

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067083.D
 Acq On : 05 Oct 2020 15:02
 Operator : VA/SY
 Sample : L4190-01
 Misc : 6.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B14-092920-0-1

Quant Time: Oct 06 07:47:35 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

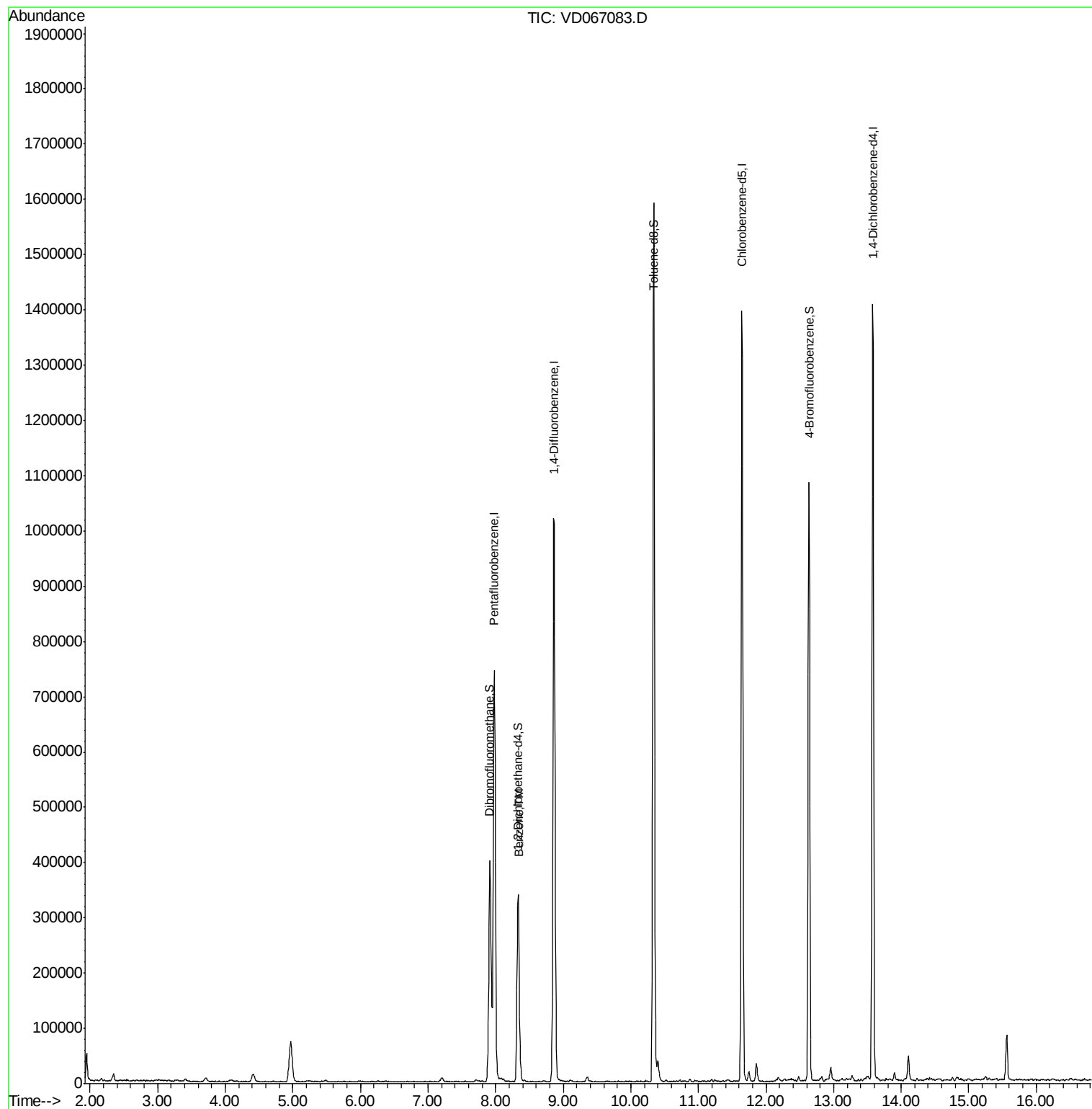
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	561141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	938863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	843351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	391879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	263104	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	7.91	113	297498	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	10.34	98	1088844	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.64	95	362826	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
Target Compounds						
40) Benzene	8.34	78	27939	1.149	ug/l	Qvalue 92

