

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
 Data File : VD065488.D
 Acq On : 12 Mar 2020 17:20
 Operator : VA/SY
 Sample : L1912-07
 Misc : 6.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-S1A

Quant Time: Mar 13 05:12:59 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

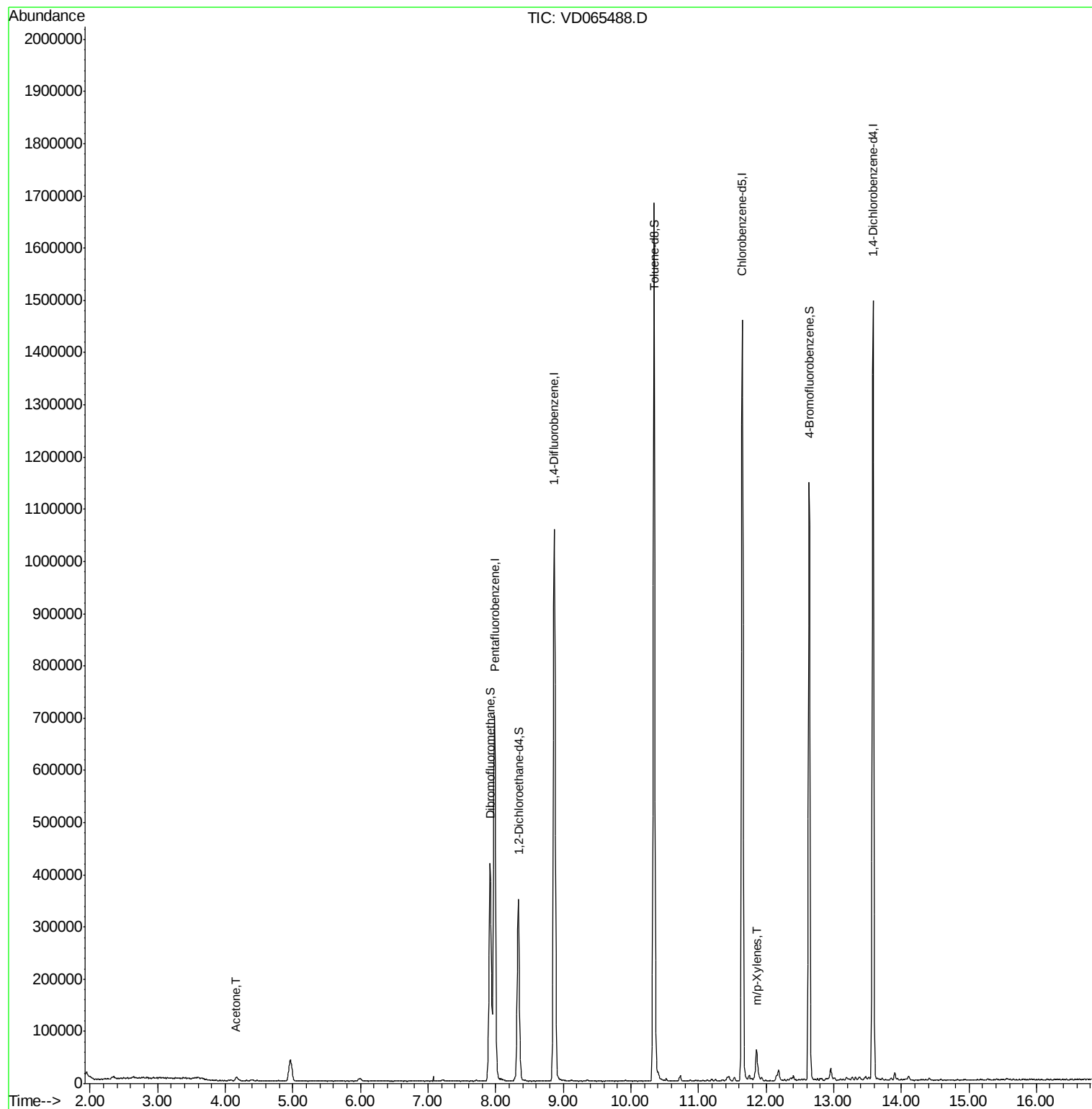
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	553346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	944760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	874078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	413717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	277541	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
35) Dibromofluoromethane	7.92	113	301165	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	10.34	98	1138590	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.64	95	360454	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
Target Compounds						
16) Acetone	4.16	43	12479	13.000	ug/l	90
68) m/p-Xylenes	11.86	106	12226	1.061	ug/l	93

