

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110420\
 Data File : VD067523.D
 Acq On : 04 Nov 2020 16:33
 Operator : VA/SY
 Sample : L4622-09
 Misc : 5.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B7-110220-0-1

Quant Time: Nov 05 01:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	288659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	473858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	483385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	157011	62.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.42%	
35) Dibromofluoromethane	7.92	113	153971	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
50) Toluene-d8	10.34	98	560535	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
62) 4-Bromofluorobenzene	12.64	95	210584	60.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.58%	

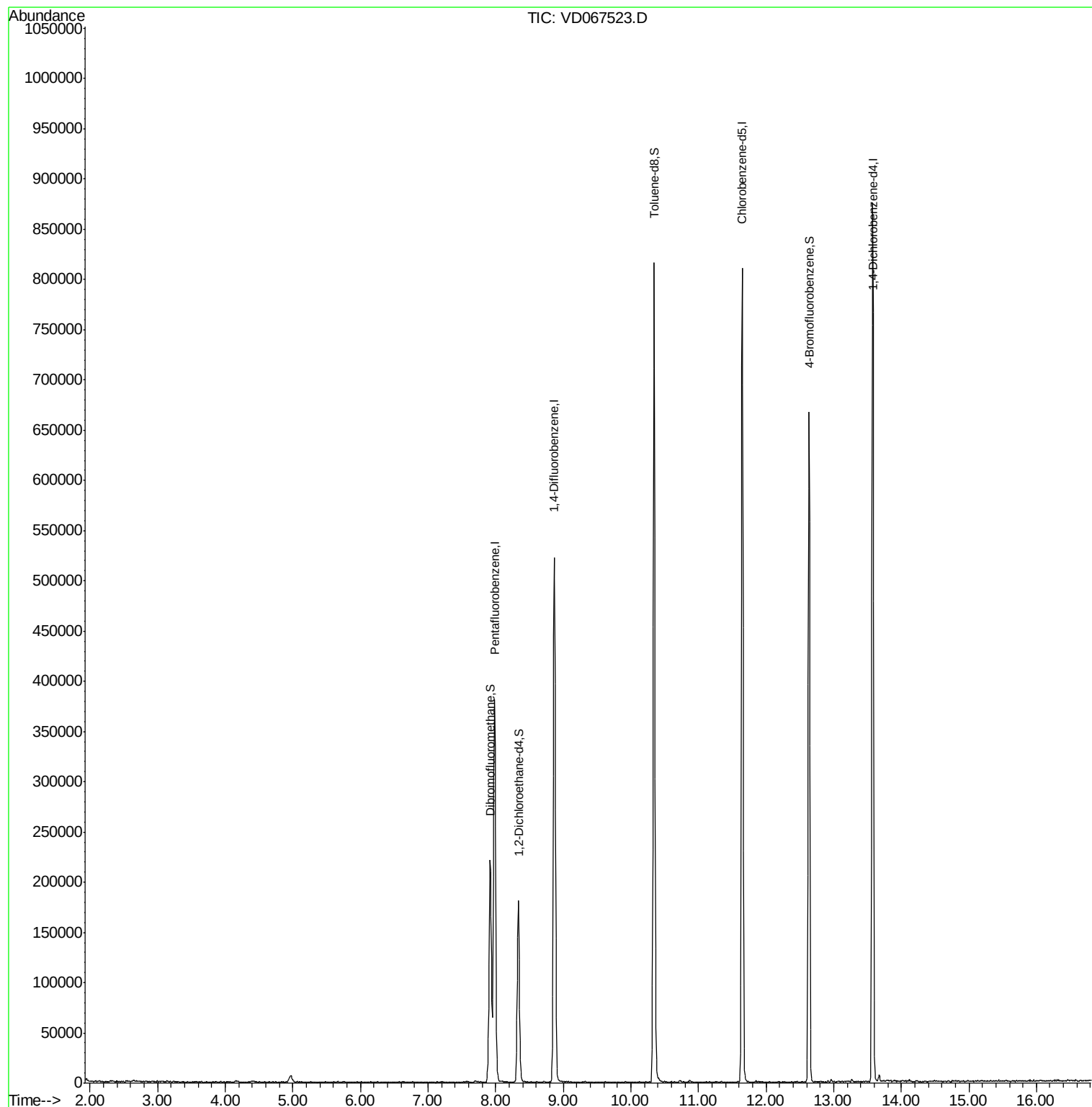
Target Compounds	Qvalue
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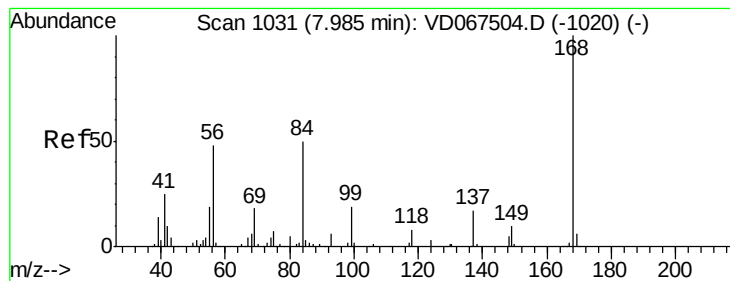
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067523.D

