

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064137.D
 Acq On : 31 Oct 2019 17:19
 Operator : VA/SY
 Sample : K5602-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190939-COMPOSITE-B

Quant Time: Nov 01 08:01:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

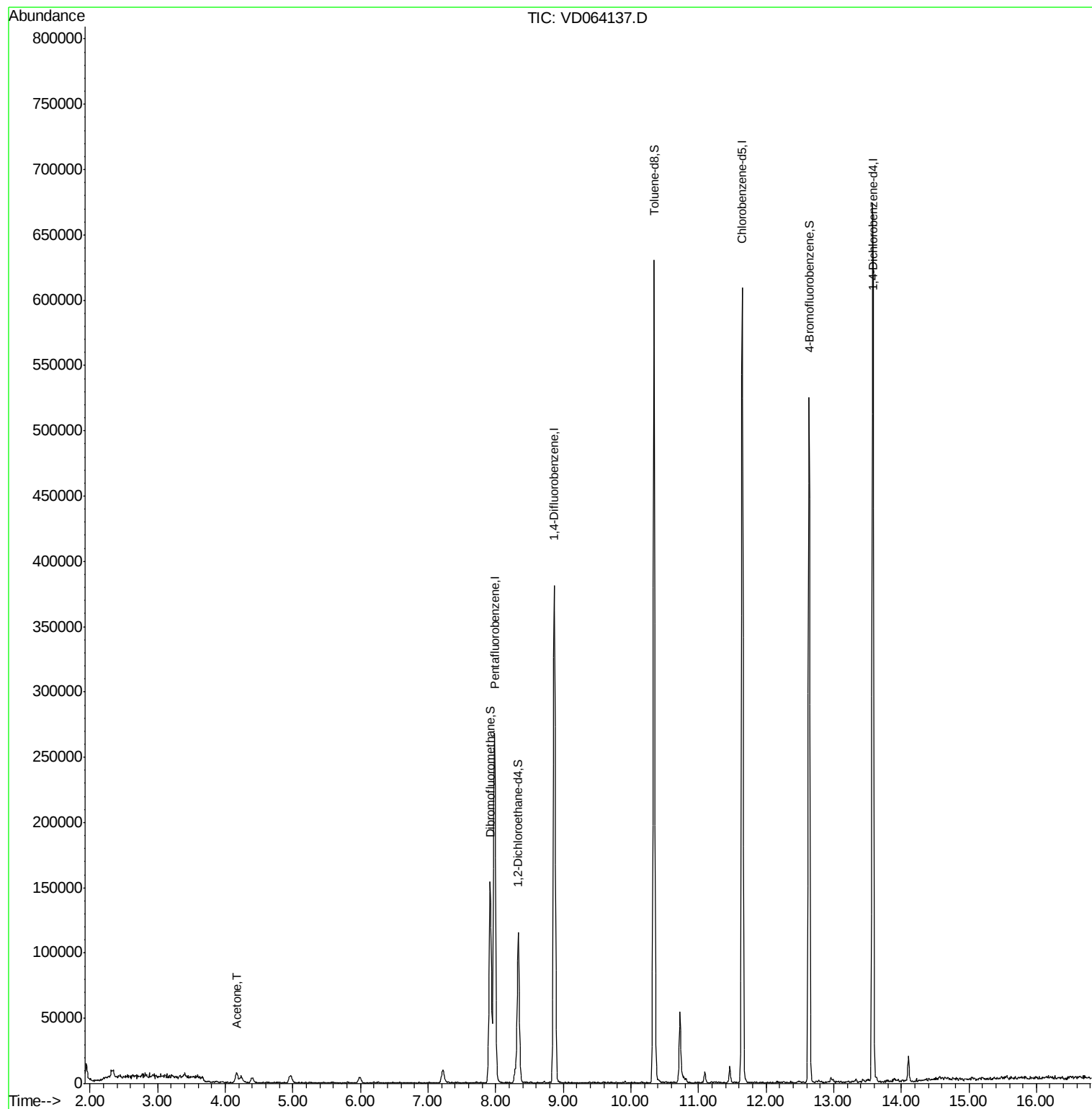
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	214253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	344753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	363720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	89486	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
35) Dibromofluoromethane	7.92	113	104367	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.34	98	423359	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.64	95	145137	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
Target Compounds						
16) Acetone	4.17	43	14624	45.106	ug/l #	Qvalue 83

