

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
 Data File : VD065489.D
 Acq On : 12 Mar 2020 17:49
 Operator : VA/SY
 Sample : L1912-11
 Misc : 6.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-S2-A

Quant Time: Mar 13 04:48:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

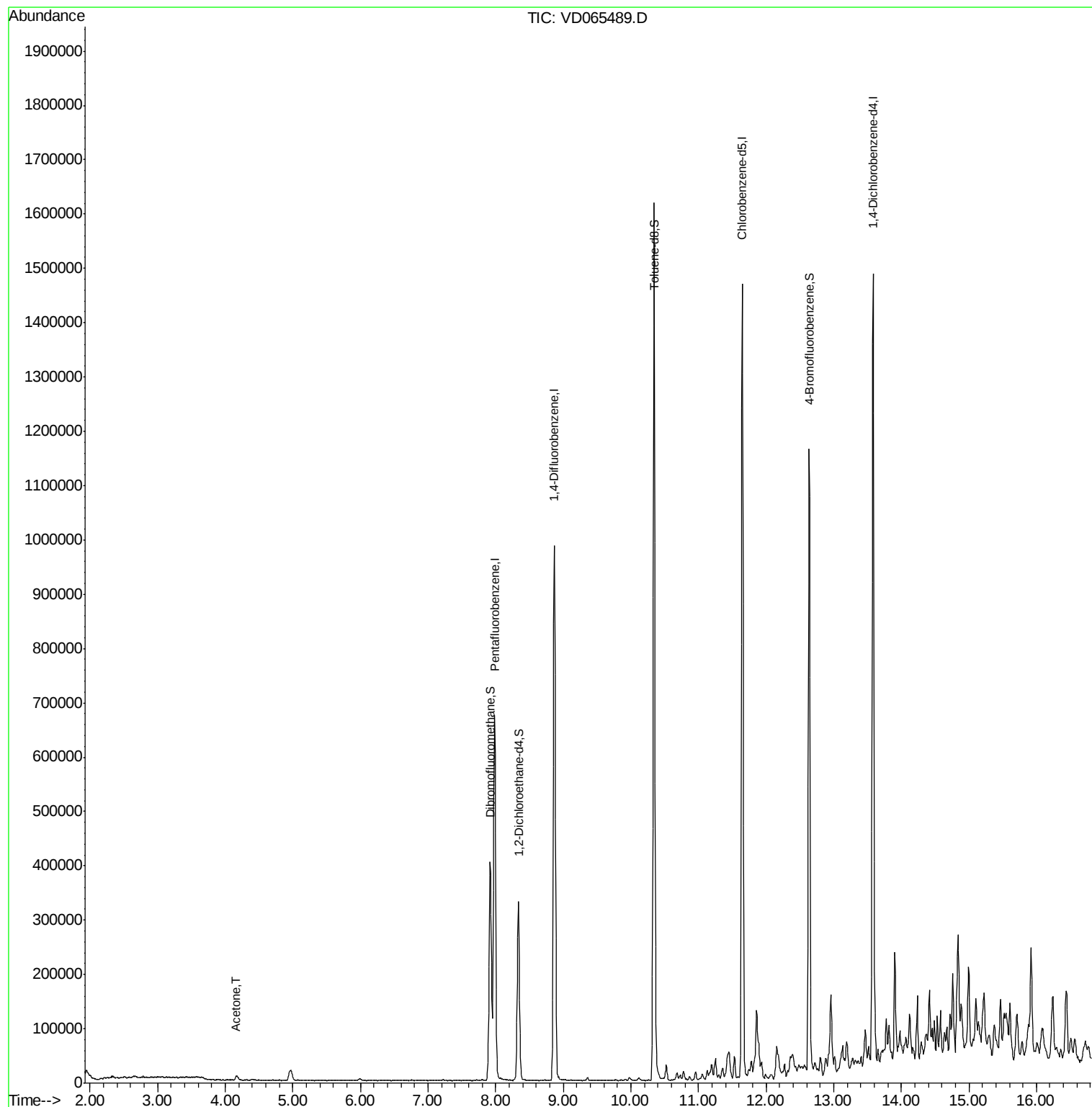
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	522701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	885259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	870454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	410498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	263980	58.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.76%	
35) Dibromofluoromethane	7.92	113	288985	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
50) Toluene-d8	10.34	98	1078521	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.64	95	368491	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
Target Compounds						
16) Acetone	4.16	43	14430	15.913	ug/l	Qvalue 98

