

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064025.D
 Acq On : 23 Oct 2019 17:15
 Operator : VA/SY
 Sample : K5497-10
 Misc : 4.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 168-16-(1)

Quant Time: Oct 24 06:49:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

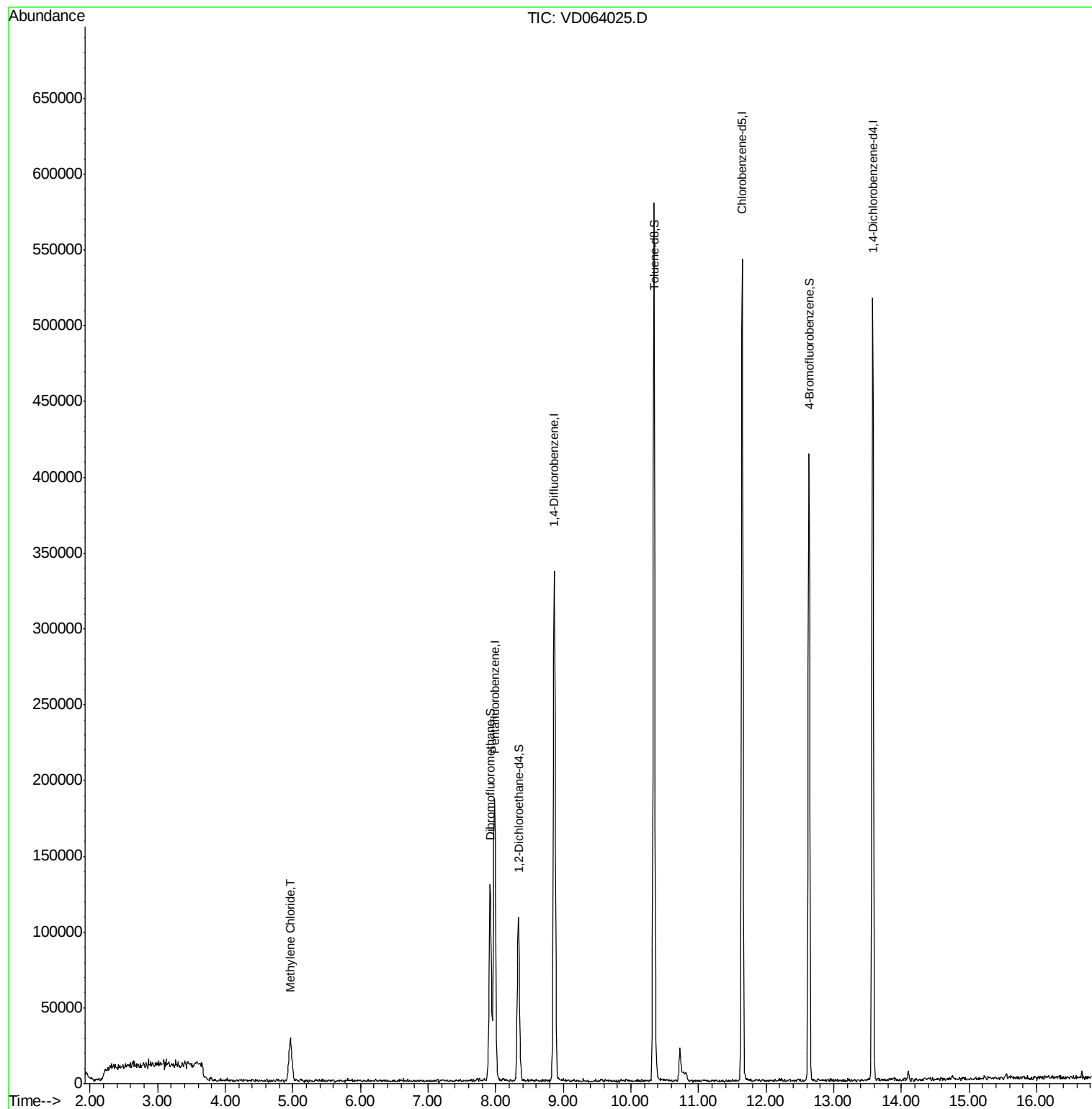
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	141115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	282064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	299490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	85648	62.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.68%	
35) Dibromofluoromethane	7.92	113	86896	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.34	98	385662	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
62) 4-Bromofluorobenzene	12.63	95	114857	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
Target Compounds						
20) Methylene Chloride	4.97	84	19936	10.163	ug/l	Qvalue 91

