

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064031.D
 Acq On : 23 Oct 2019 20:05
 Operator : VA/SY
 Sample : K5498-18
 Misc : 4.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 193-10-(1)

Quant Time: Oct 24 06:58:33 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	130790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	253059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	277579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121575	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	77869	61.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.30%	
35) Dibromofluoromethane	7.92	113	81031	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
50) Toluene-d8	10.34	98	364980	58.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.28%	
62) 4-Bromofluorobenzene	12.64	95	108771	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	

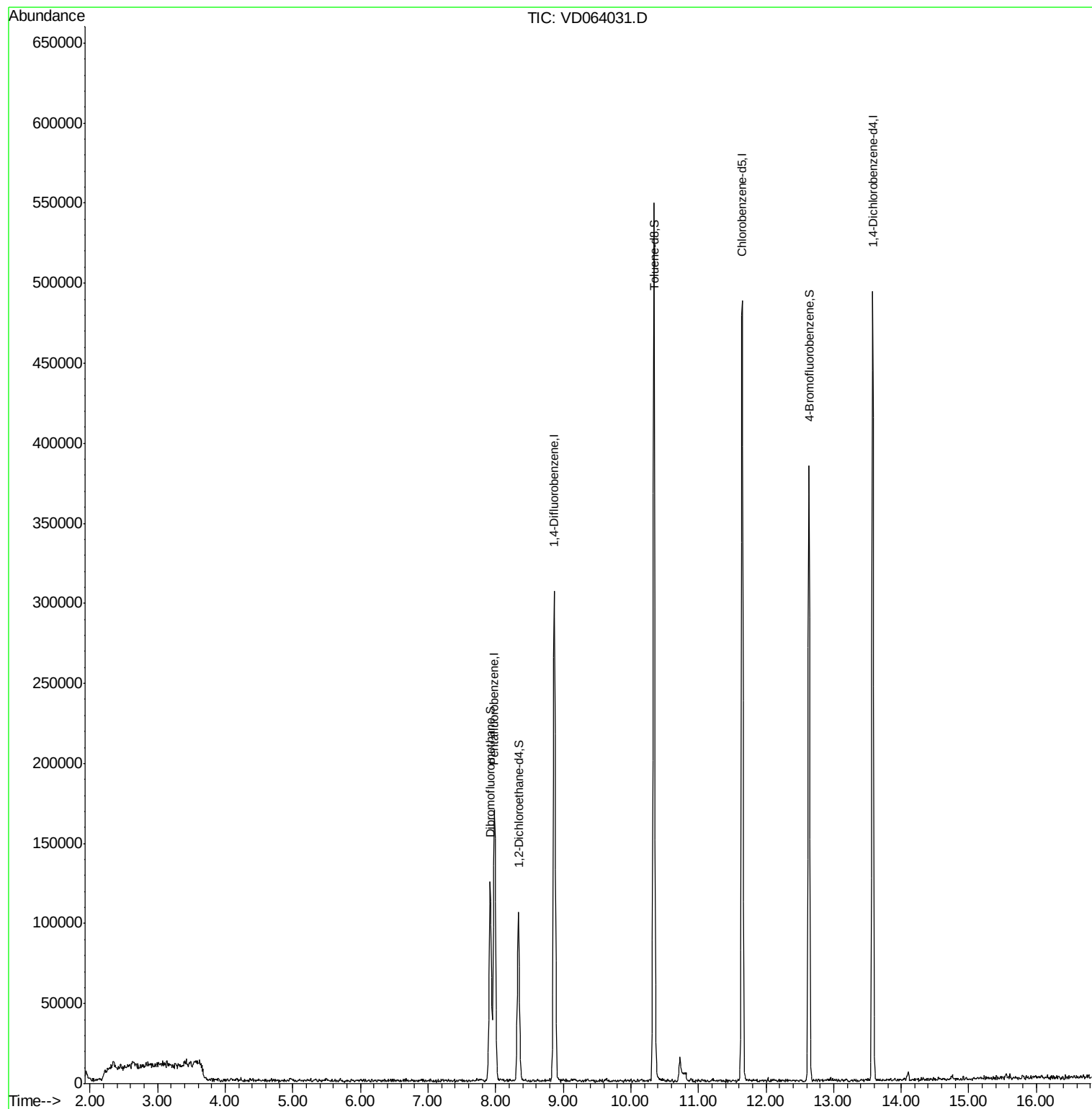
Target Compounds	Qvalue
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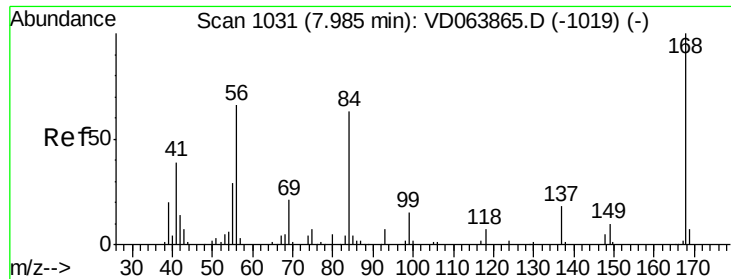
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. -0.01 min

