

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064066.D
 Acq On : 25 Oct 2019 15:37
 Operator : VA/SY
 Sample : K5540-20
 Misc : 9.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 160-04-(1)

Quant Time: Oct 26 00:39:45 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

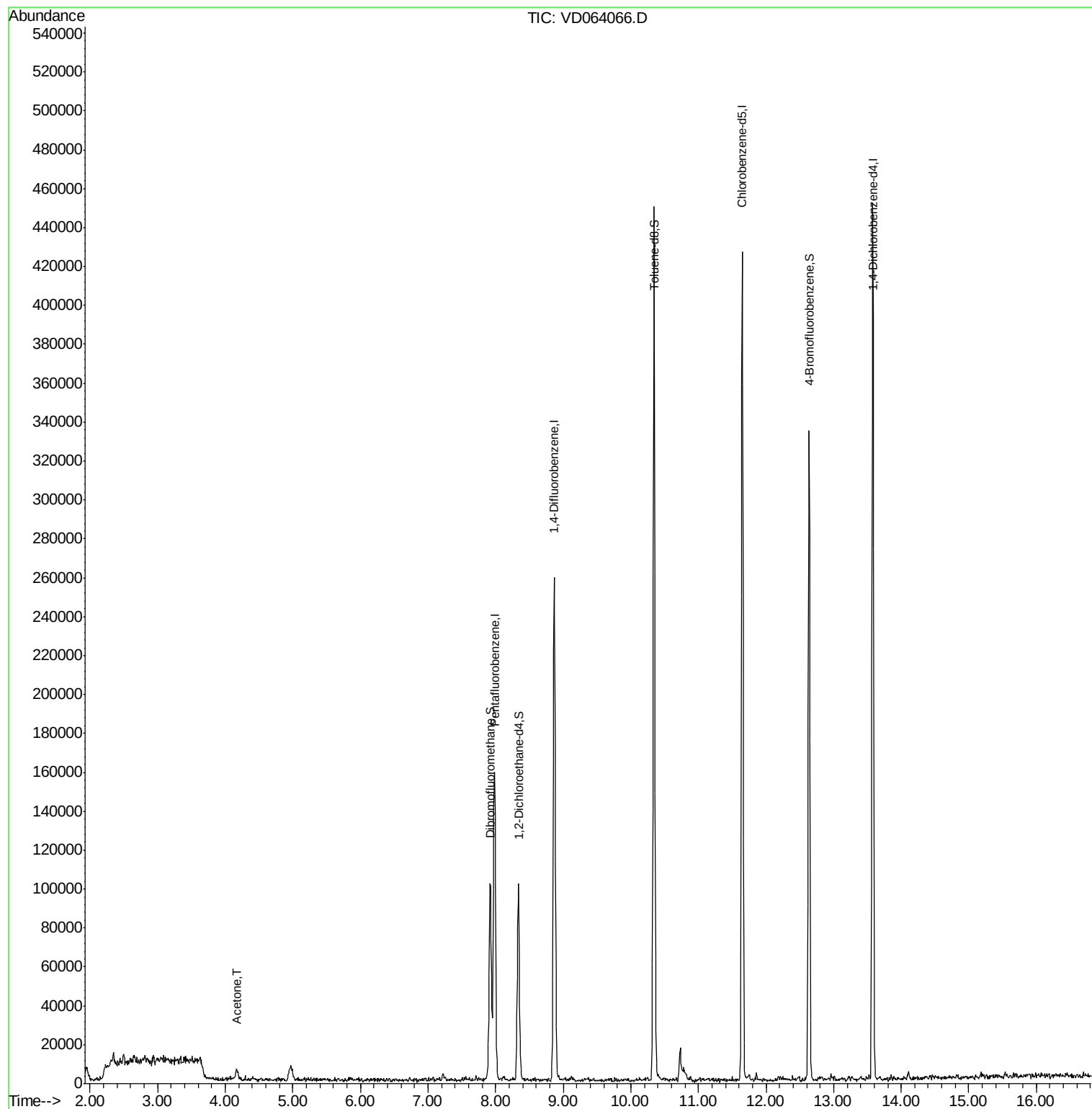
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	118783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	216690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	230877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	109703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	74951	64.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.62%	
35) Dibromofluoromethane	7.92	113	69807	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	10.34	98	288396	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.64	95	91619	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
Target Compounds						
16) Acetone	4.17	43	9154	30.403	ug/l #	Qvalue 72

