

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081920\
 Data File : VD066341.D
 Acq On : 20 Aug 2020 03:40
 Operator : VA/SY
 Sample : L3689-10
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Aug 24 14:51:26 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

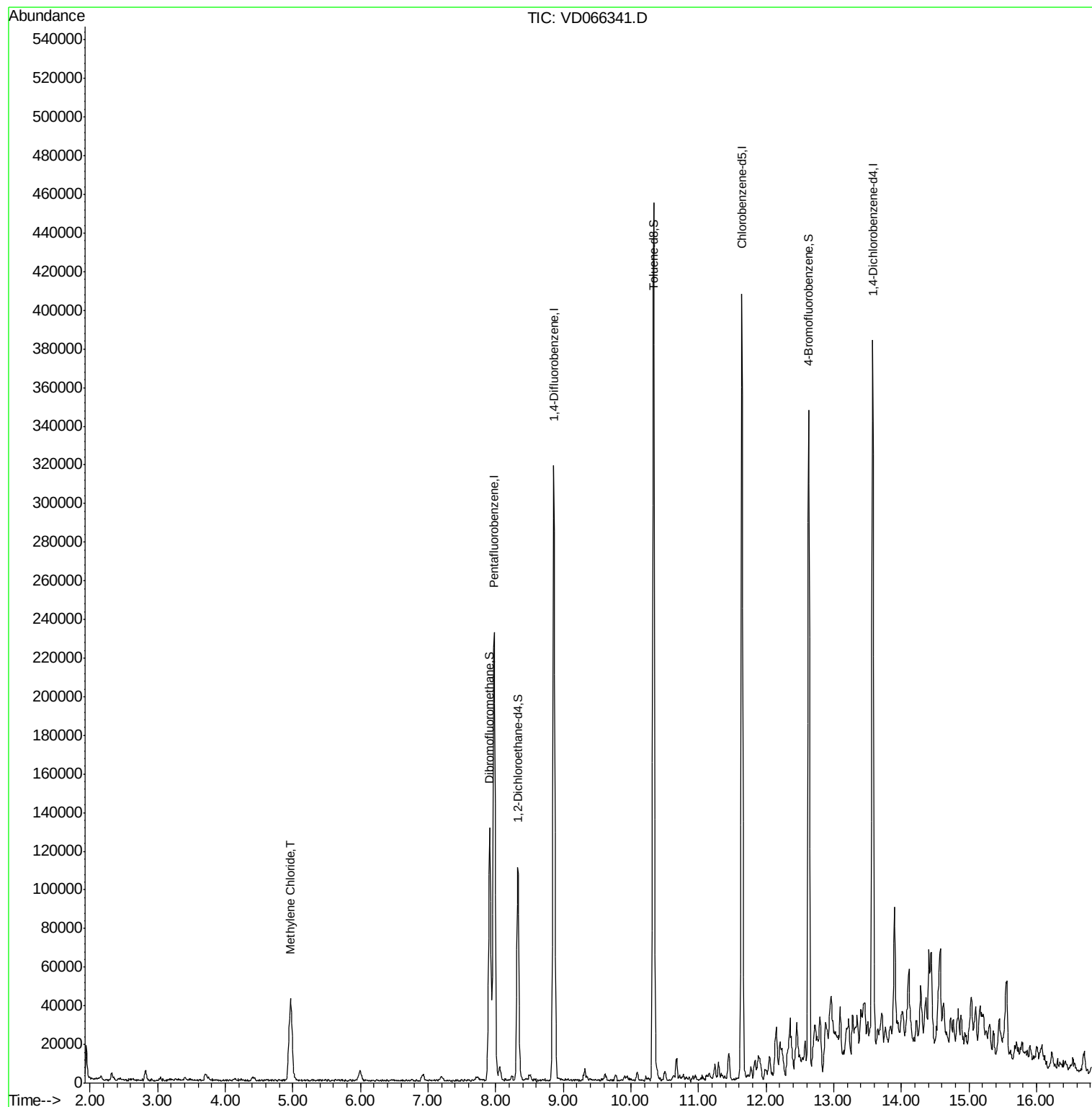
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	178408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	277410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	235250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	104240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91946	57.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.54%	
35) Dibromofluoromethane	7.91	113	88940	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	10.34	98	304079	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
62) 4-Bromofluorobenzene	12.63	95	99432	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
Target Compounds						
20) Methylene Chloride	4.97	84	32637	15.609	ug/l	Qvalue 92