Acq: 04 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

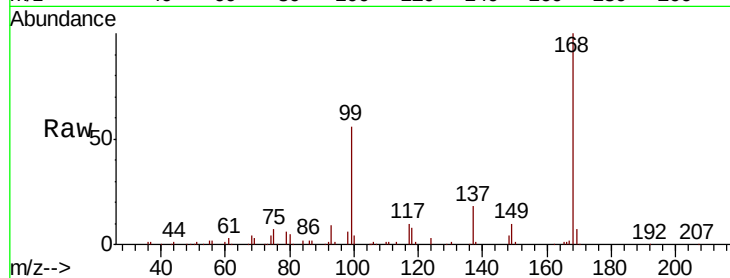
PAV-B7-110220-0-1

Tot Ion:168 Resp: 288659

Ion Ratio Lower Upper

168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

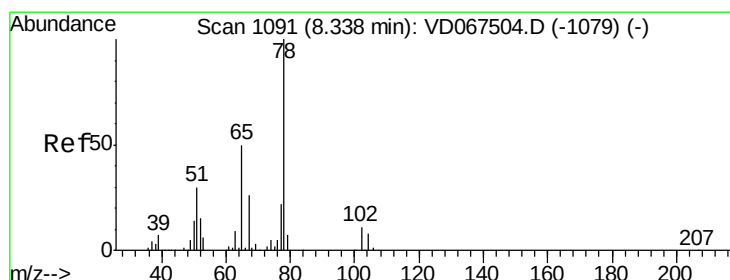
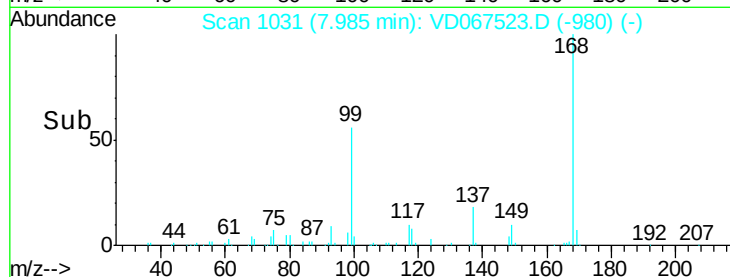
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.207 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD067523.D

