

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067126.D
 Acq On : 07 Oct 2020 00:56
 Operator : VA/SY
 Sample : L4260-09
 Misc : 6.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B23-100220-0-1

Quant Time: Oct 07 02:14:27 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

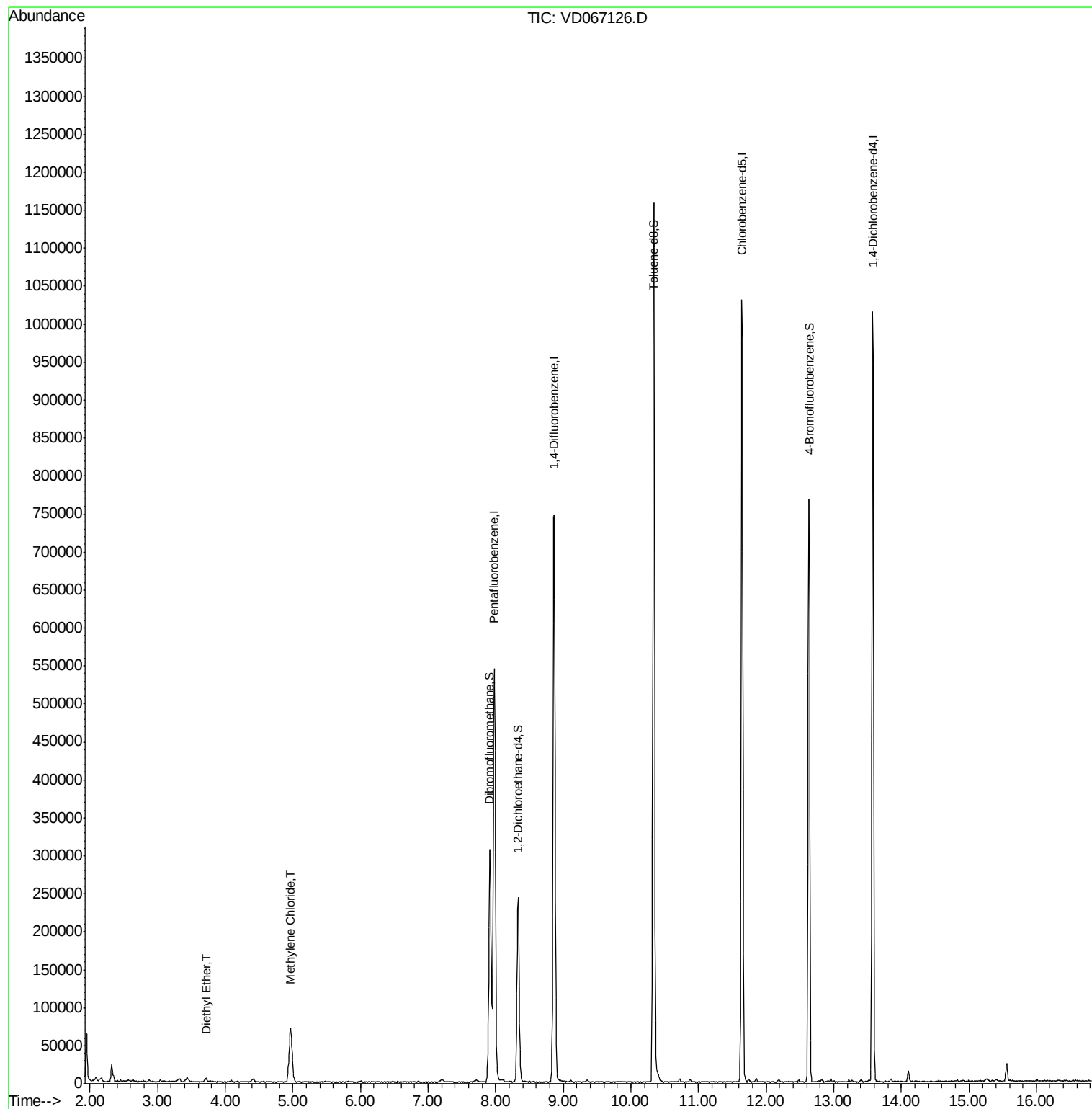
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	413584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	691300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	630791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	280840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	202268	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	7.91	113	219570	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	10.34	98	796525	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.64	95	262557	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
8) Diethyl Ether	3.71	74	2366	1.300	ug/l	97
20) Methylene Chloride	4.97	84	59964	7.748	ug/l	88