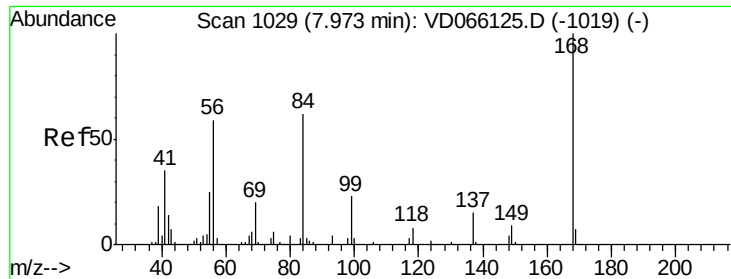
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066341.D

Acq: 20 Aug 2020 03:40

Instrument :

MSVOA_D

ClientSampled :

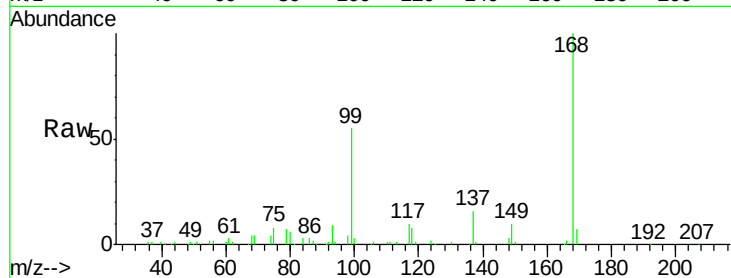
TP-3

Tgt Ion:168 Resp: 178408

Ion Ratio Lower Upper

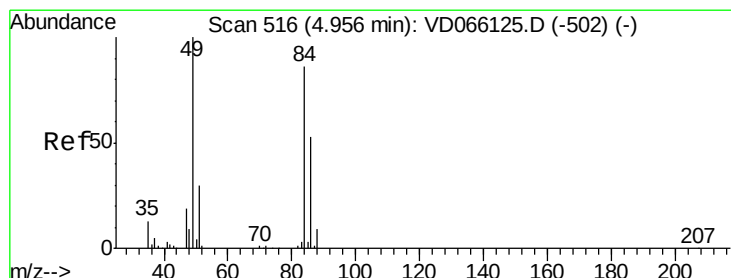
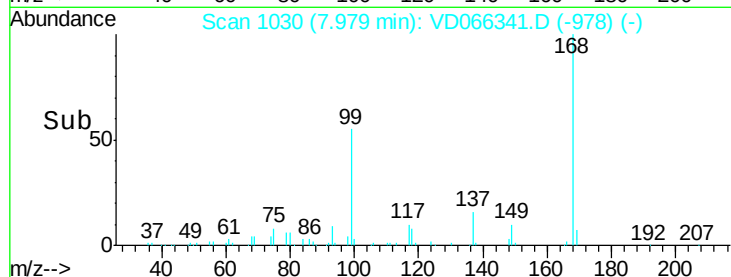
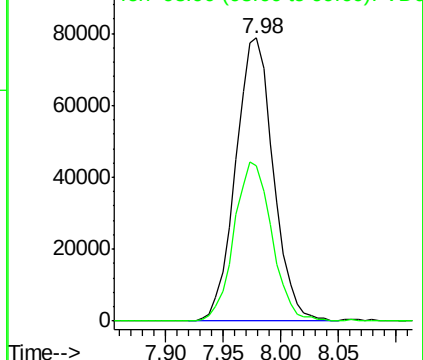
168 100