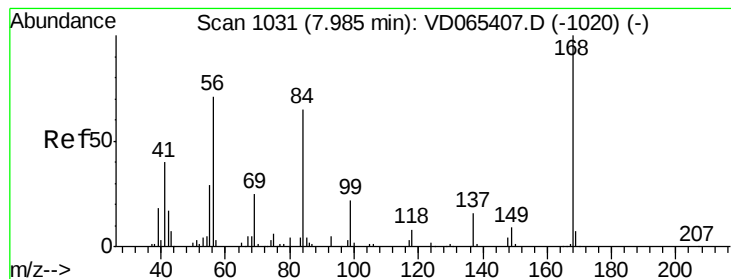
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065488.D

Acq: 12 Mar 2020 17:20

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MSVOA_D

ClientSampleId :

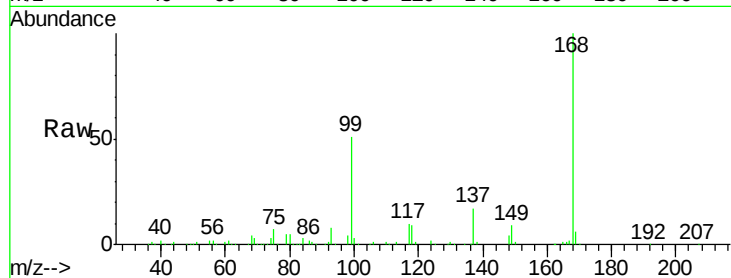
Z3-S1A

Tot Ion:168 Resp: 553346

Ion Ratio Lower Upper

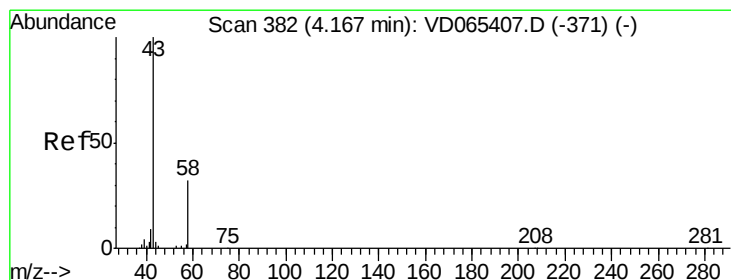
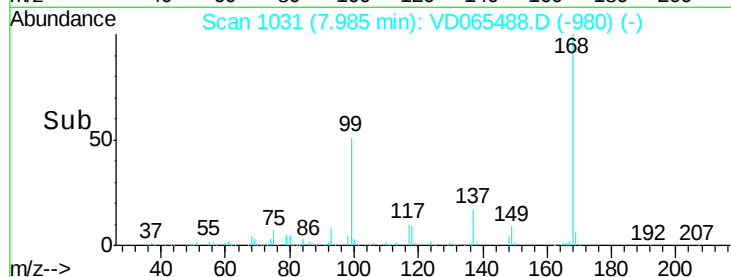
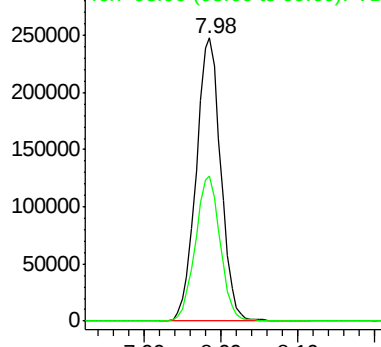
168 100

99 51.4 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: 13.000 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065488.D