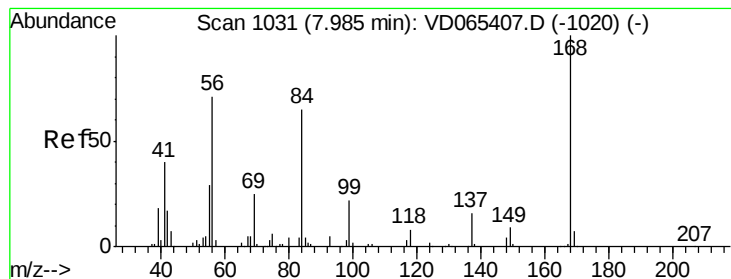
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031220\
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QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065489.D

Acq: 12 Mar 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

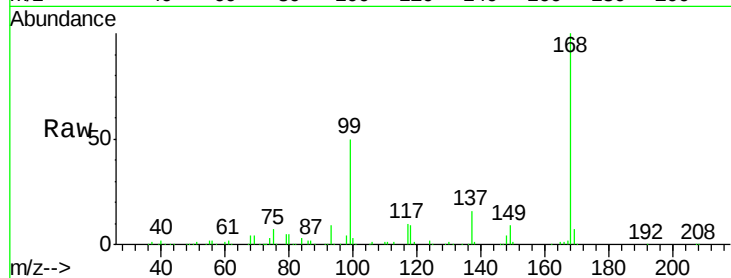
Z3-S2-A

Tot Ion:168 Resp: 522701

Ion Ratio Lower Upper

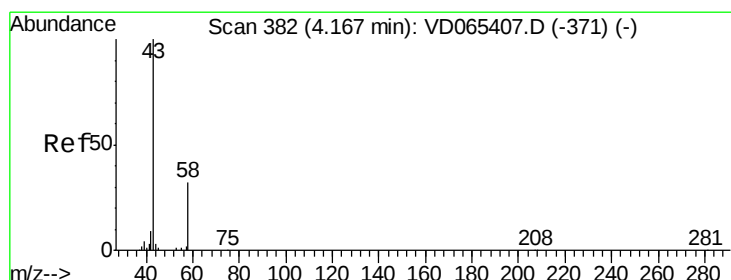
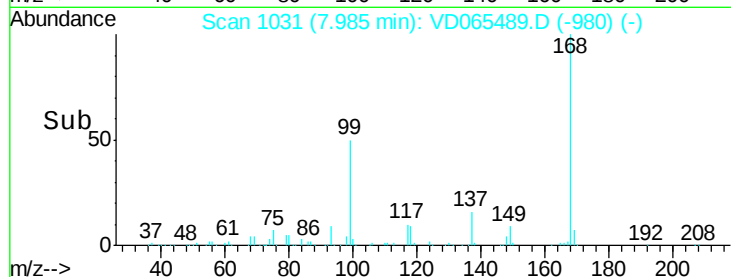
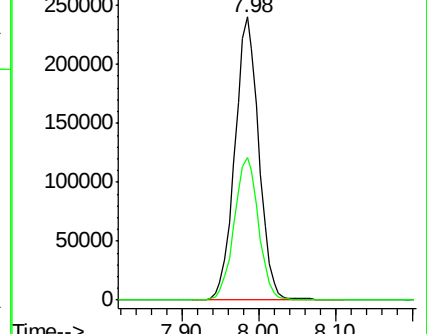
168 100

99 50.4 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 15.913 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065489.D

