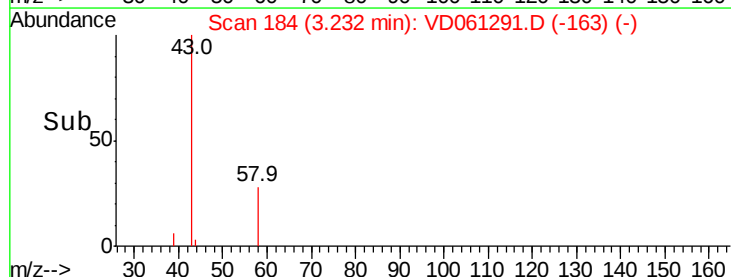
4000

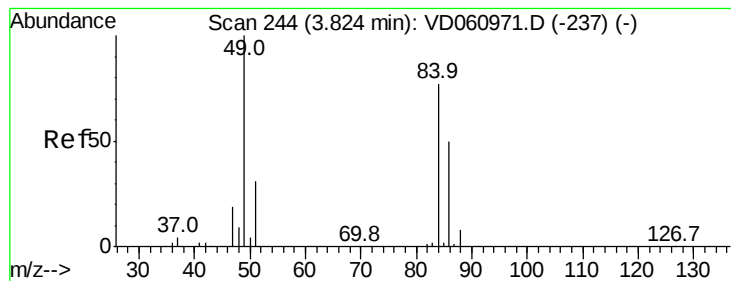
2000

0

3.10 3.20 3.30

Time-->





#20

Methylene Chloride

Concen: 4.846 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061291.D

Acq: 23 Mar 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

CS-9

Tot Ion: 84 Resp: 56116

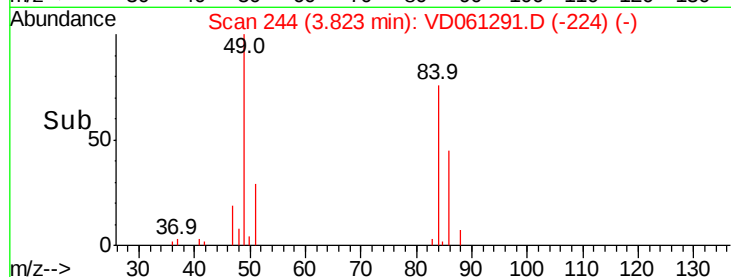
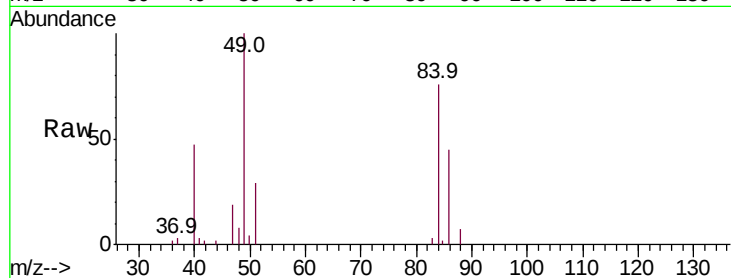
Ion Ratio Lower Upper

84 100

49 131.2 104.2 156.2

51 37.8 32.3 48.5

86 59.6 52.3 78.5

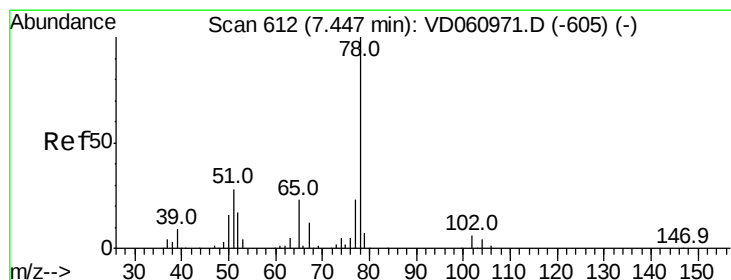
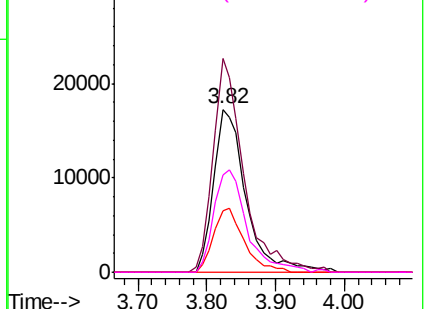


