

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065193.D
 Acq On : 17 Feb 2020 13:31
 Operator : VA/SY
 Sample : VD0217SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0217SBL01

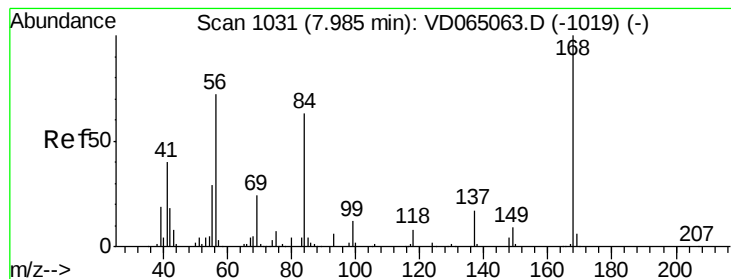
Quant Time: Feb 18 03:31:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	407659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	644530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	582936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256132	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	205527	59.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.64%	
35) Dibromofluoromethane	7.92	113	209493	58.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.52%	
50) Toluene-d8	10.34	98	760066	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.64	95	230870	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds	Qvalue

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

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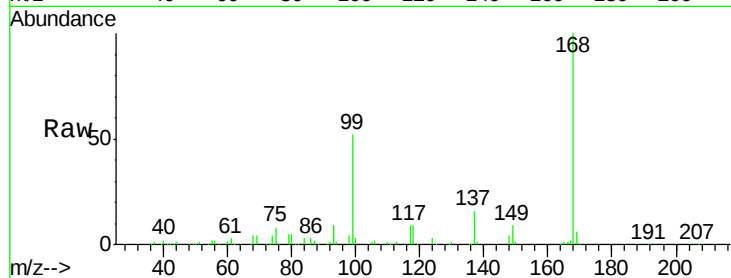
VD0217SBL01

Tot Ion:168 Resp: 407659

Ion Ratio Lower Upper

168 100

99 52.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

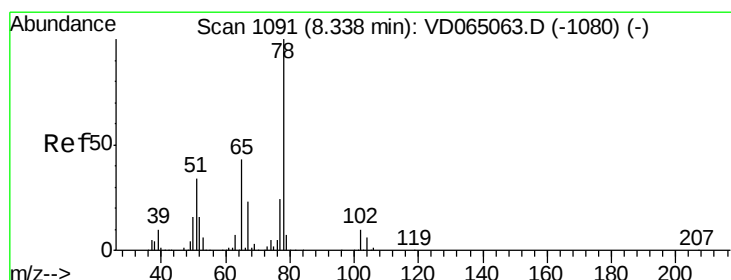
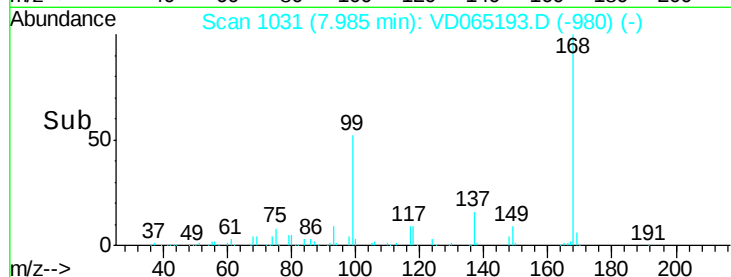
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#33

