

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066639.D
 Acq On : 11 Sep 2020 04:02
 Operator : VA/SY
 Sample : L3939-05
 Misc : 3.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B41-090820-12-13

Quant Time: Sep 11 04:23:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

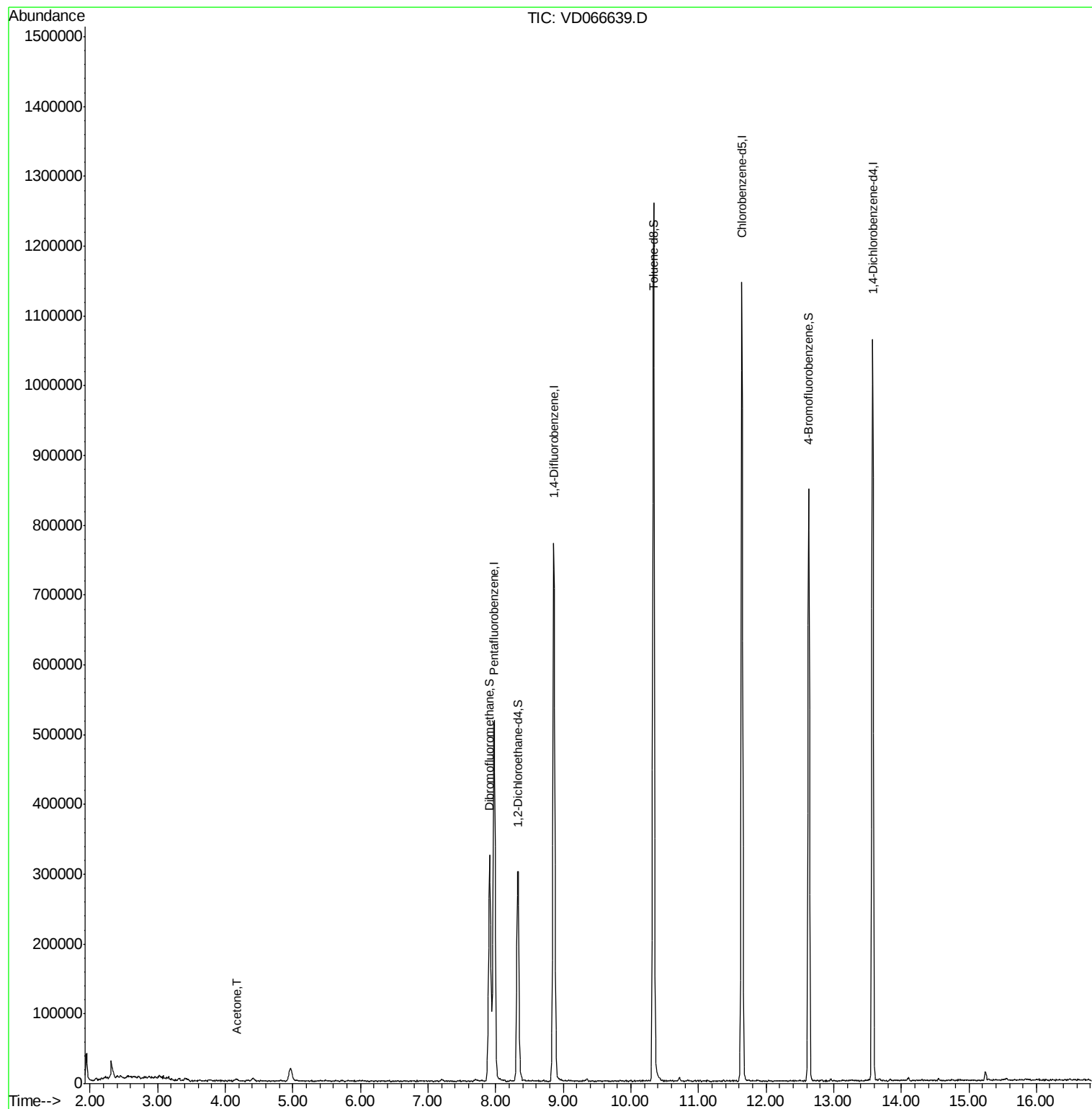
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	354925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	648256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	614929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	262106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	252153	58.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.44%	
35) Dibromofluoromethane	7.91	113	226255	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	10.34	98	807224	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.63	95	263724	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
16) Acetone	4.17	43	5576	7.057	ug/l #	Qvalue 81