Lab File: VD064031.D

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Instrument :

MSVOA_D

ClientSampleId :

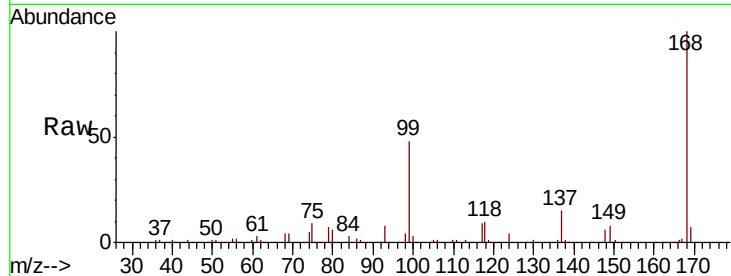
193-10-(1)

Tot Ion:168 Resp: 130790

Ion Ratio Lower Upper

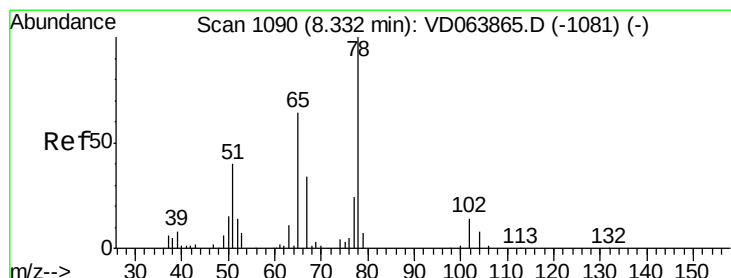
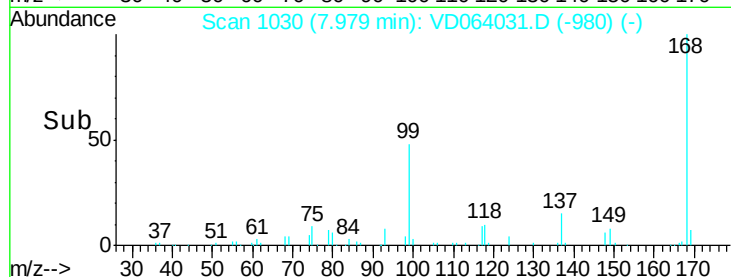
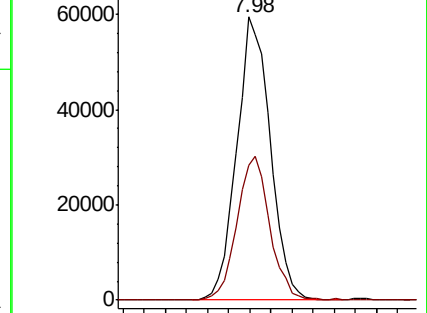
168 100

99 47.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 61.153 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064031.D