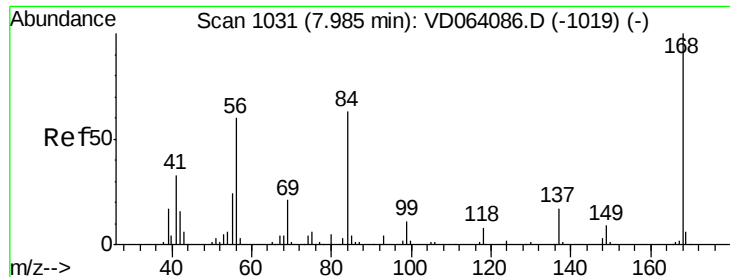
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064137.D

Acq: 31 Oct 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

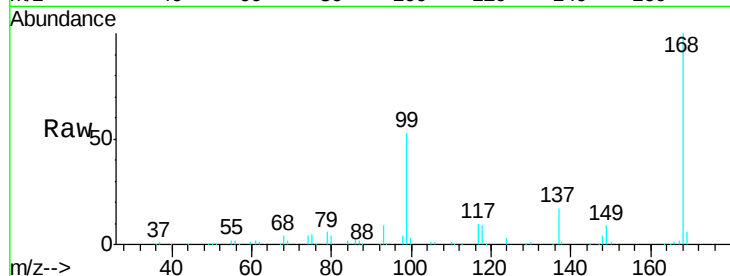
20190939-COMPOSITE-B

Tgt Ion:168 Resp: 214253

Ion Ratio Lower Upper

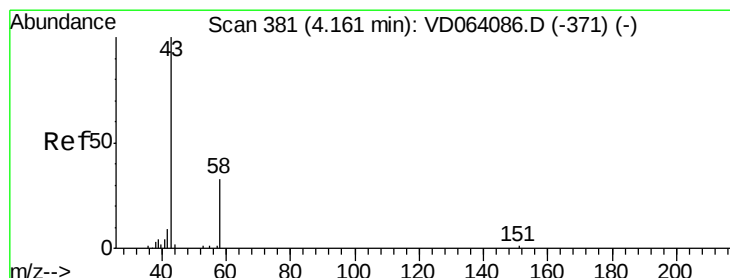
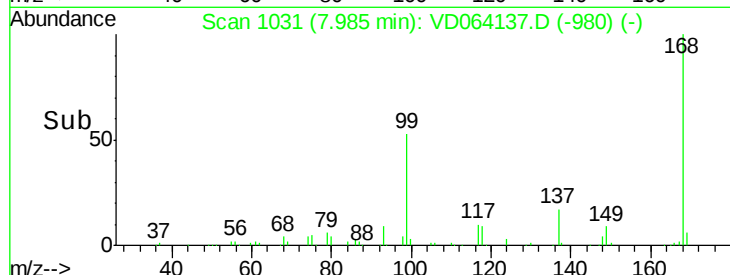
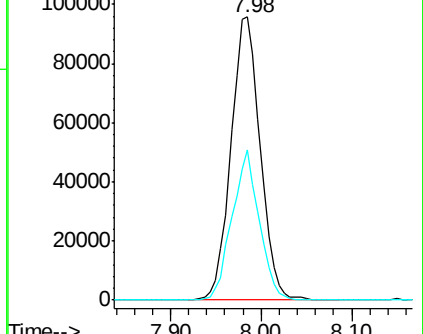
168 100

99 53.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 45.106 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064137.D