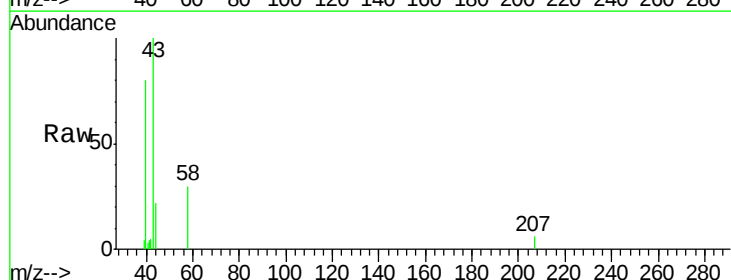
Acq: 12 Mar 2020 17:49

Tgt Ion: 43 Resp: 14430

Ion Ratio Lower Upper

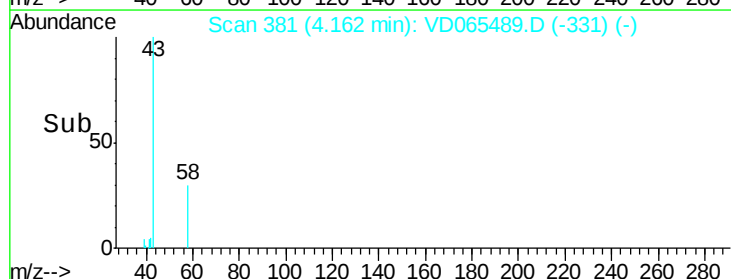
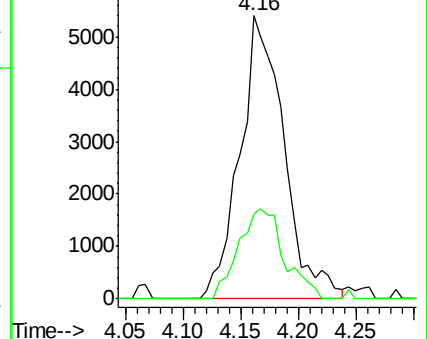
43 100

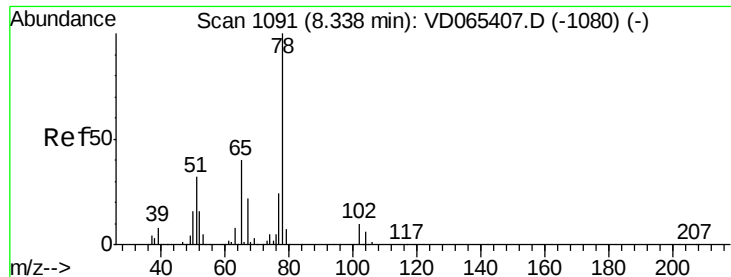
58 30.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 58.875 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065489.D