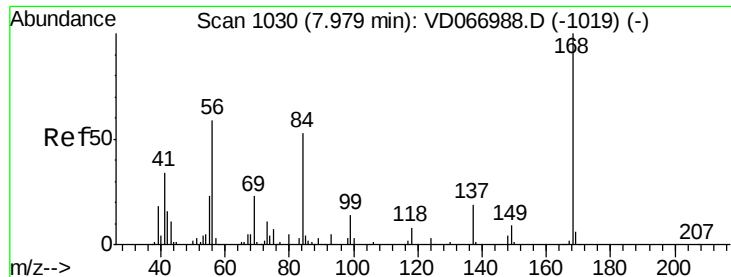
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067126.D

Acq: 07 Oct 2020 00:56

Instrument :

MSVOA_D

ClientSampleId :

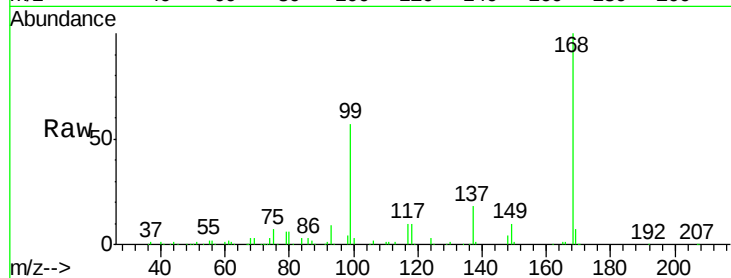
PAV-B23-100220-0-1

Tot Ion:168 Resp: 413584

Ion Ratio Lower Upper

168 100

99 57.4 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

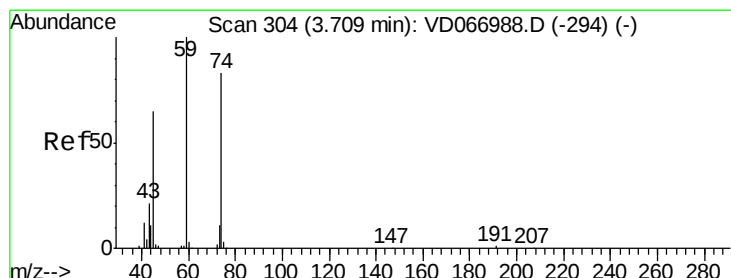
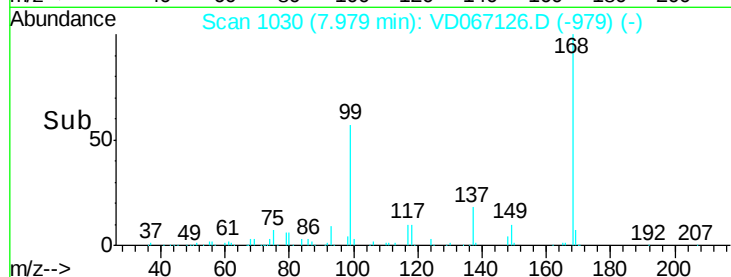
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.300 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD067126.D