99 54.7 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: 15.609 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066341.D

Acq: 20 Aug 2020 03:40

Tgt Ion: 84 Resp: 32637

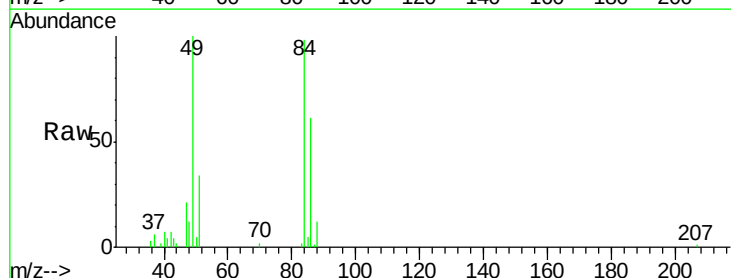
Ion Ratio Lower Upper

84 100

49 102.5 93.5 140.3

51 34.6 28.2 42.4

86 62.6 49.5 74.3

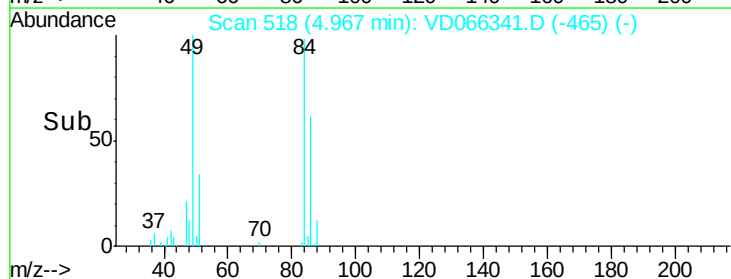
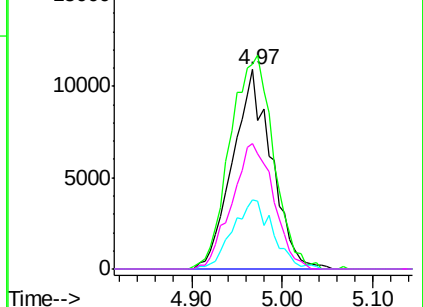


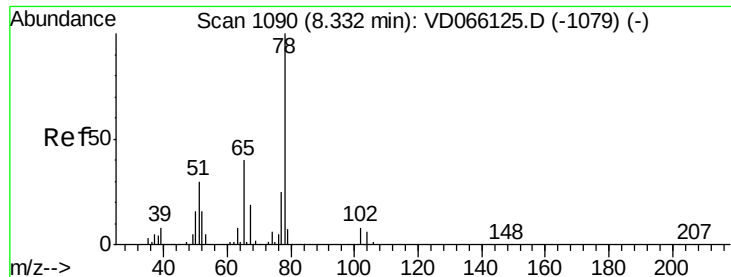
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