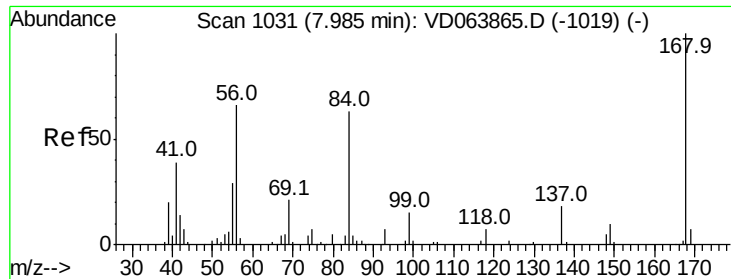
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064066.D

Acq: 25 Oct 2019 15:37

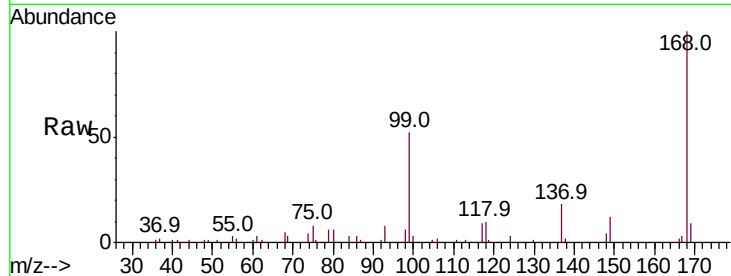
Instrument :
MSVOA_D
ClientSampleId :
160-04-(1)

Tot Ion:168 Resp: 118783

Ion Ratio Lower Upper

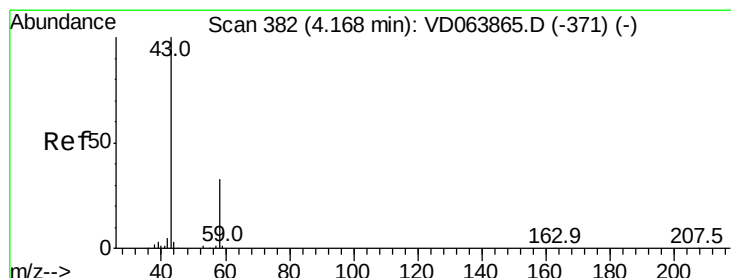
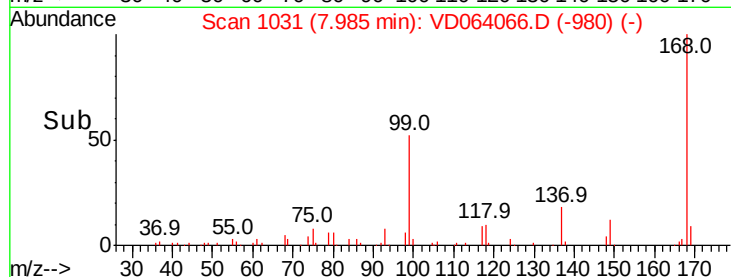
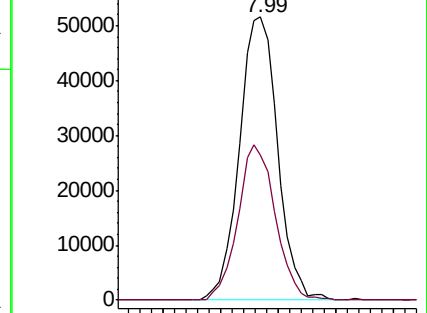
168 100

99 51.5 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: 30.403 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064066.D