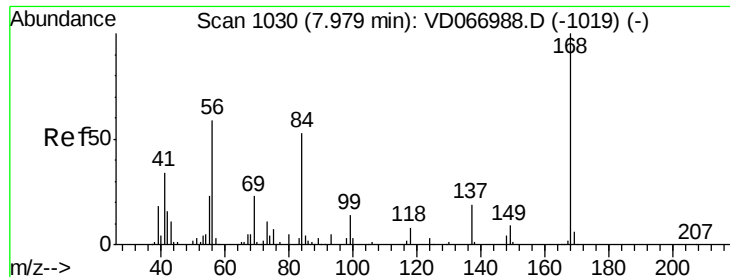
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100520\
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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: VD067083.D

Acq: 05 Oct 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

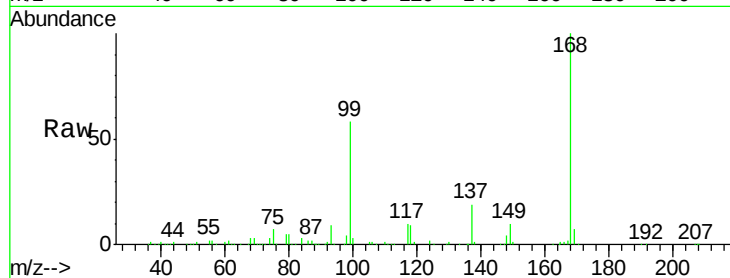
PAV-B14-092920-0-1

Tot Ion:168 Resp: 561141

Ion Ratio Lower Upper

168 100

99 58.0 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

250000

200000

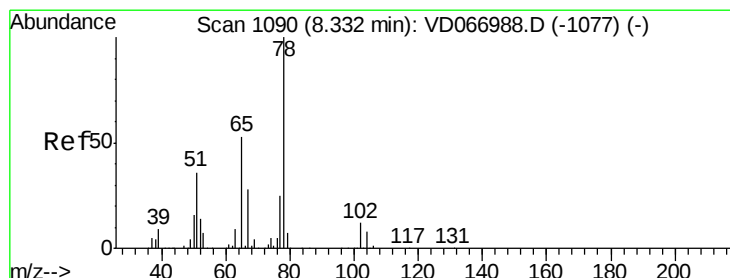
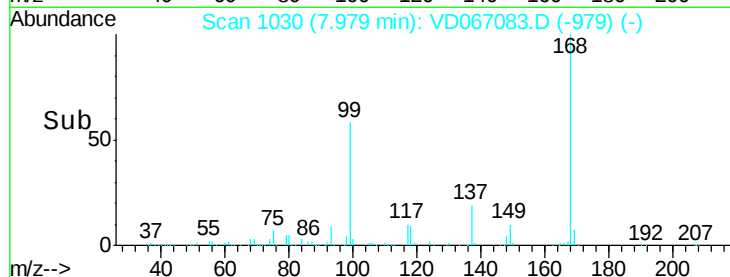
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.679 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067083.D