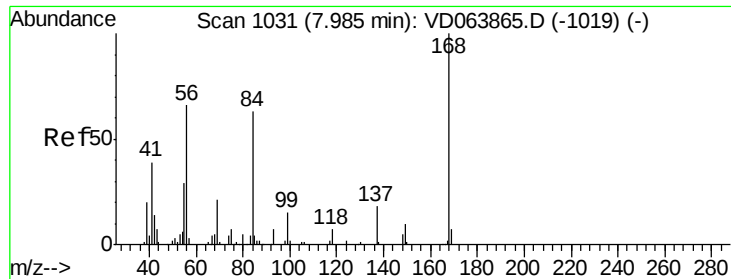
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
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: VD064025.D

Acq: 23 Oct 2019 17:15

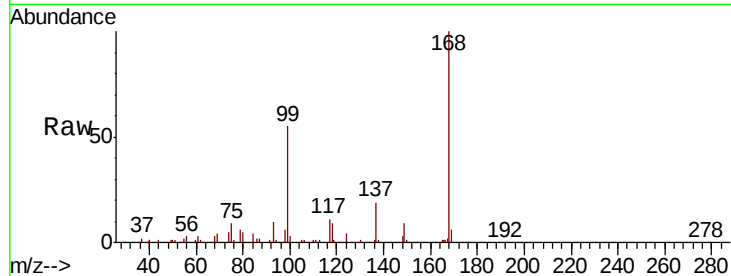
Instrument :
MSVOA_D
ClientSampleId :
168-16-(1)

Tot Ion:168 Resp: 141115

Ion Ratio Lower Upper

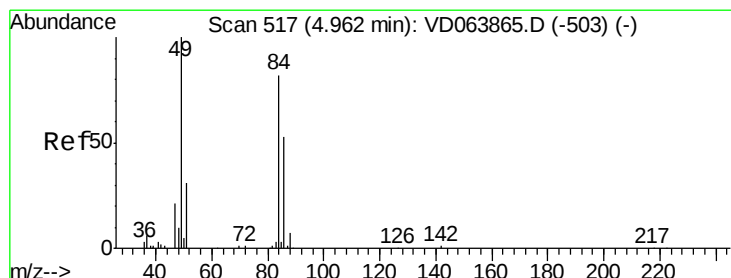
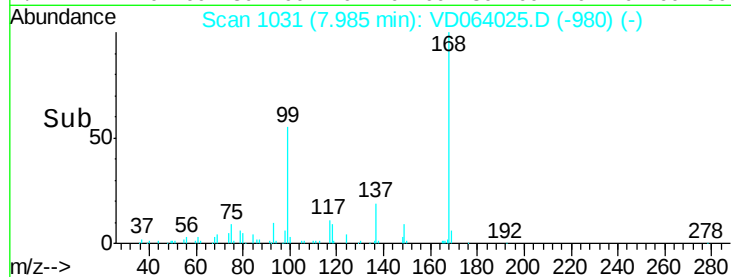
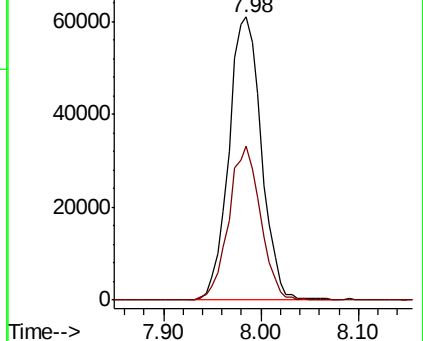
168 100

99 54.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 10.163 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD064025.D