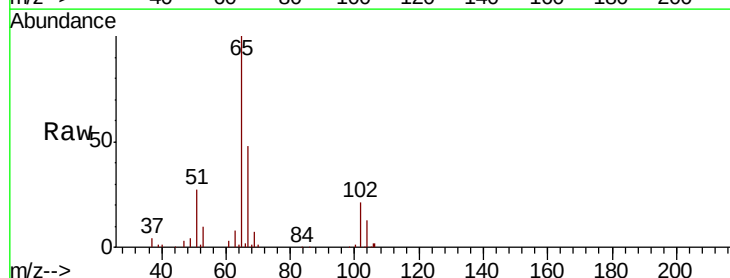
Acq: 04 Nov 2020 16:33

Tgt Ion: 65 Resp: 157011

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

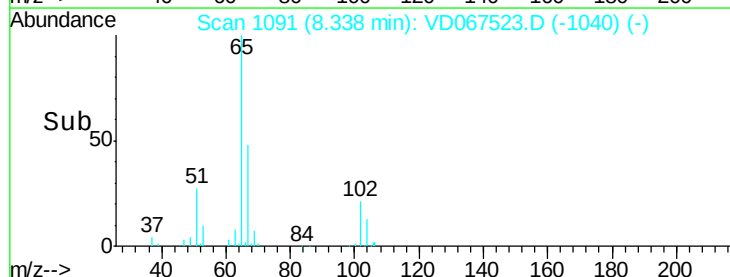
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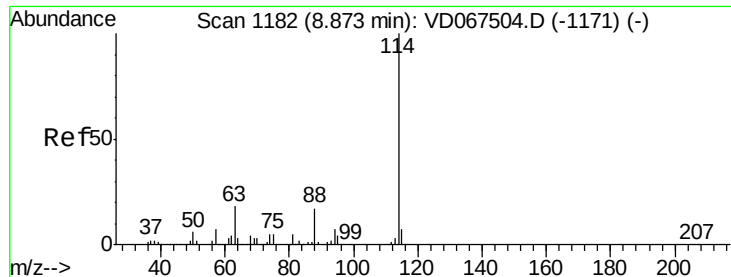
40000

20000

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Time-->

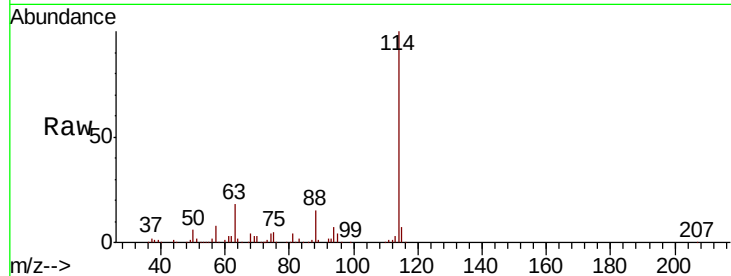




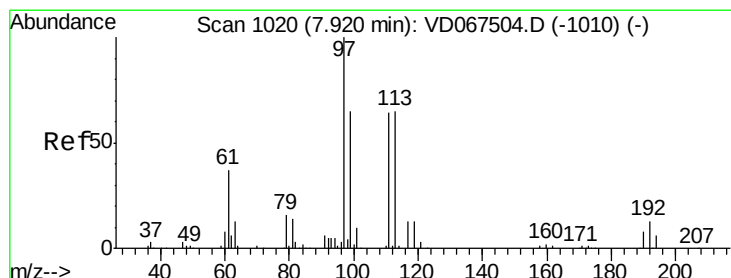
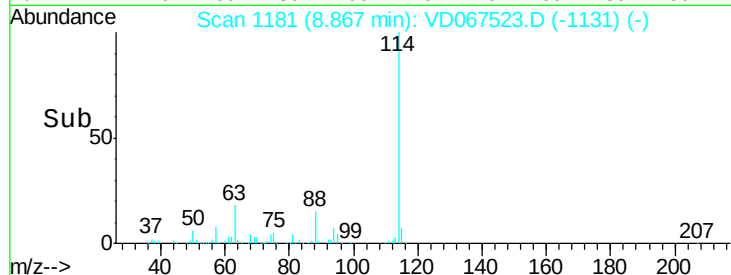
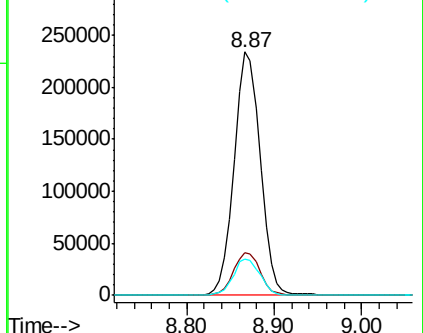
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067523.D
 Acq: 04 Nov 2020 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B7-110220-0-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.0
88	15.0	0.0	33.0