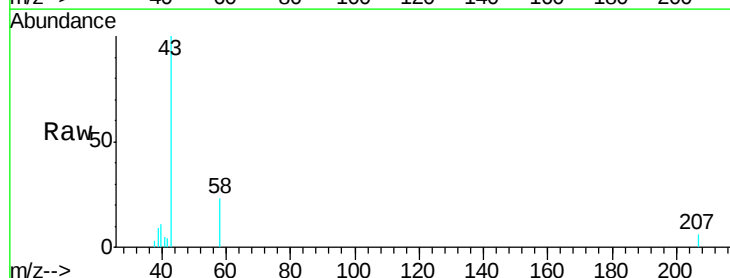
Acq: 31 Oct 2019 17:19

Tgt Ion: 43 Resp: 14624

Ion Ratio Lower Upper

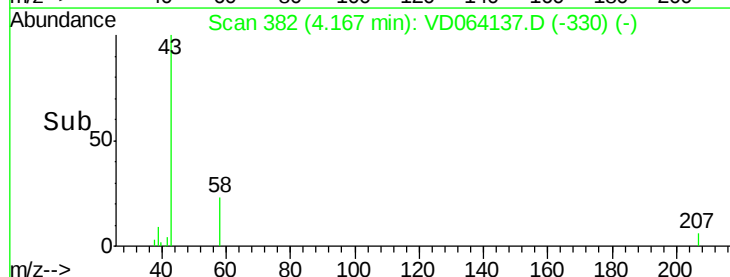
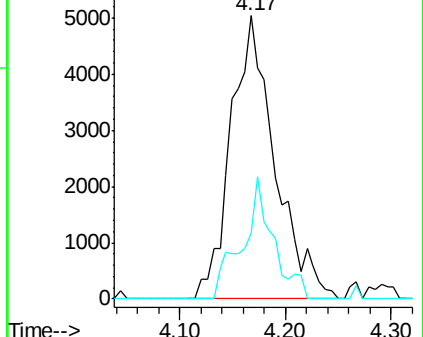
43 100

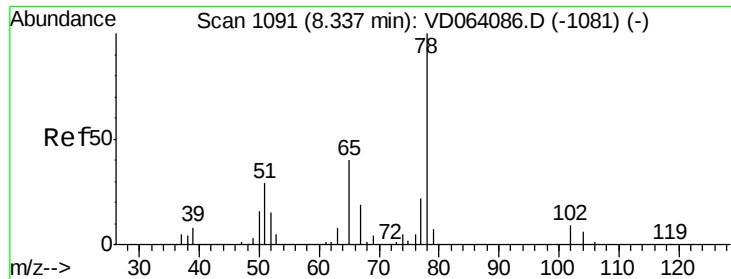
58 23.3 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

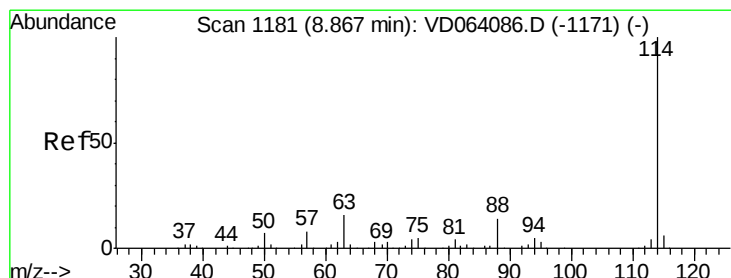
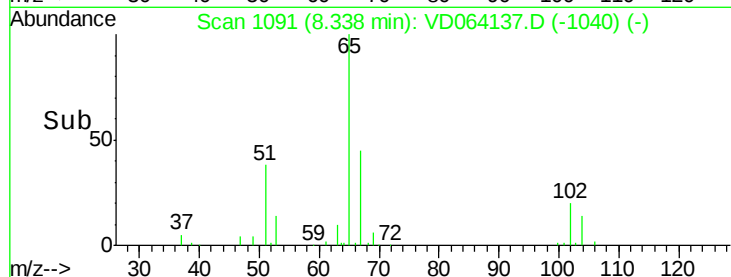
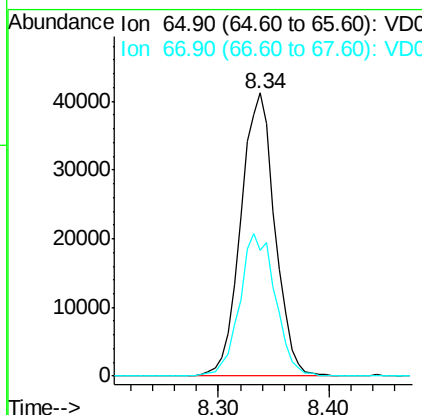
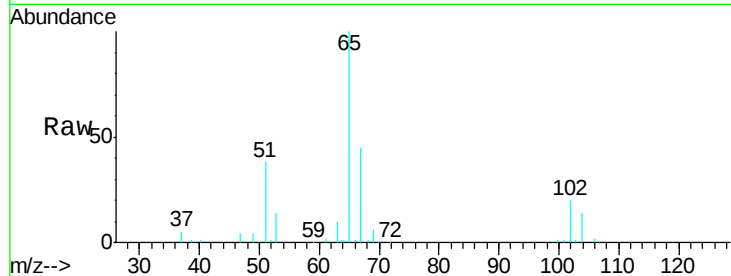




