

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102920\
 Data File : VD067457.D
 Acq On : 29 Oct 2020 17:35
 Operator : VA/SY
 Sample : L4560-06
 Misc : 7.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC3-SO-0004

Quant Time: Oct 30 03:28:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

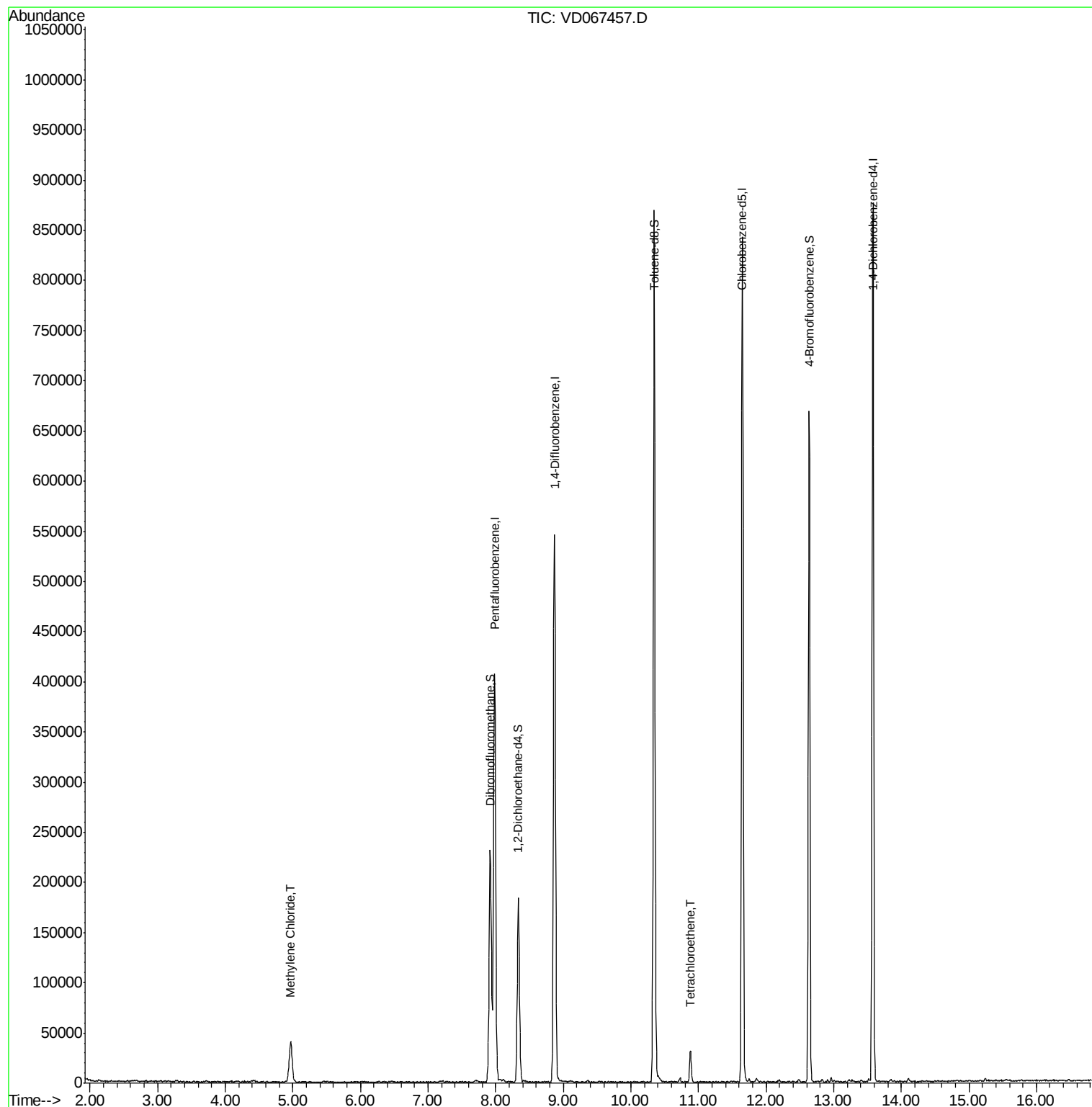
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	309974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	505838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	498678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	249008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156049	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	7.92	113	167510	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	10.34	98	605906	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.64	95	215407	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
20) Methylene Chloride	4.96	84	34070	8.504	ug/l	93
64) Tetrachloroethene	10.88	164	7219	1.998	ug/l #	85

