

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066321.D
 Acq On : 19 Aug 2020 16:24
 Operator : VA/SY
 Sample : L3681-04
 Misc : 7.75G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 20 07:38:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

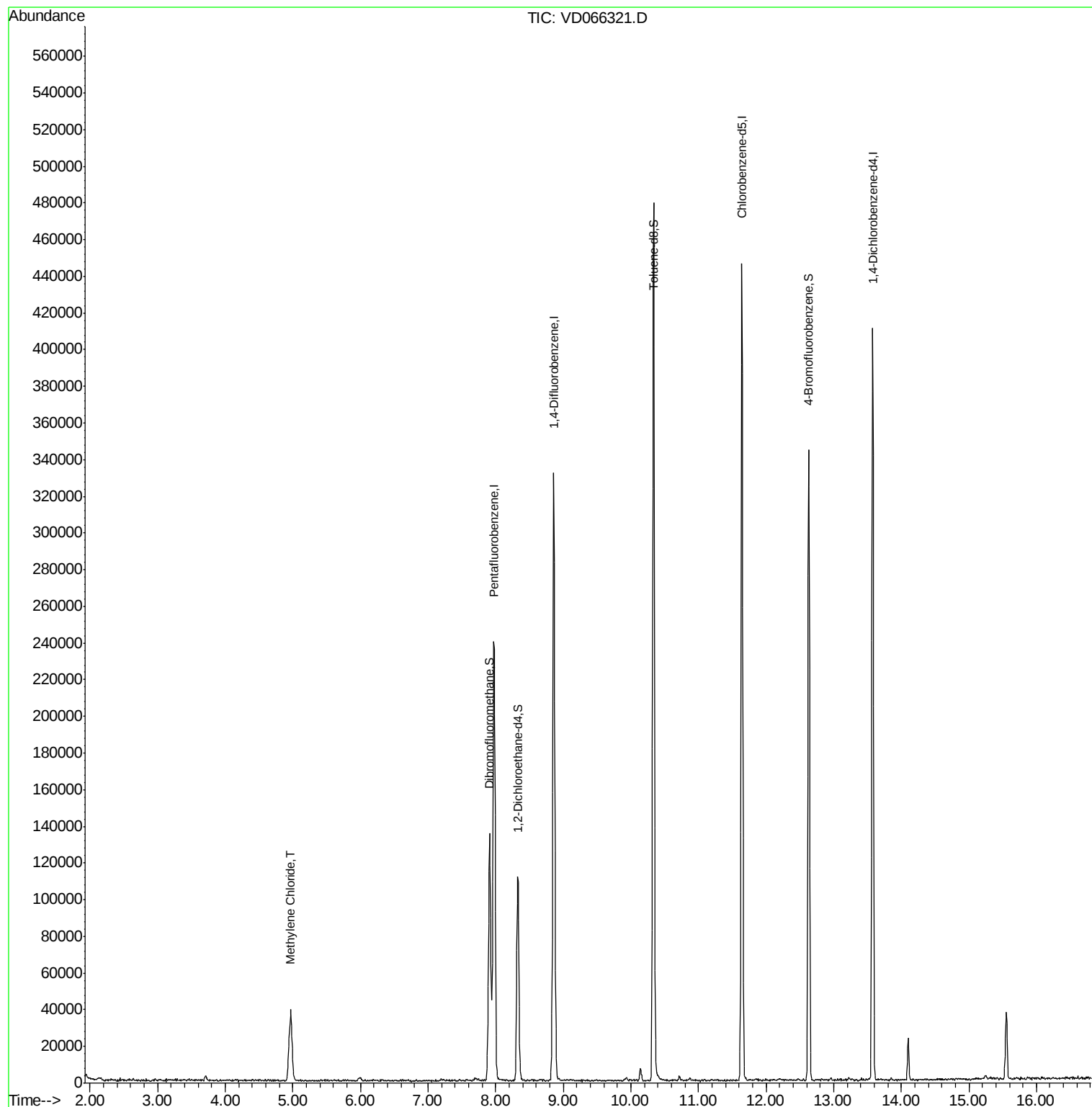
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	190492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	283492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	253300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	112671	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	93880	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.91	113	93293	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
50) Toluene-d8	10.34	98	322424	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.63	95	102606	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.90%	
Target Compounds						
20) Methylene Chloride	4.97	84	30645	13.106	ug/l	Qvalue 99