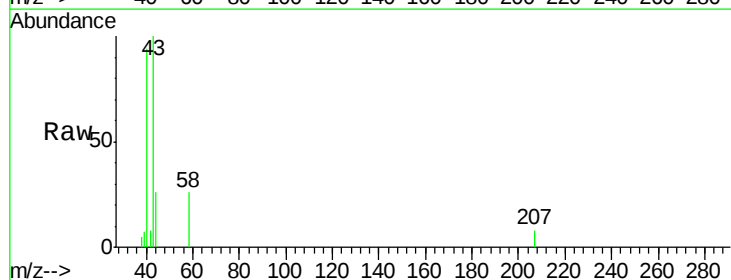
Acq: 12 Mar 2020 17:20

Tgt Ion: 43 Resp: 12479

Ion Ratio Lower Upper

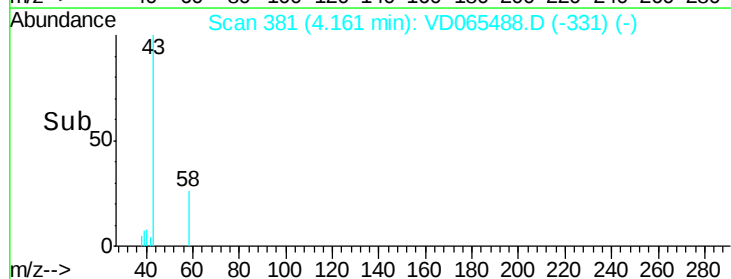
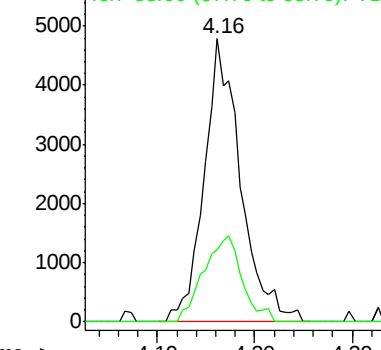
43 100

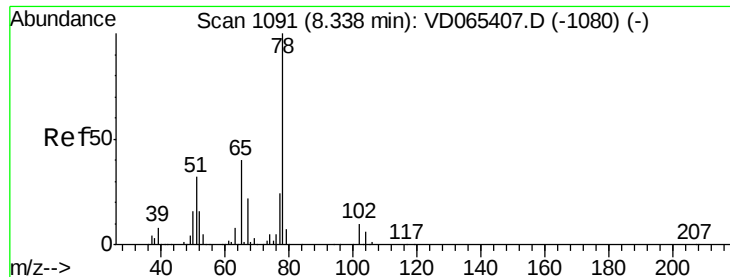
58 25.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

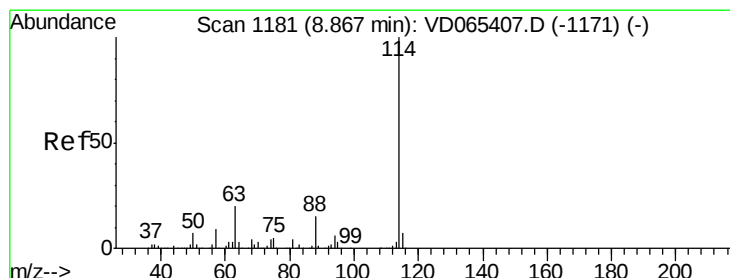
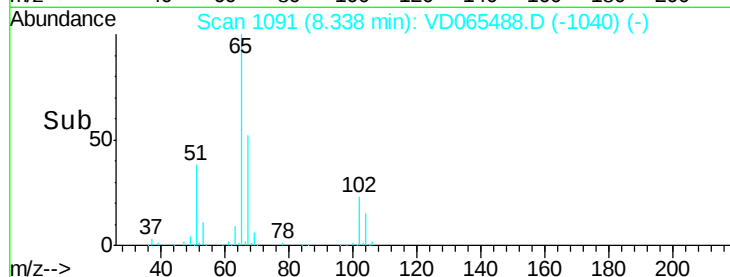
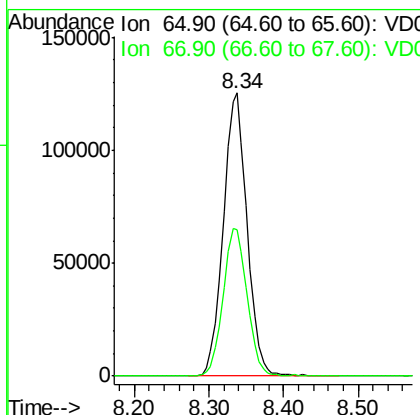
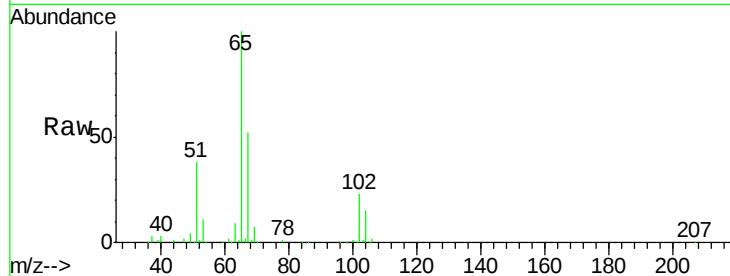