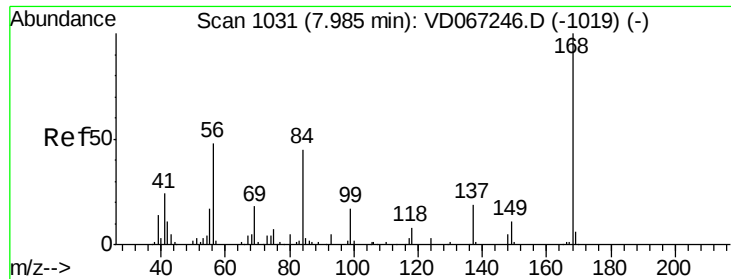
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102920\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067457.D

Acq: 29 Oct 2020 17:35

Instrument :

MSVOA_D

ClientSampleId :

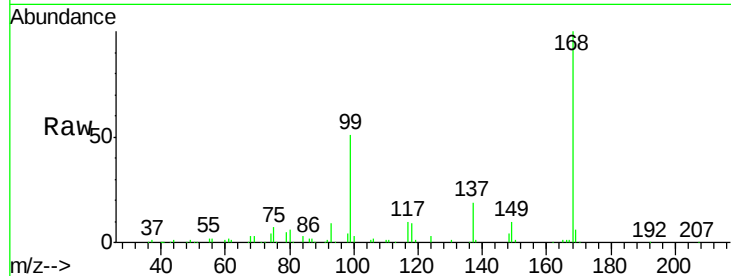
B308-B309-LOC3-SO-0004

Tot Ion:168 Resp: 309974

Ion Ratio Lower Upper

168 100

99 51.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

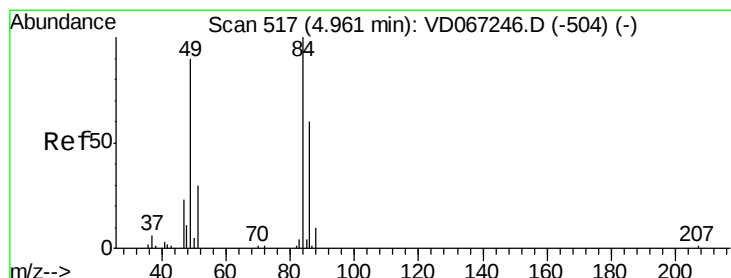
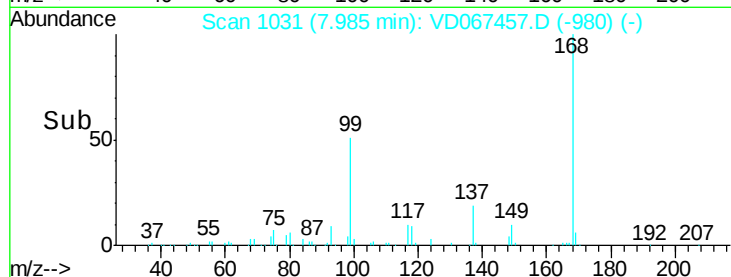
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 8.504 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067457.D