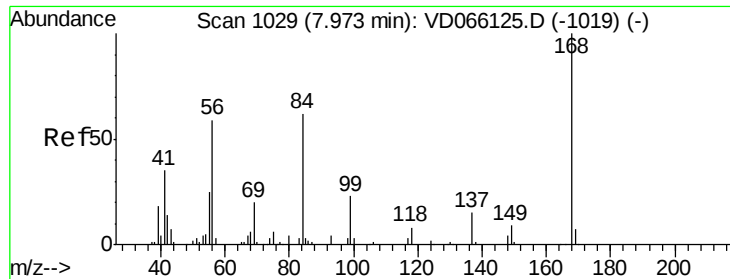
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081920\
Data File : VD066321.D
Acq On : 19 Aug 2020 16:24
Operator : VA/SY
Sample : L3681-04
Misc : 7.75G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Quant Time: Aug 20 07:38:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066321.D

Acq: 19 Aug 2020 16:24

Instrument :

MSVOA_D

ClientSampleId :

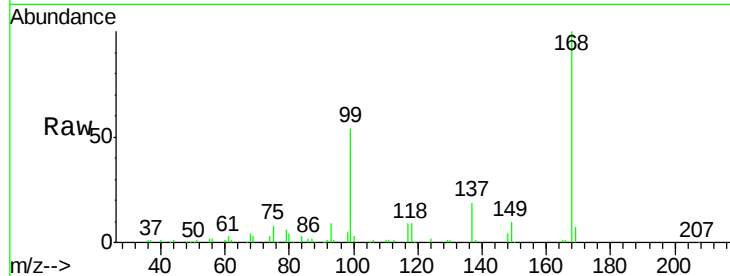
TP-2

Tot Ion:168 Resp: 190492

Ion Ratio Lower Upper

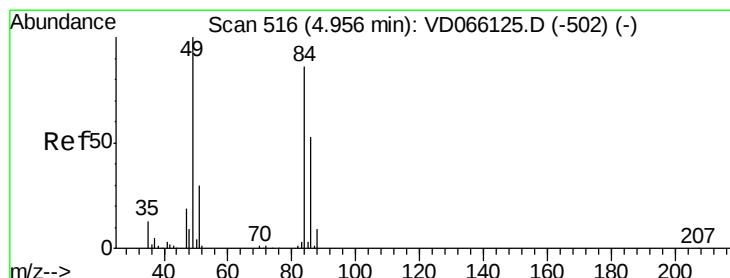
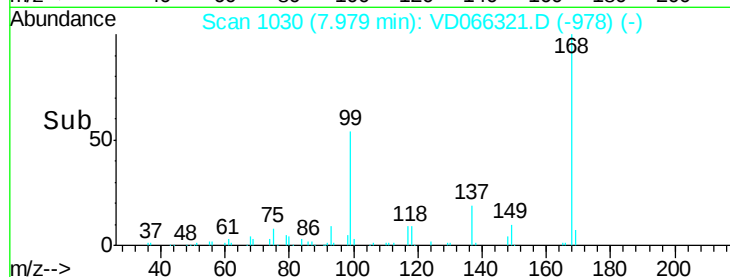
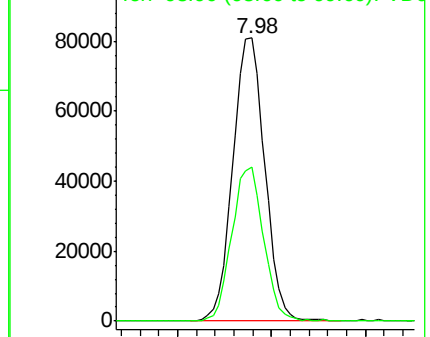
168 100