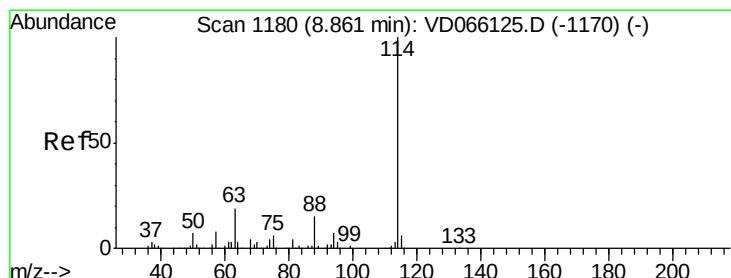
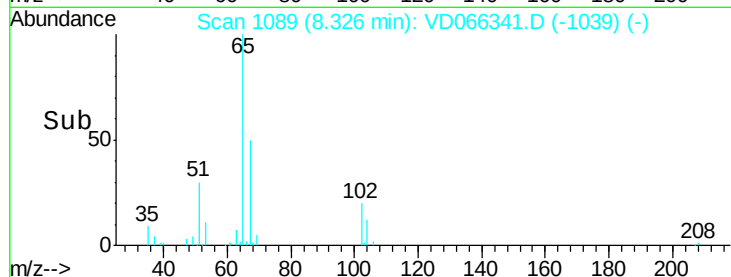
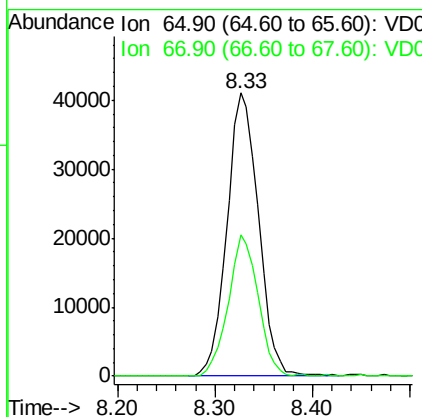
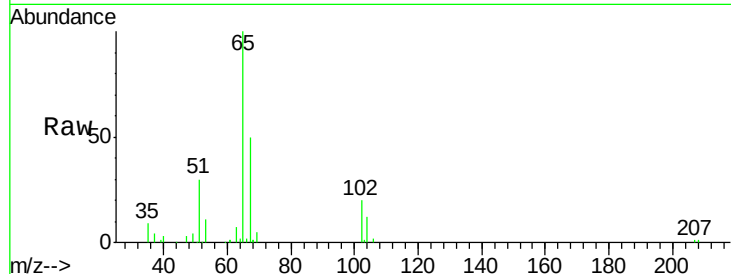




#33
 1,2-Dichloroethane-d4
 Concen: 57.767 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066341.D
 Acq: 20 Aug 2020 03:40

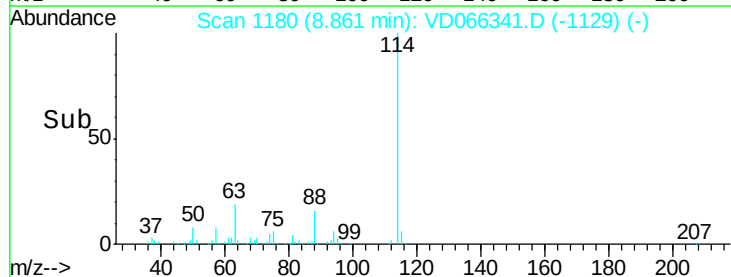
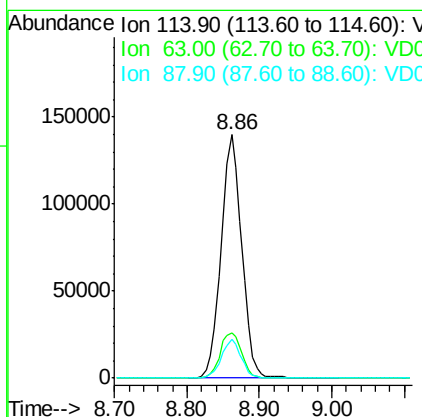
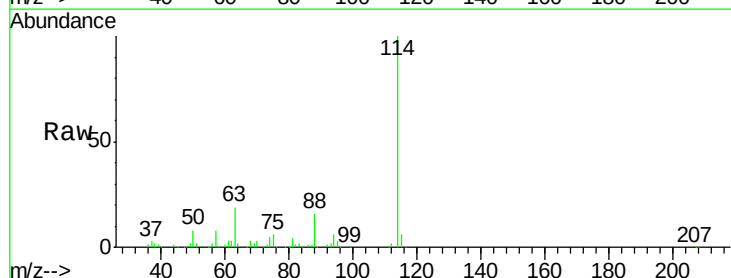
Instrument :
 MSVOA_D
 ClientSampled :
 TP-3