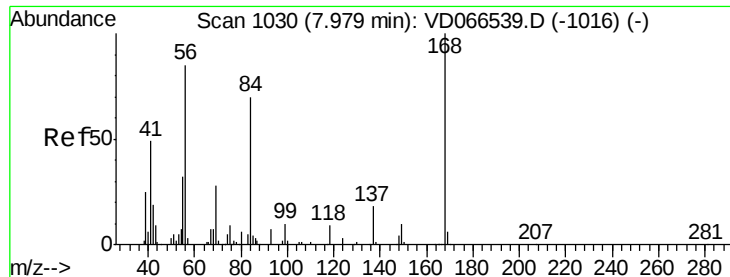
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066639.D

Acq: 11 Sep 2020 04:02

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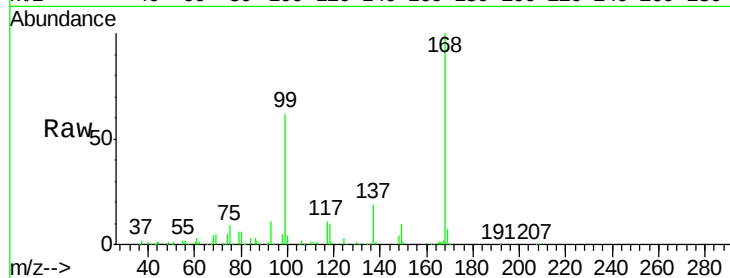
PAV-B41-090820-12-13

Tot Ion:168 Resp: 354925

Ion Ratio Lower Upper

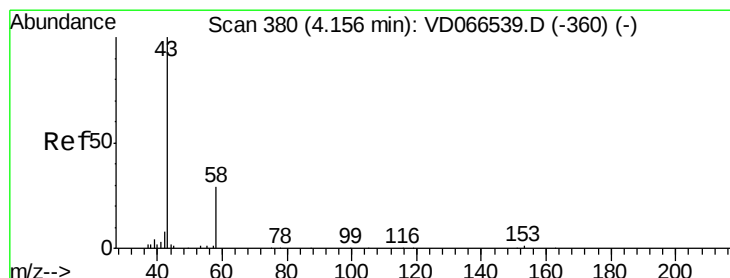
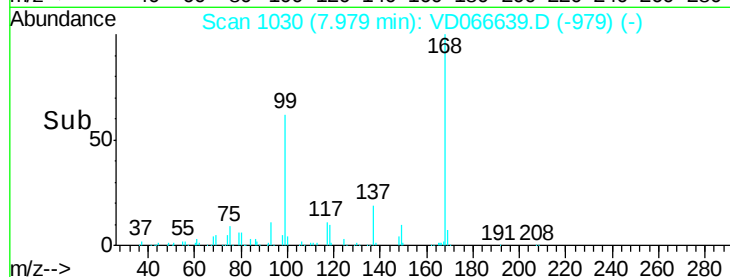
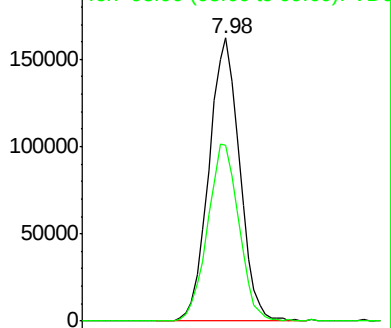
168 100

99 62.2 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 7.057 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD066639.D