#33
 1,2-Dichloroethane-d4
 Concen: 58.471 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065488.D
 Acq: 12 Mar 2020 17:20

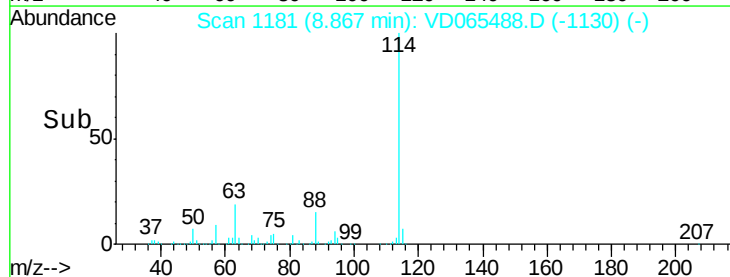
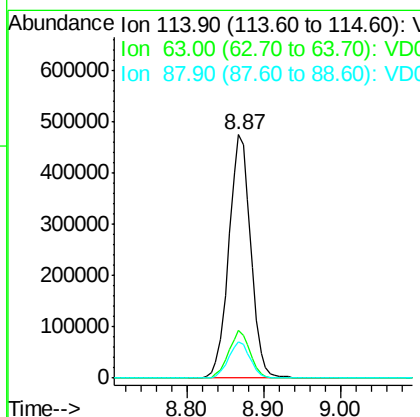
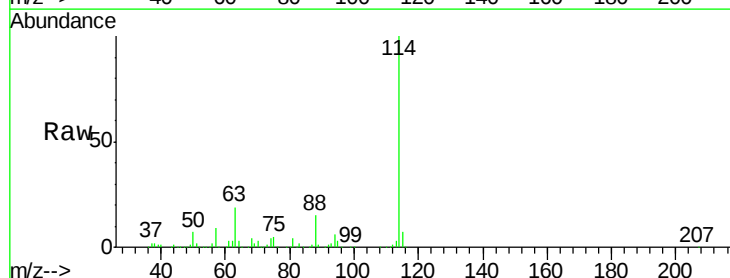
Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-S1A

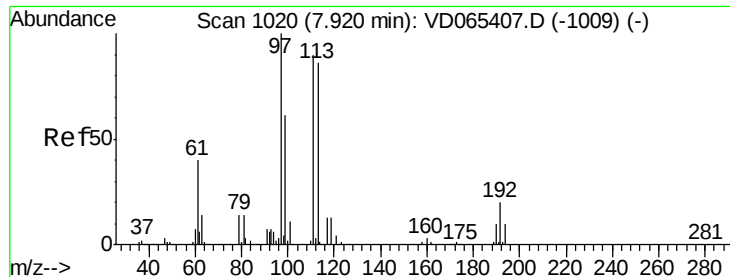
Tot Ion: 65 Resp: 277541
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065488.D
 Acq: 12 Mar 2020 17:20

Tgt Ion: 114 Resp: 944760
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 15.1 0.0 30.4