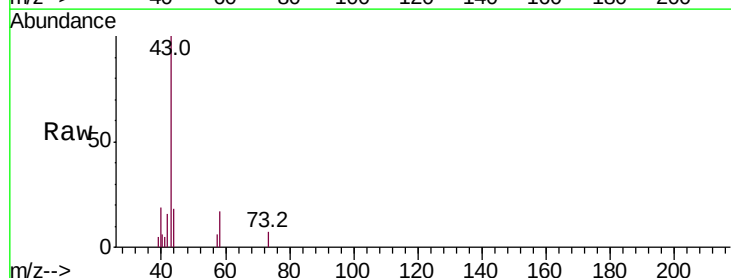
Acq: 25 Oct 2019 15:37

Tgt Ion: 43 Resp: 9154

Ion Ratio Lower Upper

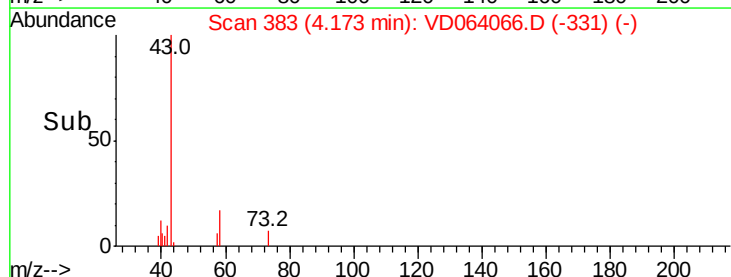
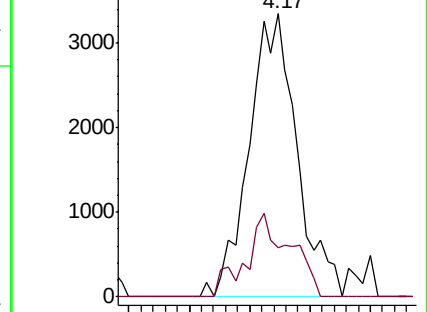
43 100

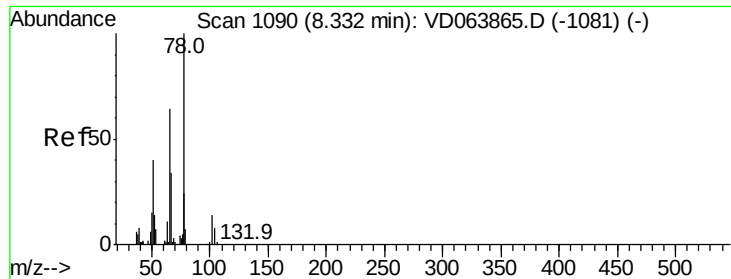
58 17.2 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

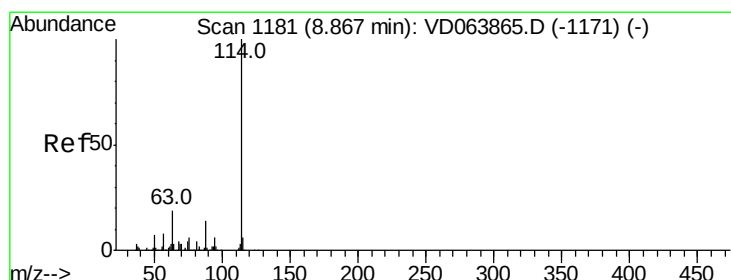
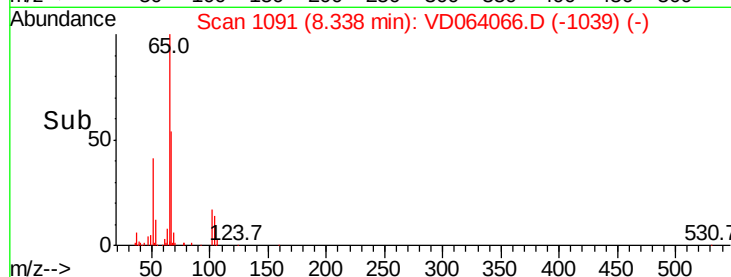
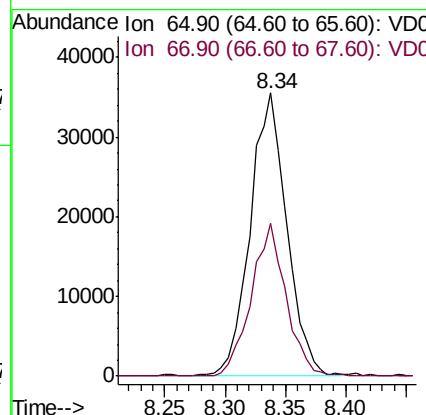
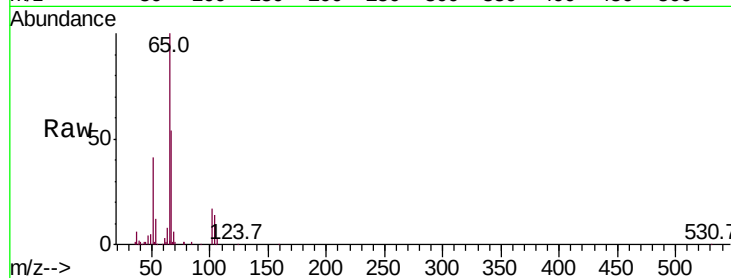