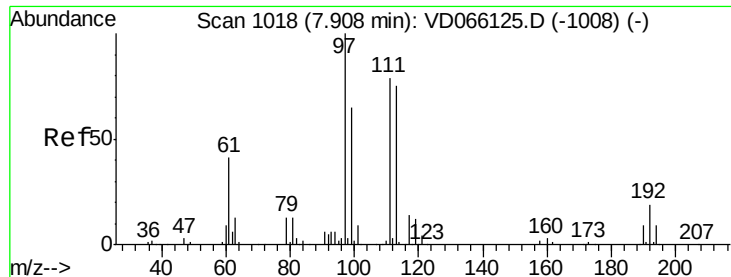
Tgt Ion: 65 Resp: 91946
 Ion Ratio Lower Upper
 65 100
 67 47.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066341.D
 Acq: 20 Aug 2020 03:40

Tgt Ion: 114 Resp: 277410
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 16.0 0.0 30.0

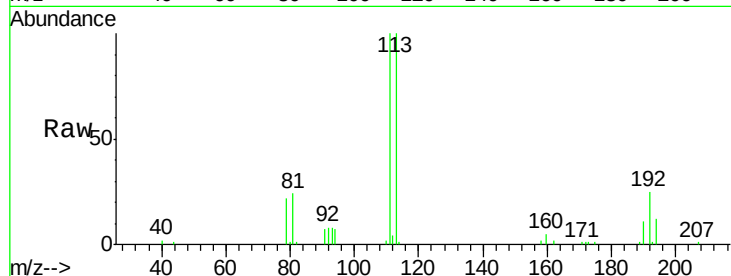




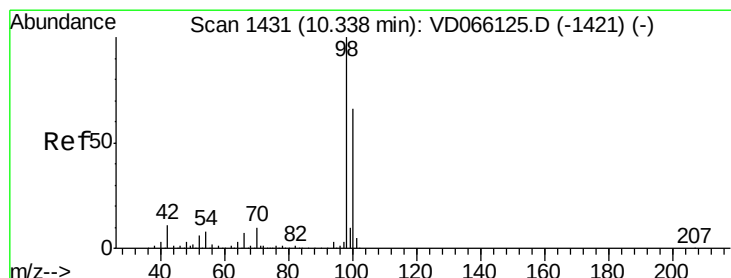
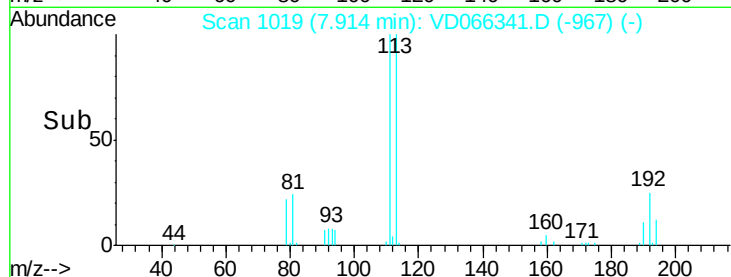
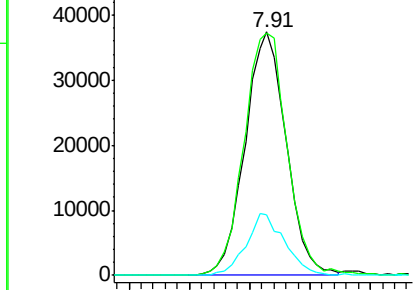
#35
 Dibromofluoromethane
 Concen: 50.610 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066341.D
 Acq: 20 Aug 2020 03:40

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Tgt Ion:113 Resp: 88940
 Ion Ratio Lower Upper
 113 100
 111 104.7 80.7 121.1
 192 23.5 18.4 27.6