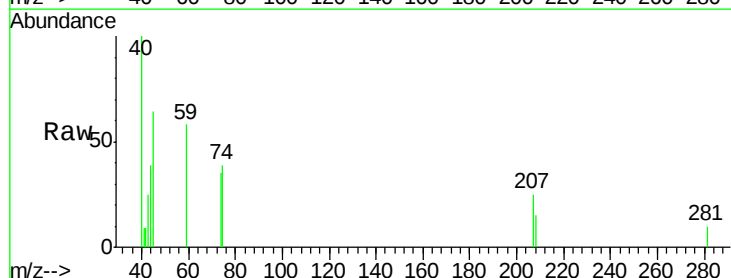
Acq: 07 Oct 2020 00:56

Tgt Ion: 74 Resp: 2366

Ion Ratio Lower Upper

74 100

45 83.5 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

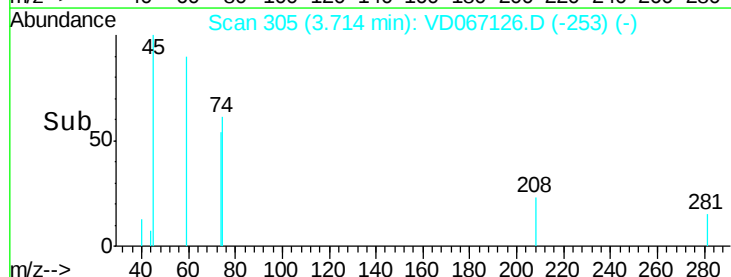
1500

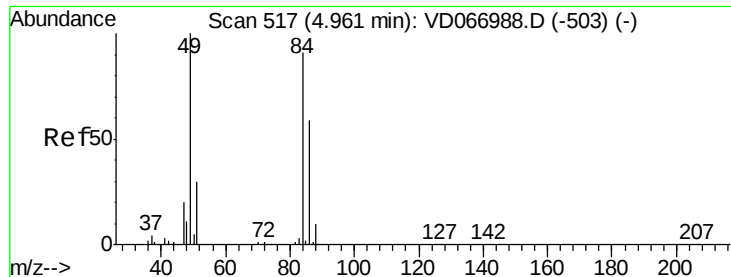
1000

500

0

Time-->

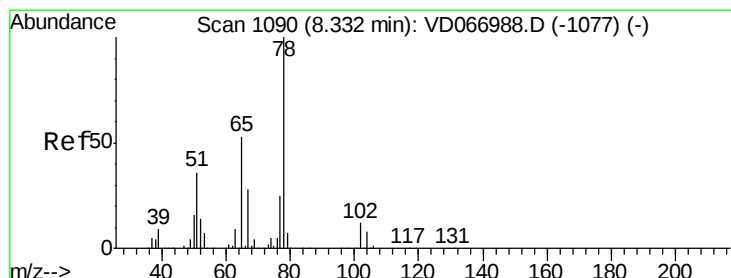
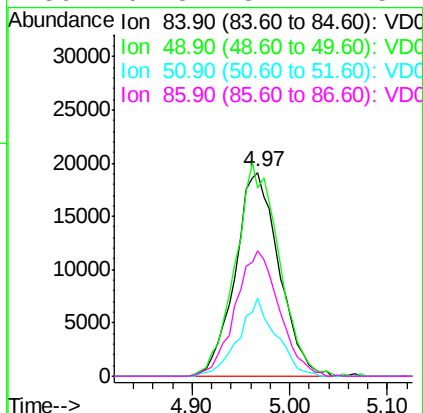
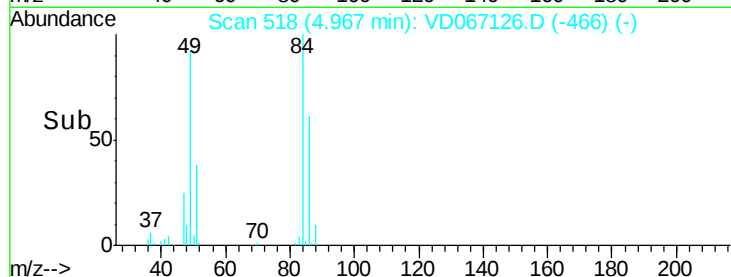
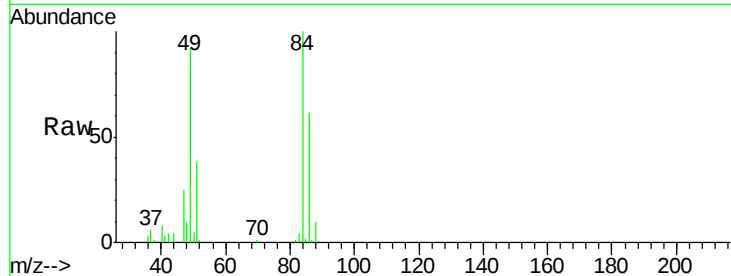