#33
 1,2-Dichloroethane-d4
 Concen: 64.812 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064066.D
 Acq: 25 Oct 2019 15:37

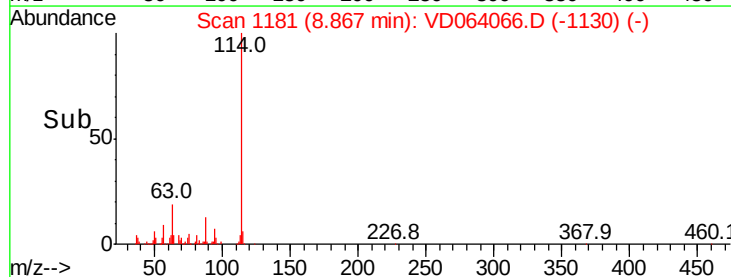
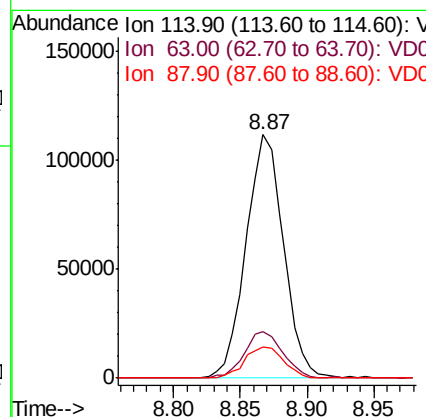
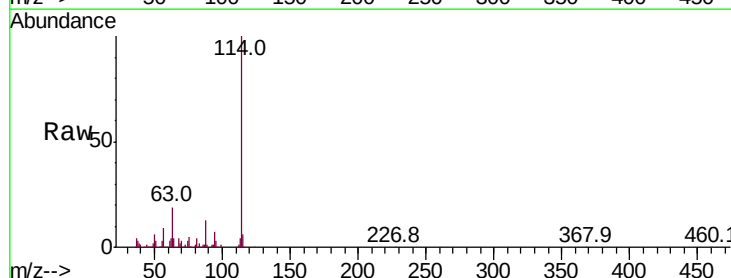
Instrument :
 MSVOA_D
 ClientSampleId :
 160-04-(1)

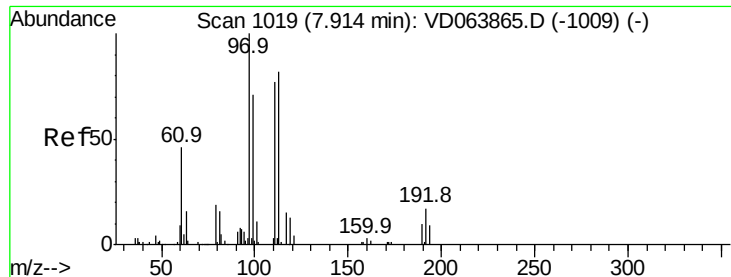
Tot Ion: 65 Resp: 74951
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064066.D
 Acq: 25 Oct 2019 15:37

Tgt Ion: 114 Resp: 216690
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 12.7 0.0 27.4