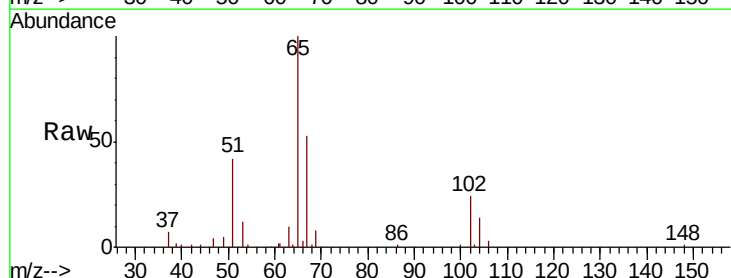
Acq: 23 Oct 2019 20:05

Tgt Ion: 65 Resp: 77869

Ion Ratio Lower Upper

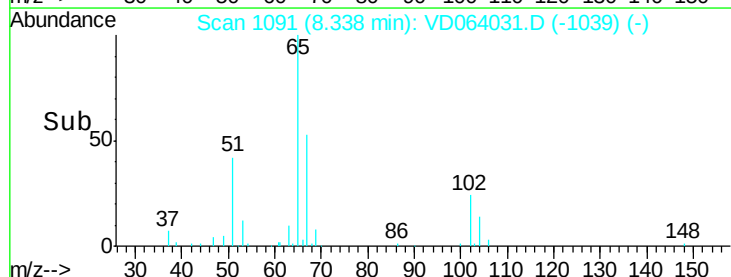
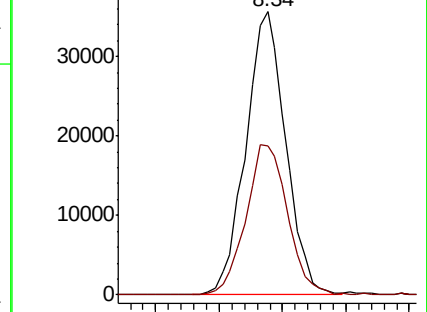
65 100

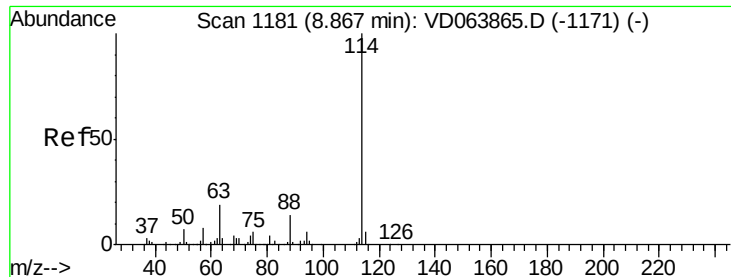
67 55.3 0.0 106.4



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# 1181

Delta R.T. 0.00 min

Lab File: VD064031.D

Acq: 23 Oct 2019 20:05

Instrument :

MSVOA_D

ClientSampleId :

193-10-(1)

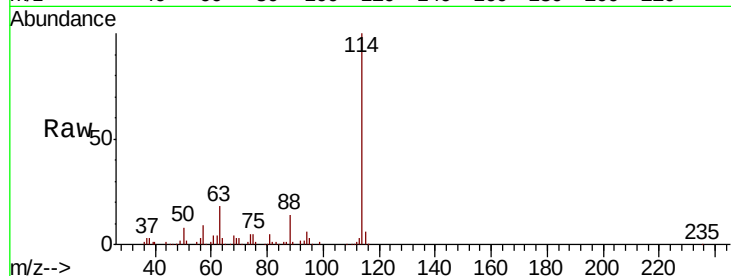
Tot Ion:114 Resp: 253059

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

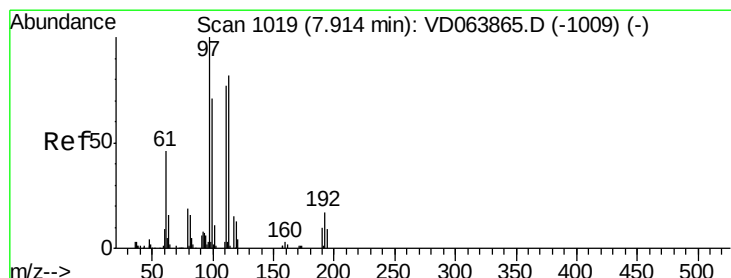
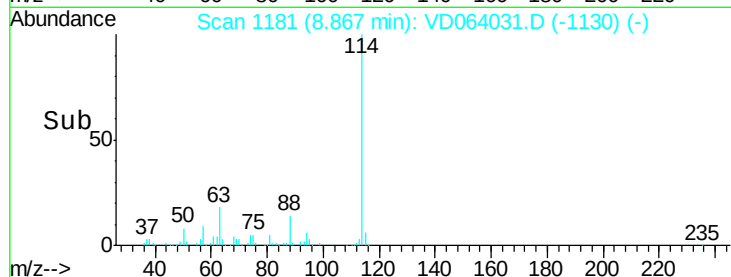
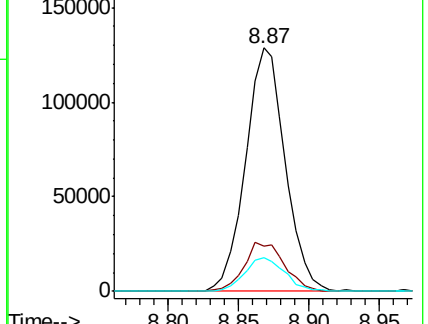
88 14.0 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 52.396 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064031.D