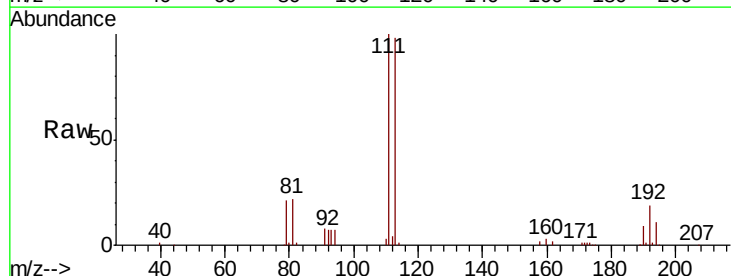


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

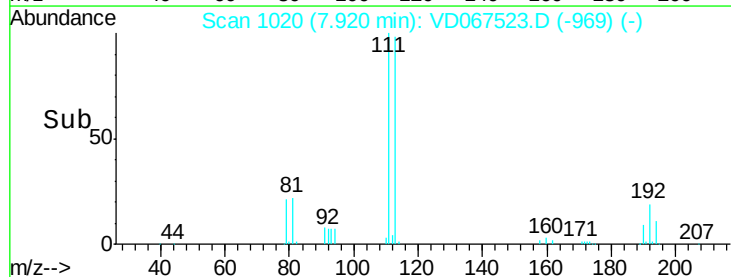
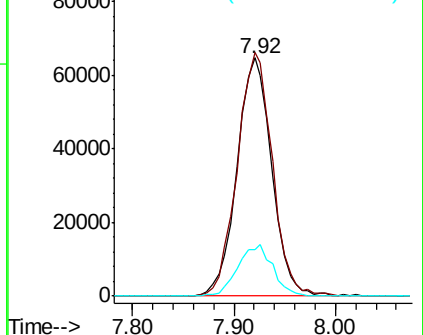


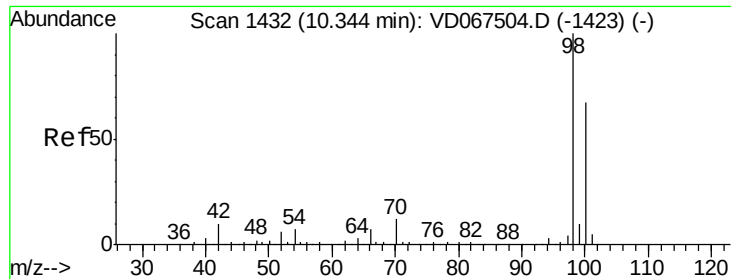
#35
 Dibromofluoromethane
 Concen: 53.931 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067523.D
 Acq: 04 Nov 2020 16:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.0	120.0
192	21.3	16.3	24.5



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: 55.869 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067523.D