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061291.D

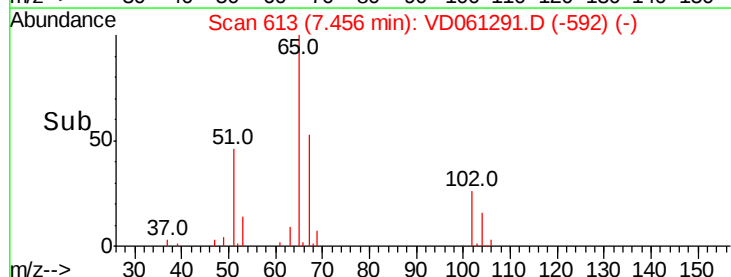
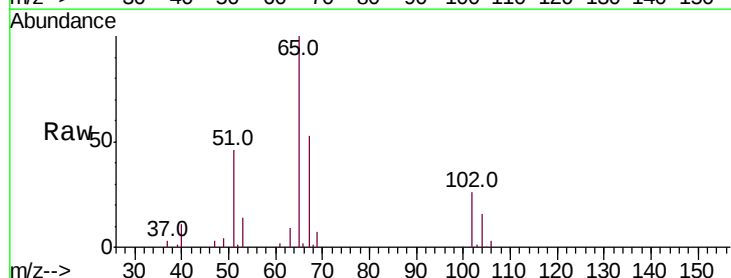
Acq: 23 Mar 2019 20:05

Tgt Ion: 65 Resp: 265619

Ion Ratio Lower Upper

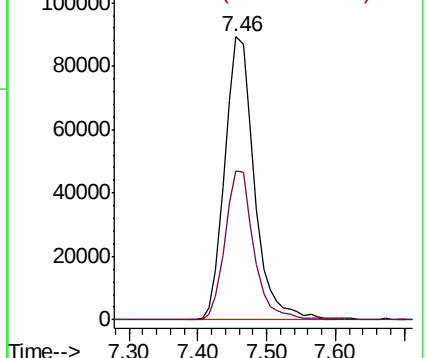
65 100

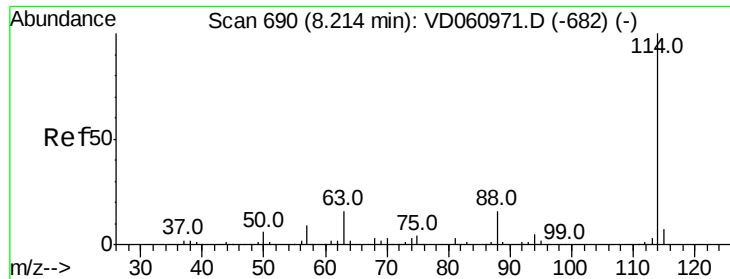
67 52.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

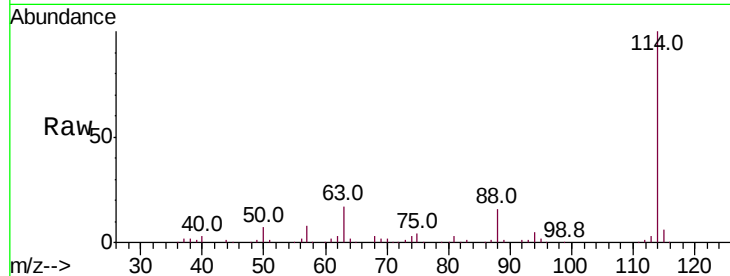




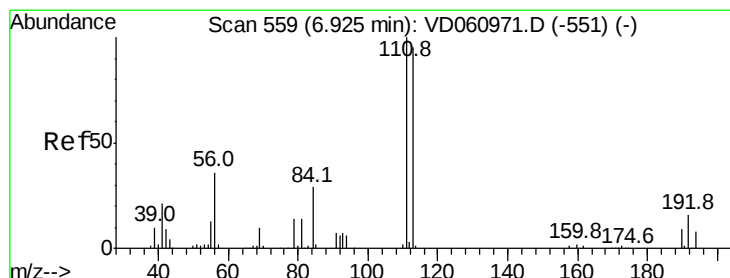
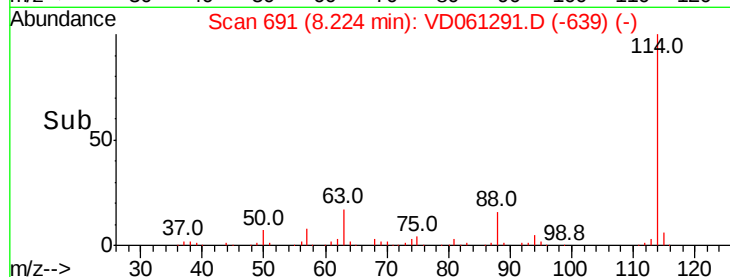
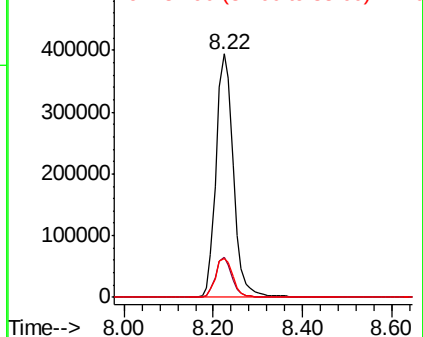
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD061291.D
Acq: 23 Mar 2019 20:05