1,2-Dichloroethane-d4

Concen: 59.319 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065193.D

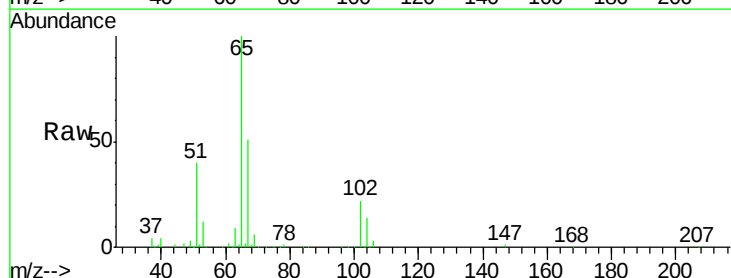
Acq: 17 Feb 2020 13:31

Tgt Ion: 65 Resp: 205527

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

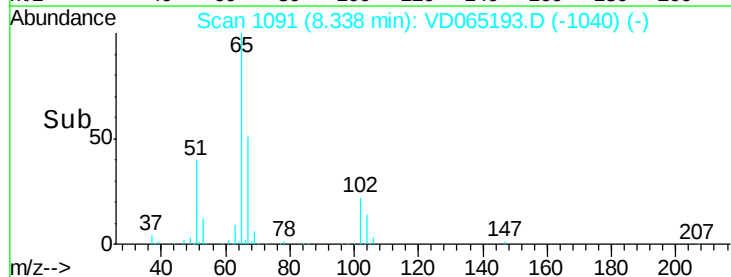
60000

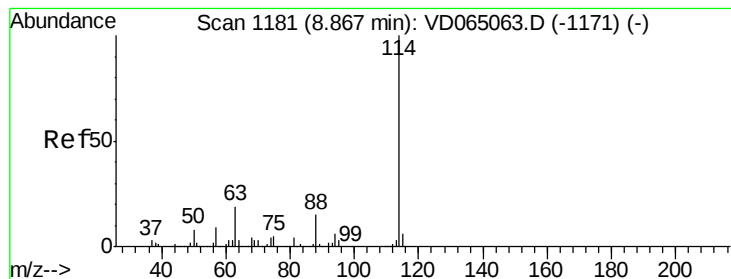
40000

20000

0

Time--> 8.20 8.30 8.40 8.50





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065193.D

Acq: 17 Feb 2020 13:31

Instrument :

MSVOA_D

ClientSampleId :

VD0217SBL01

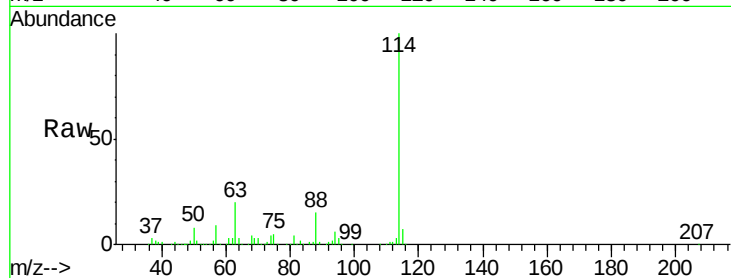
Tot Ion:114 Resp: 644530

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

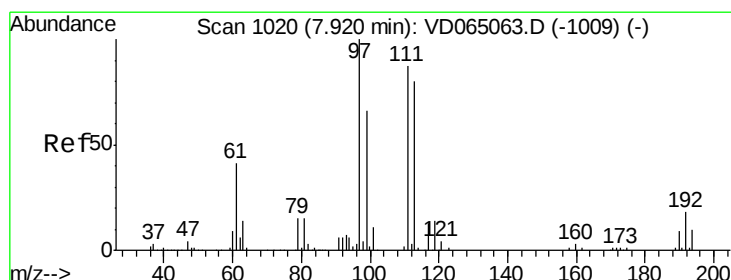
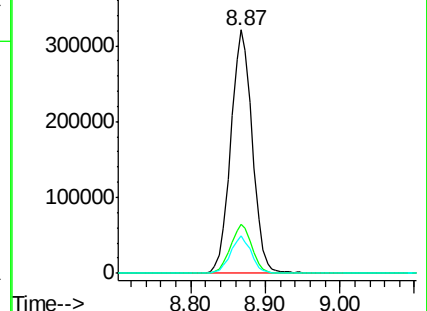
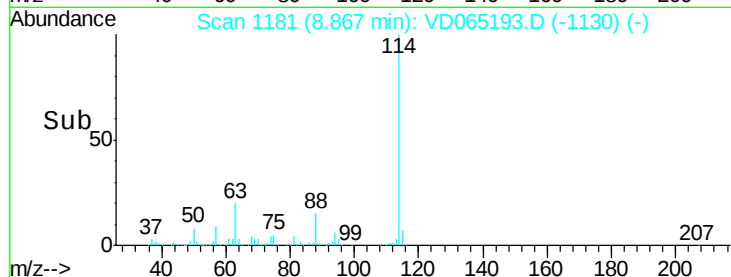
88 15.5 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 58.256 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065193.D