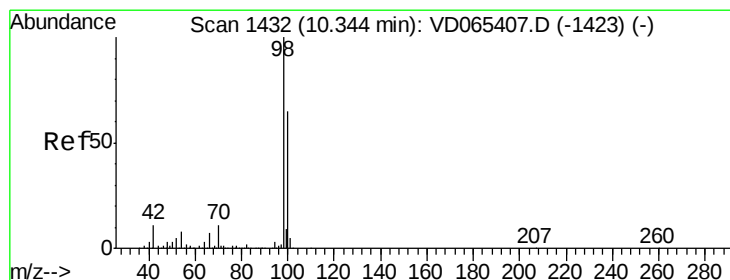
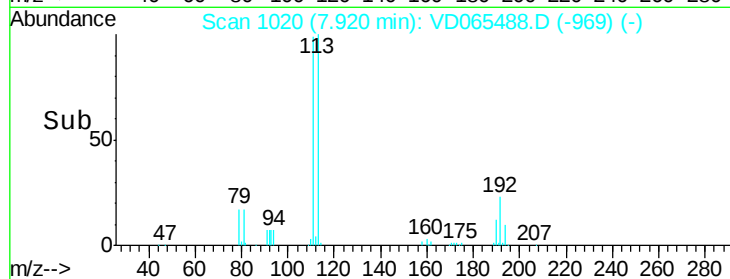
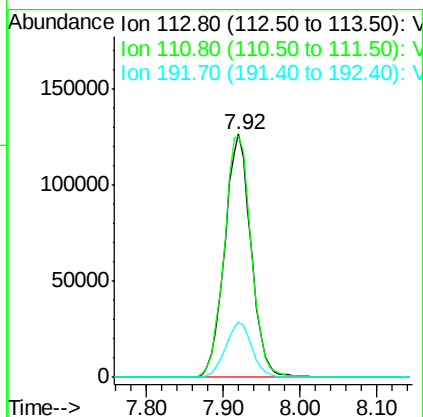
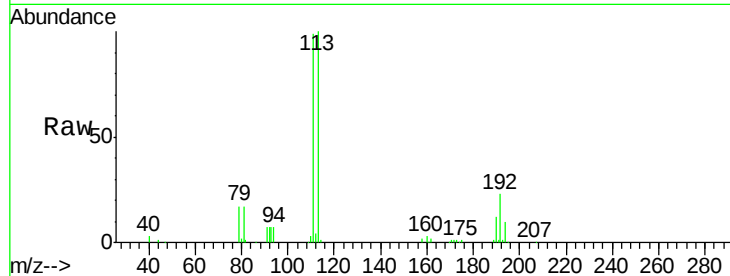




#35
 Dibromofluoromethane
 Concen: 51.548 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065488.D
 Acq: 12 Mar 2020 17:20

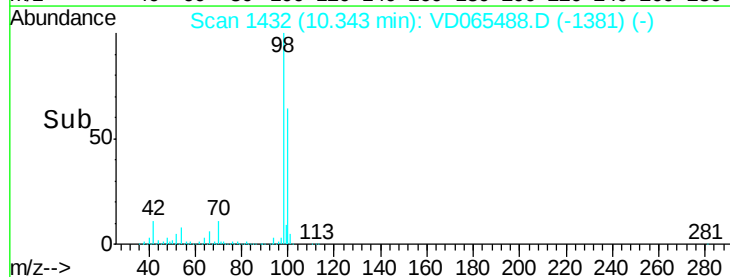
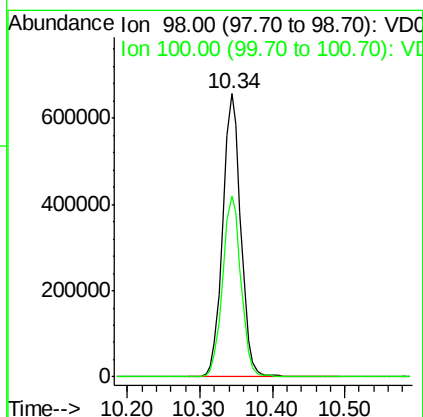
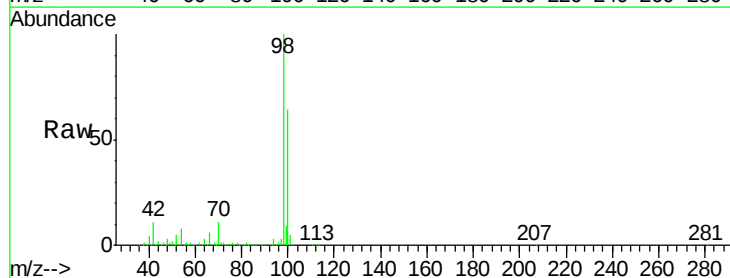
Instrument :
 MSVOA_D
 ClientSampleId :
 Z3-S1A

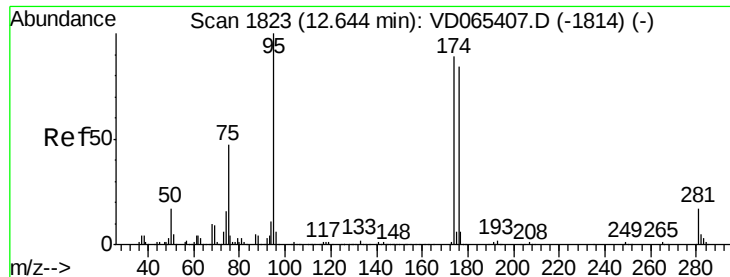
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	22.7	17.2	25.8