99 54.5 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 13.106 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066321.D

Acq: 19 Aug 2020 16:24

Tgt Ion: 84 Resp: 30645

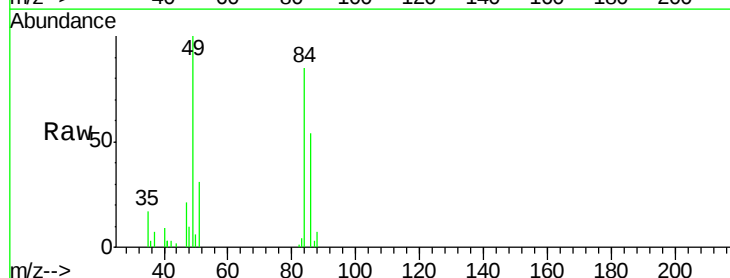
Ion Ratio Lower Upper

84 100

49 118.2 93.5 140.3

51 36.2 28.2 42.4

86 63.4 49.5 74.3

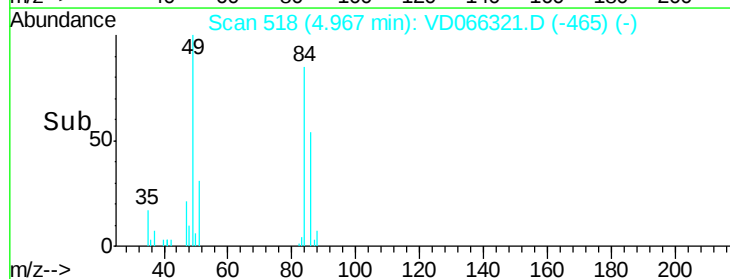
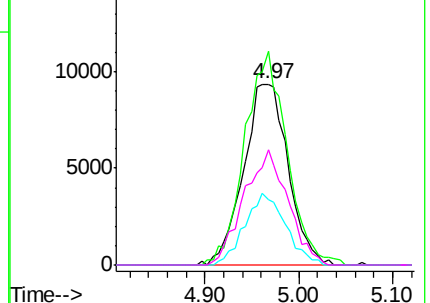


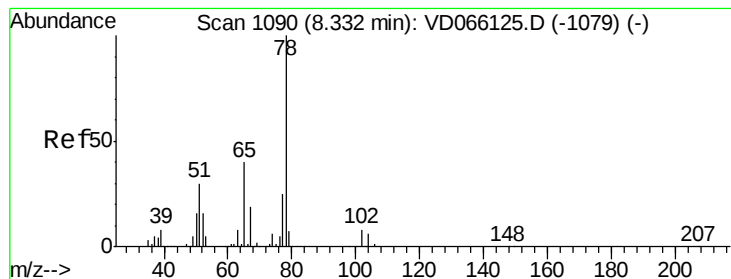
Abundance Ion 83.90 (83.60 to 84.60): VDC

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: 55.241 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066321.D

Acq: 19 Aug 2020 16:24

Instrument :

MSVOA_D

ClientSampleId :