Acq: 23 Oct 2019 17:15

Tgt Ion: 84 Resp: 19936

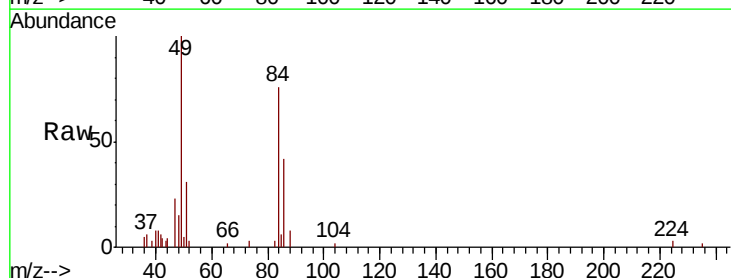
Ion Ratio Lower Upper

84 100

49 131.1 97.3 145.9

51 40.7 30.1 45.1

86 55.0 51.4 77.2

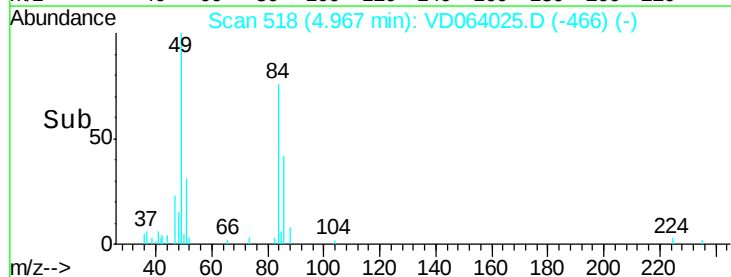
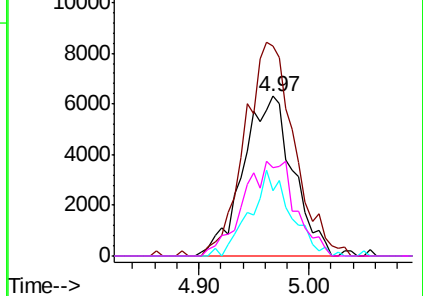


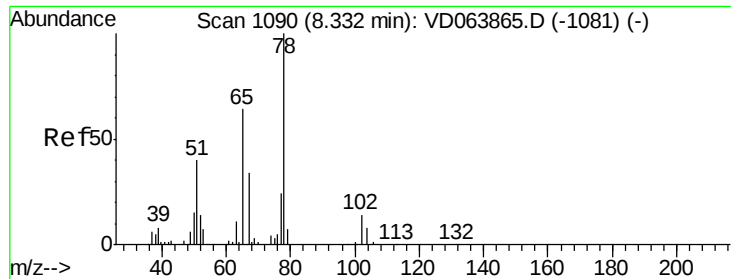
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 62.341 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064025.D

Acq: 23 Oct 2019 17:15

Instrument :

MSVOA_D

ClientSampleId :

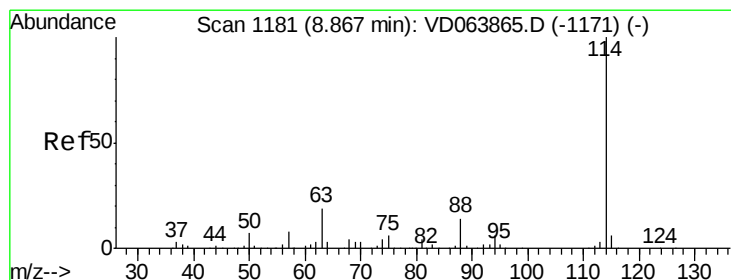
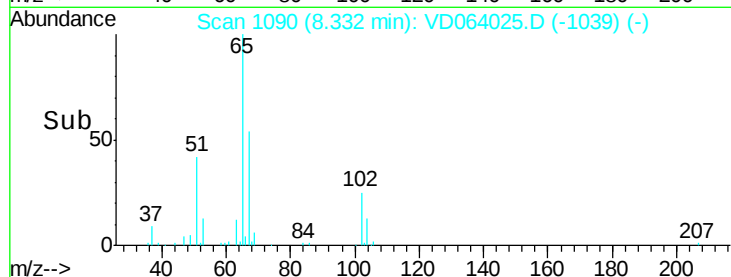
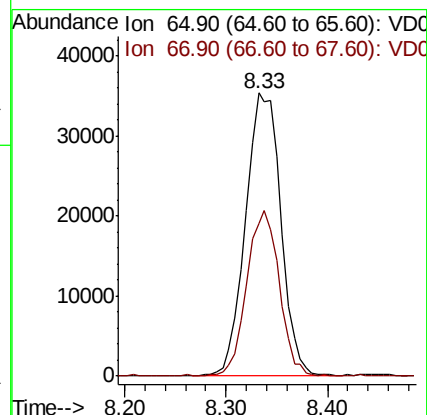
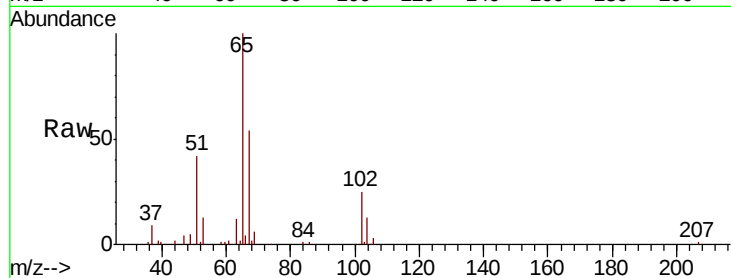
168-16-(1)