Acq: 17 Feb 2020 13:31

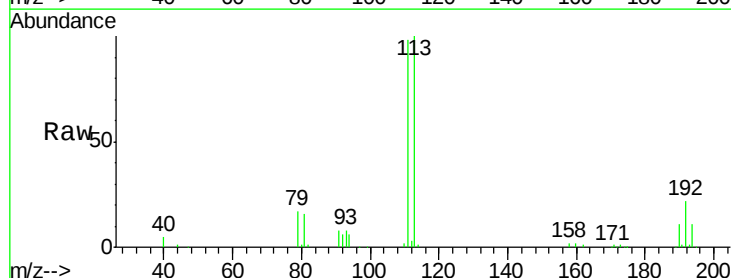
Tgt Ion:113 Resp: 209493

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

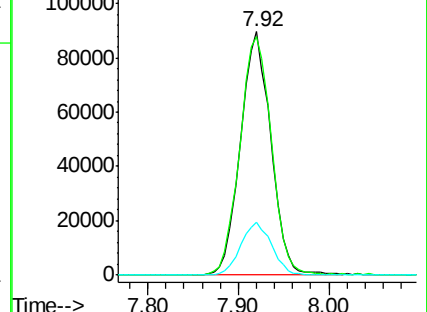
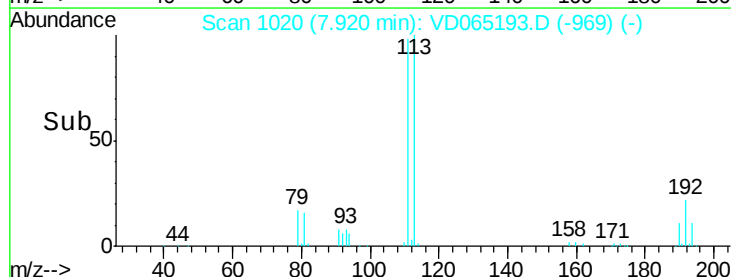
192 21.9 18.1 27.1

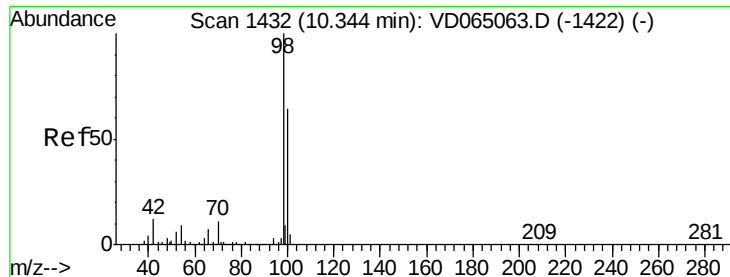


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.102 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

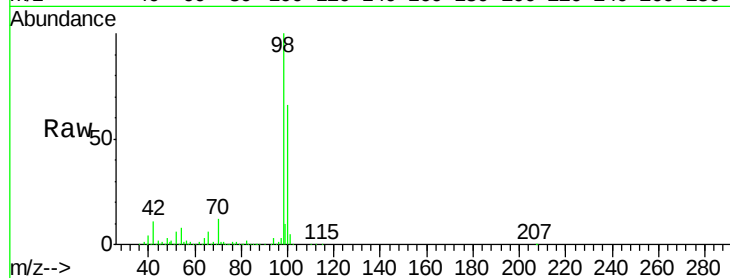
VD0217SBL01

Tot Ion: 98 Resp: 760066

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD065063.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD065063.D (-1422) (-)