Acq: 04 Nov 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

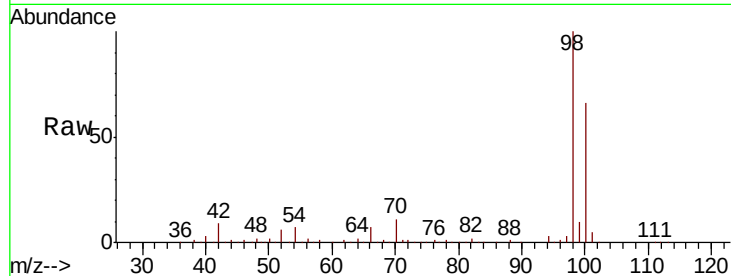
PAV-B7-110220-0-1

Tot Ion: 98 Resp: 560535

Ion Ratio Lower Upper

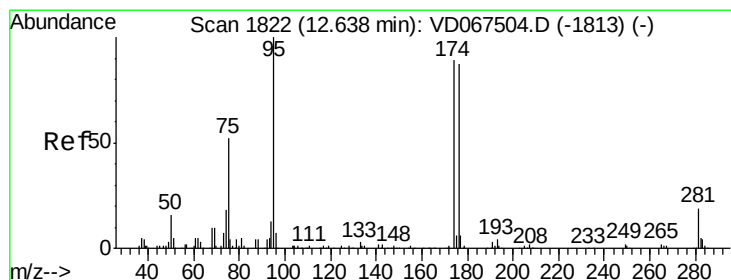
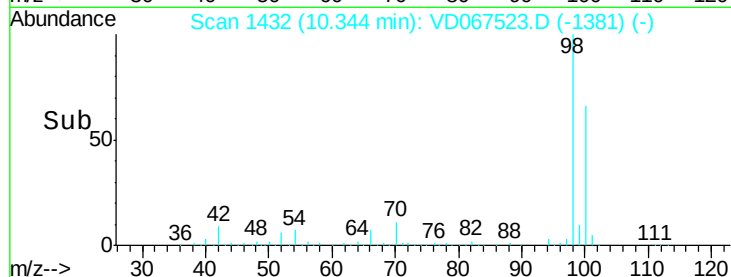
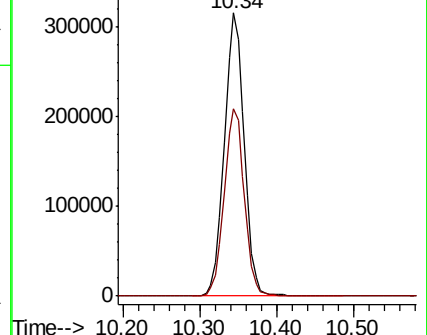
98 100

100 66.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VD067504.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD067504.D (-1423) (-)



#62

4-Bromofluorobenzene

Concen: 60.794 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067523.D

Acq: 04 Nov 2020 16:33

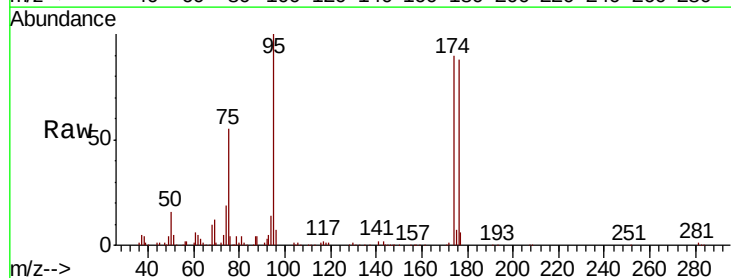
Tgt Ion: 95 Resp: 210584

Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.8

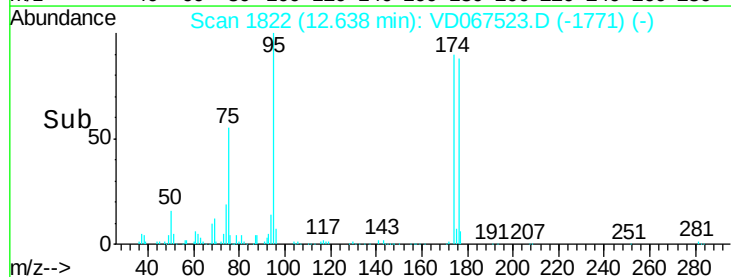
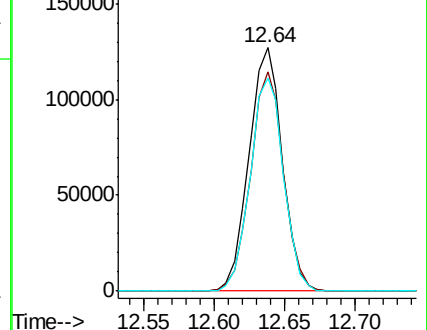
176 87.7 0.0 172.0