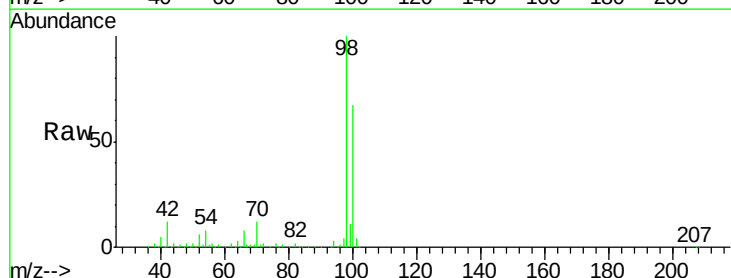


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

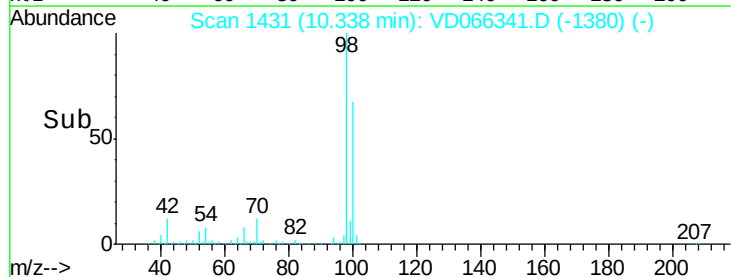
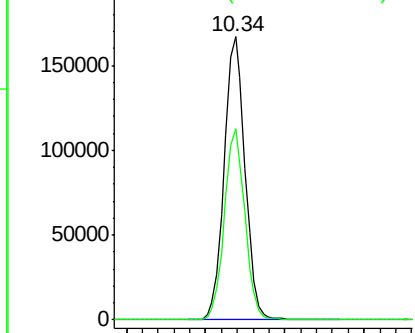


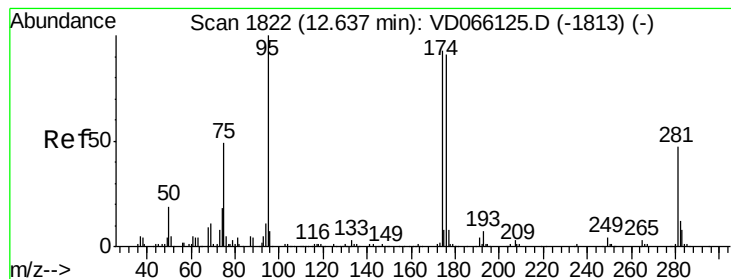
#50
 Toluene-d8
 Concen: 46.889 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066341.D
 Acq: 20 Aug 2020 03:40

Tgt Ion: 98 Resp: 304079
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 42.535 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066341.D

Acq: 20 Aug 2020 03:40

Instrument :

MSVOA_D

ClientSampleId :

TP-3

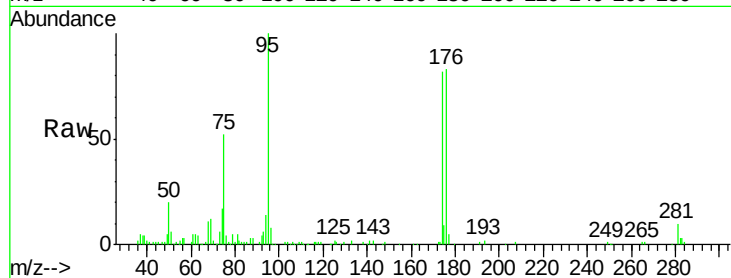
Tgt Ion: 95 Resp: 99432

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.8

176 87.1 0.0 181.2

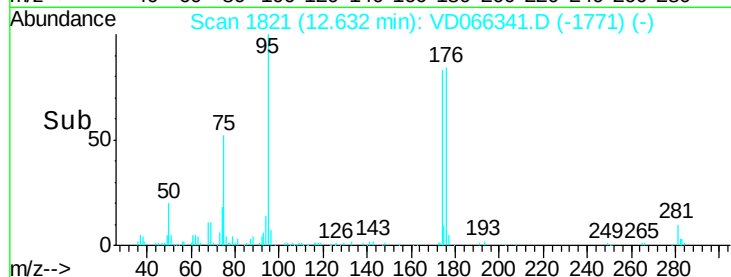


Abundance Ion 94.90 (94.60 to 95.60): VD066341.D (-1771) (-)