Acq: 29 Oct 2020 17:35

Tgt Ion: 84 Resp: 34070

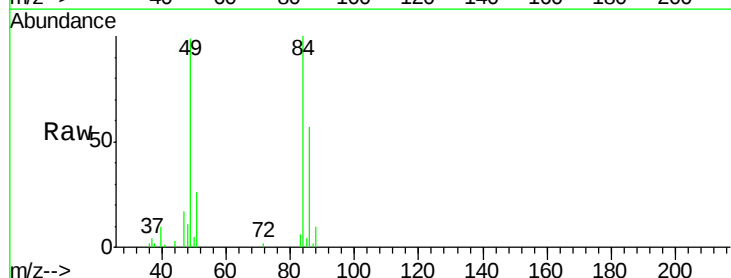
Ion Ratio Lower Upper

84 100

49 98.6 72.2 108.2

51 25.8 23.8 35.8

86 56.9 48.2 72.4



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

15000

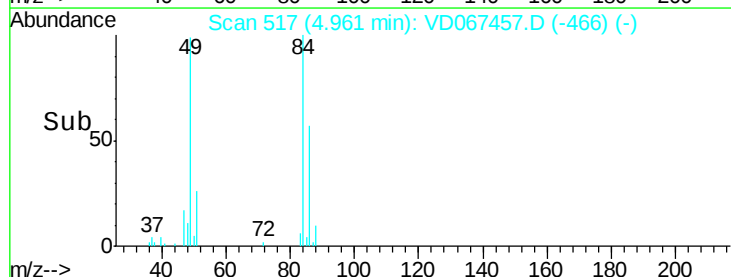
10000

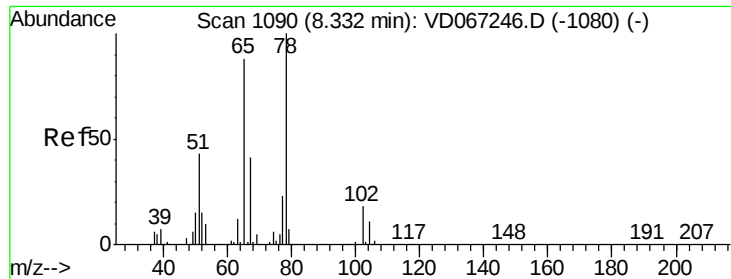
5000

0

4.90 4.95 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.250 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067457.D

Acq: 29 Oct 2020 17:35

Instrument :

MSVOA_D

ClientSampleId :

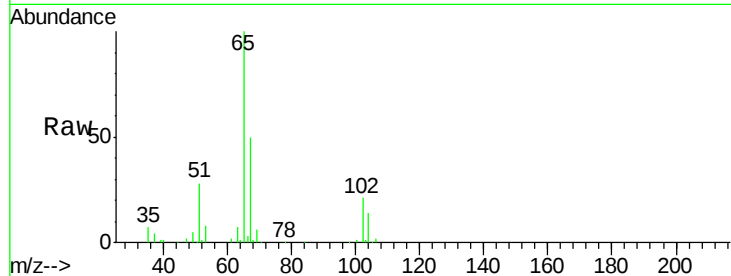
B308-B309-LOC3-SO-0004

Tot Ion: 65 Resp: 156049

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

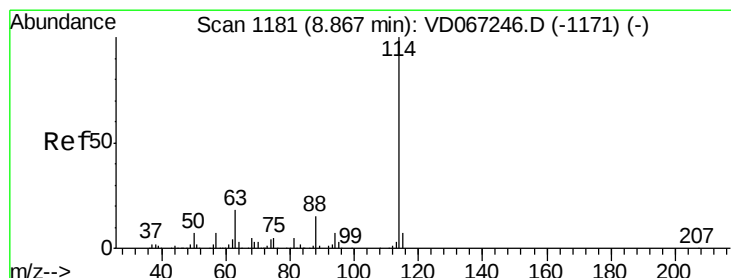
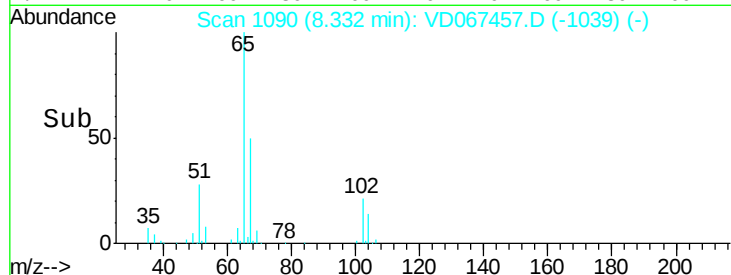
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067457.D