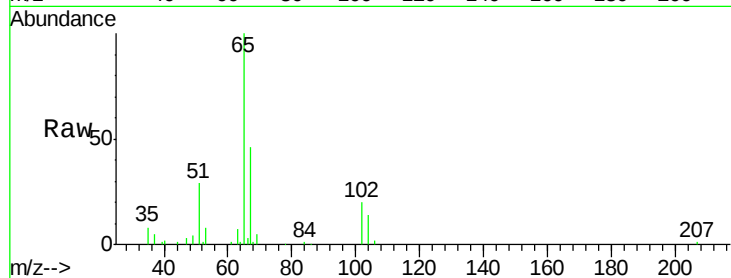
TP-2

Tot Ion: 65 Resp: 93880

Ion Ratio Lower Upper

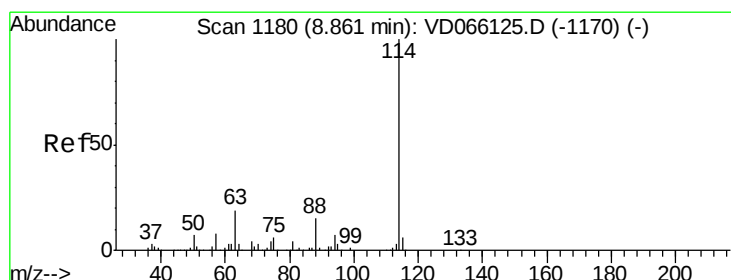
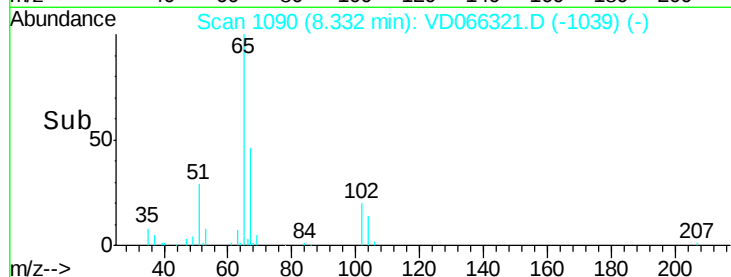
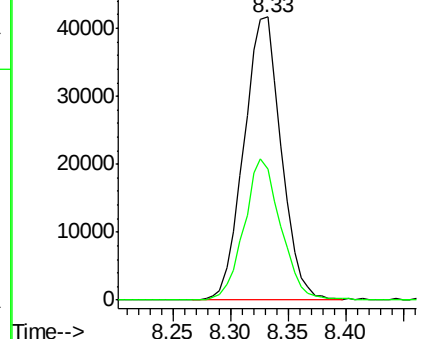
65 100

67 48.9 0.0 104.6



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066321.D

Acq: 19 Aug 2020 16:24

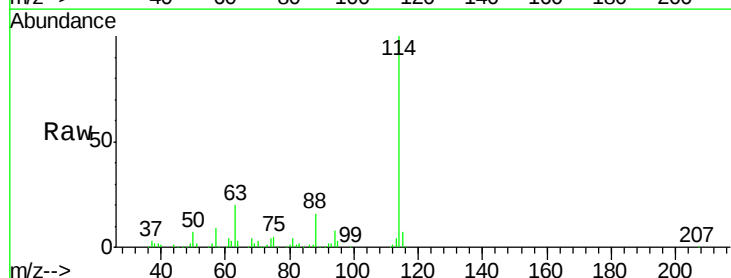
Tgt Ion: 114 Resp: 283492

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

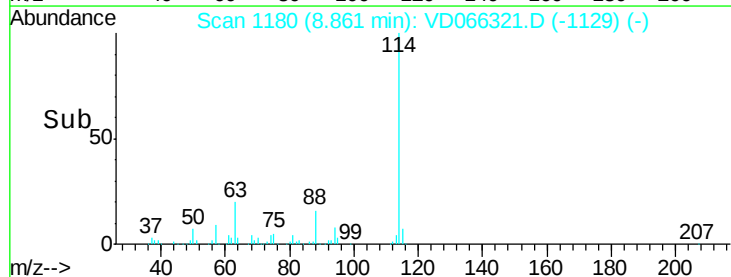
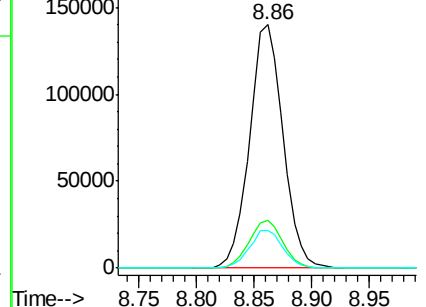
88 15.6 0.0 30.0