#33
 1,2-Dichloroethane-d4
 Concen: 52.516 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064137.D
 Acq: 31 Oct 2019 17:19

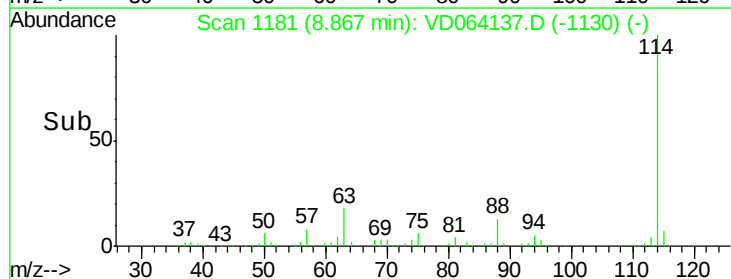
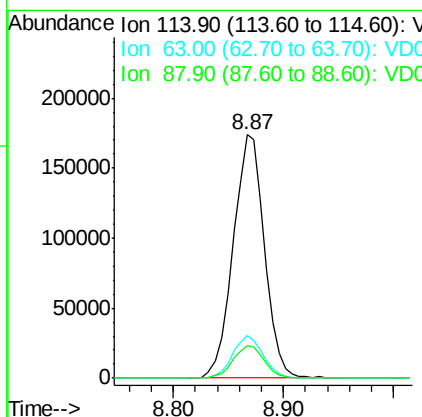
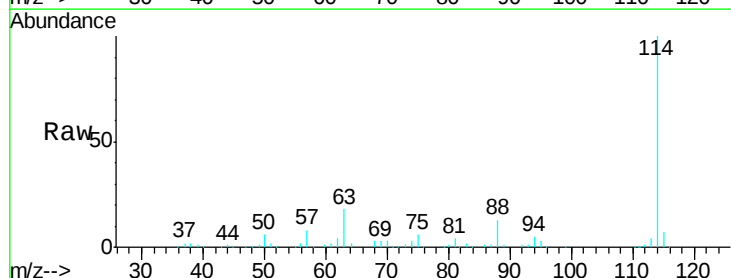
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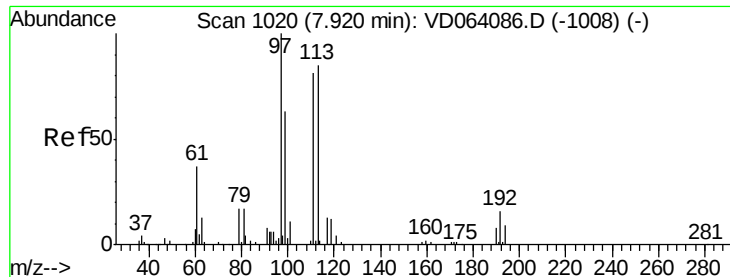
Tgt Ion: 65 Resp: 89486
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064137.D
 Acq: 31 Oct 2019 17:19

Tgt Ion: 114 Resp: 344753
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 32.8
 88 13.2 0.0 27.6