#50
 Toluene-d8
 Concen: 50.799 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065488.D
 Acq: 12 Mar 2020 17:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 52.094 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065488.D

Acq: 12 Mar 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

Z3-S1A

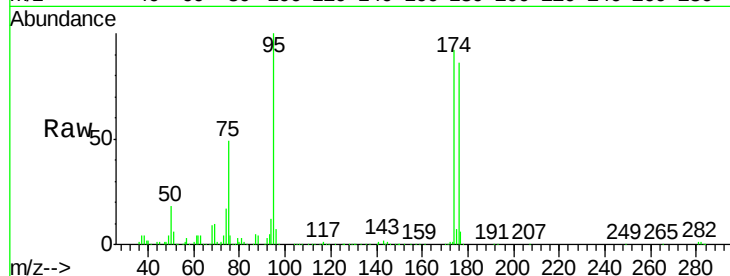
Tot Ion: 95 Resp: 360454

Ion Ratio Lower Upper

95 100

174 92.5 0.0 176.8

176 87.5 0.0 171.4



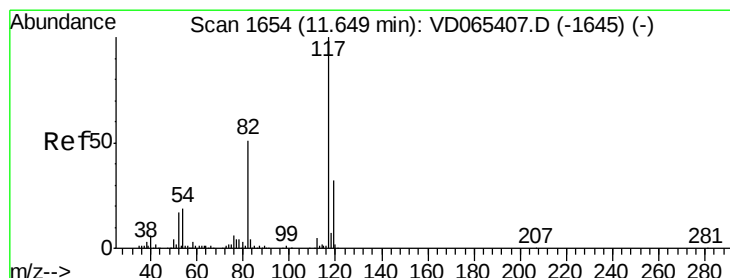
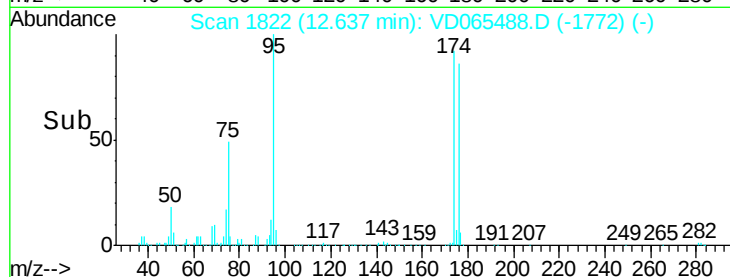
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065488.D

Acq: 12 Mar 2020 17:20

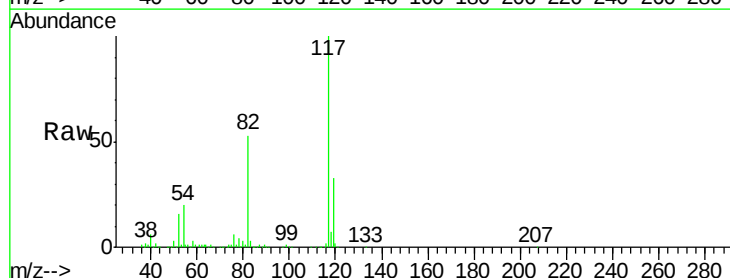
Tgt Ion: 117 Resp: 874078

Ion Ratio Lower Upper

117 100

82 53.0 40.6 60.8

119 33.0 25.4 38.2



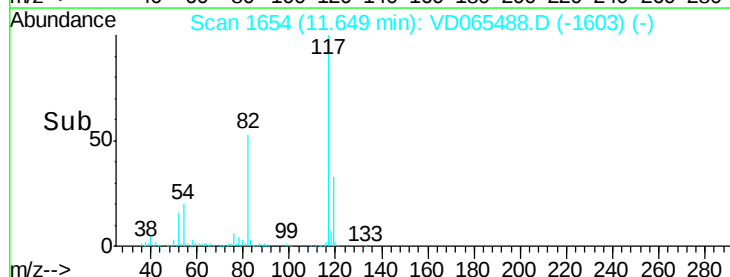
Abundance Ion 116.90 (116.60 to 117.60): V