Acq: 23 Oct 2019 20:05

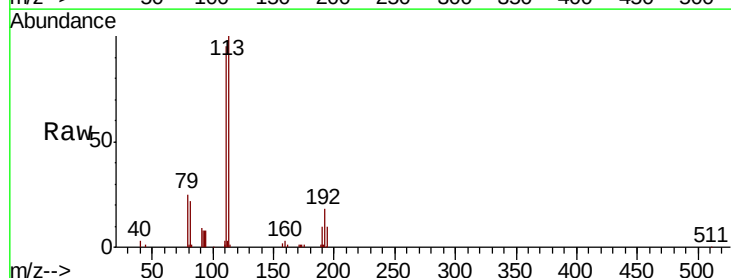
Tgt Ion:113 Resp: 81031

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

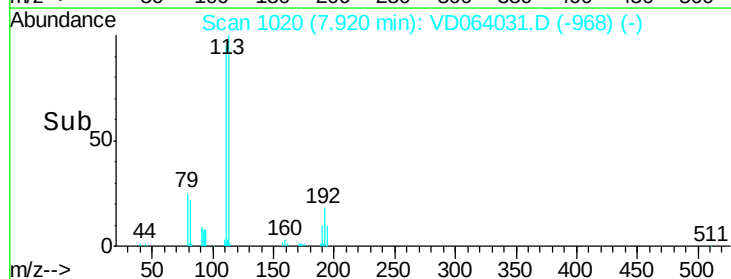
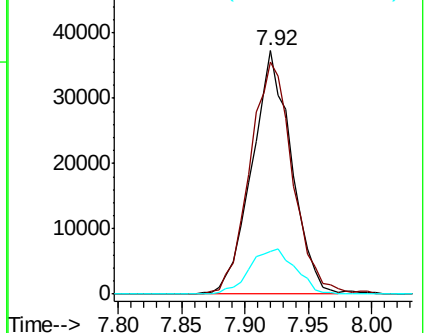
192 21.5 17.1 25.7