Acq: 12 Mar 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

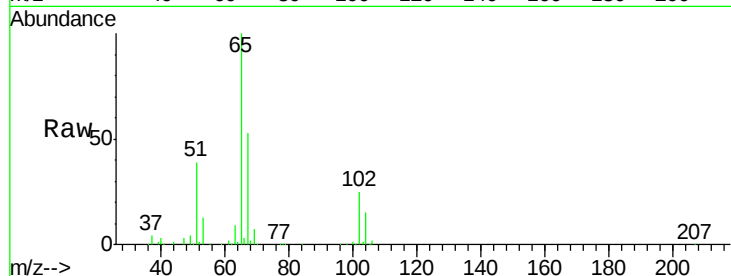
Z3-S2-A

Tot Ion: 65 Resp: 263980

Ion Ratio Lower Upper

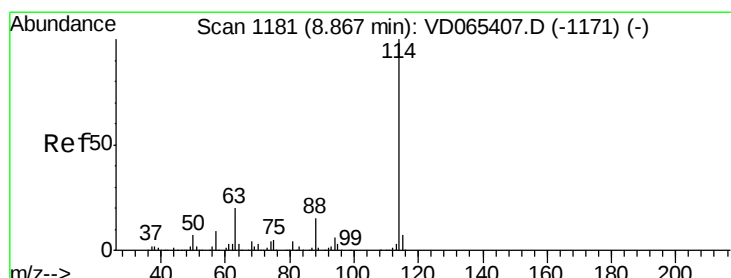
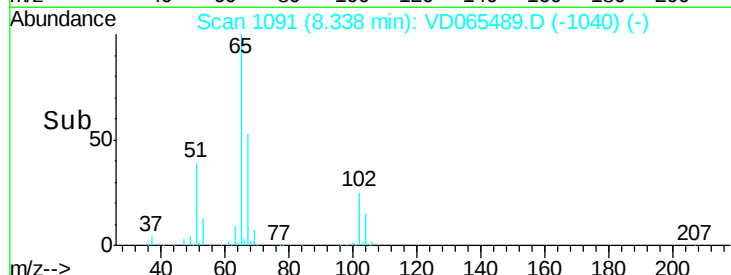
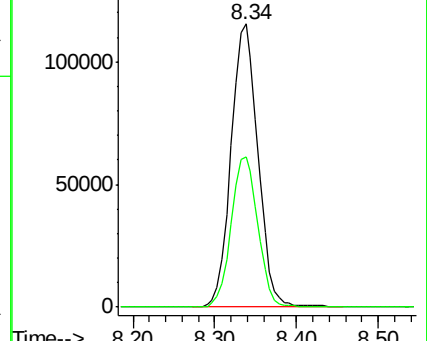
65 100

67 52.9 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065489.D

Acq: 12 Mar 2020 17:49

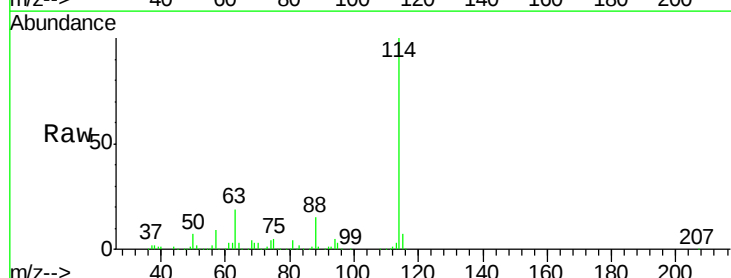
Tgt Ion: 114 Resp: 885259

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

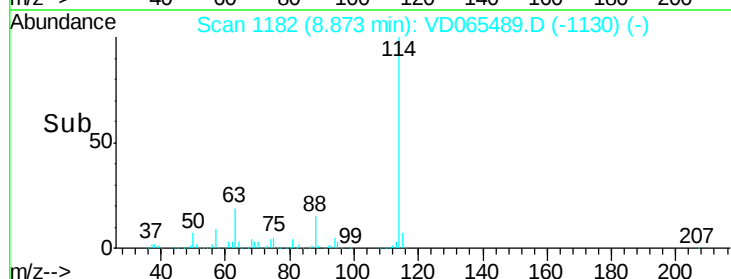
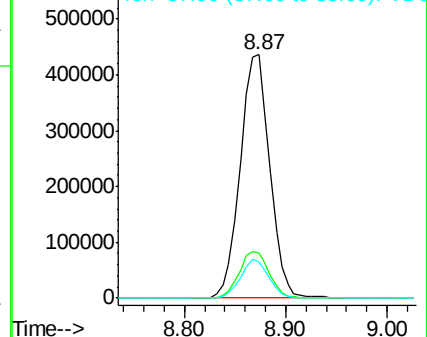
88 14.9 0.0 30.4