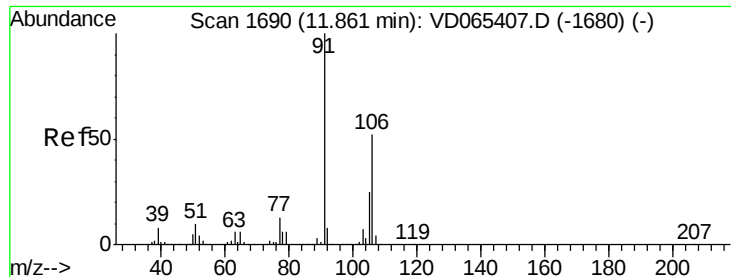
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

Time-->





#68

m/p-Xvlenes

Concen: 1.061 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VD065488.D

Acq: 12 Mar 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

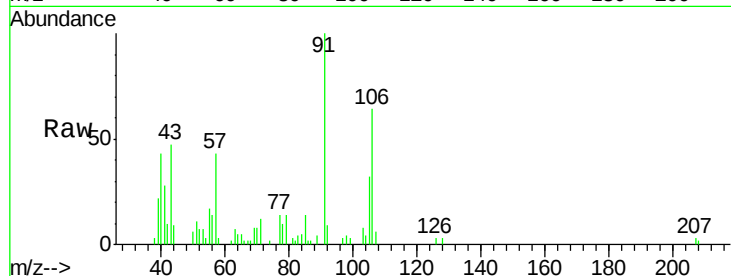
Z3-S1A

Tot Ion:106 Resp: 12226

Ion Ratio Lower Upper

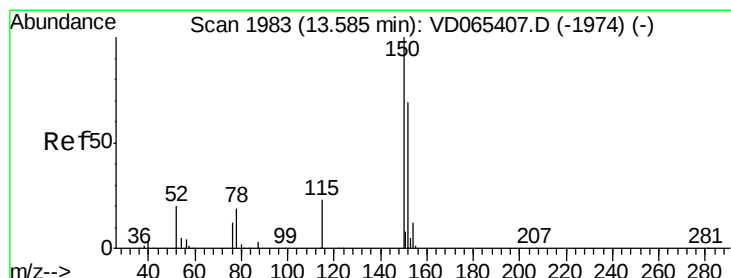
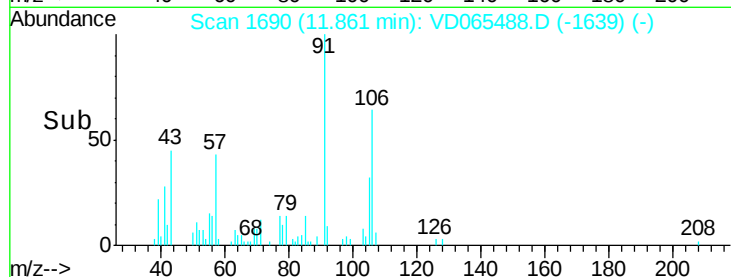
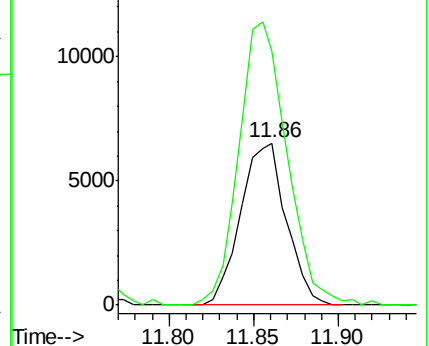
106 100

91 184.7 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VD065488.D

Acq: 12 Mar 2020 17:20

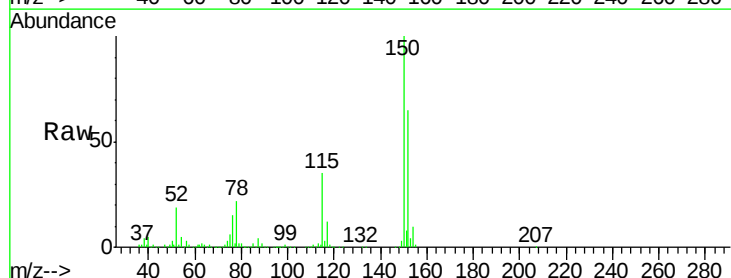
Tgt Ion:152 Resp: 413717

Ion Ratio Lower Upper

152 100

115 54.6 27.6 82.8

150 156.6 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