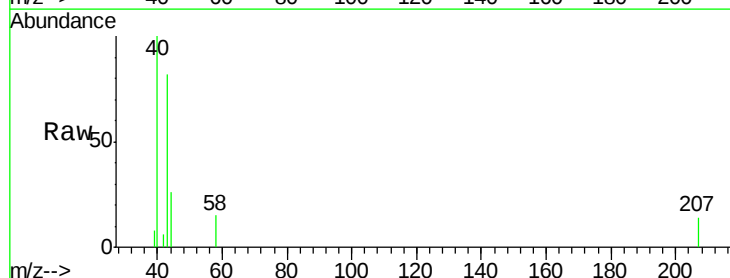
Acq: 11 Sep 2020 04:02

Tgt Ion: 43 Resp: 5576

Ion Ratio Lower Upper

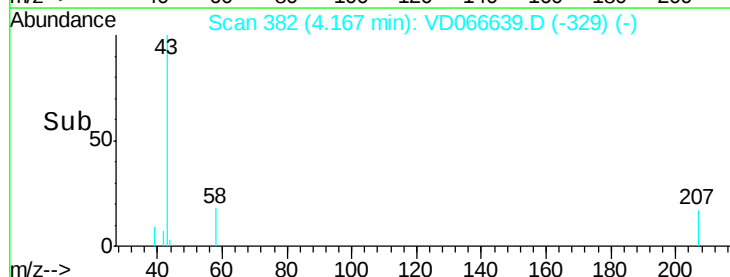
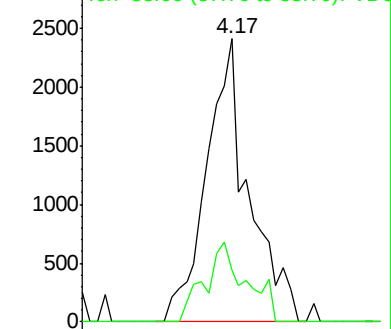
43 100

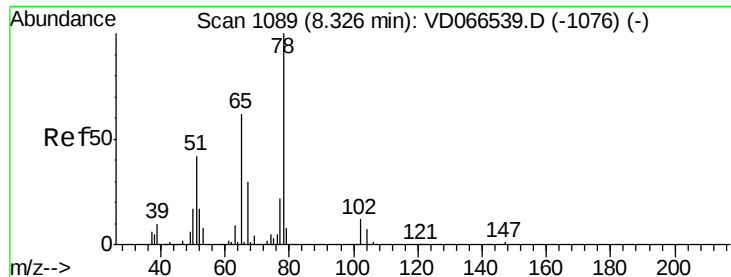
58 18.5 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

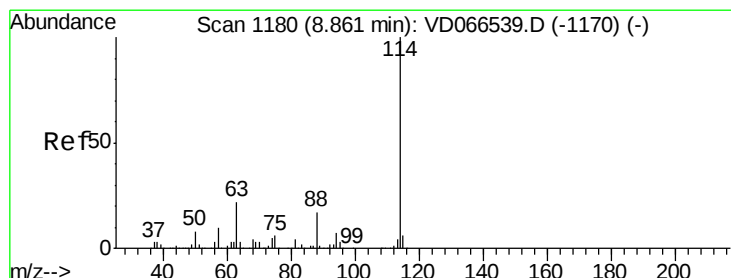
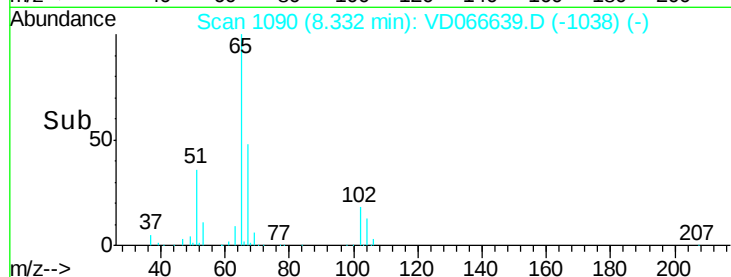
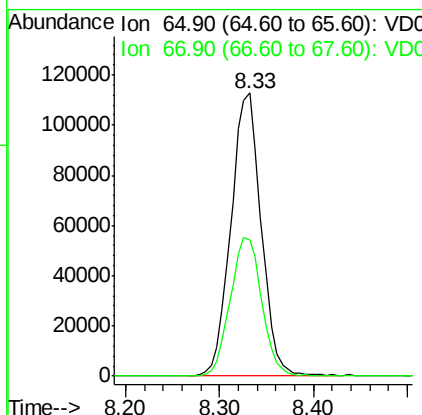
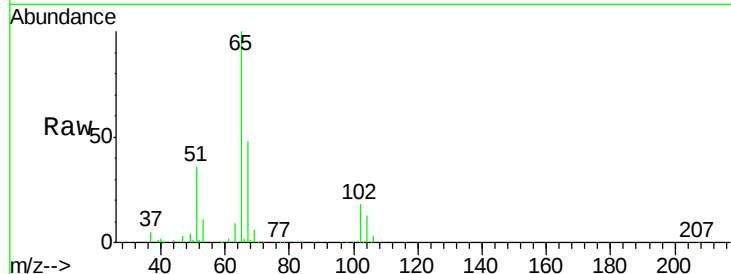