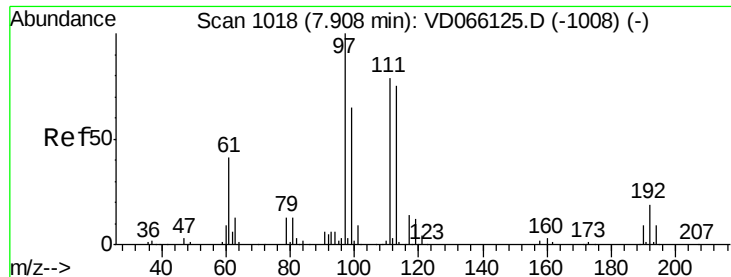


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

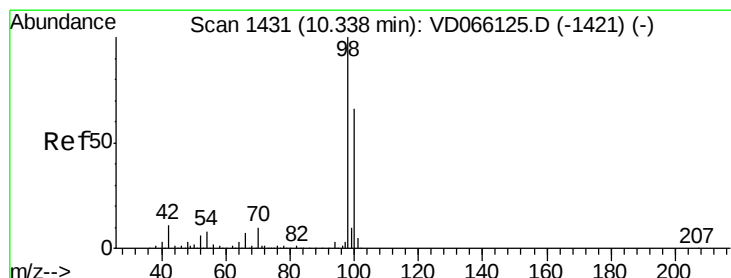
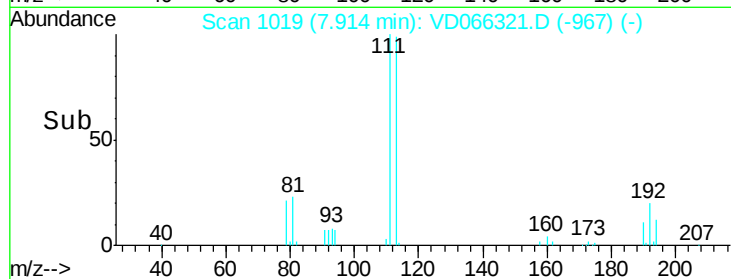
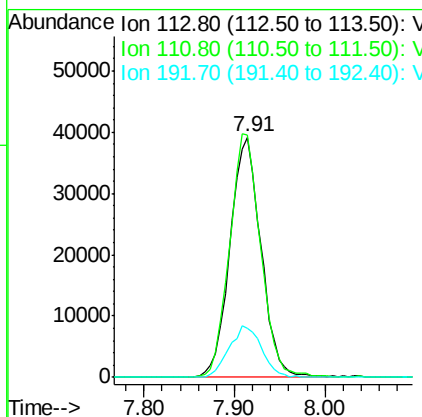
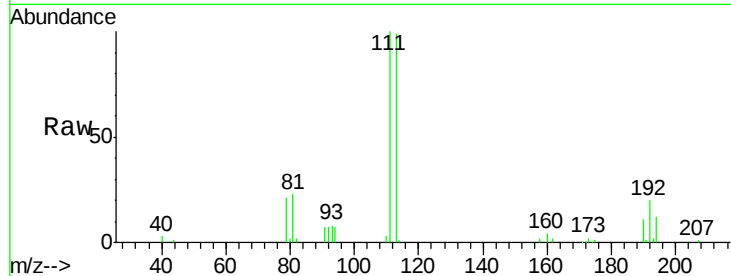




#35
Dibromofluoromethane
Concen: 51.948 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066321.D
Acq: 19 Aug 2020 16:24