Instrument :
MSVOA_D
ClientSampled :
CS-9

Tot Ion:114 Resp: 1063565
Ion Ratio Lower Upper
114 100
63 16.6 0.0 31.4
88 16.1 0.0 33.0

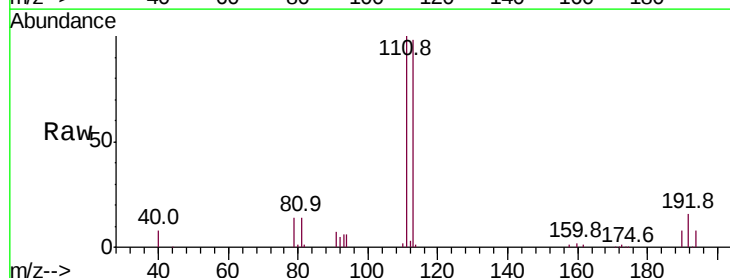


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

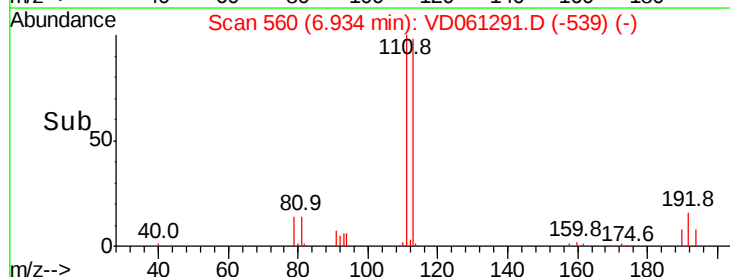
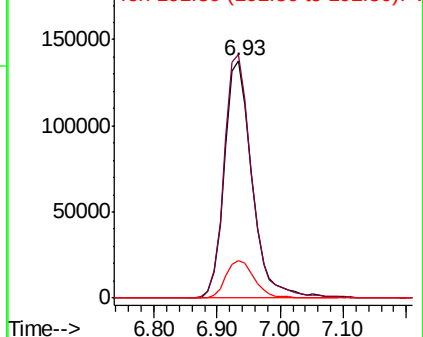


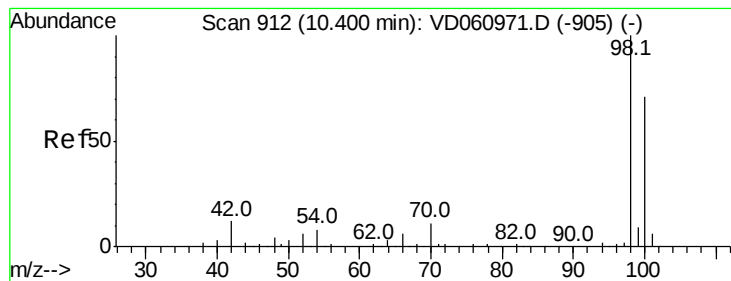
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD061291.D
Acq: 23 Mar 2019 20:05

Tgt Ion:113 Resp: 419015
Ion Ratio Lower Upper
113 100
111 102.5 84.2 126.4
192 16.0 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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061291.D