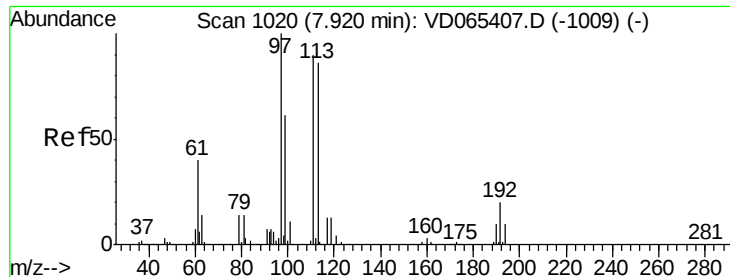


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

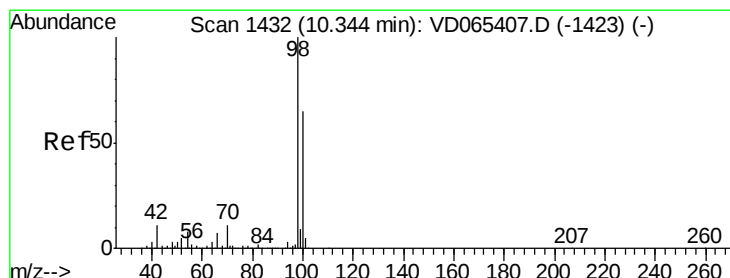
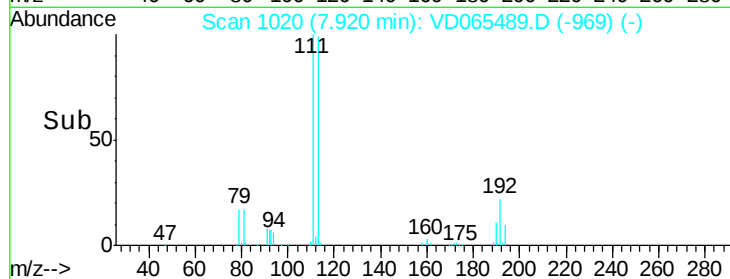
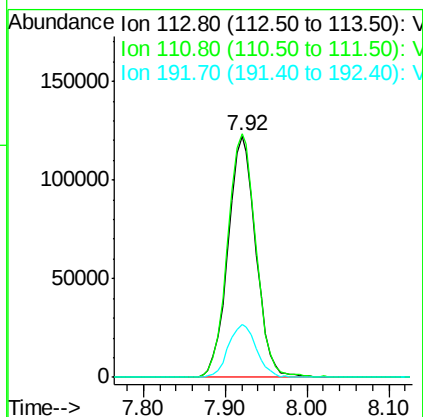
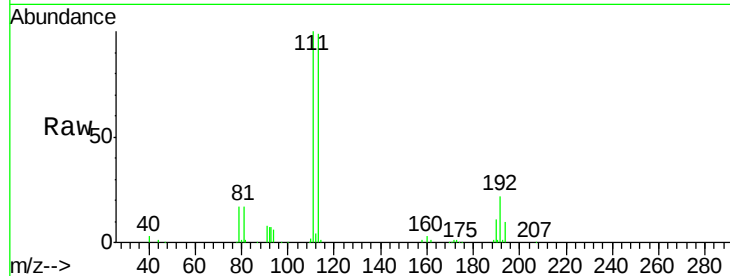




#35
 Dibromofluoromethane
 Concen: 52.787 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065489.D
 Acq: 12 Mar 2020 17:49

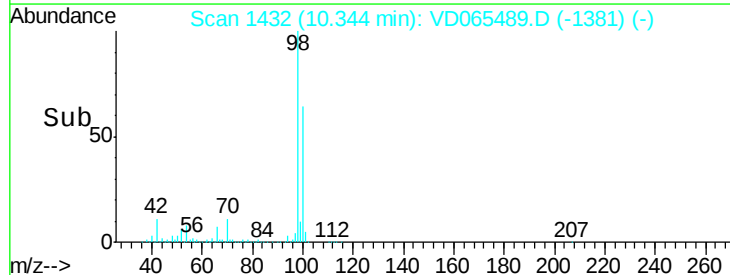
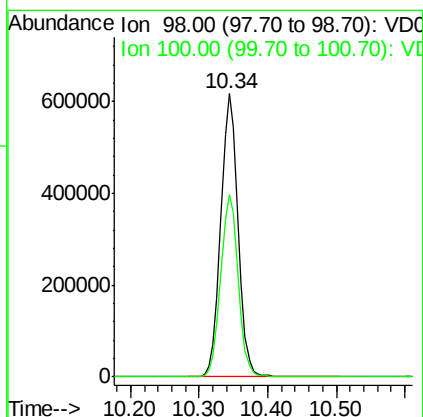
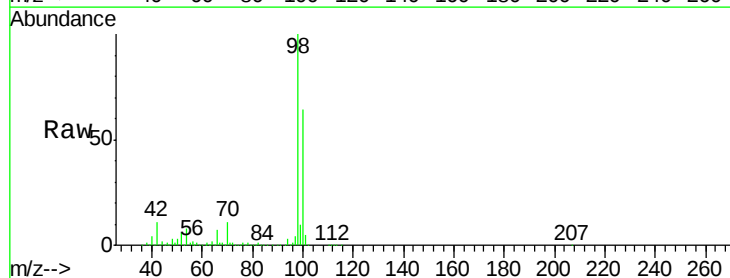
Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-S2-A

