

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064065.D
 Acq On : 25 Oct 2019 15:08
 Operator : VA/SY
 Sample : K5540-18
 Misc : 6.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 159-46-(1)

Quant Time: Oct 26 00:38:22 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

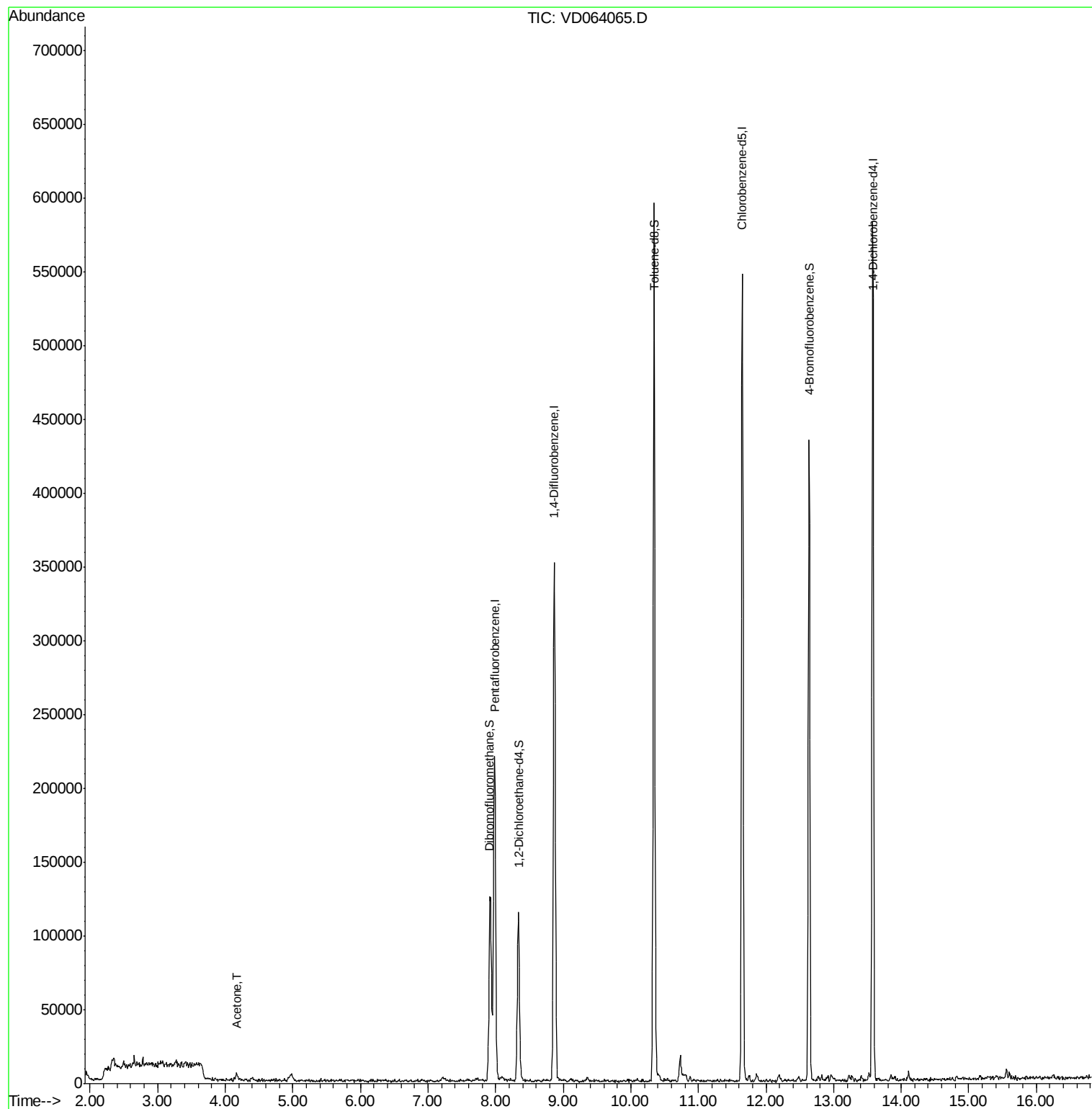
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	166436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	292339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	311272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	83484	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	7.91	113	85723	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	10.34	98	388146	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.64	95	116560	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
Target Compounds						
16) Acetone	4.17	43	6096	14.450	ug/l #	Qvalue 74