Acq: 29 Oct 2020 17:35

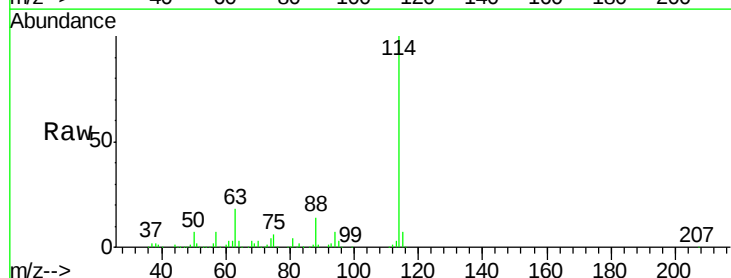
Tgt Ion: 114 Resp: 505838

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.87

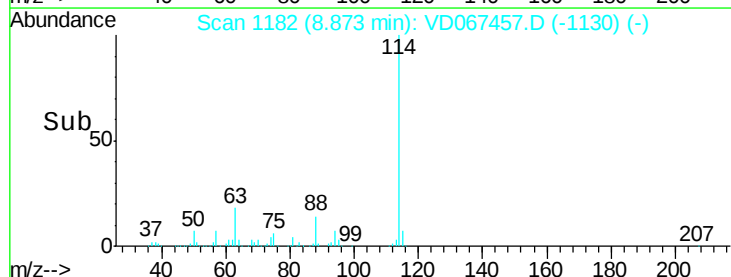
300000

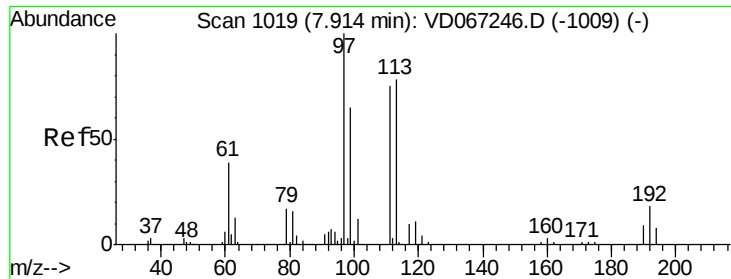
200000

100000

0

Time--> 8.80 8.90 9.00

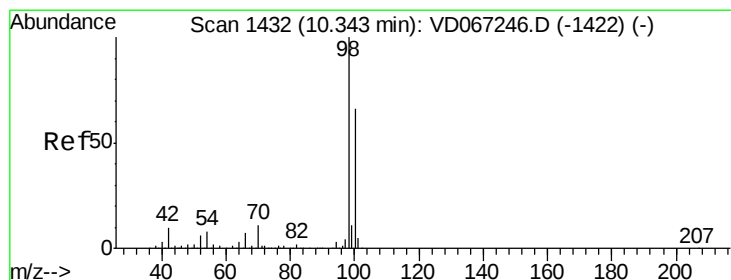
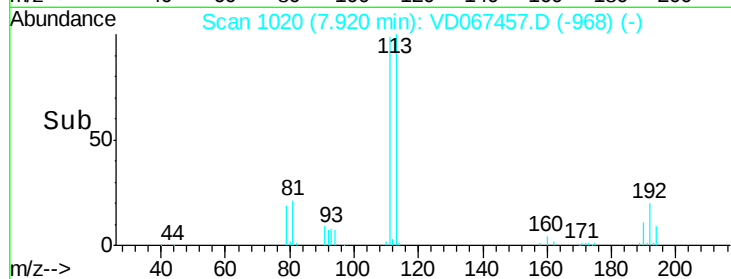
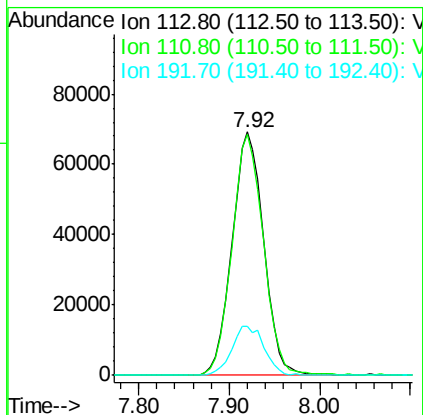
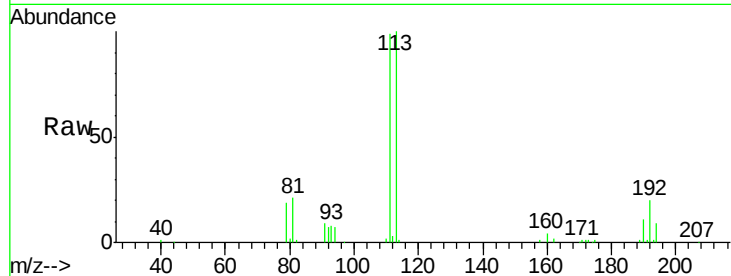




