

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067171.D
 Acq On : 08 Oct 2020 01:08
 Operator : VA/SY
 Sample : L4291-01
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B4-100620-0-1

Quant Time: Oct 08 08:49:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

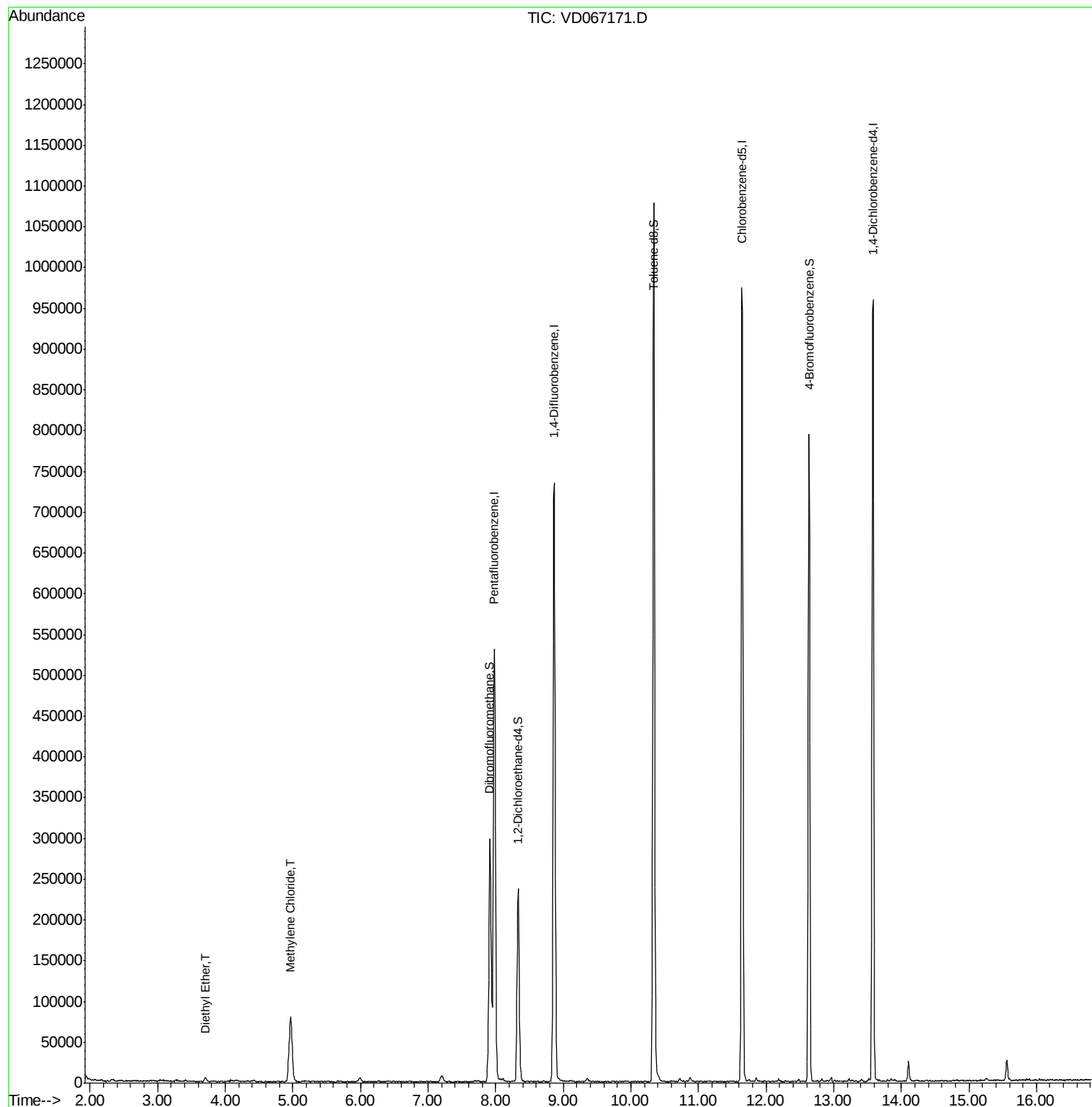
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	405521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	658491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	597594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	193116	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	7.92	113	208996	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.34	98	752793	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.64	95	248169	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
8) Diethyl Ether	3.71	74	3125	1.752	ug/l	86
20) Methylene Chloride	4.96	84	67116	10.050	ug/l	91