#33
 1,2-Dichloroethane-d4
 Concen: 58.719 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066639.D
 Acq: 11 Sep 2020 04:02

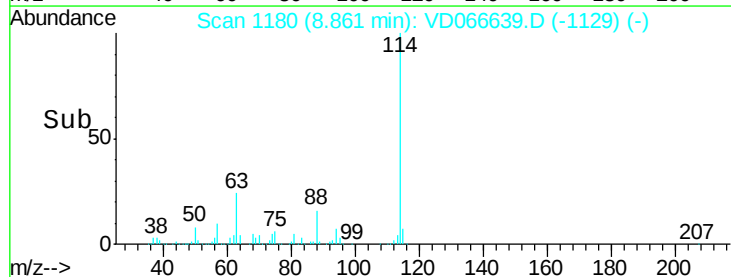
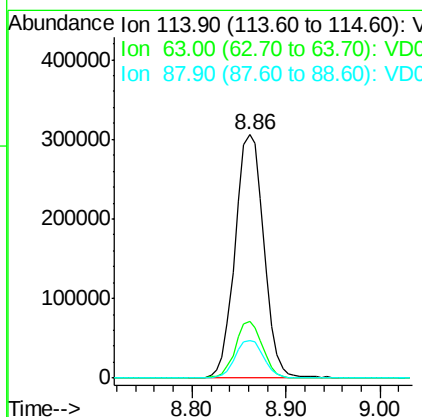
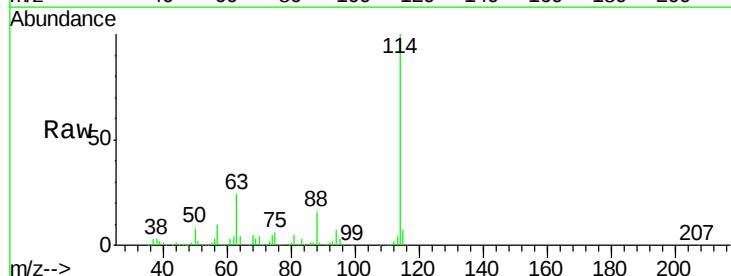
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B41-090820-12-13

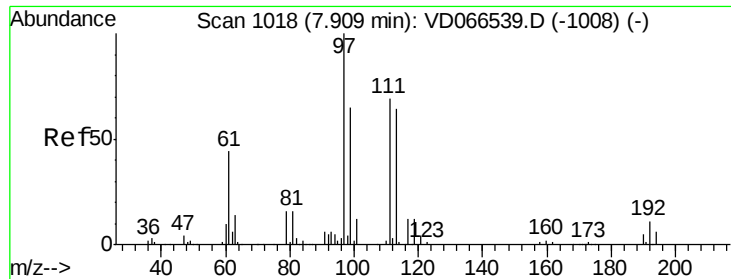
Tot Ion: 65 Resp: 252153
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066639.D
 Acq: 11 Sep 2020 04:02

Tgt Ion: 114 Resp: 648256
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 43.2
 88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.737 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066639.D