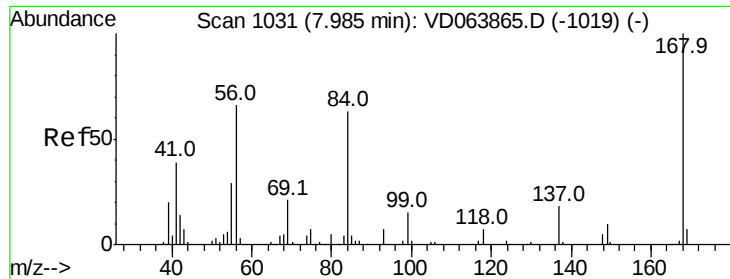
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064065.D

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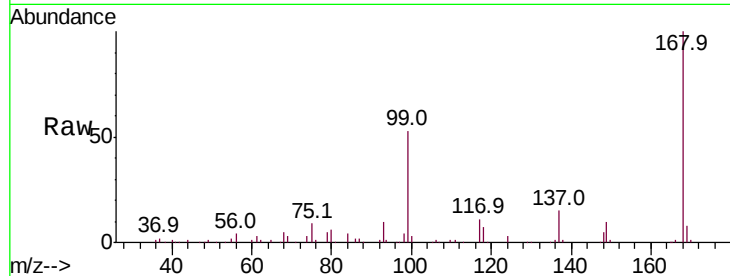
Instrument :
MSVOA_D
ClientSampleId :
159-46-(1)

Tot Ion:168 Resp: 166436

Ion Ratio Lower Upper

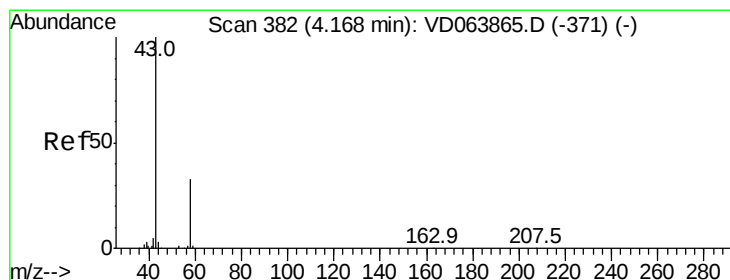
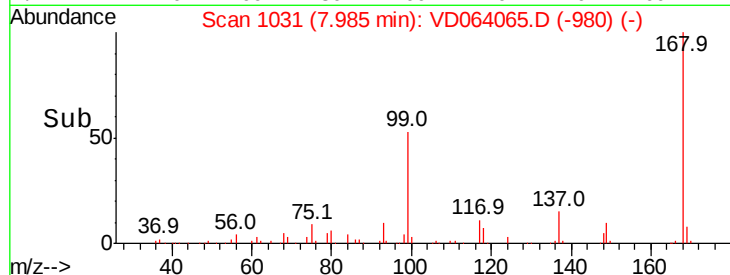
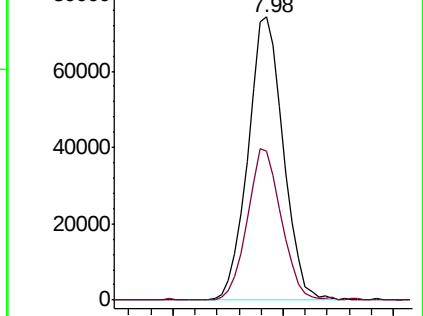
168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 14.450 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064065.D