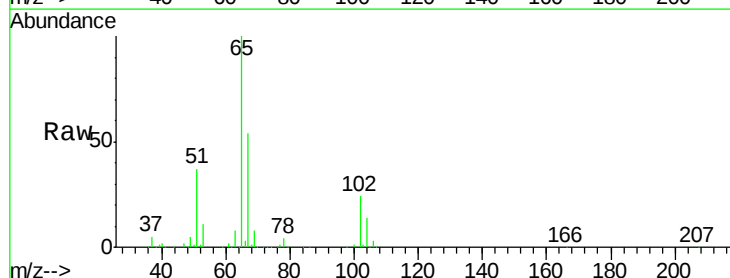
Acq: 05 Oct 2020 15:02

Tgt Ion: 65 Resp: 263104

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

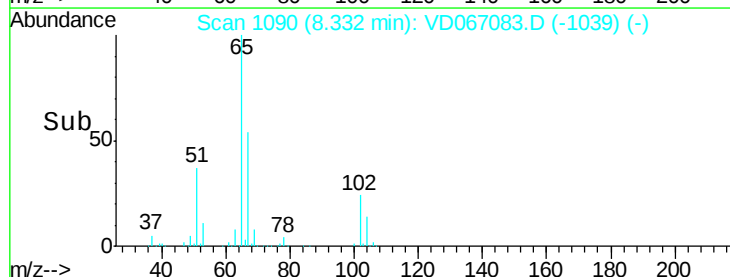
8.33

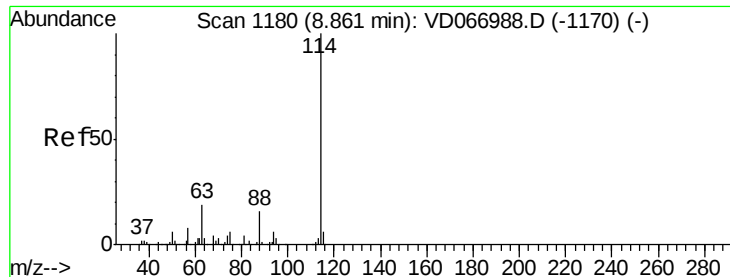
100000

50000

0

Time-->

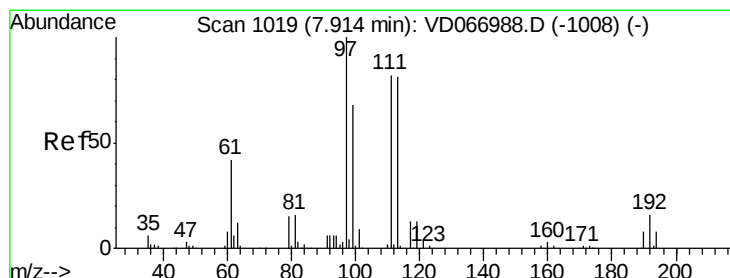
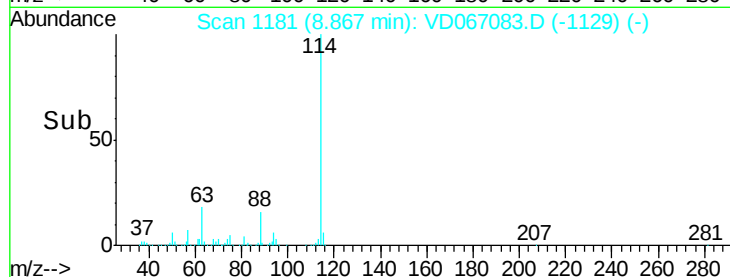
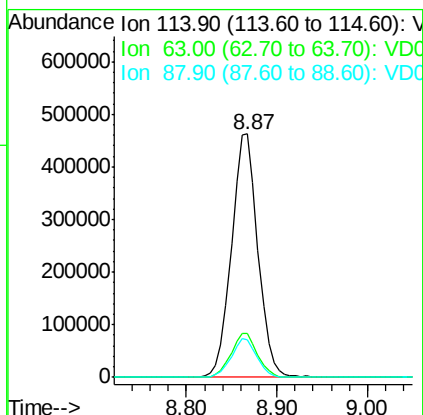
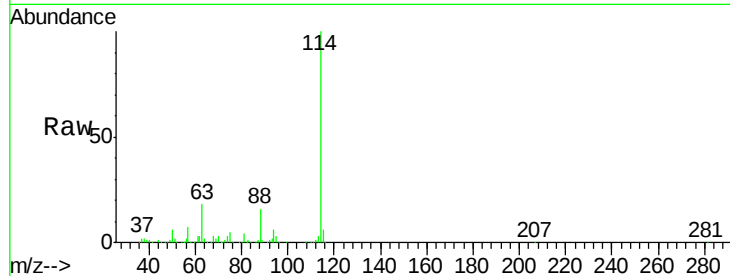