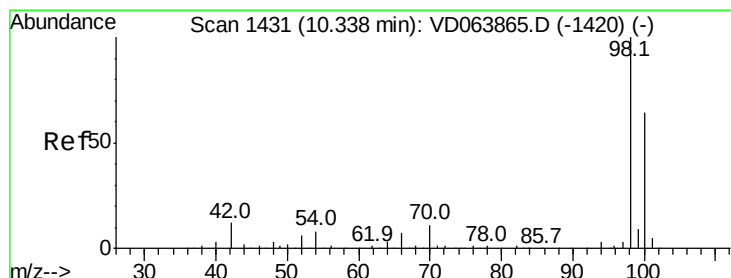
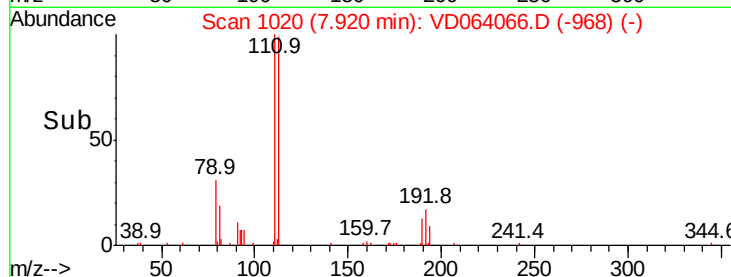
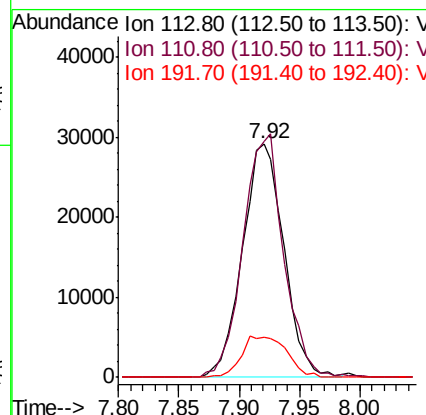
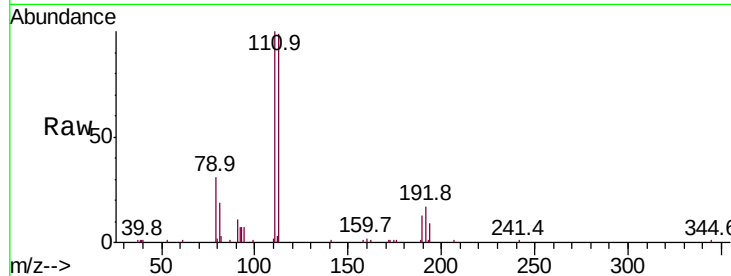




#35
Dibromofluoromethane
Concen: 52.714 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD064066.D
Acq: 25 Oct 2019 15:37

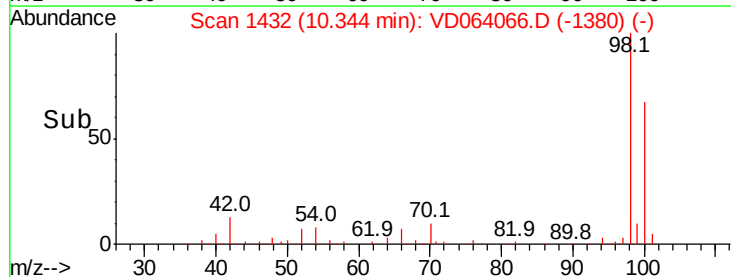
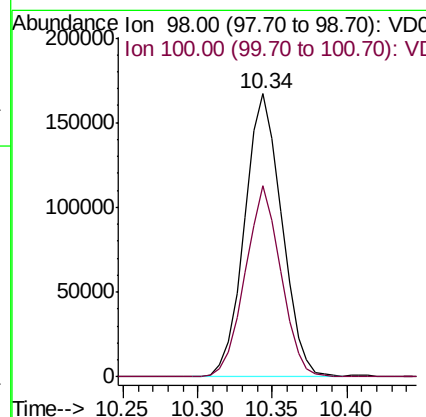
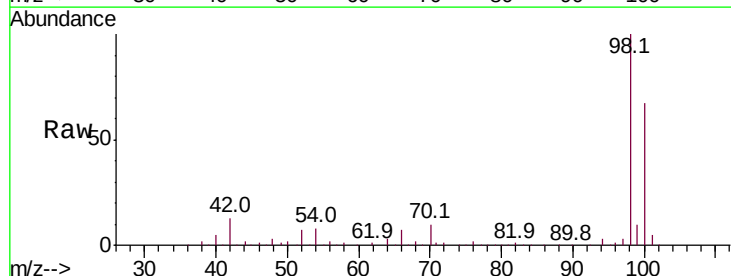
Instrument :
MSVOA_D
ClientSampleId :
160-04-(1)