#35
 Dibromofluoromethane
 Concen: 49.760 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067457.D
 Acq: 29 Oct 2020 17:35

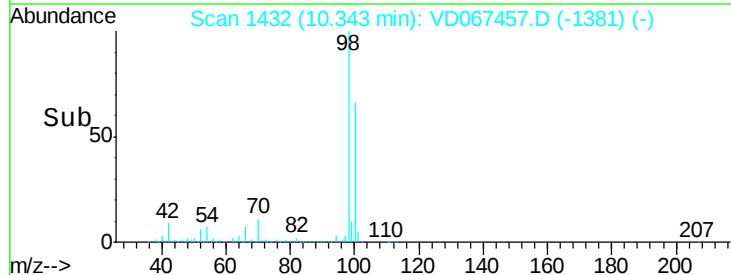
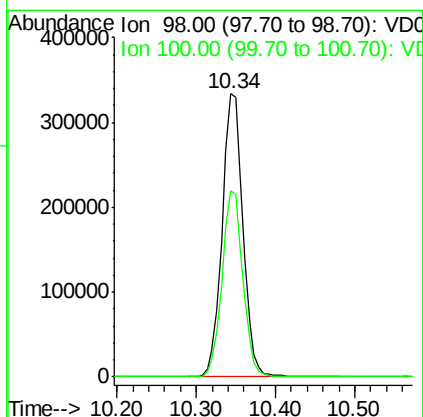
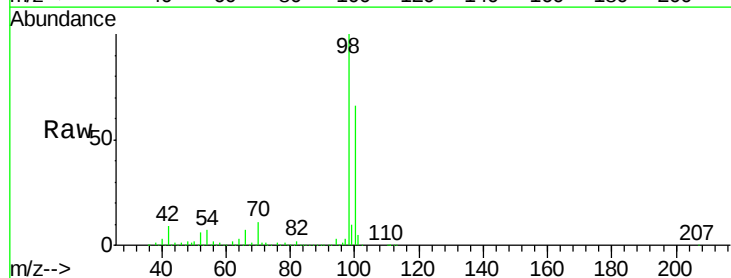
Instrument :
 MSVOA_D
 ClientSampleId :
 B308-B309-LOC3-SO-0004

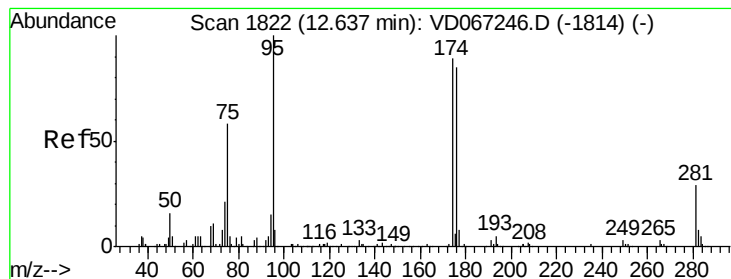
Tot Ion:113 Resp: 167510
 Ion Ratio Lower Upper
 113 100
 111 98.5 81.6 122.4
 192 20.7 17.0 25.4



#50
 Toluene-d8
 Concen: 49.736 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067457.D
 Acq: 29 Oct 2020 17:35