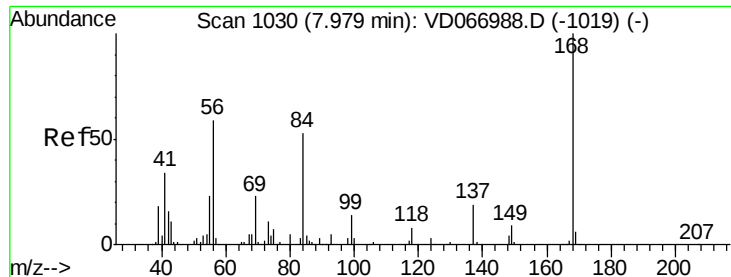
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067171.D

Acq: 08 Oct 2020 01:08

Instrument :

MSVOA_D

ClientSampleId :

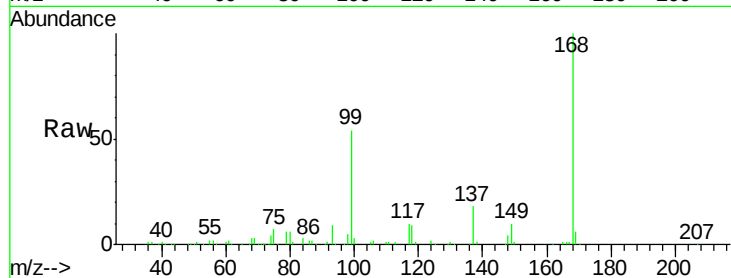
PAV-B4-100620-0-1

Tot Ion:168 Resp: 405521

Ion Ratio Lower Upper

168 100

99 54.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

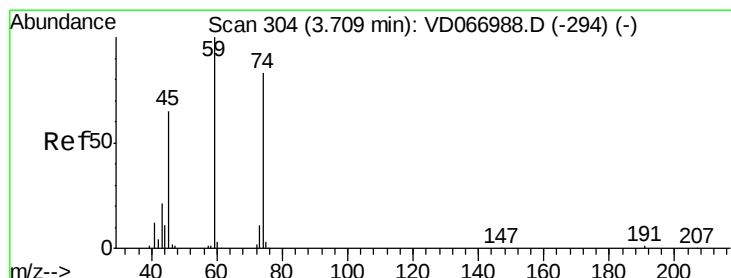
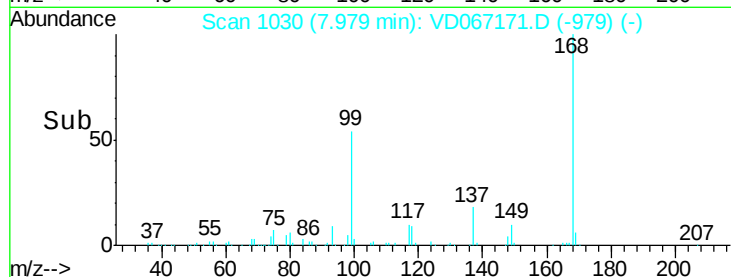
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.752 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD067171.D