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067083.D
 Acq: 05 Oct 2020 15:02

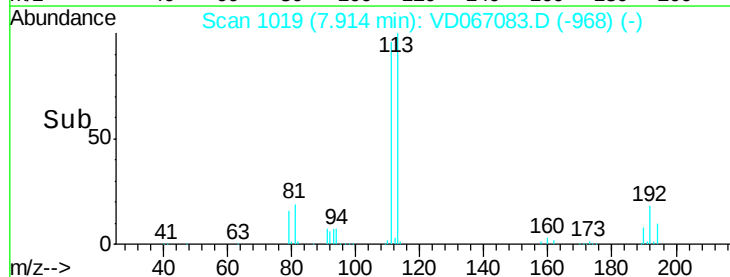
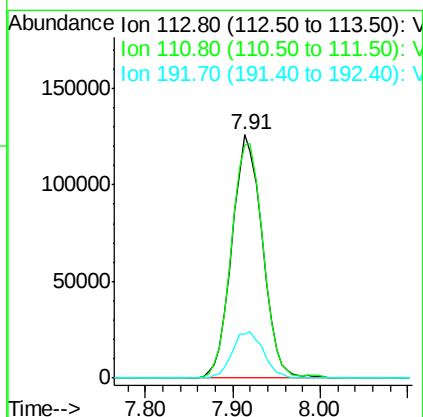
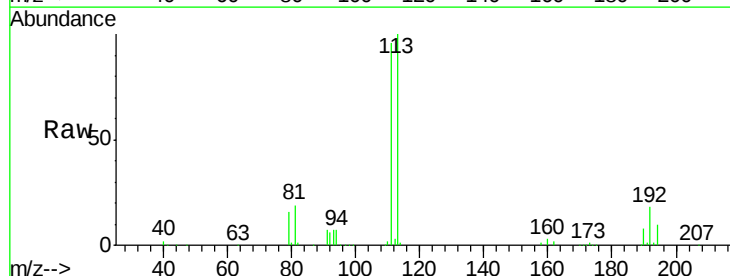
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B14-092920-0-1

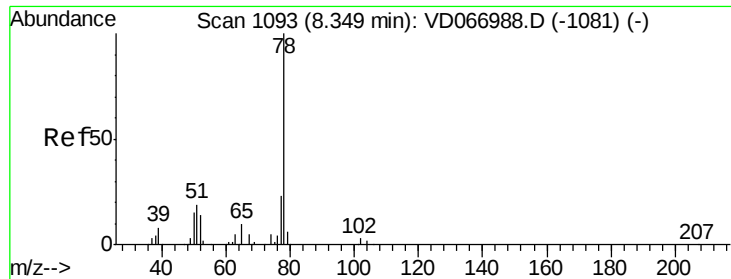
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	15.6	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 48.401 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067083.D
 Acq: 05 Oct 2020 15:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.7	83.0	124.4
192	19.4	15.5	23.3