Tgt Ion: 98 Resp: 605906
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.850 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067457.D

Acq: 29 Oct 2020 17:35

Instrument :

MSVOA_D

ClientSampleId :

B308-B309-LOC3-SO-0004

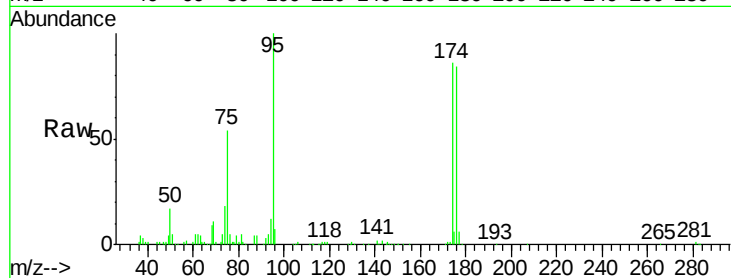
Tot Ion: 95 Resp: 215407

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.2

176 84.3 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VD067246.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD067246.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD067246.D (-1814) (-)

12.64

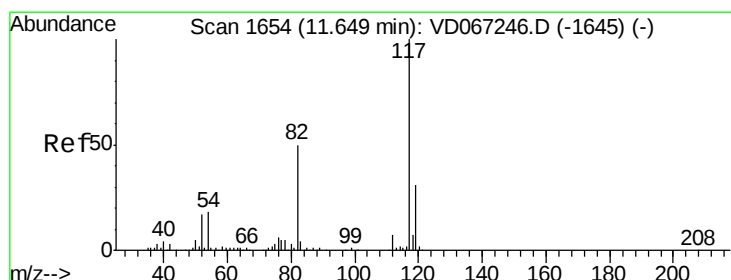
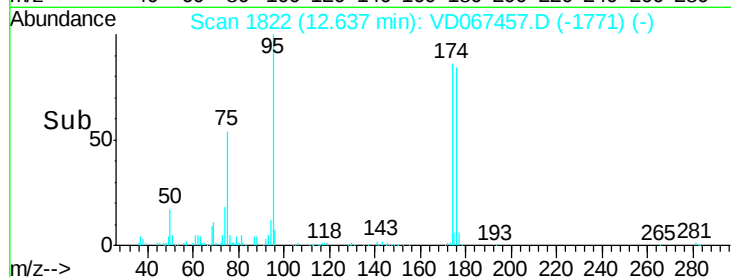
150000

100000

50000

0

Time--> 12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067457.D

Acq: 29 Oct 2020 17:35

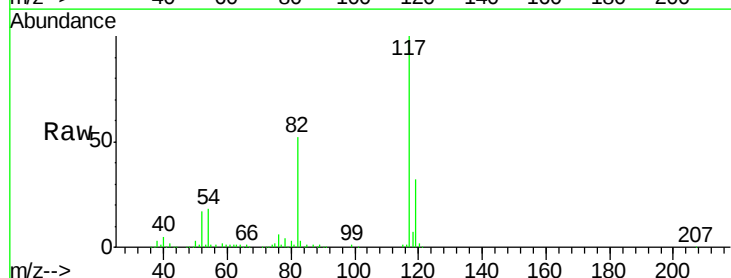
Tgt Ion: 117 Resp: 498678

Ion Ratio Lower Upper

117 100

82 52.3 39.9 59.9

119 32.4 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): VD067246.D (-1645) (-)

Ion 82.00 (81.70 to 82.70): VD067246.D (-1645) (-)

Ion 118.90 (118.60 to 119.60): VD067246.D (-1645) (-)