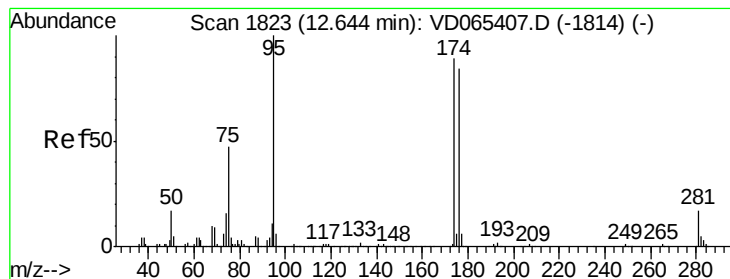
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	22.2	17.2	25.8



#50
 Toluene-d8
 Concen: 51.353 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065489.D
 Acq: 12 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 56.835 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065489.D

Acq: 12 Mar 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

Z3-S2-A

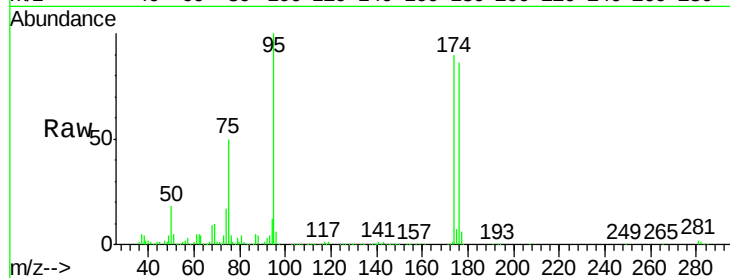
Tot Ion: 95 Resp: 368491

Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.8

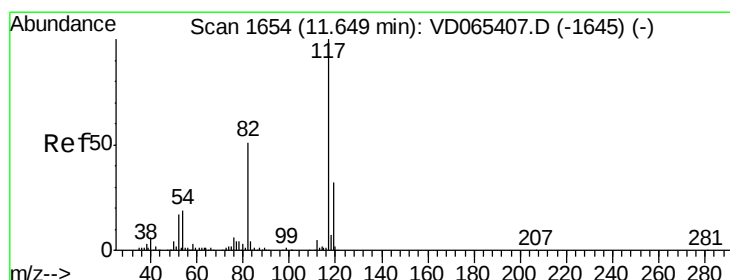
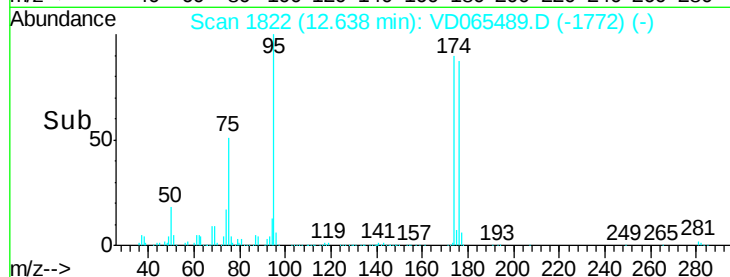
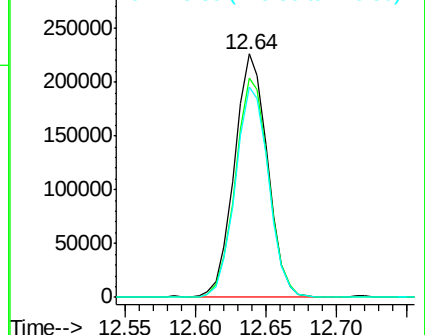
176 87.2 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065489.D