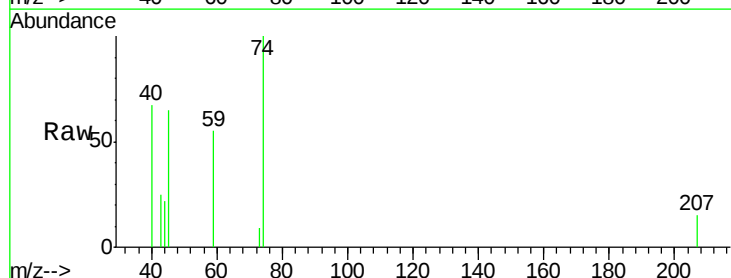
Acq: 08 Oct 2020 01:08

Tgt Ion: 74 Resp: 3125

Ion Ratio Lower Upper

74 100

45 73.3 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

2000

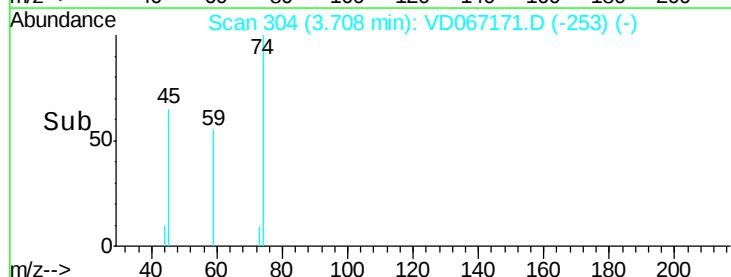
1500

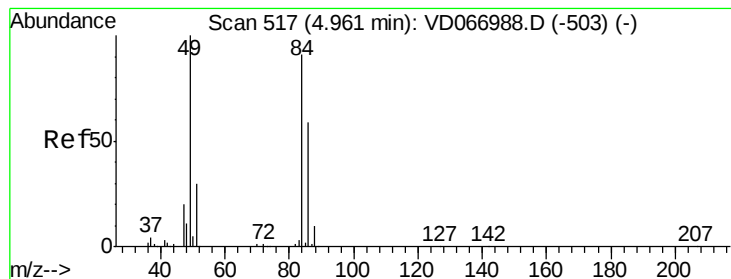
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 10.050 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067171.D

Acq: 08 Oct 2020 01:08

Instrument :

MSVOA_D

ClientSampleId :

PAV-B4-100620-0-1

Tot Ion: 84 Resp: 67116

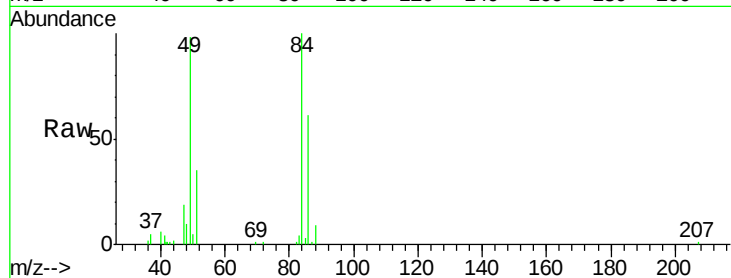
Ion Ratio Lower Upper

84 100

49 97.6 88.2 132.2

51 35.5 26.6 39.8

86 60.9 52.1 78.1

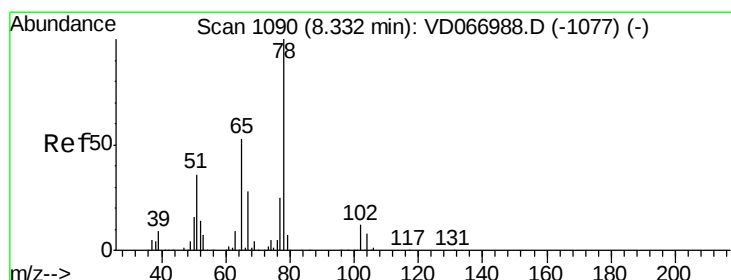
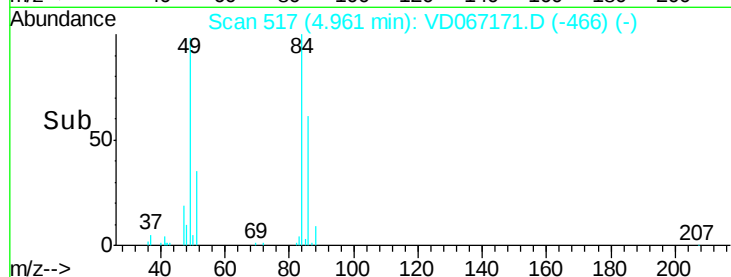
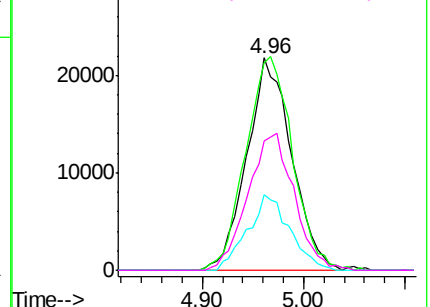


Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.441 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067171.D