#40

Benzene

Concen: 1.149 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VD067083.D

Acq: 05 Oct 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

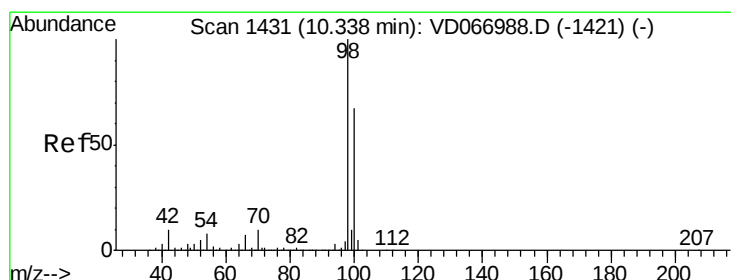
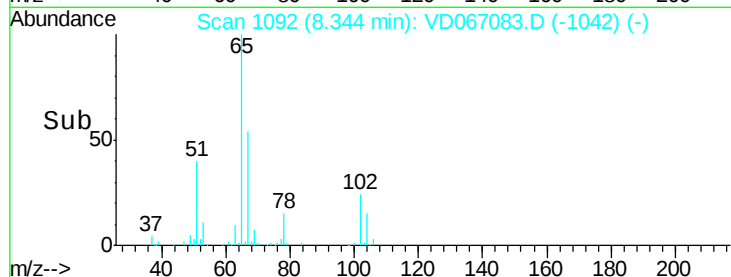
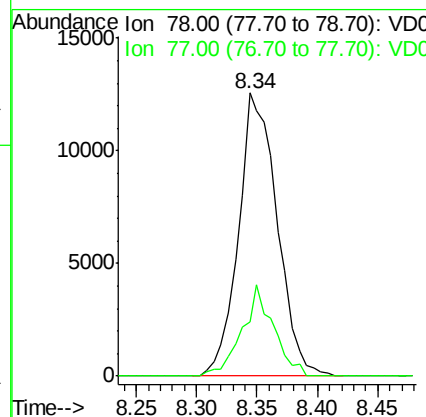
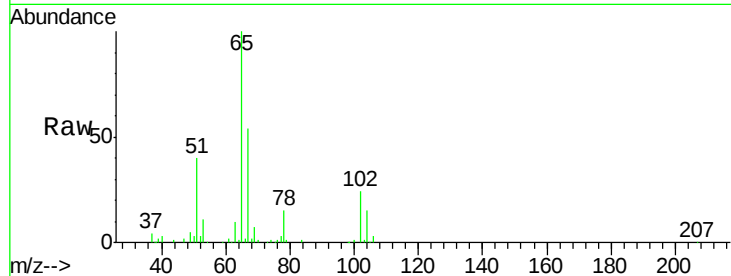
PAV-B14-092920-0-1

Tot Ion: 78 Resp: 27939

Ion Ratio Lower Upper

78 100

77 19.1 18.4 27.6



#50

Toluene-d8

Concen: 48.615 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067083.D

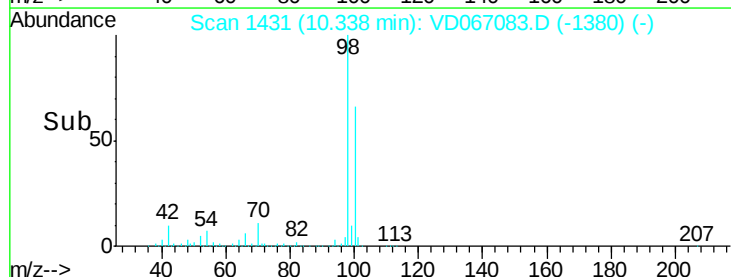
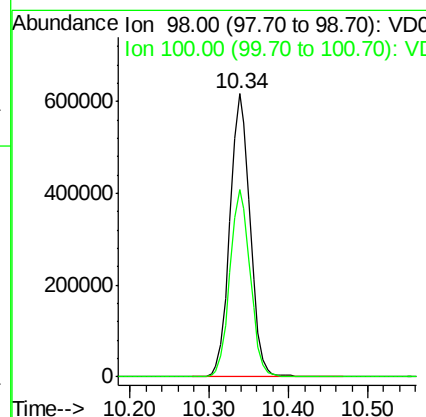
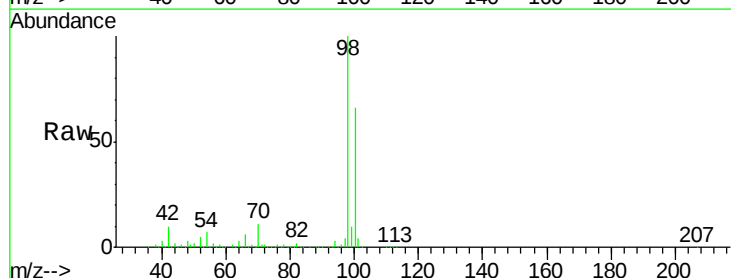
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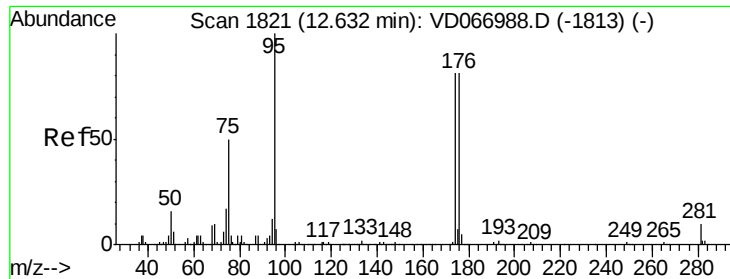
Tgt Ion: 98 Resp: 1088844