Acq: 12 Mar 2020 17:49

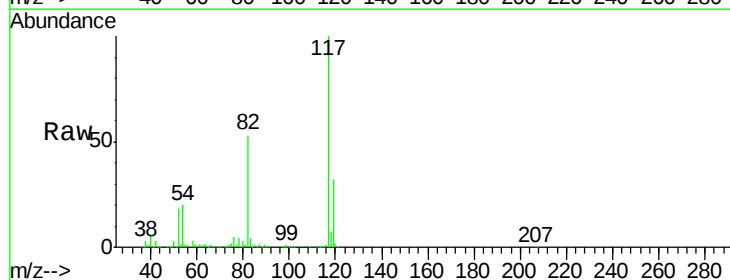
Tgt Ion: 117 Resp: 870454

Ion Ratio Lower Upper

117 100

82 52.9 40.6 60.8

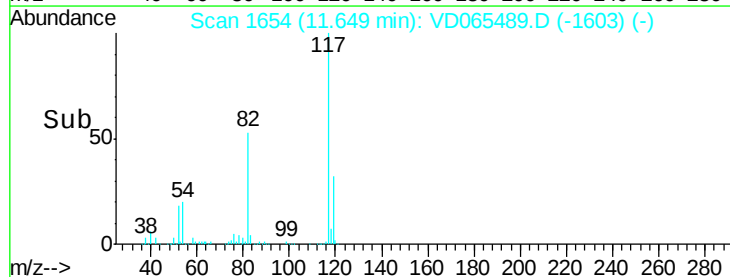
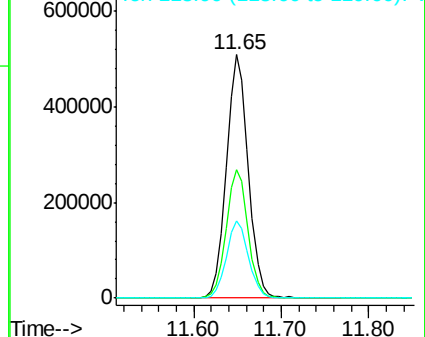
119 31.9 25.4 38.2

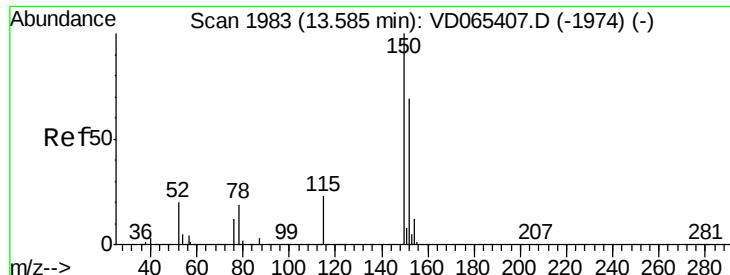


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065489.D

Acq: 12 Mar 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

Z3-S2-A

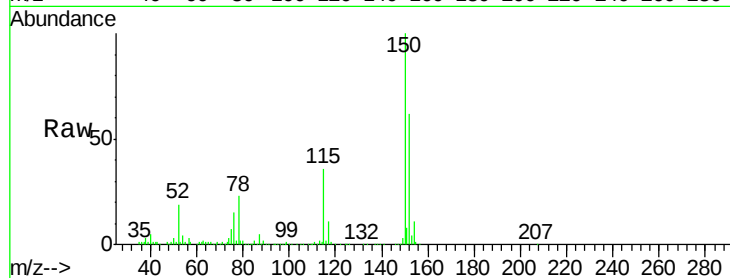
Tot Ion:152 Resp: 410498

Ion Ratio Lower Upper

152 100

115 55.8 27.6 82.8

150 156.7 0.0 345.0



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