Acq: 11 Sep 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

PAV-B41-090820-12-13

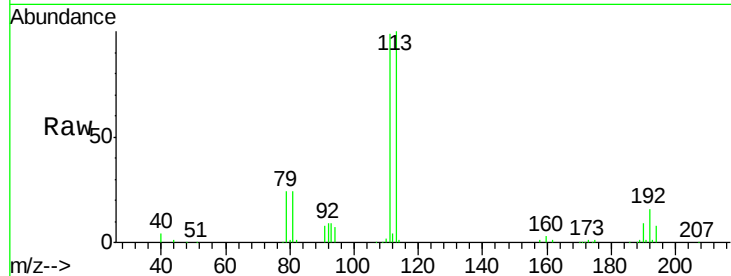
Tot Ion:113 Resp: 226255

Ion Ratio Lower Upper

113 100

111 101.0 83.2 124.8

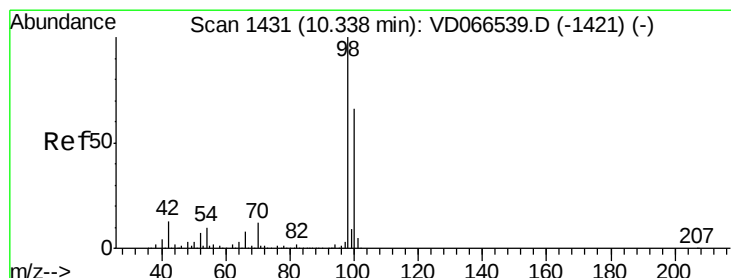
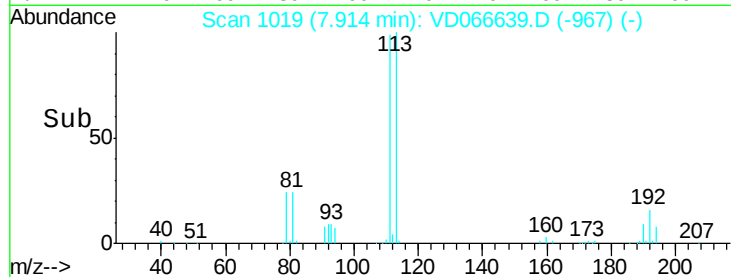
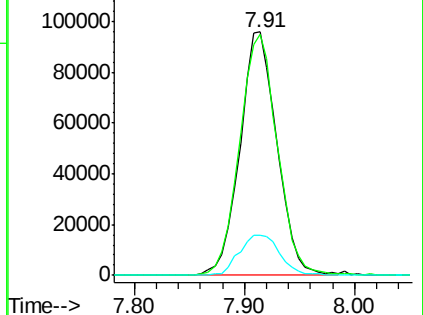
192 18.1 13.7 20.5



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: 51.644 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066639.D