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2

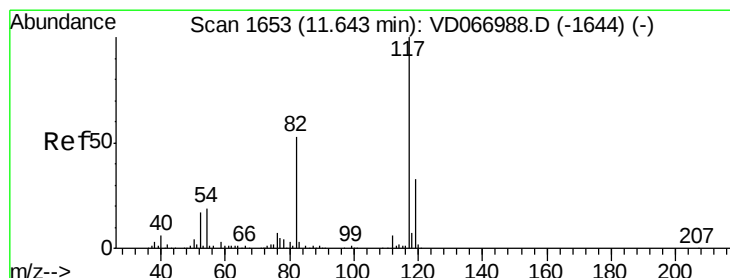
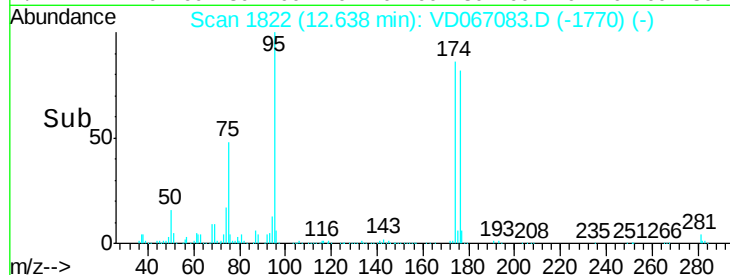
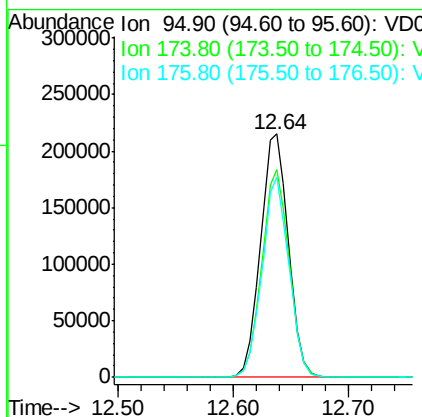
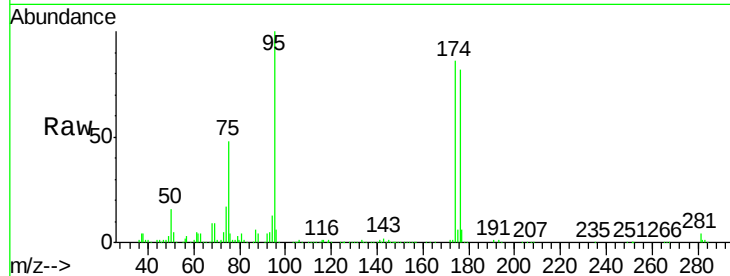




#62
4-Bromofluorobenzene
Concen: 47.719 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067083.D
Acq: 05 Oct 2020 15:02