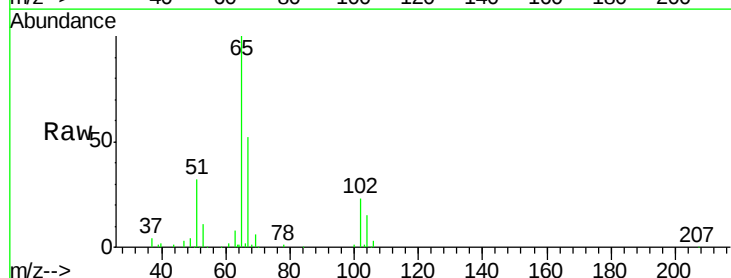
Acq: 08 Oct 2020 01:08

Tgt Ion: 65 Resp: 193116

Ion Ratio Lower Upper

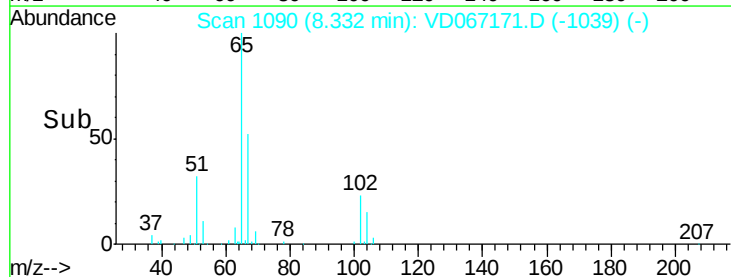
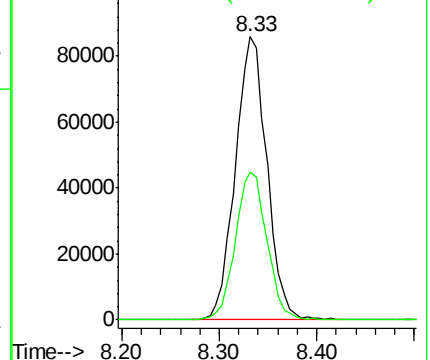
65 100

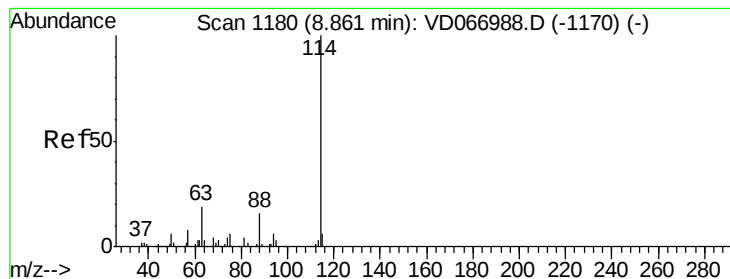
67 52.1 0.0 106.8



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. 0.01 min

Lab File: VD067171.D

Acq: 08 Oct 2020 01:08

Instrument :

MSVOA_D

ClientSampleId :