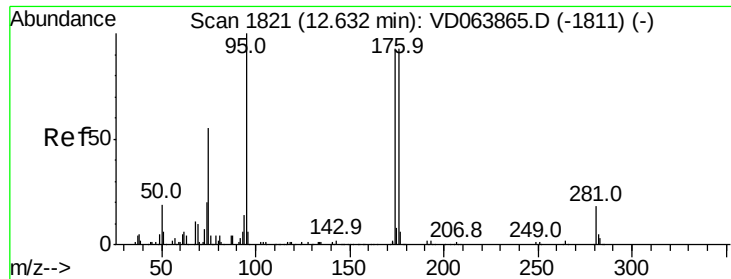
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.1	17.1	25.7



#50
Toluene-d8
Concen: 53.655 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064066.D
Acq: 25 Oct 2019 15:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 49.052 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064066.D

Acq: 25 Oct 2019 15:37

Instrument :

MSVOA_D

ClientSampleId :

160-04-(1)

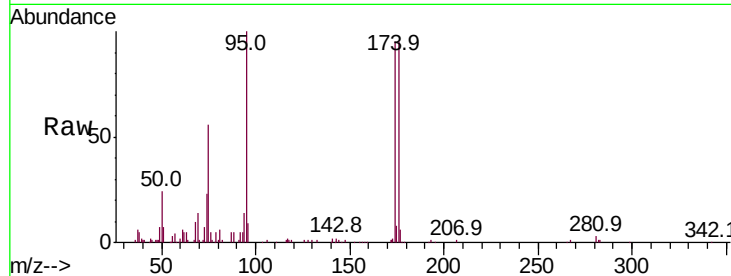
Tot Ion: 95 Resp: 91619

Ion Ratio Lower Upper

95 100

174 92.9 0.0 186.4

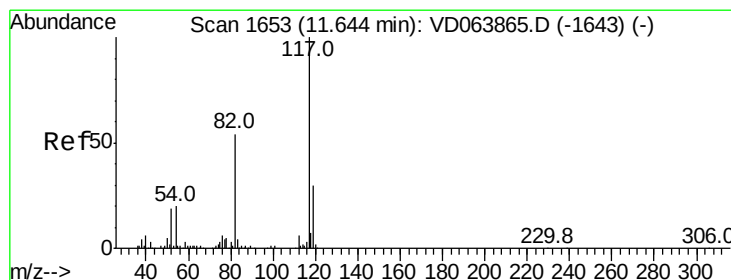
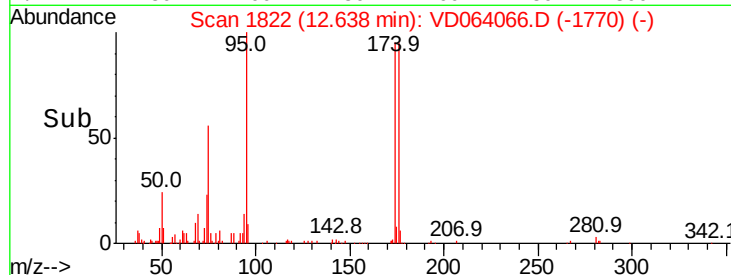
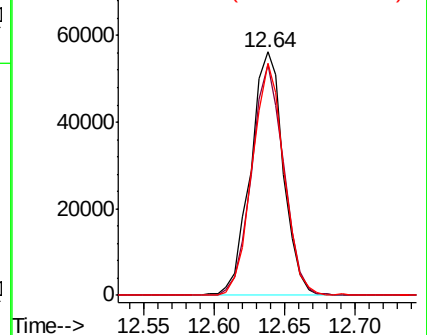
176 92.4 0.0 184.2