#20
Methvlene Chloride
Concen: 7.748 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067126.D
Acq: 07 Oct 2020 00:56

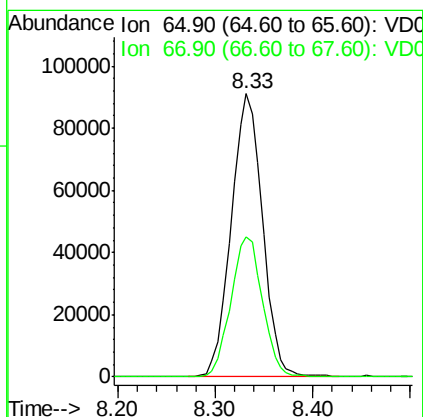
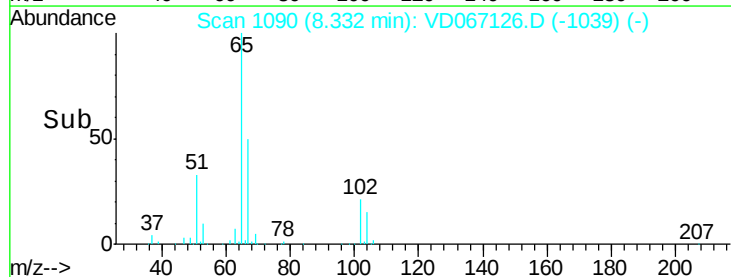
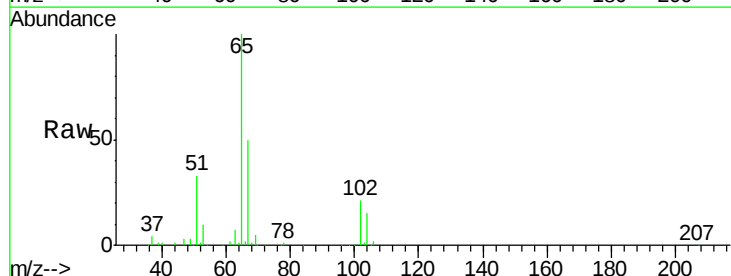
Instrument :
MSVOA_D
ClientSampleId :
PAV-B23-100220-0-1

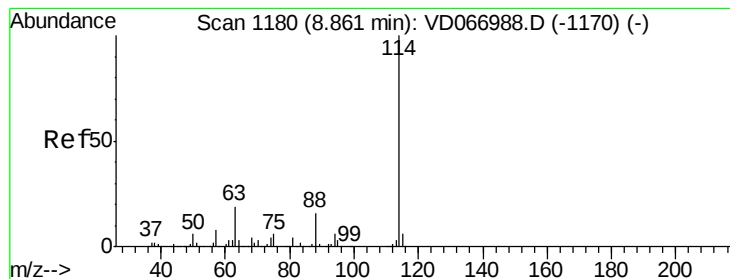
Tot Ion:	84	Resp:	59964
Ion	Ratio	Lower	Upper
84	100		
49	92.3	88.2	132.2
51	38.1	26.6	39.8
86	61.3	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 50.775 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD067126.D
Acq: 07 Oct 2020 00:56

Tgt Ion:	65	Resp:	202268
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067126.D

Acq: 07 Oct 2020 00:56

Instrument :

MSVOA_D

ClientSampleId :