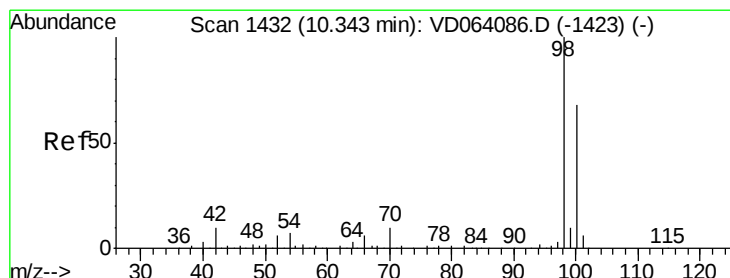
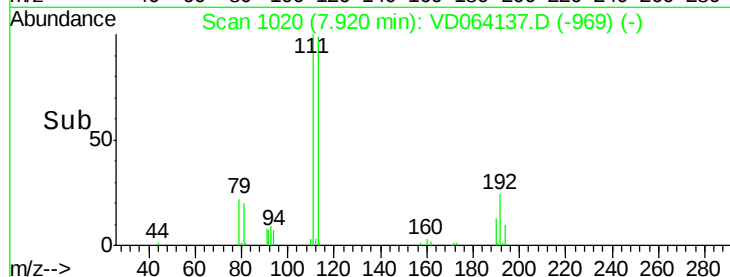
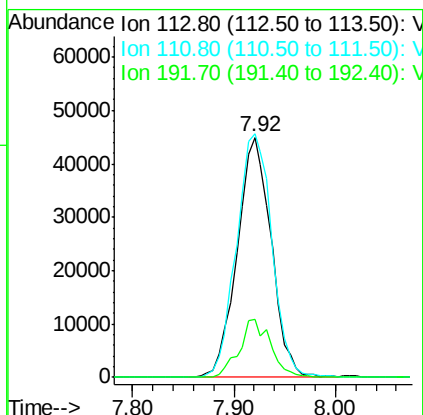
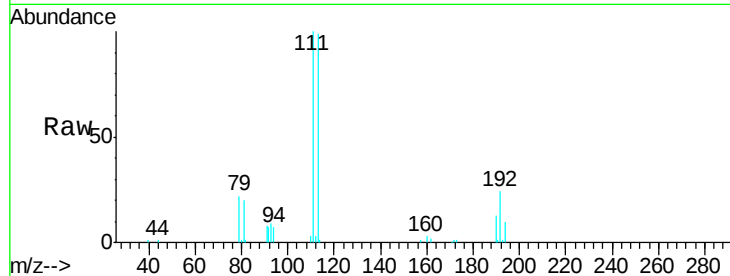




#35
Dibromofluoromethane
Concen: 49.206 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064137.D
Acq: 31 Oct 2019 17:19

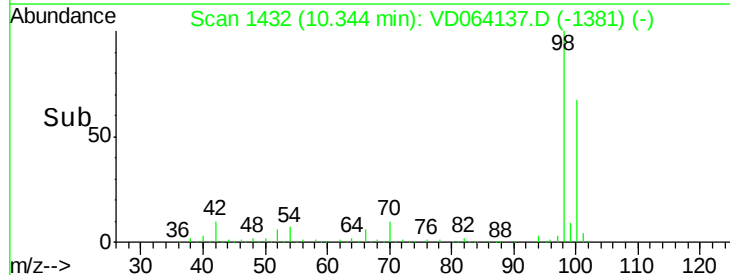
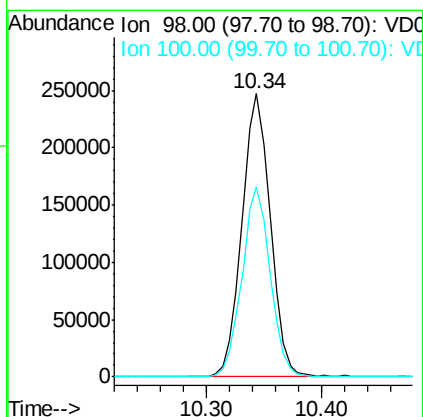
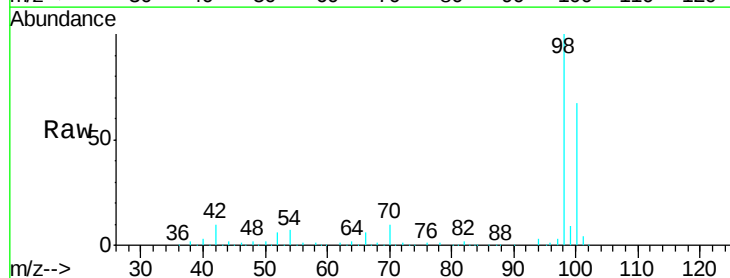
Instrument :
MSVOA_D
ClientSampleId :
20190939-COMPOSITE-B