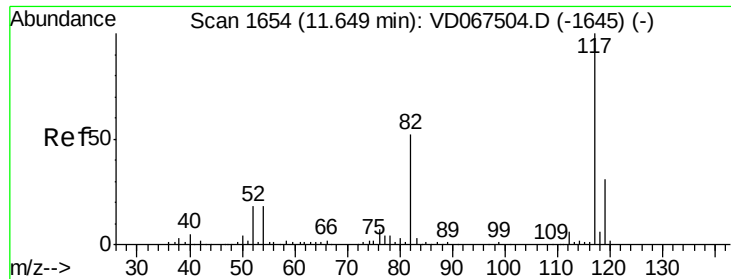


Abundance Ion 94.90 (94.60 to 95.60): VD067504.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD067504.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD067504.D (-1813) (-)

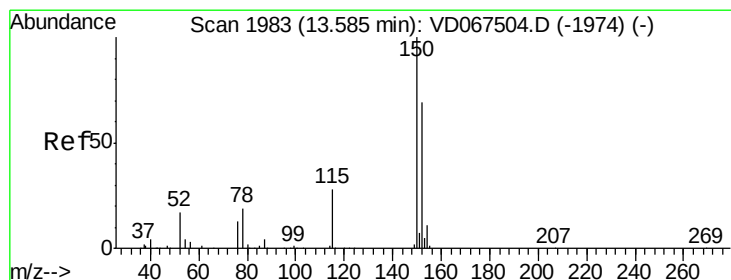
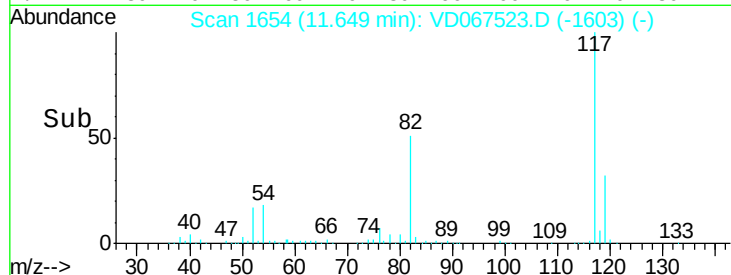
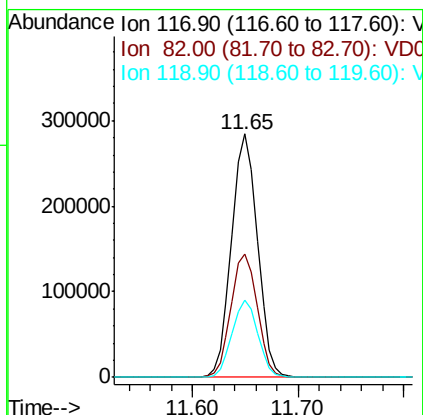
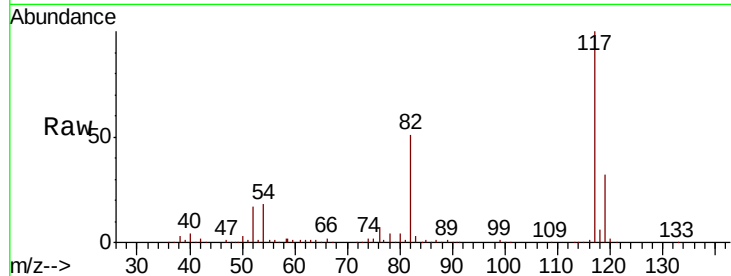




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067523.D
Acq: 04 Nov 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
PAV-B7-110220-0-1

Tot Ion:117 Resp: 483385
Ion Ratio Lower Upper
117 100
82 50.7 41.6 62.4
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067523.D
Acq: 04 Nov 2020 16:33

Tgt Ion:152 Resp: 245443
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 156.6 0.0 338.2