10.34

400000

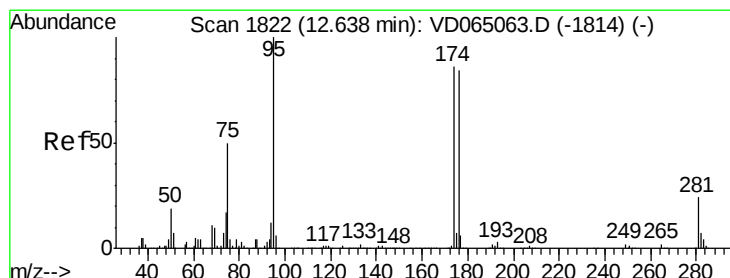
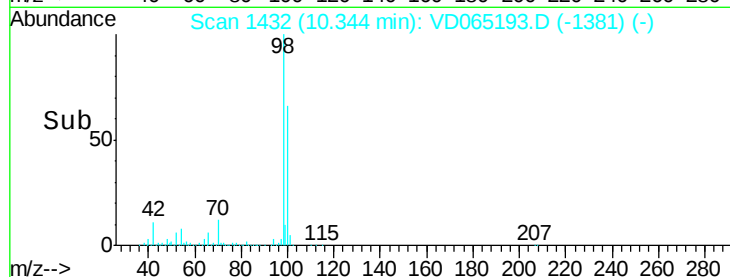
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.904 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065193.D

Acq: 17 Feb 2020 13:31

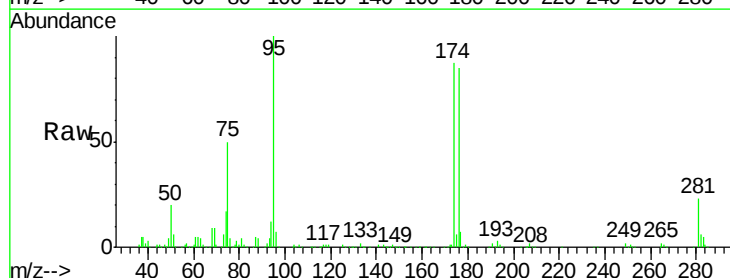
Tgt Ion: 95 Resp: 230870

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

176 85.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD065063.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065063.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065063.D (-1814) (-)