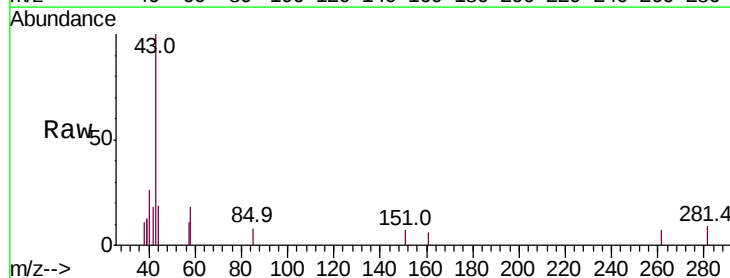
Acq: 25 Oct 2019 15:08

Tgt Ion: 43 Resp: 6096

Ion Ratio Lower Upper

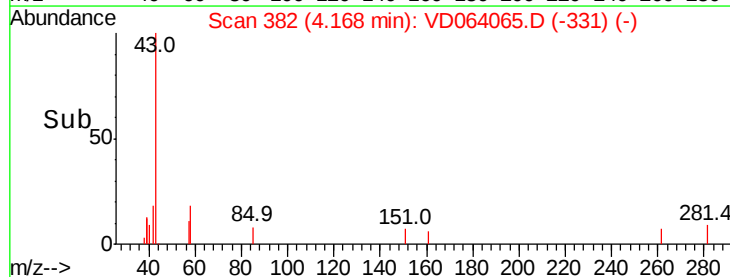
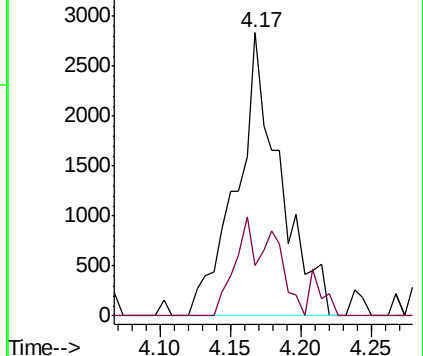
43 100

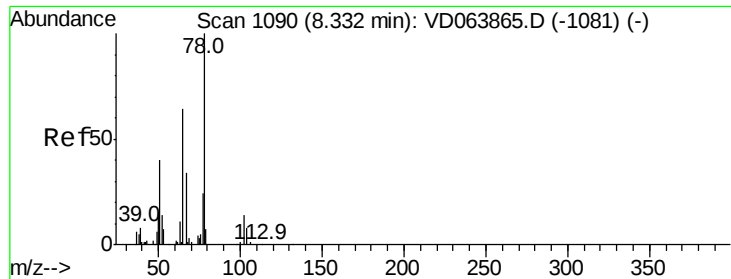
58 17.9 26.2 39.4#



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: 51.521 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064065.D

Acq: 25 Oct 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

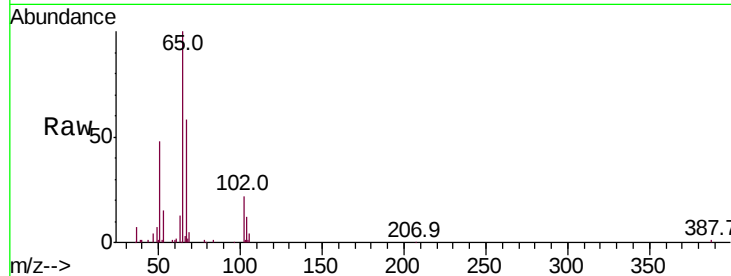
159-46-(1)