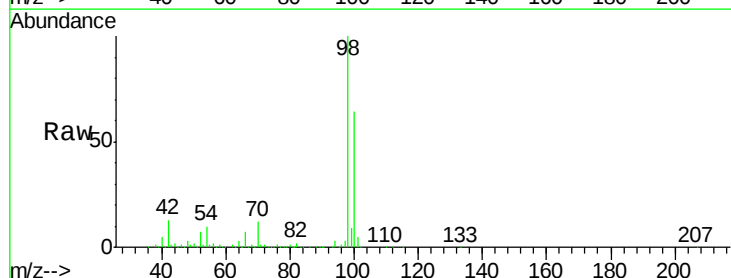
Acq: 11 Sep 2020 04:02

Tgt Ion: 98 Resp: 807224

Ion Ratio Lower Upper

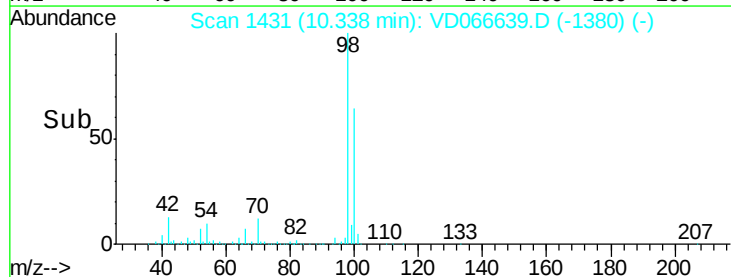
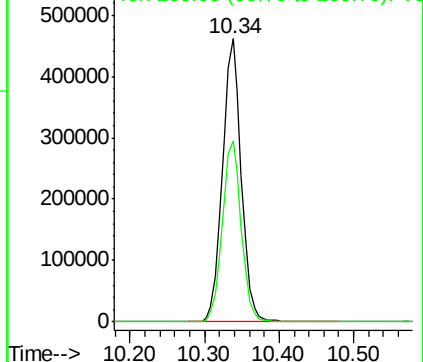
98 100

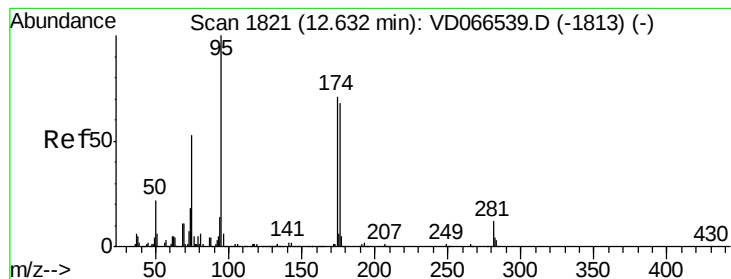
100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.884 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066639.D

Acq: 11 Sep 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

PAV-B41-090820-12-13

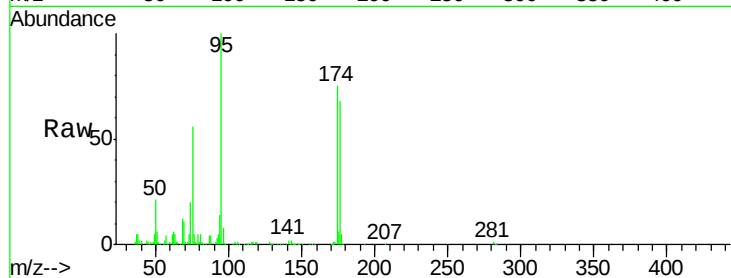
Tot Ion: 95 Resp: 263724

Ion Ratio Lower Upper

95 100

174 77.4 0.0 155.8

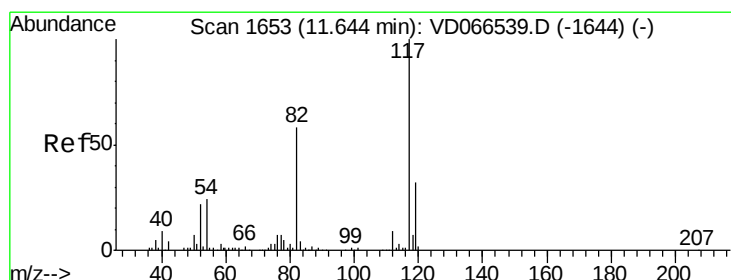
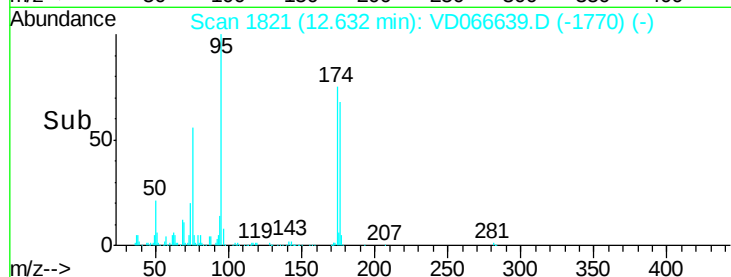
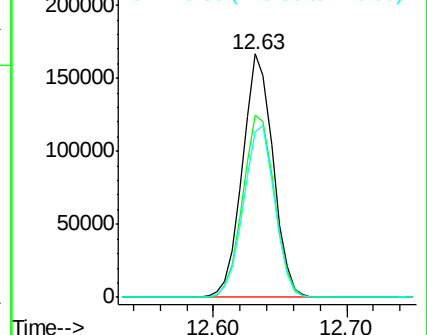
176 71.9 0.0 148.6