Acq: 23 Mar 2019 20:05

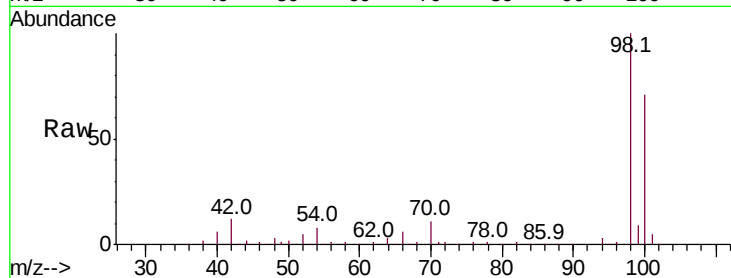
Instrument :
MSVOA_D
ClientSampleId :
CS-9

Tot Ion: 98 Resp: 840940

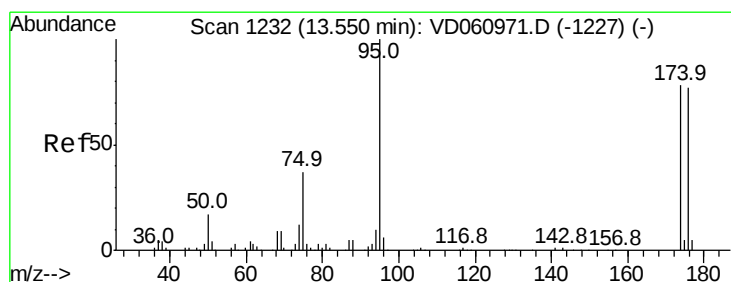
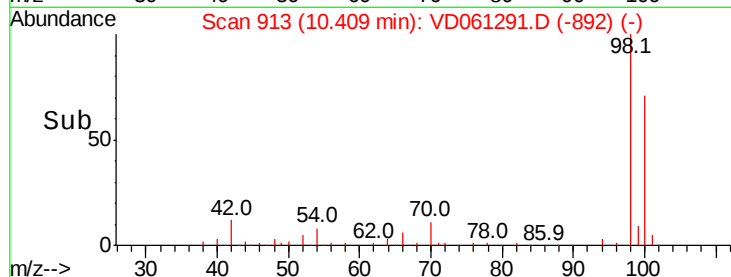
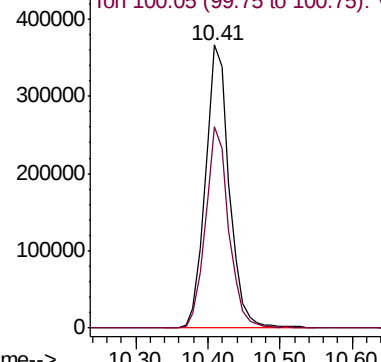
Ion Ratio Lower Upper

98 100

100 71.3 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: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061291.D

Acq: 23 Mar 2019 20:05

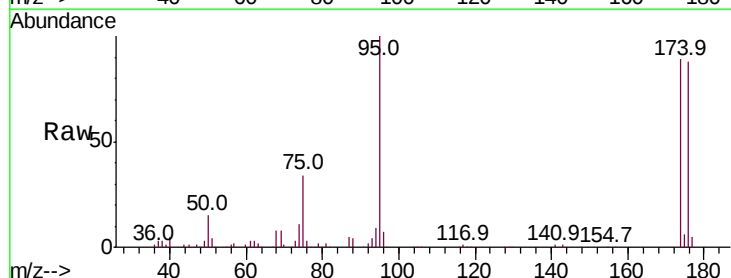
Tgt Ion: 95 Resp: 288661

Ion Ratio Lower Upper

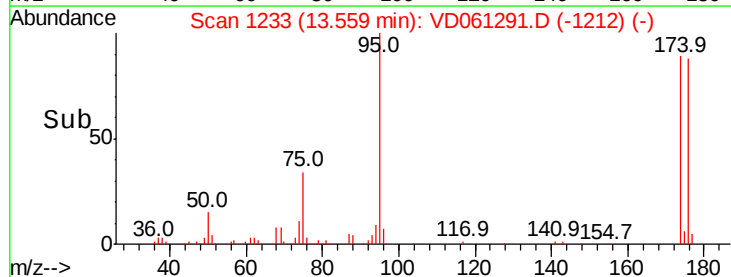
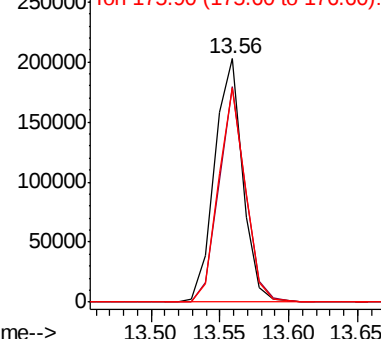
95 100