Tot Ion: 65 Resp: 85648

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064025.D

Acq: 23 Oct 2019 17:15

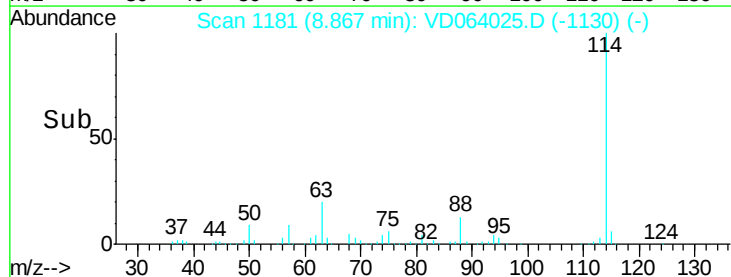
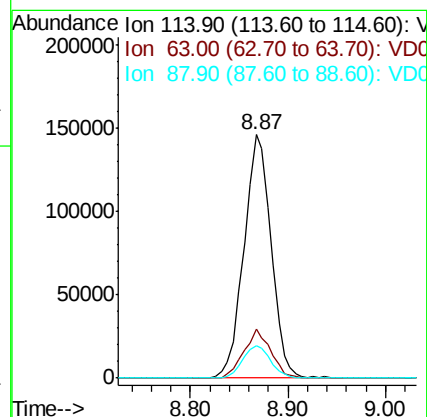
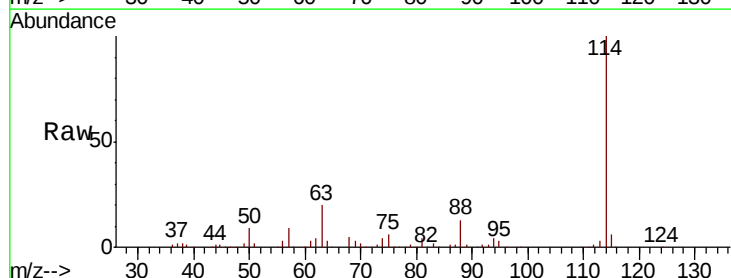
Tgt Ion: 114 Resp: 282064

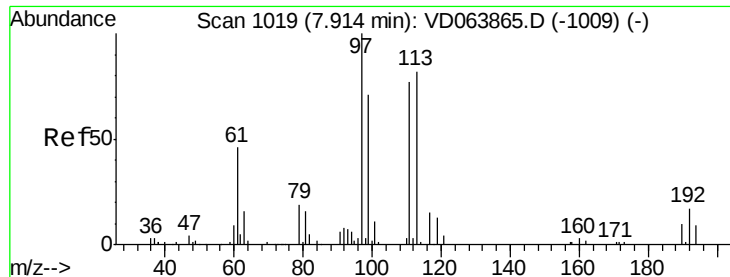
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 13.2 0.0 27.4