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: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066639.D

Acq: 11 Sep 2020 04:02

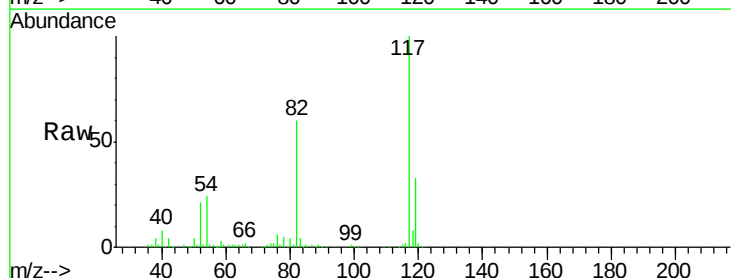
Tgt Ion: 117 Resp: 614929

Ion Ratio Lower Upper

117 100

82 59.7 46.2 69.2

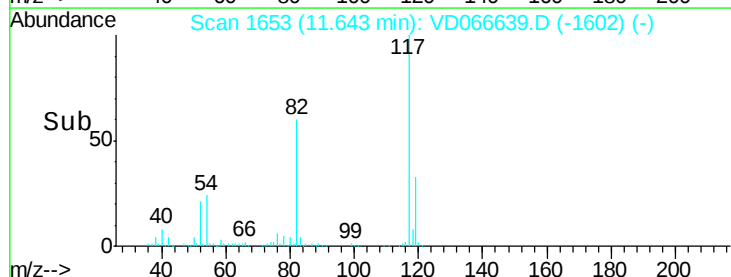
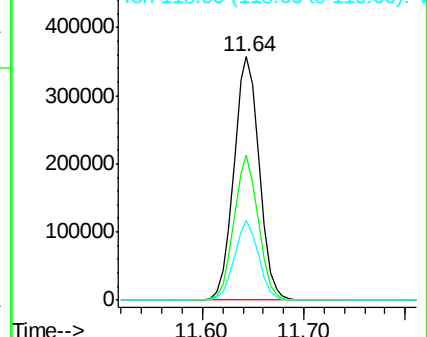
119 32.7 25.8 38.8

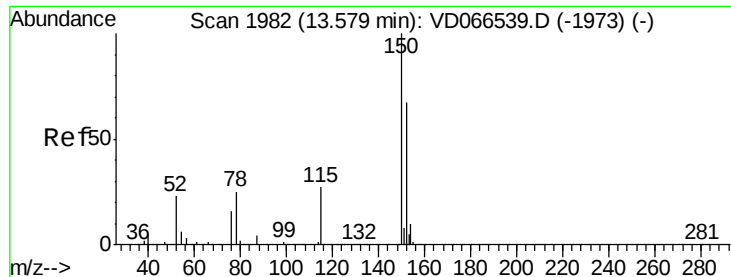


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.00 min

Lab File: VD066639.D

Acq: 11 Sep 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

PAV-B41-090820-12-13

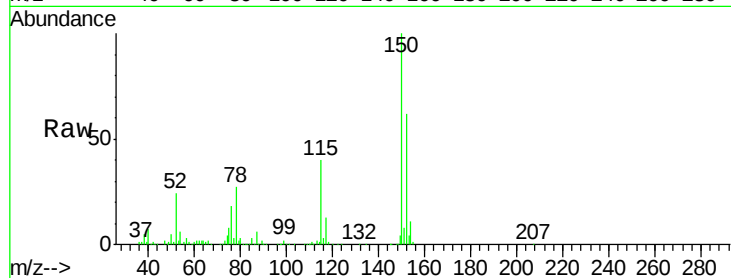
Tot Ion:152 Resp: 262106

Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.2

150 161.4 0.0 345.8



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