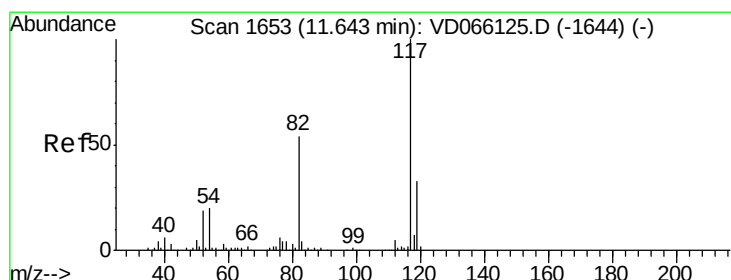
Ion 173.80 (173.50 to 174.50): VD066341.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066341.D (-1771) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066341.D

Acq: 20 Aug 2020 03:40

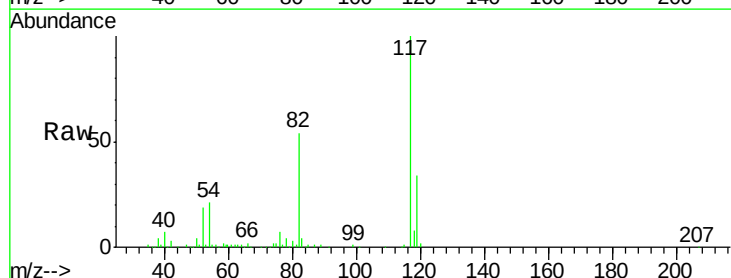
Tgt Ion: 117 Resp: 235250

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 34.3 26.1 39.1

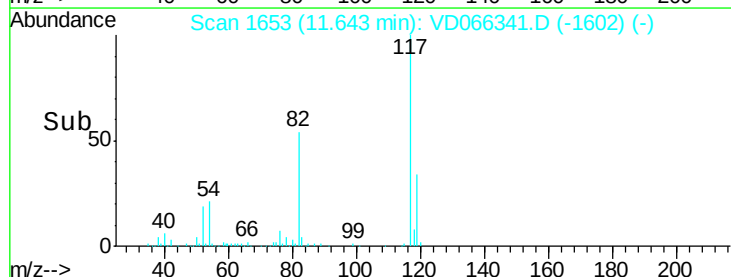


Abundance Ion 116.90 (116.60 to 117.60): VD066341.D (-1602) (-)

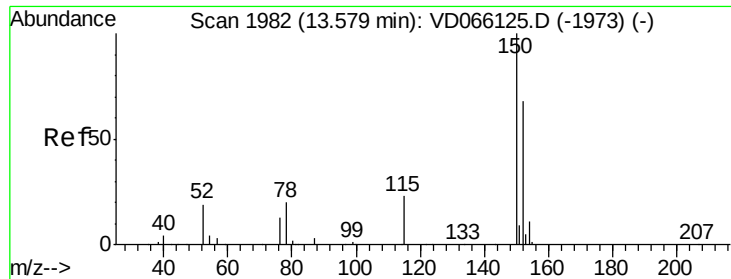
Ion 82.00 (81.70 to 82.70): VD066341.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066341.D (-1602) (-)

Time-->



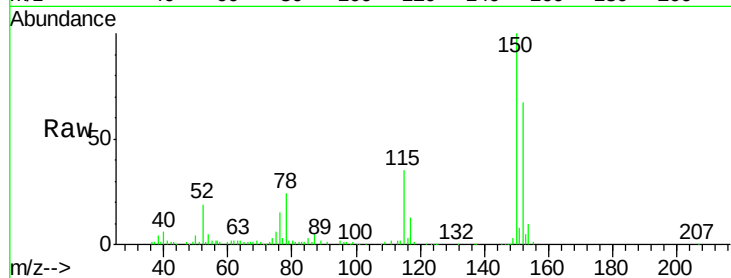
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066341.D
 Acq: 20 Aug 2020 03:40

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.0	83.9
150	149.8	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