Tot Ion: 65 Resp: 83484

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

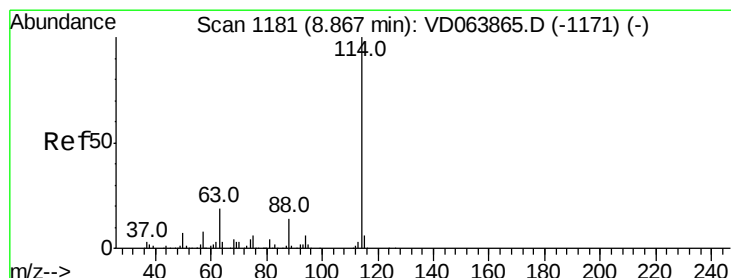
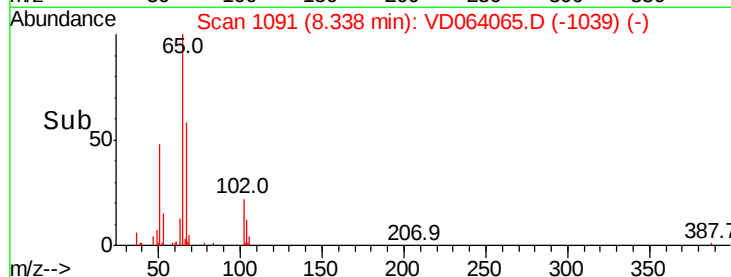
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064065.D