PAV-B23-100220-0-1

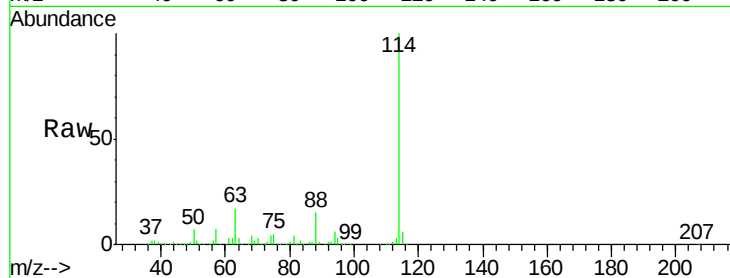
Tot Ion:114 Resp: 691300

Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

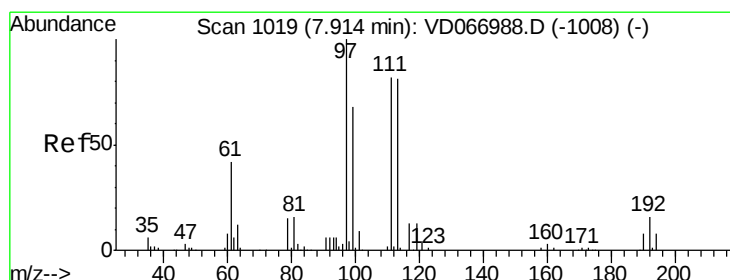
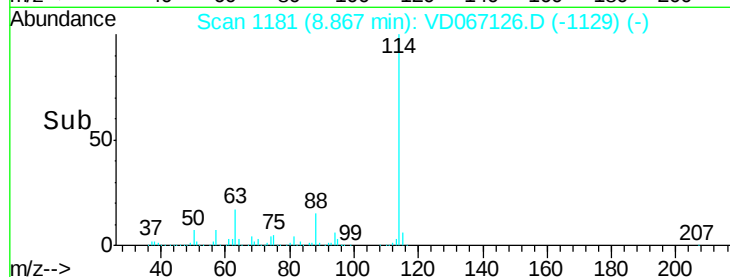
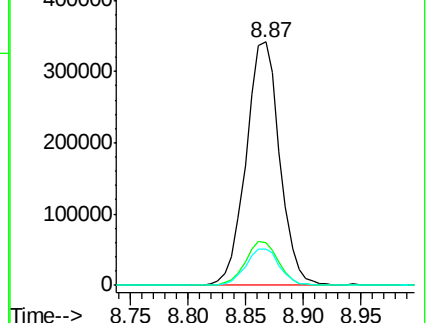
88 15.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 48.515 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067126.D

Acq: 07 Oct 2020 00:56

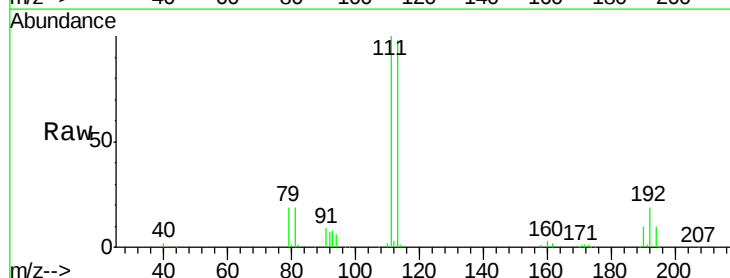
Tgt Ion:113 Resp: 219570

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

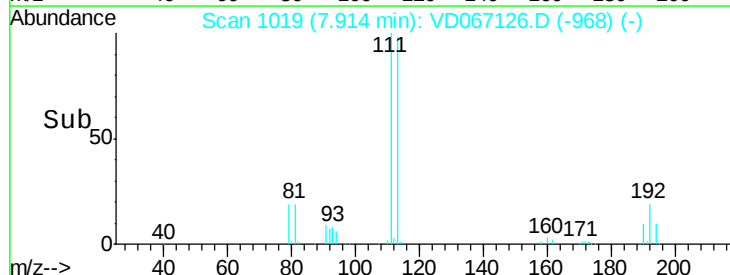
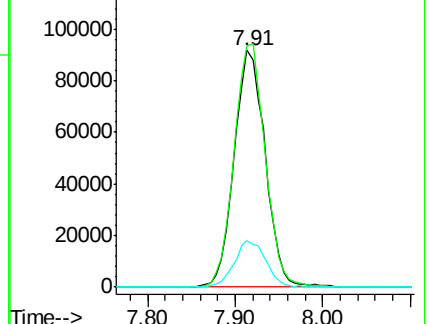
192 20.0 15.5 23.3