PAV-B4-100620-0-1

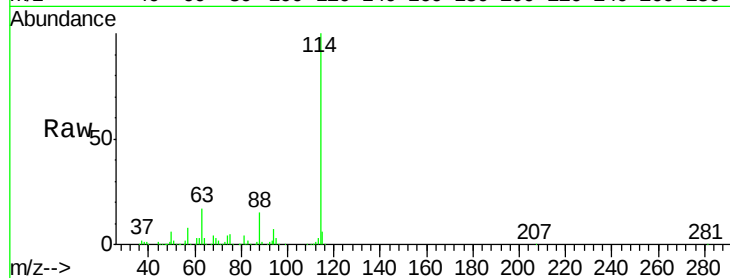
Tot Ion:114 Resp: 658491

Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

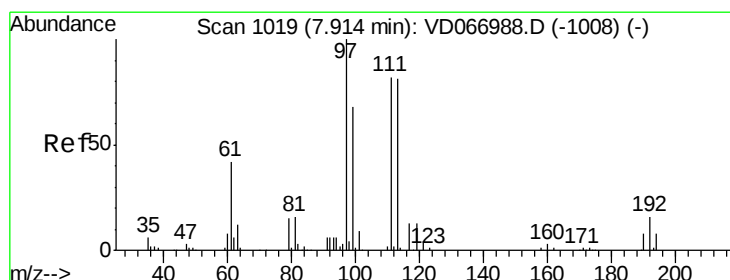
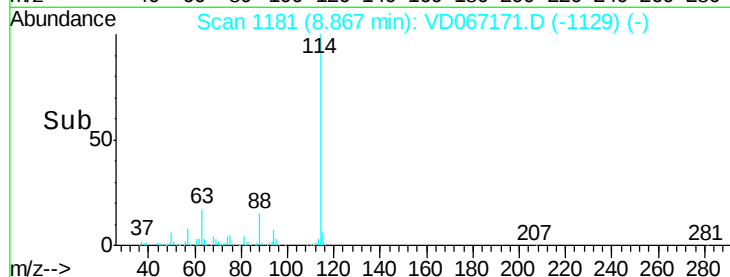
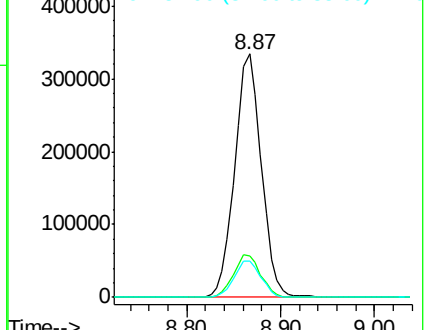
88 14.8 0.0 31.2



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: 48.480 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067171.D

Acq: 08 Oct 2020 01:08

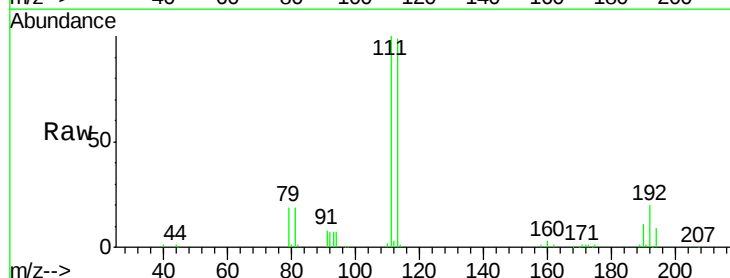
Tgt Ion:113 Resp: 208996

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

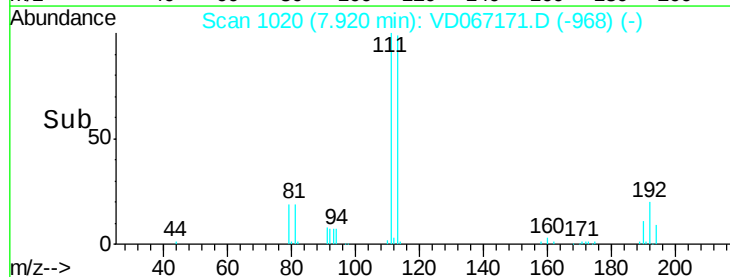
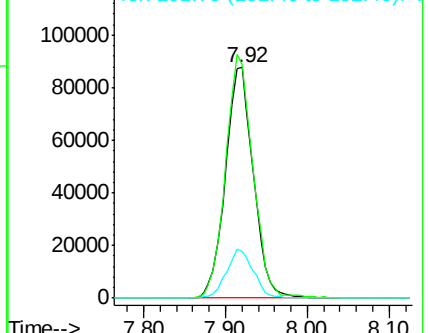
192 20.4 15.5 23.3

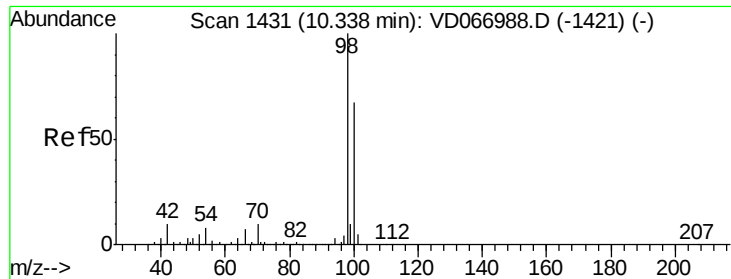


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.922 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067171.D

Acq: 08 Oct 2020 01:08

Instrument :

MSVOA_D

ClientSampleId :