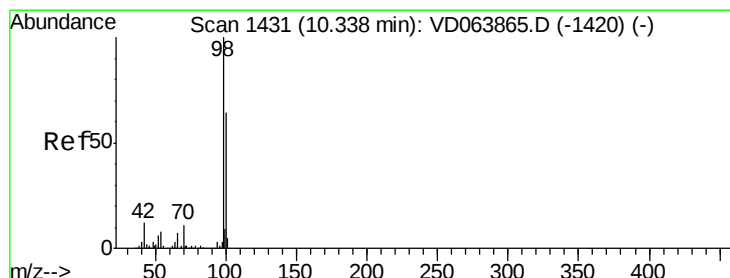
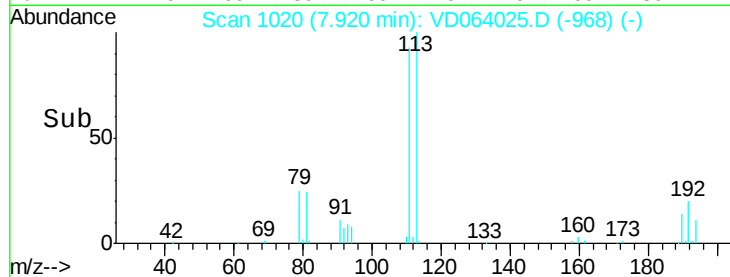
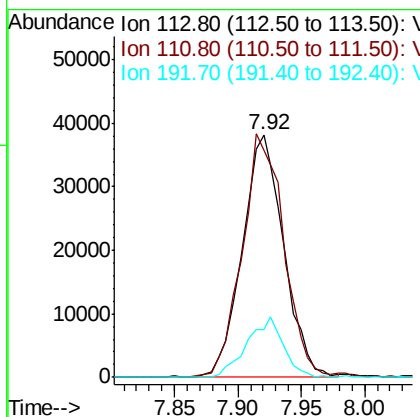
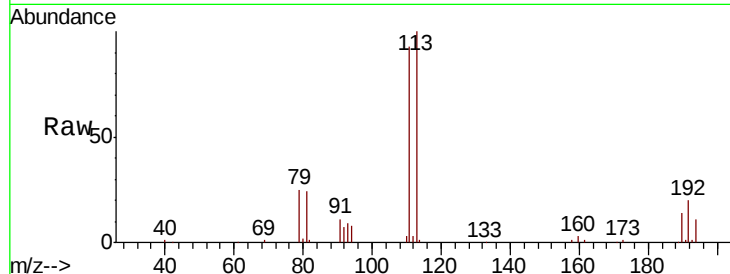




#35
 Dibromofluoromethane
 Concen: 50.410 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064025.D
 Acq: 23 Oct 2019 17:15

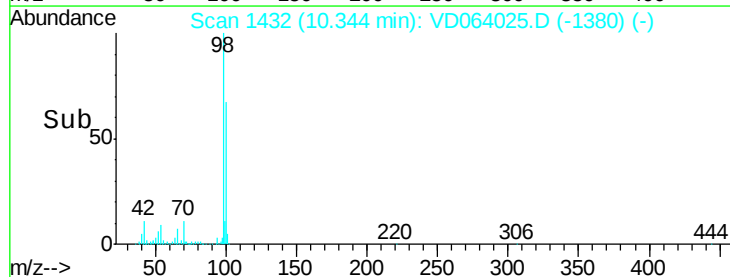
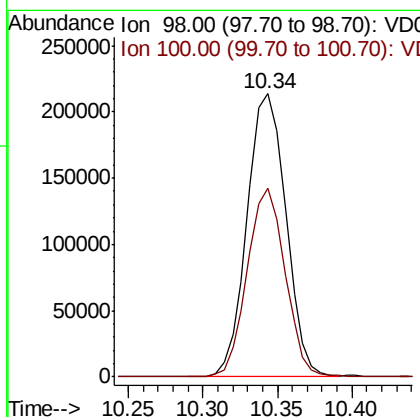
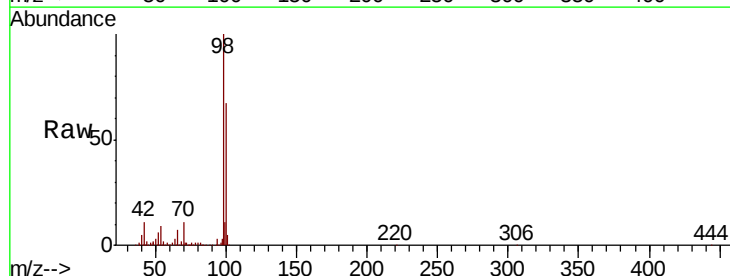
Instrument :
 MSVOA_D
 ClientSampleId :
 168-16-(1)