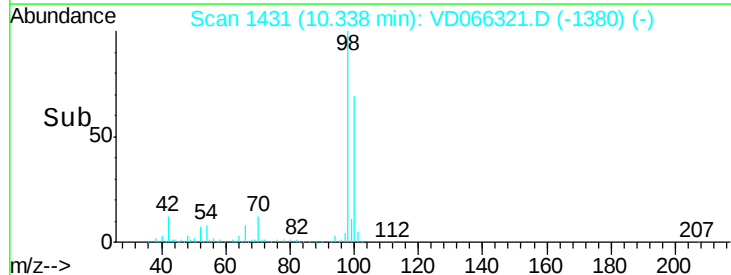
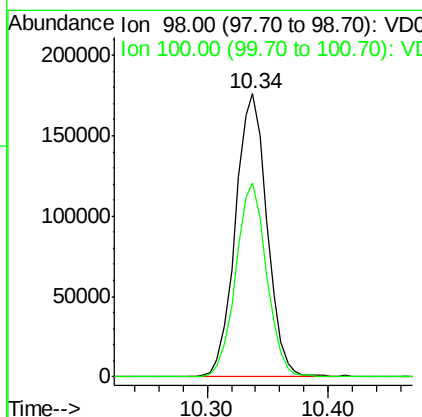
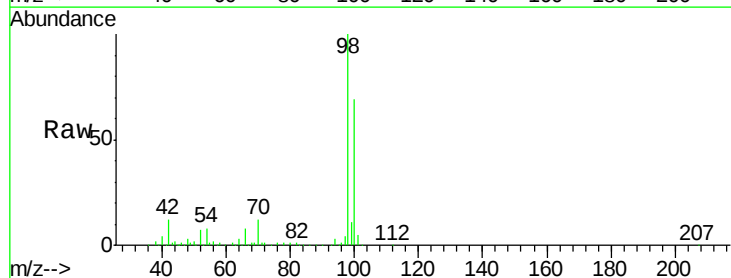
Instrument :
MSVOA_D
ClientSampled :
TP-2

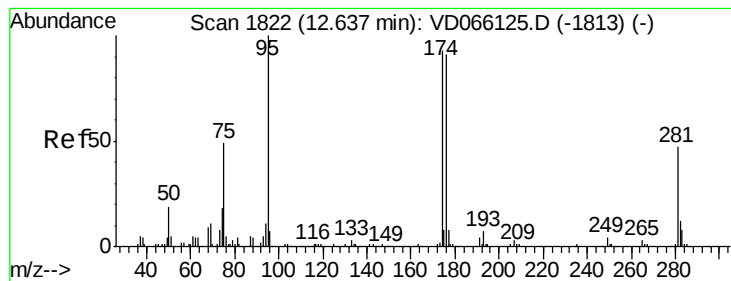
Tot Ion:113 Resp: 93293
Ion Ratio Lower Upper
113 100
111 101.7 80.7 121.1
192 22.4 18.4 27.6



#50
Toluene-d8
Concen: 48.651 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066321.D
Acq: 19 Aug 2020 16:24

Tgt Ion: 98 Resp: 322424
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 42.952 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066321.D

Acq: 19 Aug 2020 16:24

Instrument :

MSVOA_D

ClientSampleId :

TP-2

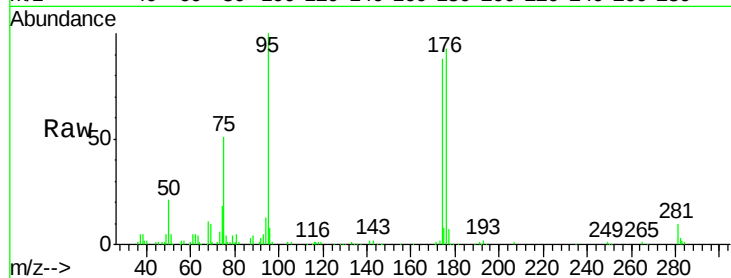
Tot Ion: 95 Resp: 102606

Ion Ratio Lower Upper

95 100

174 92.0 0.0 180.8

176 90.8 0.0 181.2



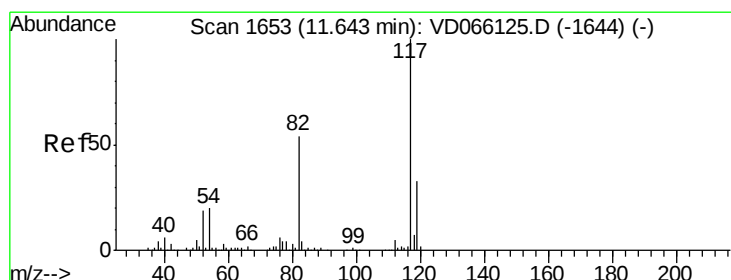
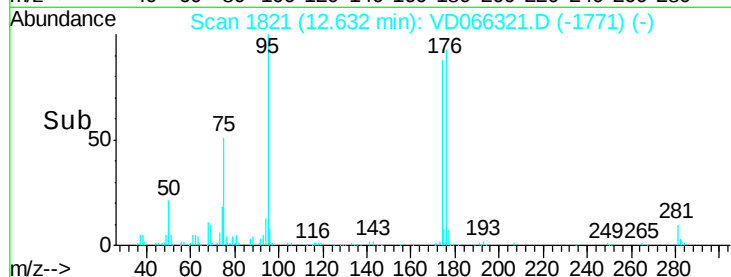
Abundance Ion 94.90 (94.60 to 95.60): VD066321.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066321.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066321.D (-1771) (-)