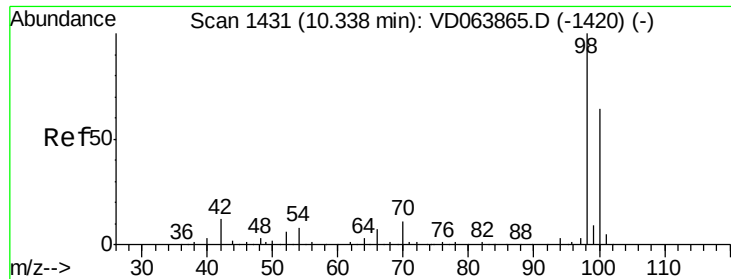


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

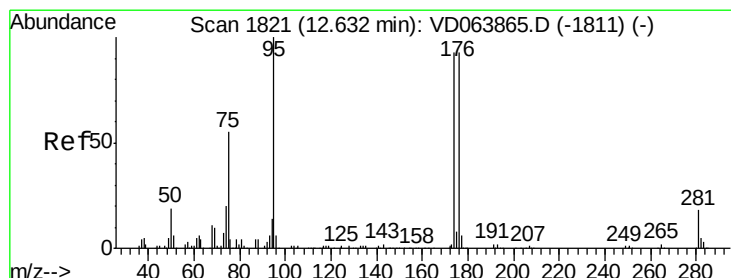
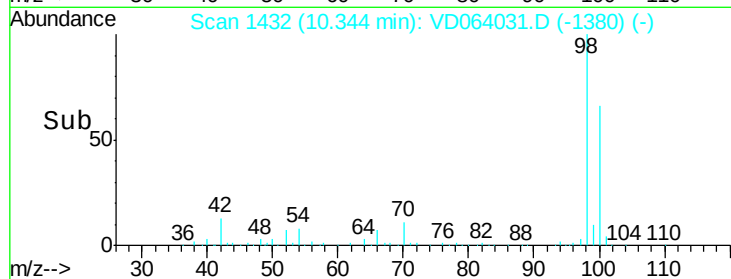
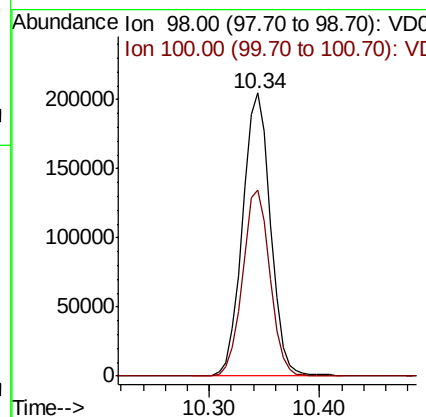
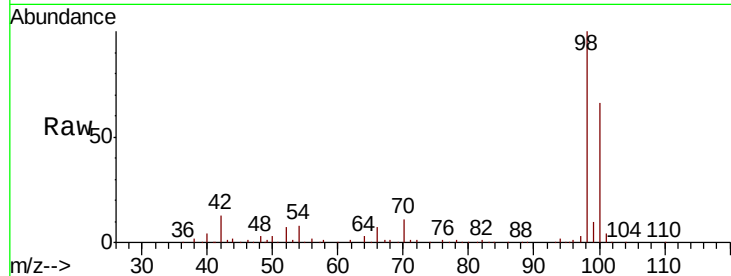




#50
Toluene-d8
Concen: 58.145 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064031.D
Acq: 23 Oct 2019 20:05

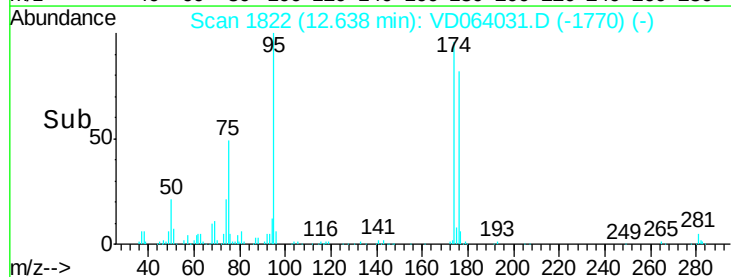
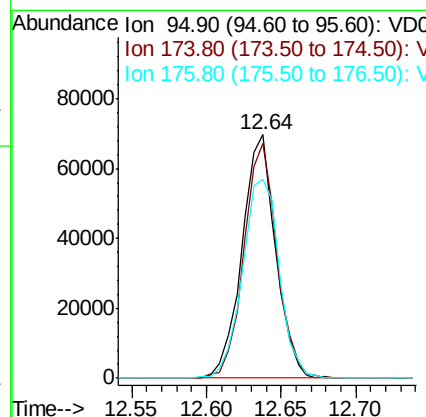
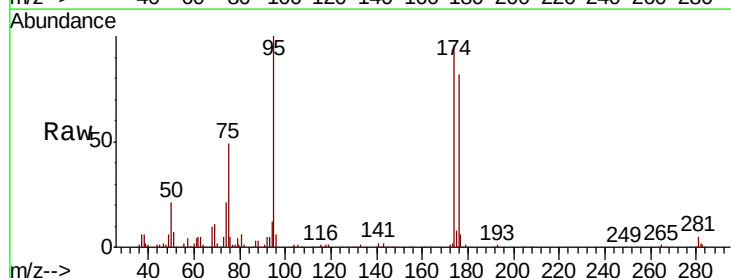
Instrument :
MSVOA_D
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193-10-(1)