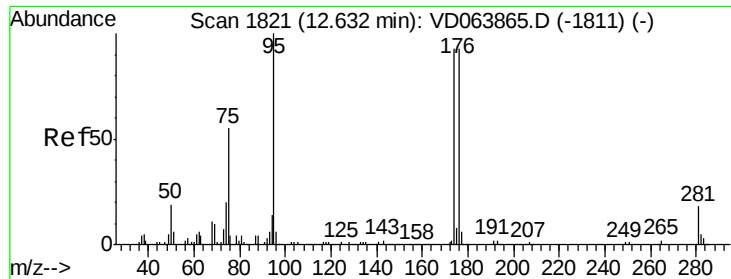
Tot Ion:113 Resp: 86896
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.6 123.8
 192 21.8 17.1 25.7



#50
 Toluene-d8
 Concen: 55.122 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064025.D
 Acq: 23 Oct 2019 17:15

Tgt Ion: 98 Resp: 385662
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.1 78.1

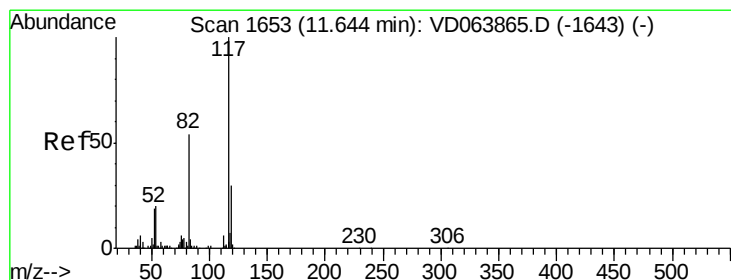
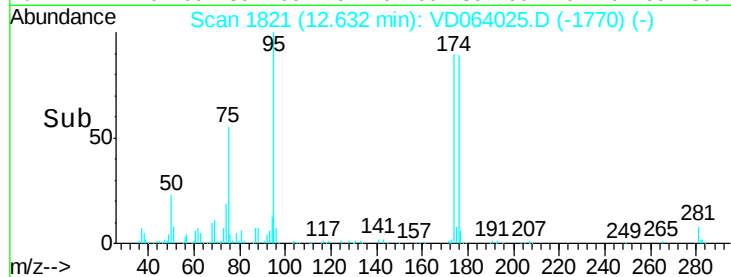
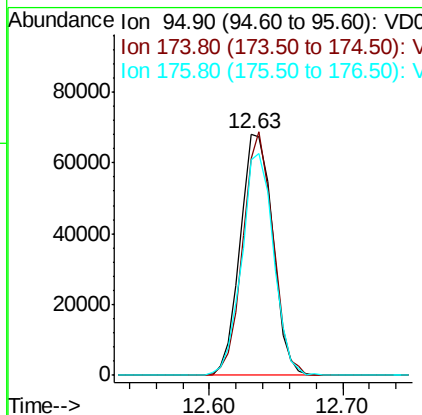
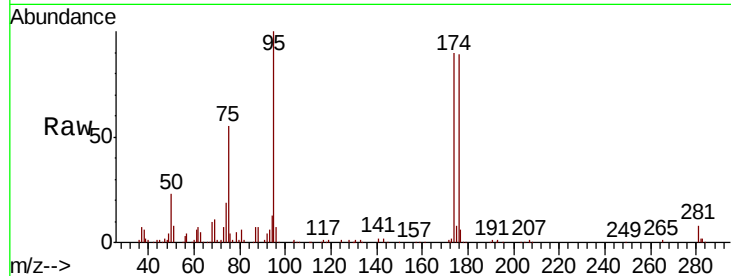