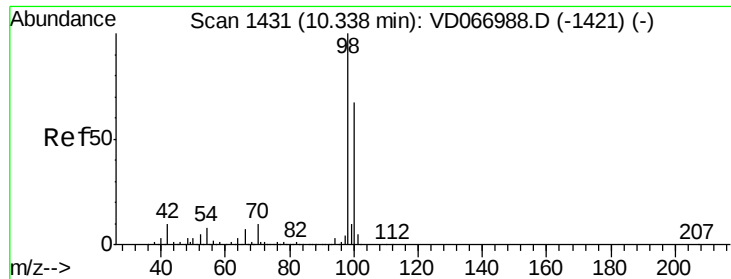


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.299 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD067126.D

Acq: 07 Oct 2020 00:56

Instrument :

MSVOA_D

ClientSampleId :

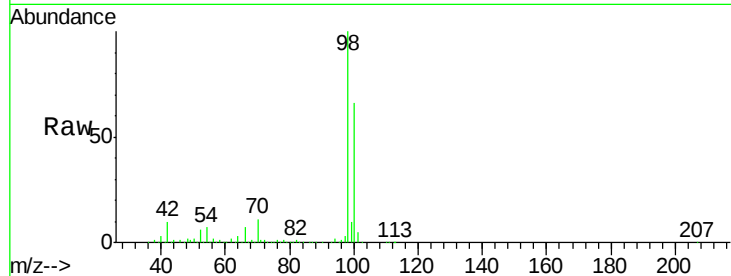
PAV-B23-100220-0-1

Tot Ion: 98 Resp: 796525

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD066988.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066988.D (-1421) (-)

10.34

400000

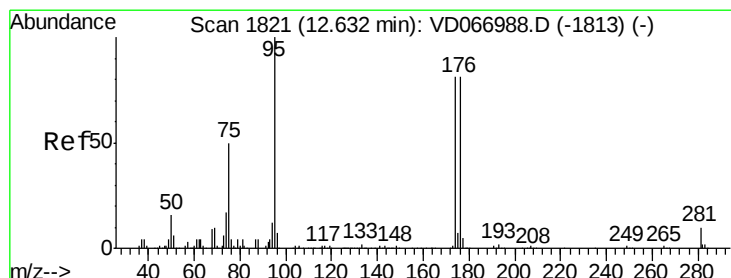
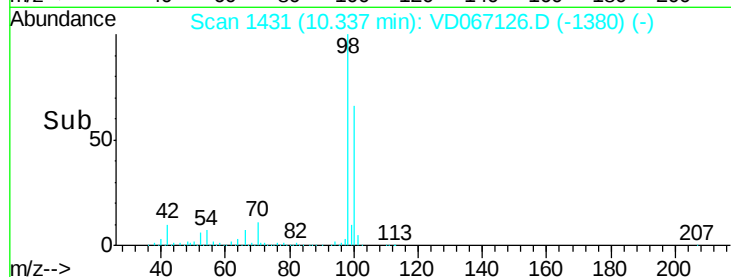
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 46.898 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067126.D

Acq: 07 Oct 2020 00:56

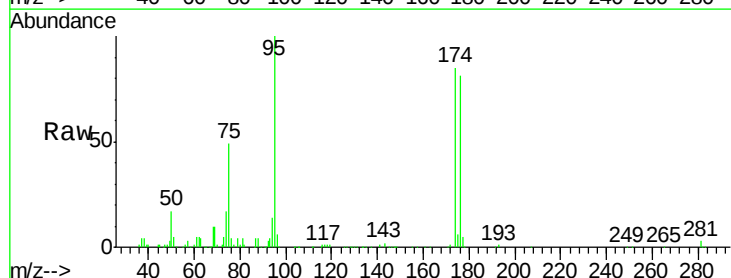
Tgt Ion: 95 Resp: 262557

Ion Ratio Lower Upper

95 100

174 84.5 0.0 167.6

176 81.2 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VD066988.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066988.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066988.D (-1813) (-)