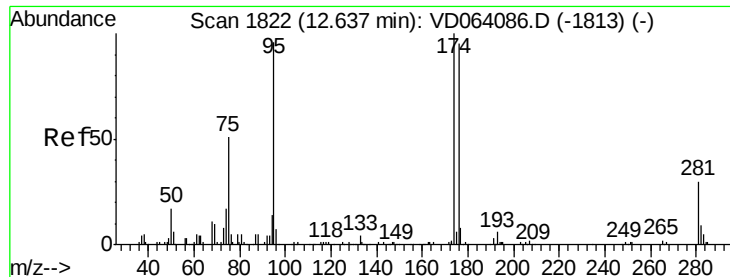
Tgt Ion:113 Resp: 104367
Ion Ratio Lower Upper
113 100
111 106.1 79.3 118.9
192 22.1 16.2 24.2



#50
Toluene-d8
Concen: 49.911 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064137.D
Acq: 31 Oct 2019 17:19

Tgt Ion: 98 Resp: 423359
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0

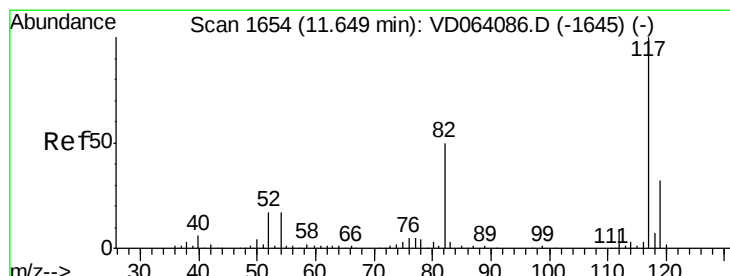
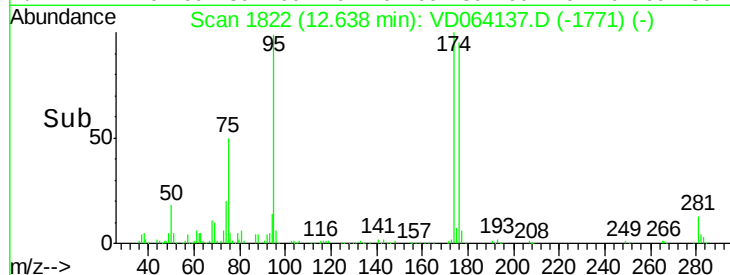
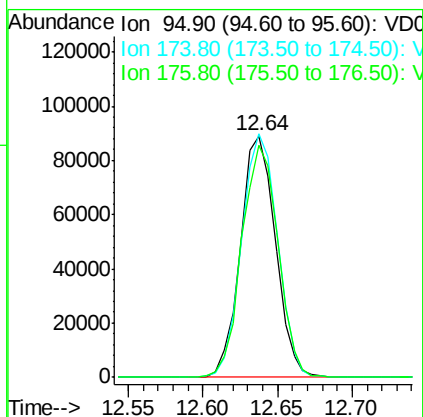
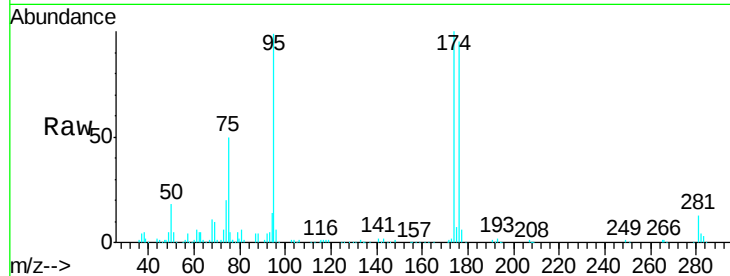




#62
4-Bromofluorobenzene
Concen: 51.611 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064137.D
Acq: 31 Oct 2019 17:19