11.65

400000

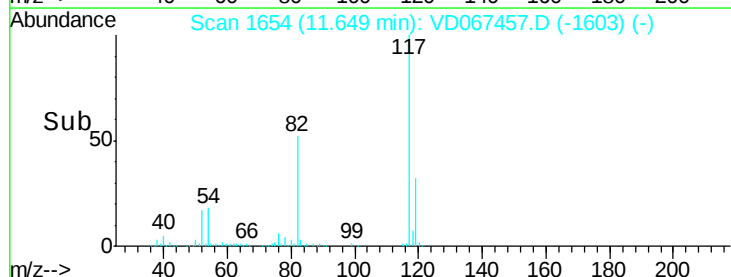
300000

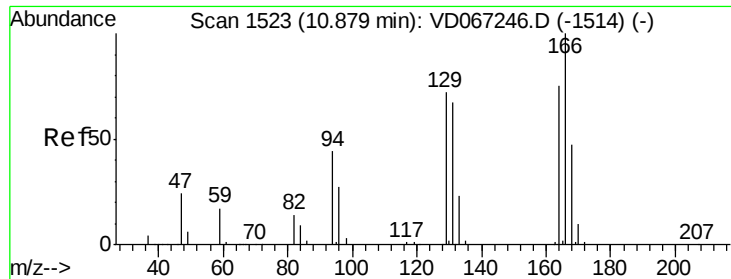
200000

100000

0

Time--> 11.60 11.70

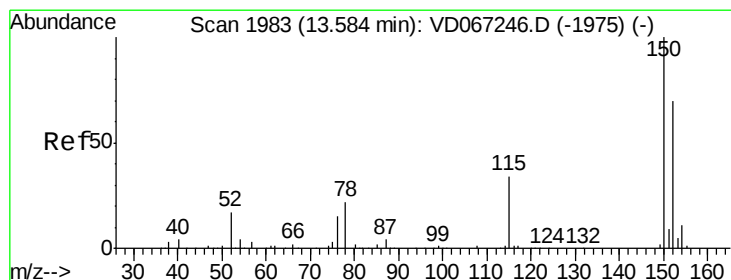
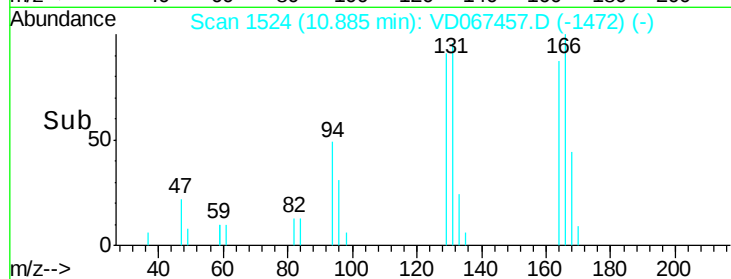
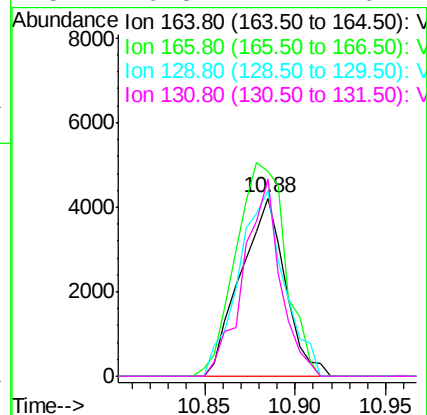
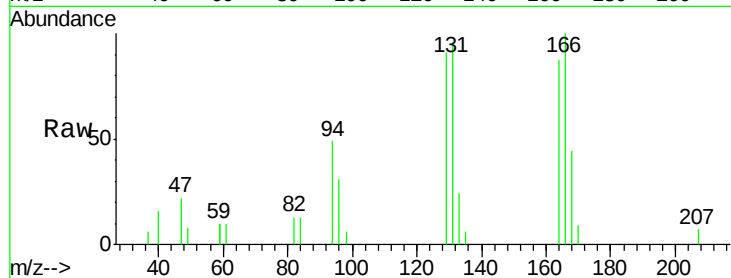




#64
Tetrachloroethene
Concen: 1.998 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD067457.D
Acq: 29 Oct 2020 17:35

Instrument :
MSVOA_D
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Tot Ion	Ratio	Lower	Upper
164	100		
166	115.3	107.3	160.9
129	104.4	77.3	115.9
131	110.3	71.4	107.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067457.D
Acq: 29 Oct 2020 17:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	87.9
150	154.5	0.0	339.0