Acq: 25 Oct 2019 15:08

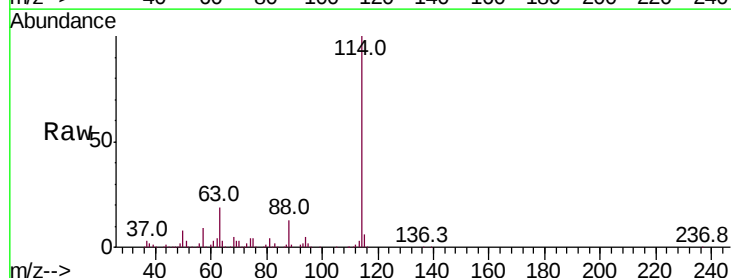
Tgt Ion: 114 Resp: 292339

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 13.3 0.0 27.4



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

8.87

200000

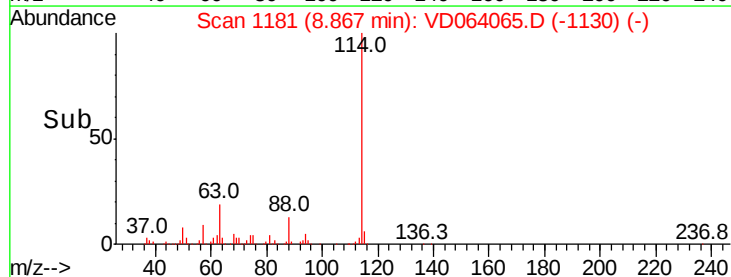
150000

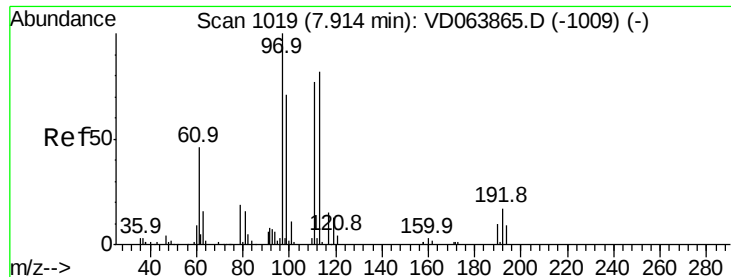
100000

50000

0

Time-->

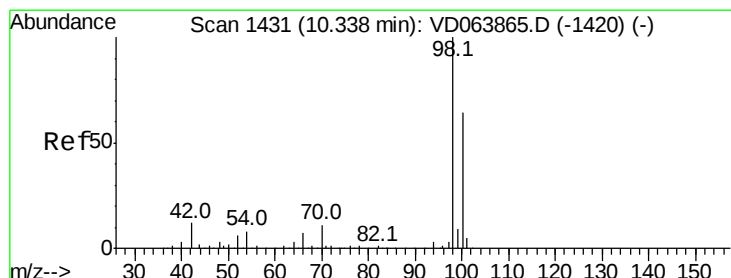
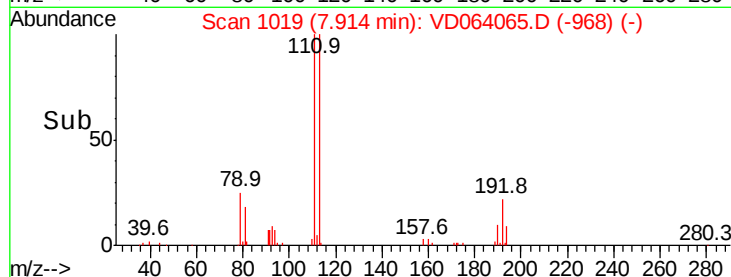
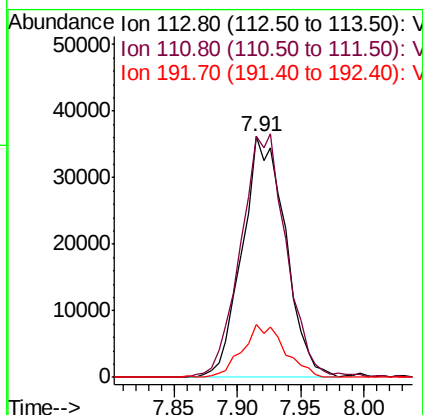
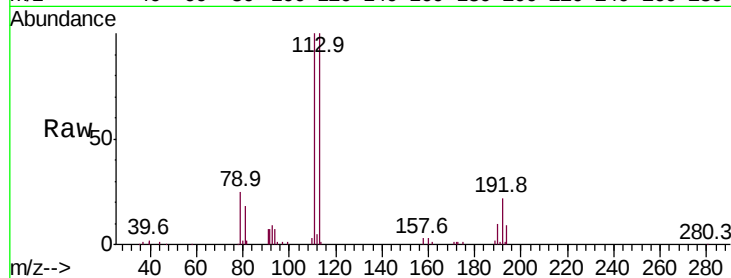




#35
 Dibromofluoromethane
 Concen: 47.982 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD064065.D
 Acq: 25 Oct 2019 15:08

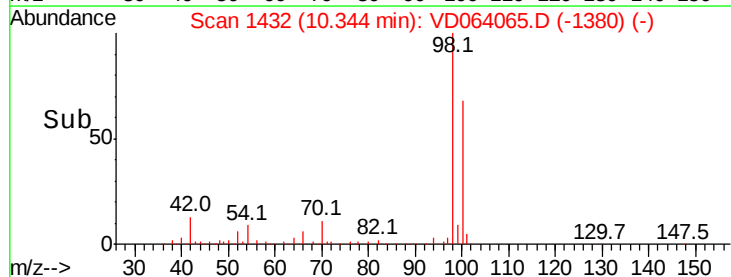
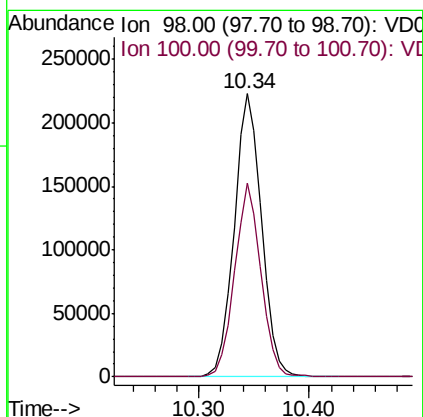
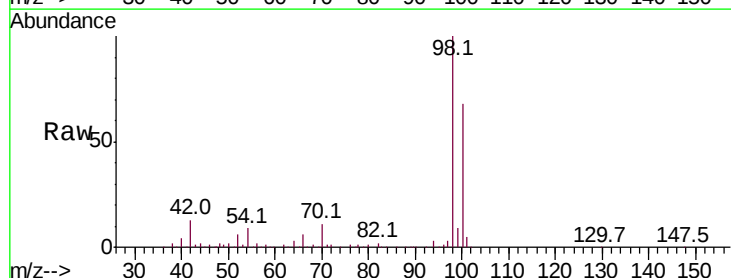
Instrument :
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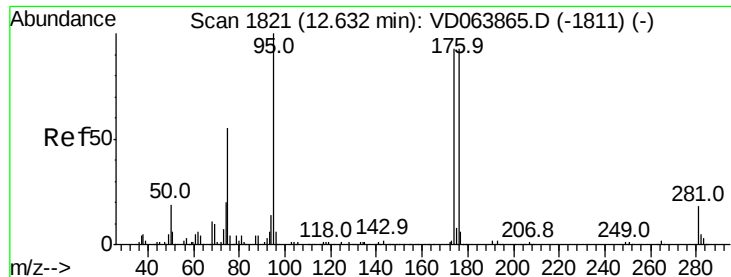
Tot Ion:113 Resp: 85723
 Ion Ratio Lower Upper
 113 100
 111 106.7 82.6 123.8
 192 21.4 17.1 25.7