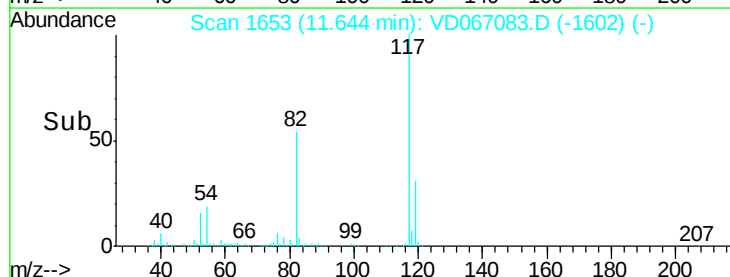
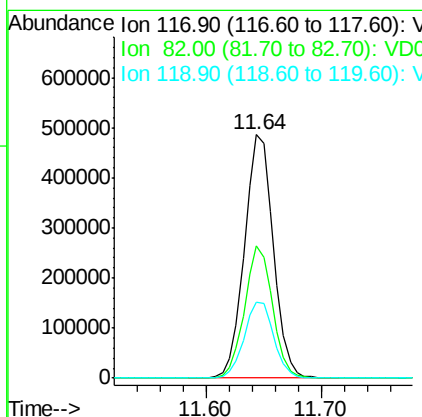
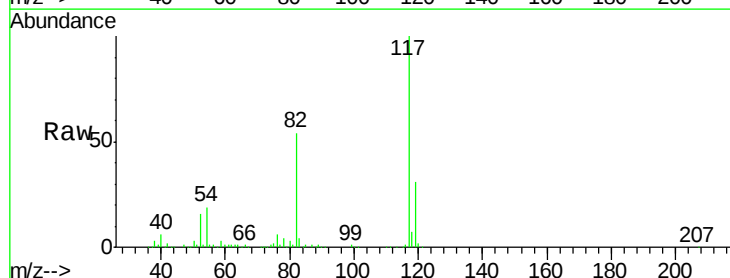
Instrument :
MSVOA_D
ClientSampleId :
PAV-B14-092920-0-1

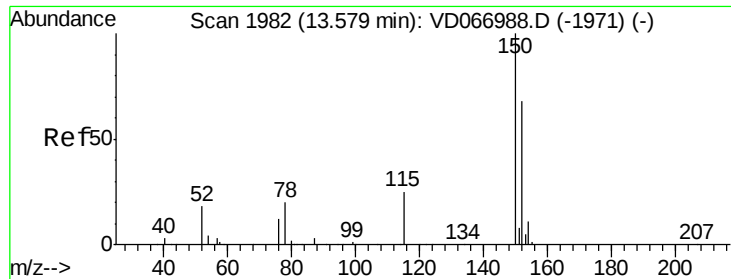
Tot Ion	95	Resp	362826
Ion Ratio	Lower	Upper	
95	100		
174	83.6	0.0	167.6
176	79.3	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067083.D
Acq: 05 Oct 2020 15:02

Tgt Ion	117	Resp	843351
Ion Ratio	Lower	Upper	
117	100		
82	54.5	42.6	63.8
119	31.1	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067083.D

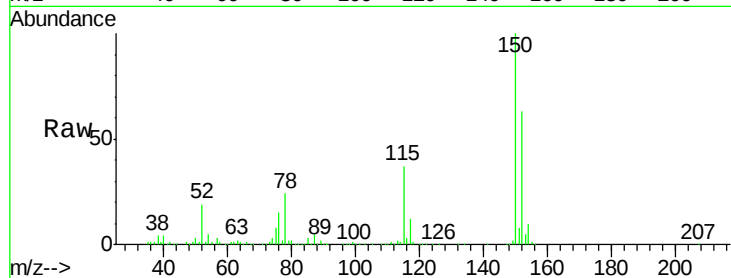
Acq: 05 Oct 2020 15:02

Instrument :

MSVOA_D

ClientSampleId :

PAV-B14-092920-0-1



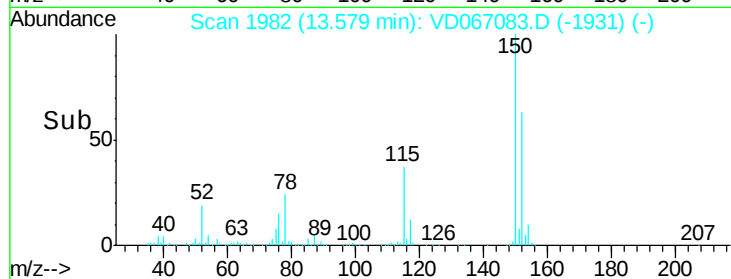
Tot Ion:152 Resp: 391879

Ion Ratio Lower Upper

152 100

115 59.0 29.6 88.8

150 154.5 0.0 344.8



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