12.64

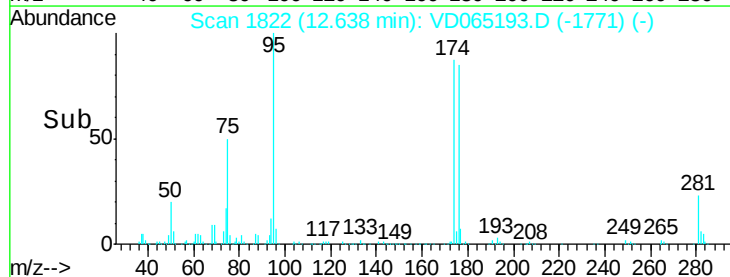
150000

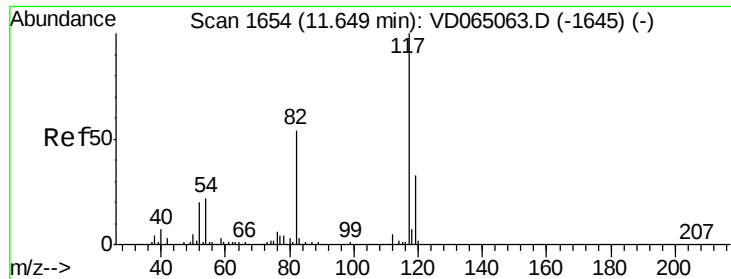
100000

50000

0

Time-->

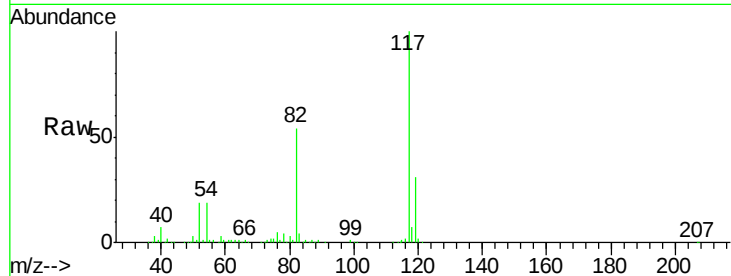




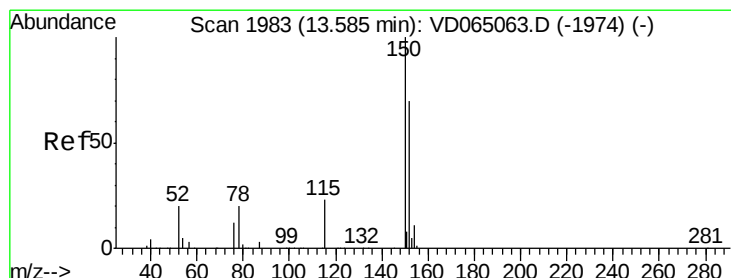
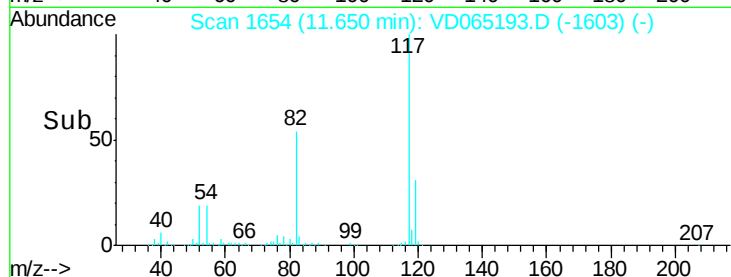
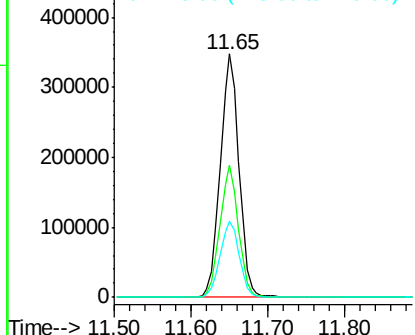
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065193.D
Acq: 17 Feb 2020 13:31

Instrument :
MSVOA_D
ClientSampleId :
VD0217SBL01

Tot Ion:117 Resp: 582936
Ion Ratio Lower Upper
117 100
82 54.3 43.1 64.7
119 31.5 26.0 39.0

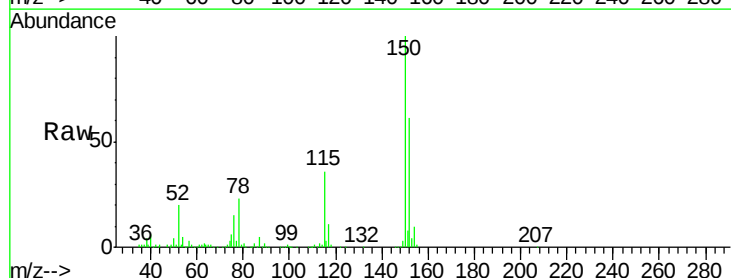


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065193.D
Acq: 17 Feb 2020 13:31

Tgt Ion:152 Resp: 256132
Ion Ratio Lower Upper
152 100
115 56.2 27.5 82.4
150 160.2 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