#50
 Toluene-d8
 Concen: 53.527 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064065.D
 Acq: 25 Oct 2019 15:08

Tgt Ion: 98 Resp: 388146
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.1 78.1

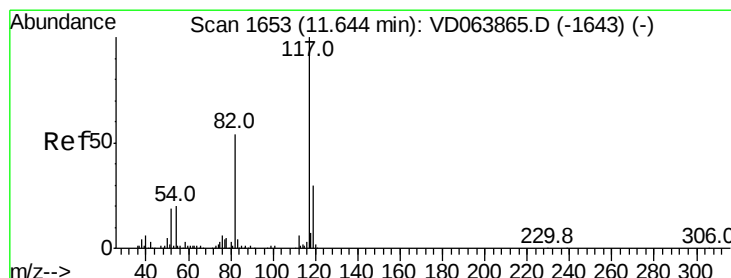
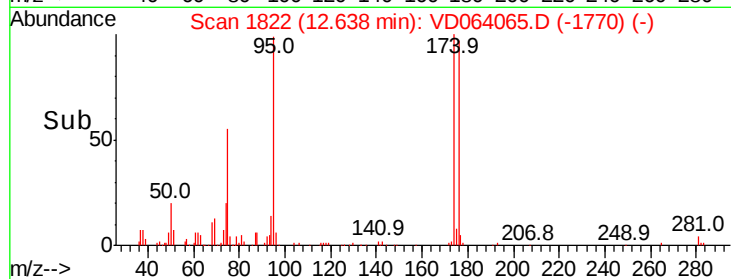
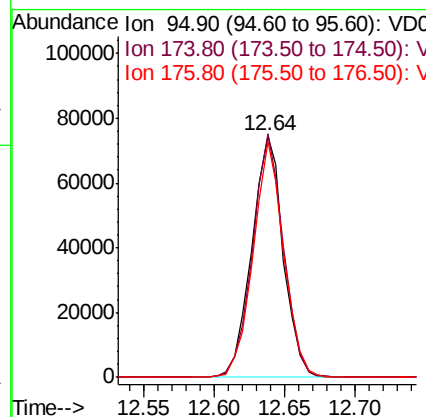
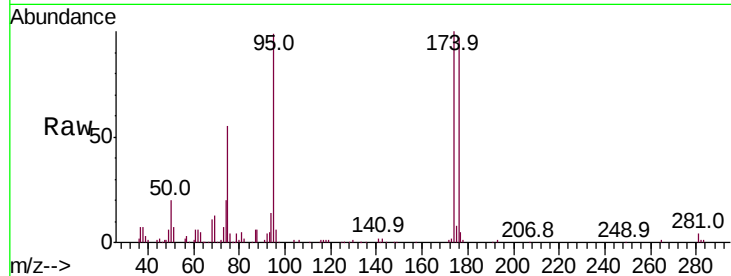




#62
4-Bromofluorobenzene
Concen: 46.256 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064065.D
Acq: 25 Oct 2019 15:08