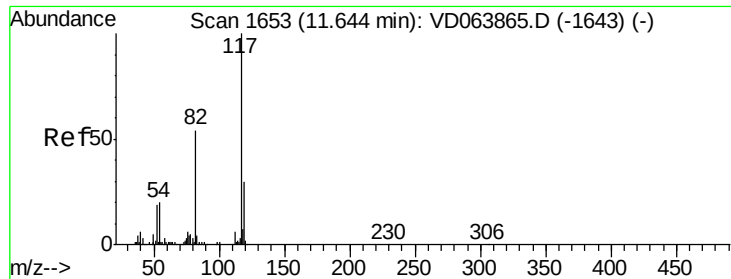
Tot Ion: 98 Resp: 364980
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.866 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064031.D
Acq: 23 Oct 2019 20:05

Tgt Ion: 95 Resp: 108771
Ion Ratio Lower Upper
95 100
174 94.7 0.0 186.4
176 89.2 0.0 184.2

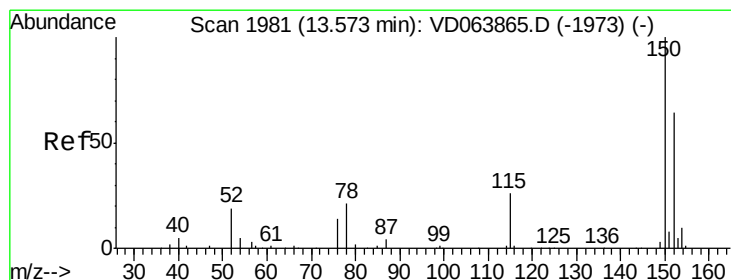
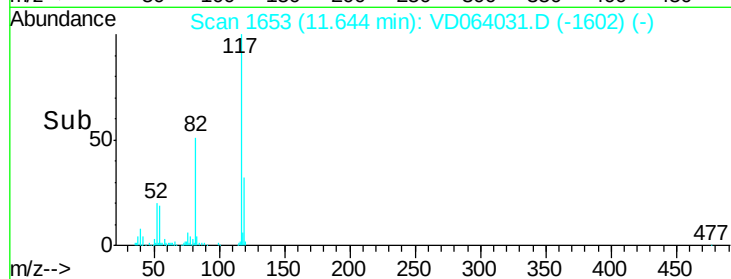
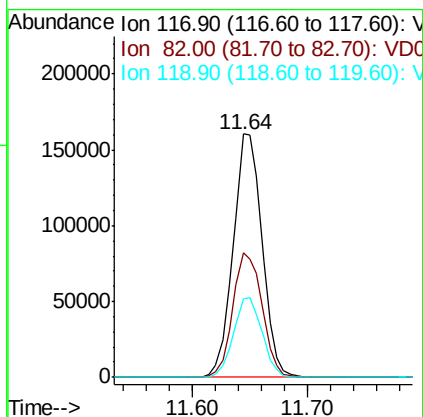
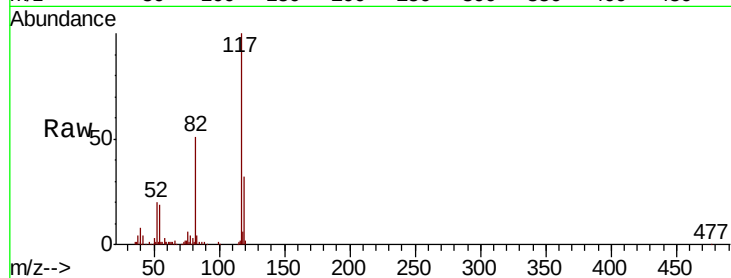




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD064031.D
Acq: 23 Oct 2019 20:05

Instrument :
MSVOA_D
ClientSampleId :
193-10-(1)

Tot Ion:117 Resp: 277579
Ion Ratio Lower Upper
117 100
82 51.1 42.8 64.2
119 32.1 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: VD064031.D
Acq: 23 Oct 2019 20:05

Tgt Ion:152 Resp: 121575
Ion Ratio Lower Upper
152 100
115 56.2 25.9 77.7
150 159.3 0.0 344.2