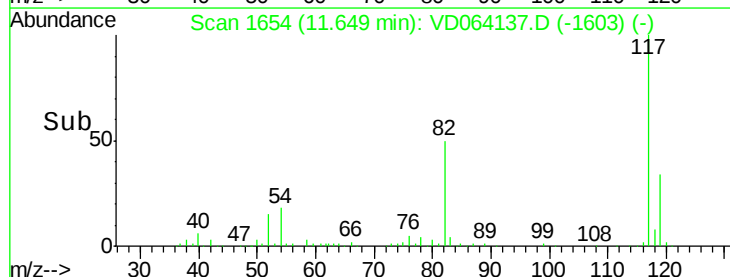
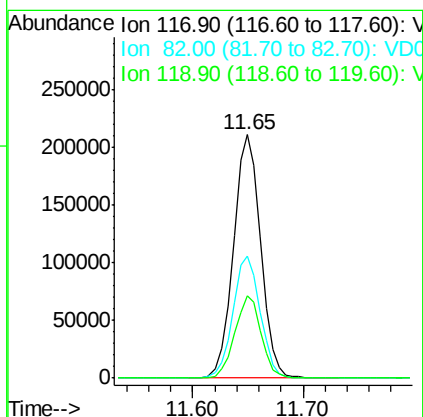
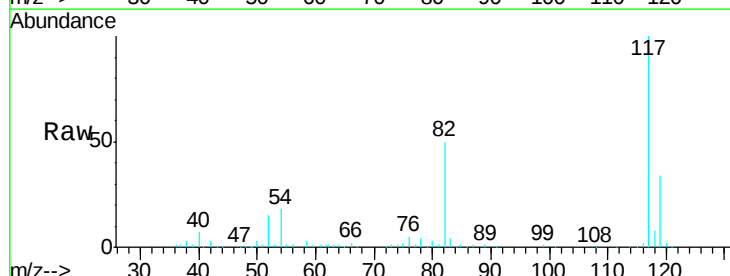
Instrument :
MSVOA_D
ClientSampleId :
20190939-COMPOSITE-B

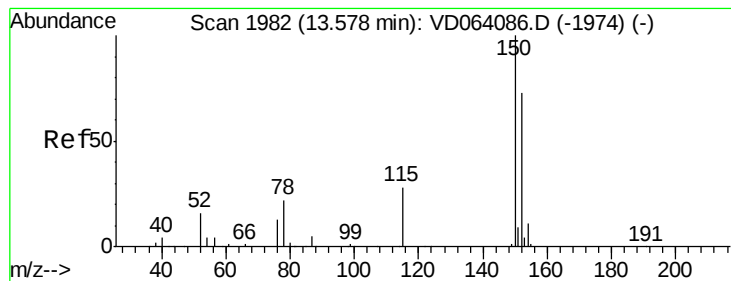
Tgt Ion: 95 Resp: 145137
Ion Ratio Lower Upper
95 100
174 102.7 0.0 201.6
176 99.5 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064137.D
Acq: 31 Oct 2019 17:19

Tgt Ion: 117 Resp: 363720
Ion Ratio Lower Upper
117 100
82 50.3 40.2 60.4
119 33.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064137.D

Acq: 31 Oct 2019 17:19

Instrument :

MSVOA_D

ClientSampleId :

20190939-COMPOSITE-B

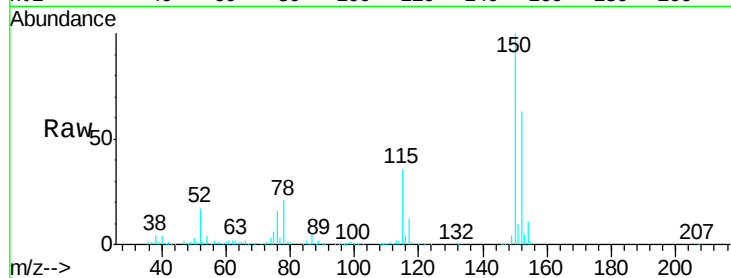
Tgt Ion:152 Resp: 186839

Ion Ratio Lower Upper

152 100

115 54.7 26.2 78.6

150 153.3 0.0 338.8



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