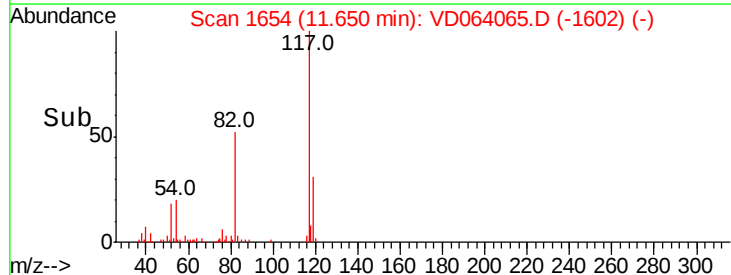
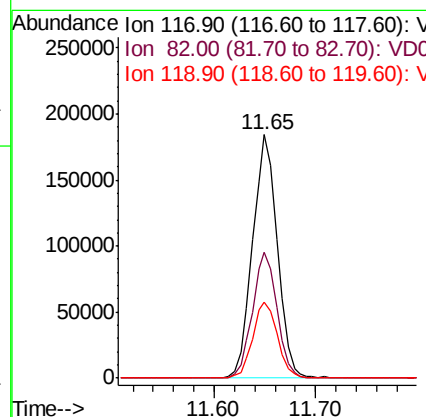
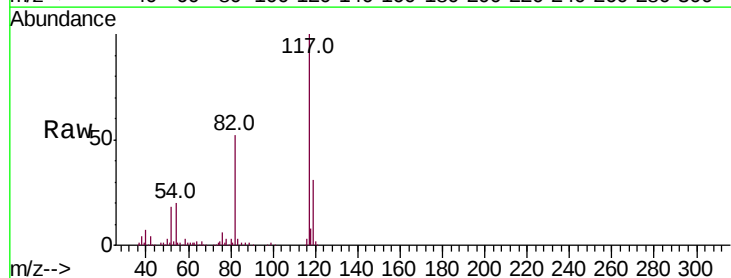
Instrument :
MSVOA_D
ClientSampleId :
159-46-(1)

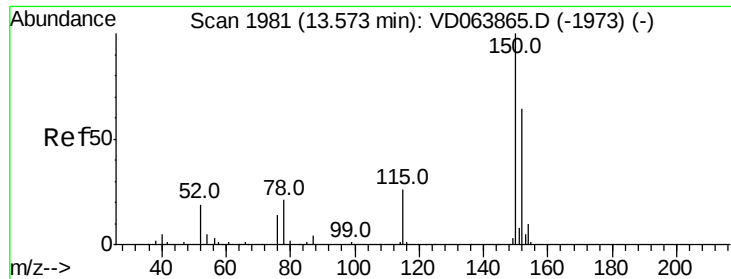
Tot Ion	95	Resp	116560
Ion Ratio	100		
Lower		0.0	186.4
Upper		0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064065.D
Acq: 25 Oct 2019 15:08

Tgt Ion	117	Resp	311272
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		42.8	64.2
Upper		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: VD064065.D

Acq: 25 Oct 2019 15:08

Instrument :

MSVOA_D

ClientSampleId :

159-46-(1)

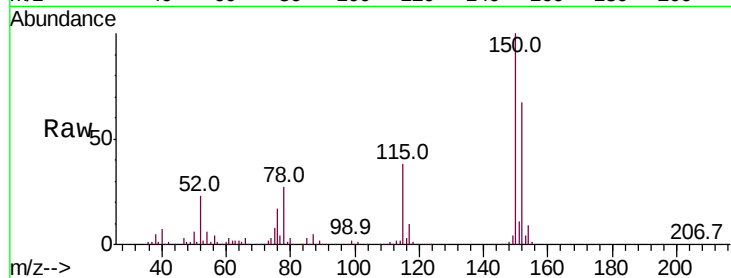
Tot Ion:152 Resp: 146997

Ion Ratio Lower Upper

152 100

115 53.9 25.9 77.7

150 154.6 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