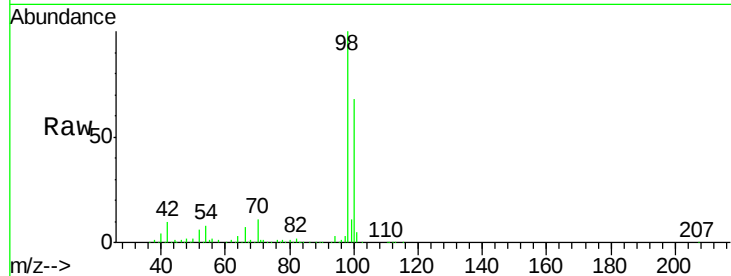
PAV-B4-100620-0-1

Tot Ion: 98 Resp: 752793

Ion Ratio Lower Upper

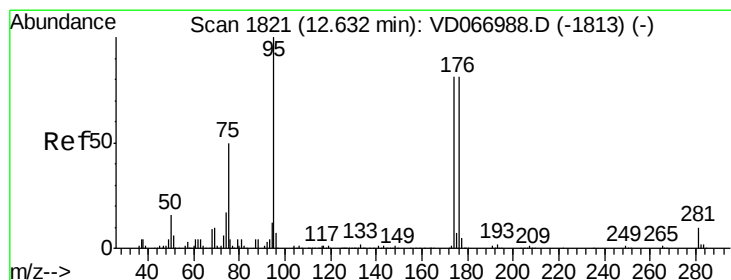
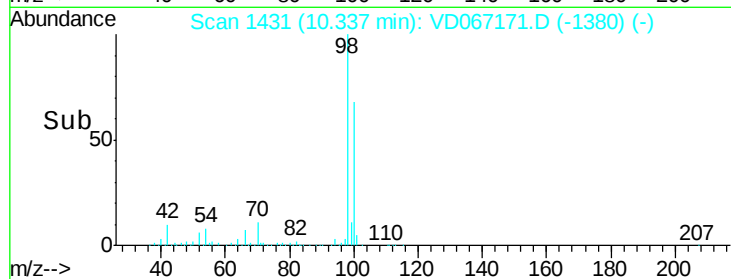
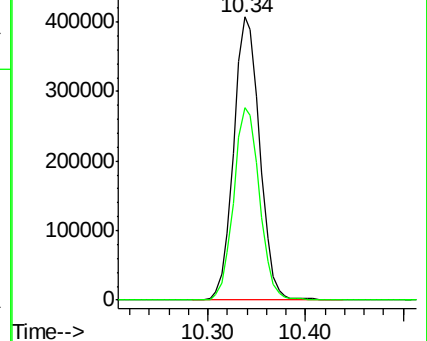
98 100

100 67.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 46.537 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067171.D

Acq: 08 Oct 2020 01:08

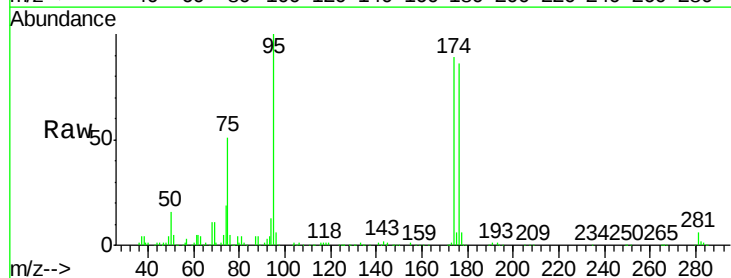
Tgt Ion: 95 Resp: 248169

Ion Ratio Lower Upper

95 100

174 87.9 0.0 167.6

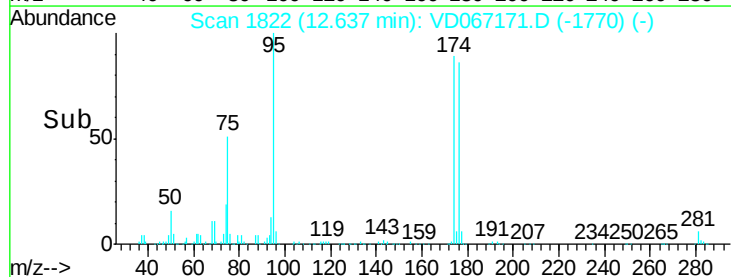
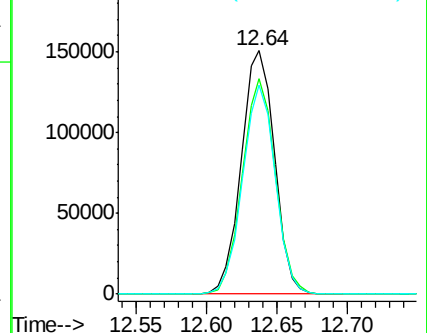
176 84.4 0.0 162.4