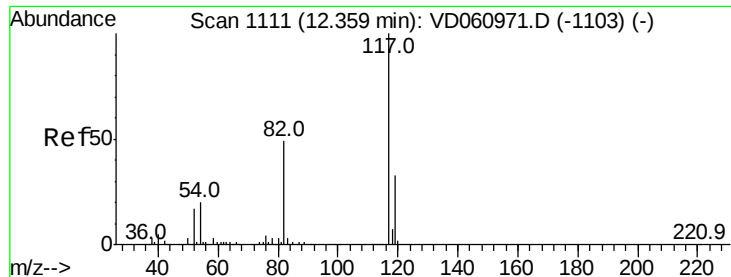
174 88.6 0.0 155.6

176 88.0 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

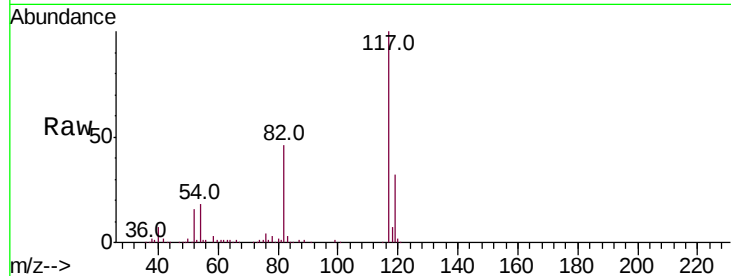




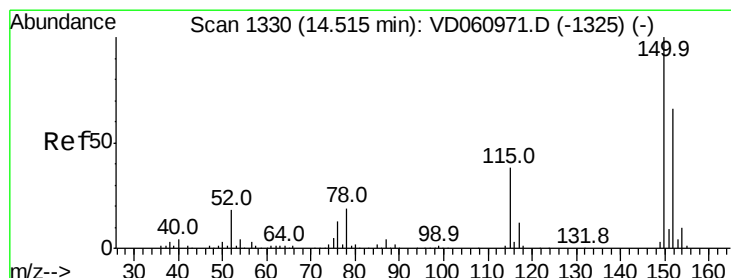
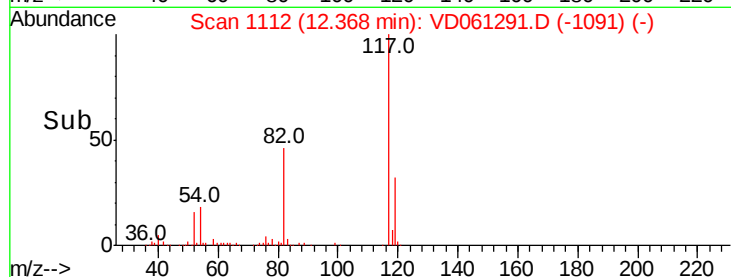
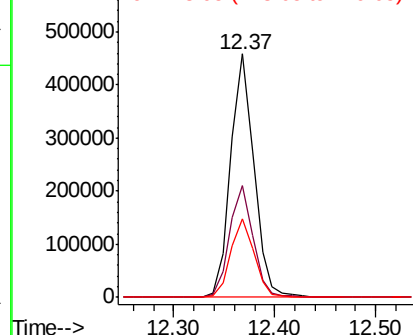
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061291.D
Acq: 23 Mar 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
CS-9

Tot Ion:117 Resp: 738595
Ion Ratio Lower Upper
117 100
82 45.8 38.9 58.3
119 32.1 26.6 39.8

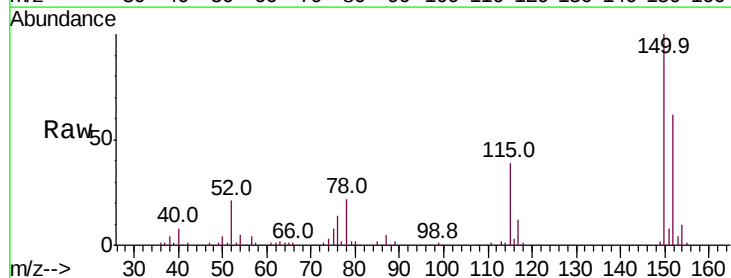


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061291.D
Acq: 23 Mar 2019 20:05

Tgt Ion:152 Resp: 272340
Ion Ratio Lower Upper
152 100
115 63.2 28.6 85.9
150 161.9 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