#62
4-Bromofluorobenzene
Concen: 47.241 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD064025.D
Acq: 23 Oct 2019 17:15

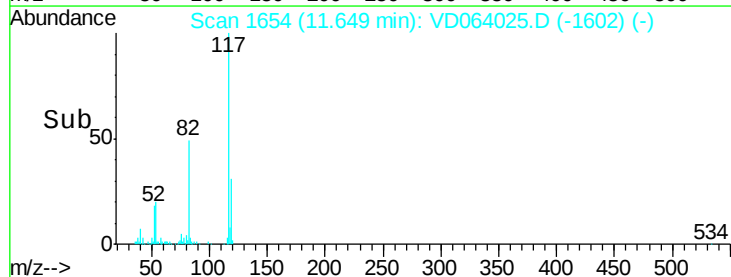
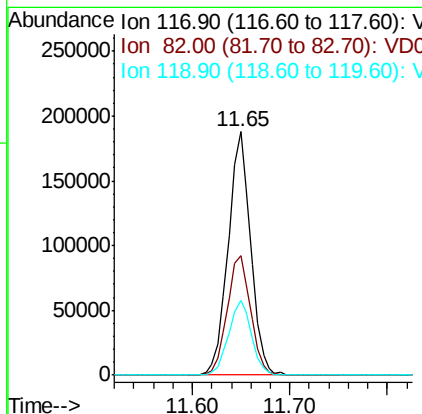
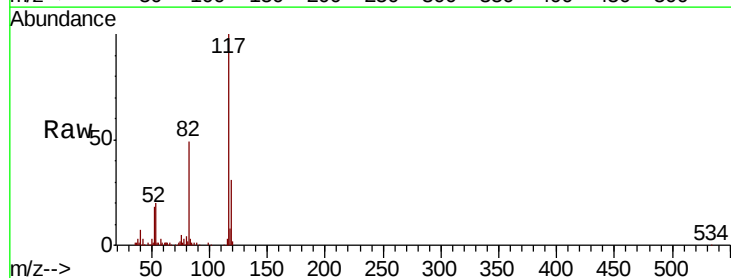
Instrument :
MSVOA_D
ClientSampleId :
168-16-(1)

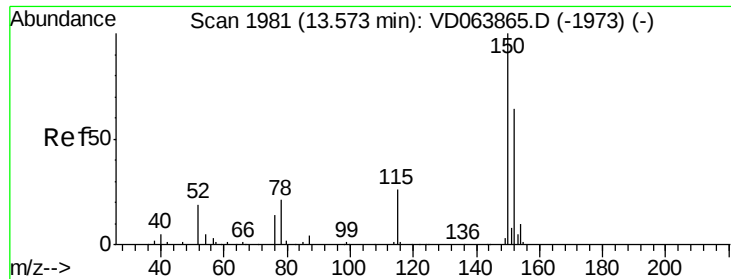
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	186.4
176	89.7	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064025.D
Acq: 23 Oct 2019 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.0	42.8	64.2
119	30.5	24.4	36.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD064025.D

Acq: 23 Oct 2019 17:15

Instrument :

MSVOA_D

ClientSampleId :

168-16-(1)

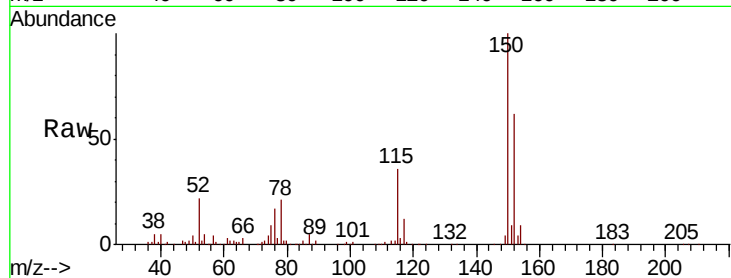
Tot Ion:152 Resp: 129128

Ion Ratio Lower Upper

152 100

115 56.9 25.9 77.7

150 159.9 0.0 344.2



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