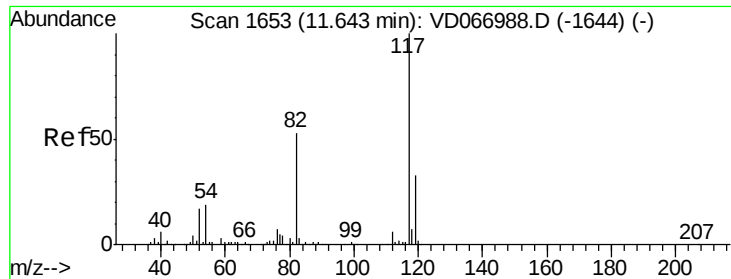


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

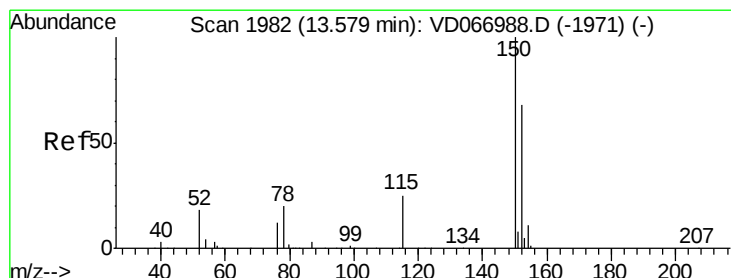
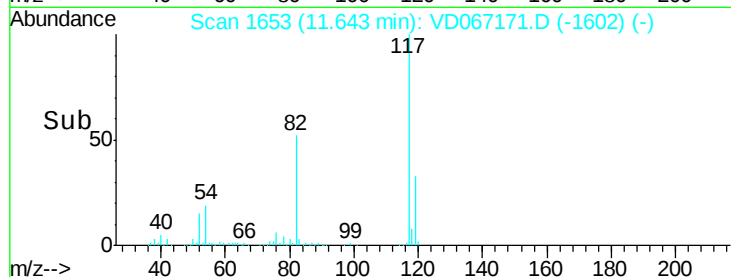
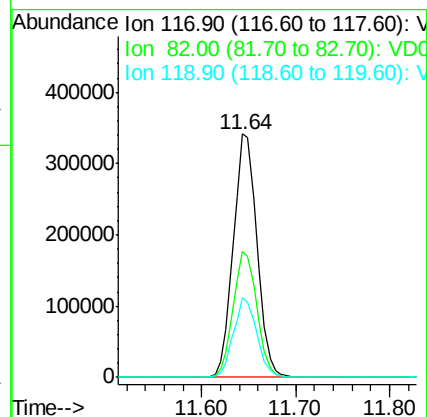
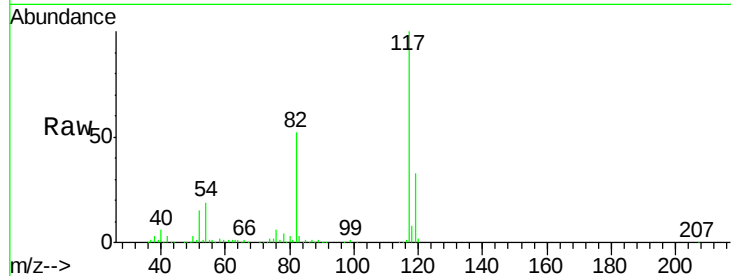




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067171.D
Acq: 08 Oct 2020 01:08

Instrument :
MSVOA_D
ClientSampleId :
PAV-B4-100620-0-1

Tot Ion:117 Resp: 597594
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067171.D
Acq: 08 Oct 2020 01:08

Tgt Ion:152 Resp: 279210
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 156.0 0.0 344.8