12.64

200000

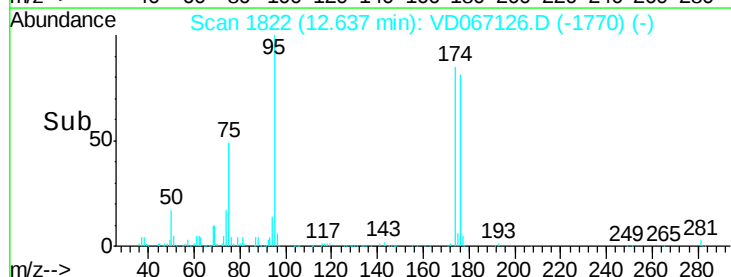
150000

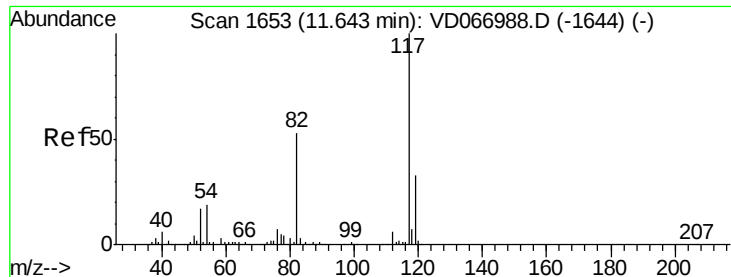
100000

50000

0

Time--> 12.55 12.60 12.65 12.70

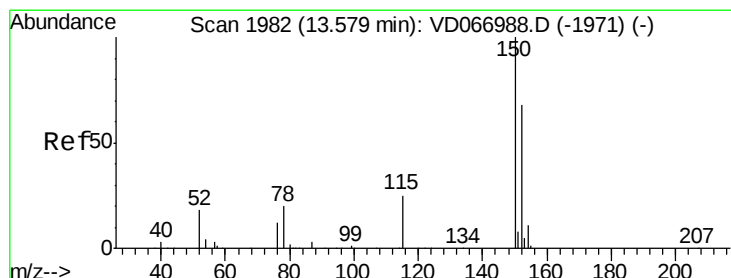
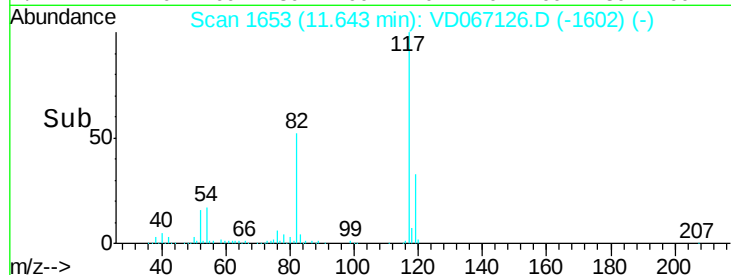
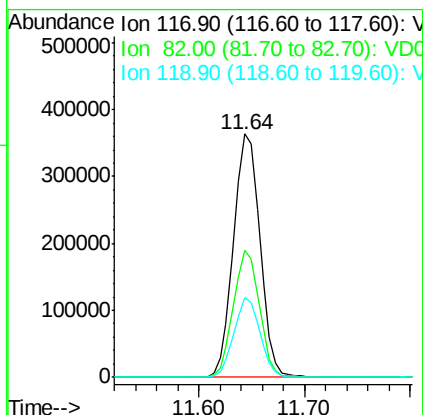
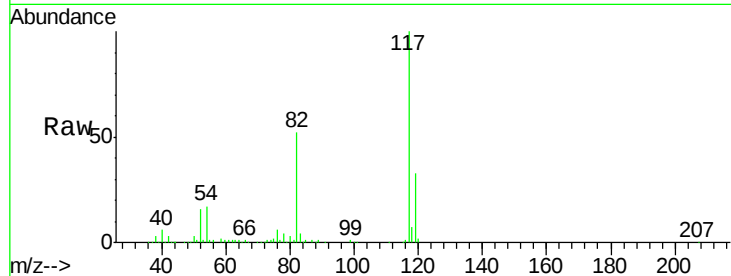




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067126.D
Acq: 07 Oct 2020 00:56

Instrument :
MSVOA_D
ClientSampleId :
PAV-B23-100220-0-1

Tot Ion:117 Resp: 630791
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 32.8 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: VD067126.D
Acq: 07 Oct 2020 00:56

Tgt Ion:152 Resp: 280840
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 156.9 0.0 344.8