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. 0.01 min

Lab File: VD064066.D

Acq: 25 Oct 2019 15:37

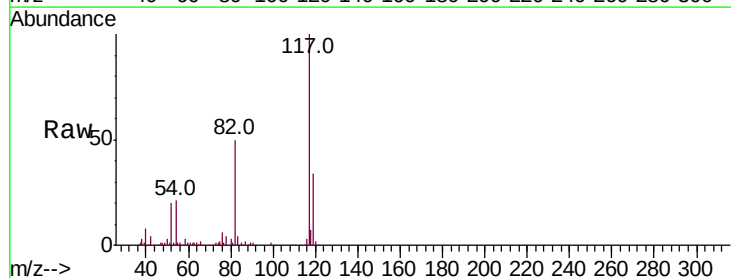
Tgt Ion: 117 Resp: 230877

Ion Ratio Lower Upper

117 100

82 50.1 42.8 64.2

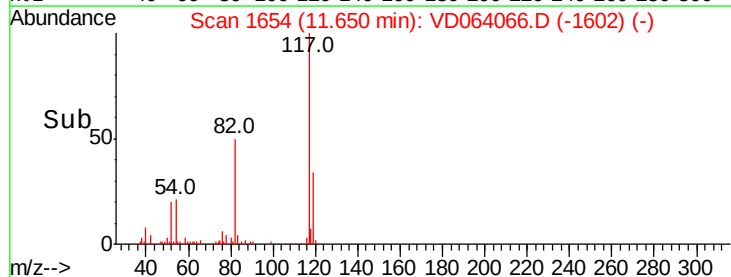
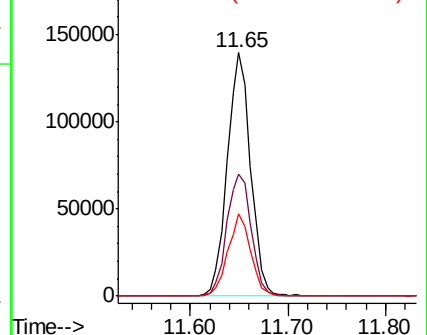
119 33.9 24.4 36.6

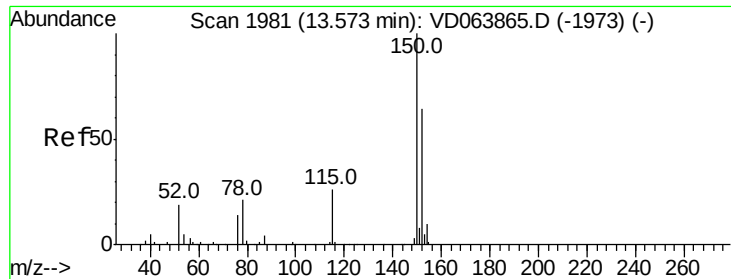


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1982

Delta R.T. 0.01 min

Lab File: VD064066.D

Acq: 25 Oct 2019 15:37

Instrument :

MSVOA_D

ClientSampleId :

160-04-(1)

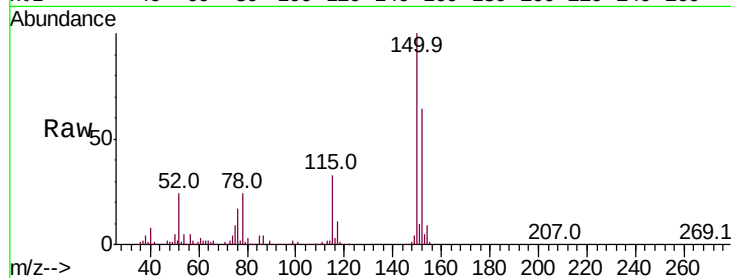
Tot Ion:152 Resp: 109703

Ion Ratio Lower Upper

152 100

115 54.8 25.9 77.7

150 160.6 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