12.63

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066321.D

Acq: 19 Aug 2020 16:24

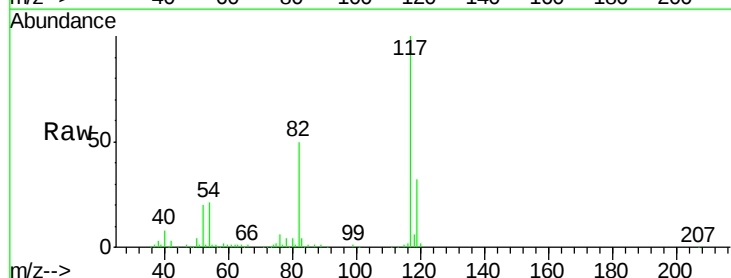
Tgt Ion: 117 Resp: 253300

Ion Ratio Lower Upper

117 100

82 49.9 43.0 64.4

119 32.1 26.1 39.1



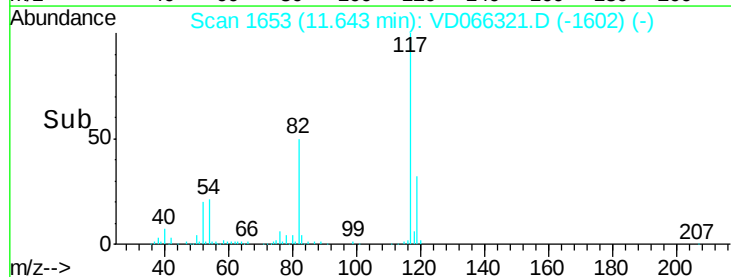
Abundance Ion 116.90 (116.60 to 117.60): VD066321.D (-1602) (-)

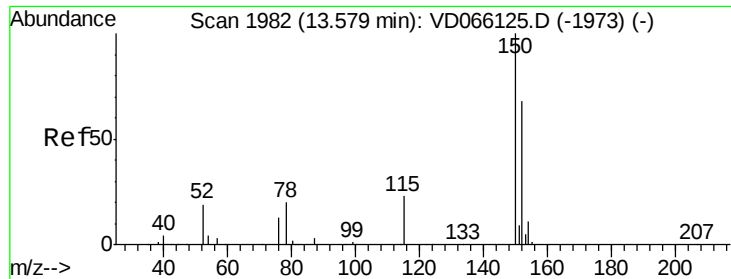
Ion 82.00 (81.70 to 82.70): VD066321.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066321.D (-1602) (-)

11.64

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066321.D

Acq: 19 Aug 2020 16:24

Instrument :

MSVOA_D

ClientSampleId :

TP-2

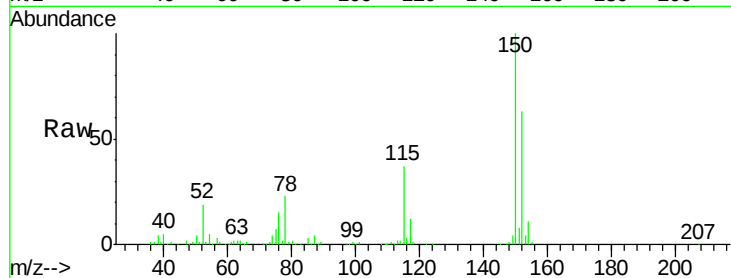
Tot Ion:152 Resp: 112671

Ion Ratio Lower Upper

152 100

115 56.4 28.0 83.9

150 153.9 0.0 346.4



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

