

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066219.D
 Acq On : 13 Aug 2020 19:19
 Operator : VA/SY
 Sample : L3624-12
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-3

Quant Time: Aug 14 05:08:17 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

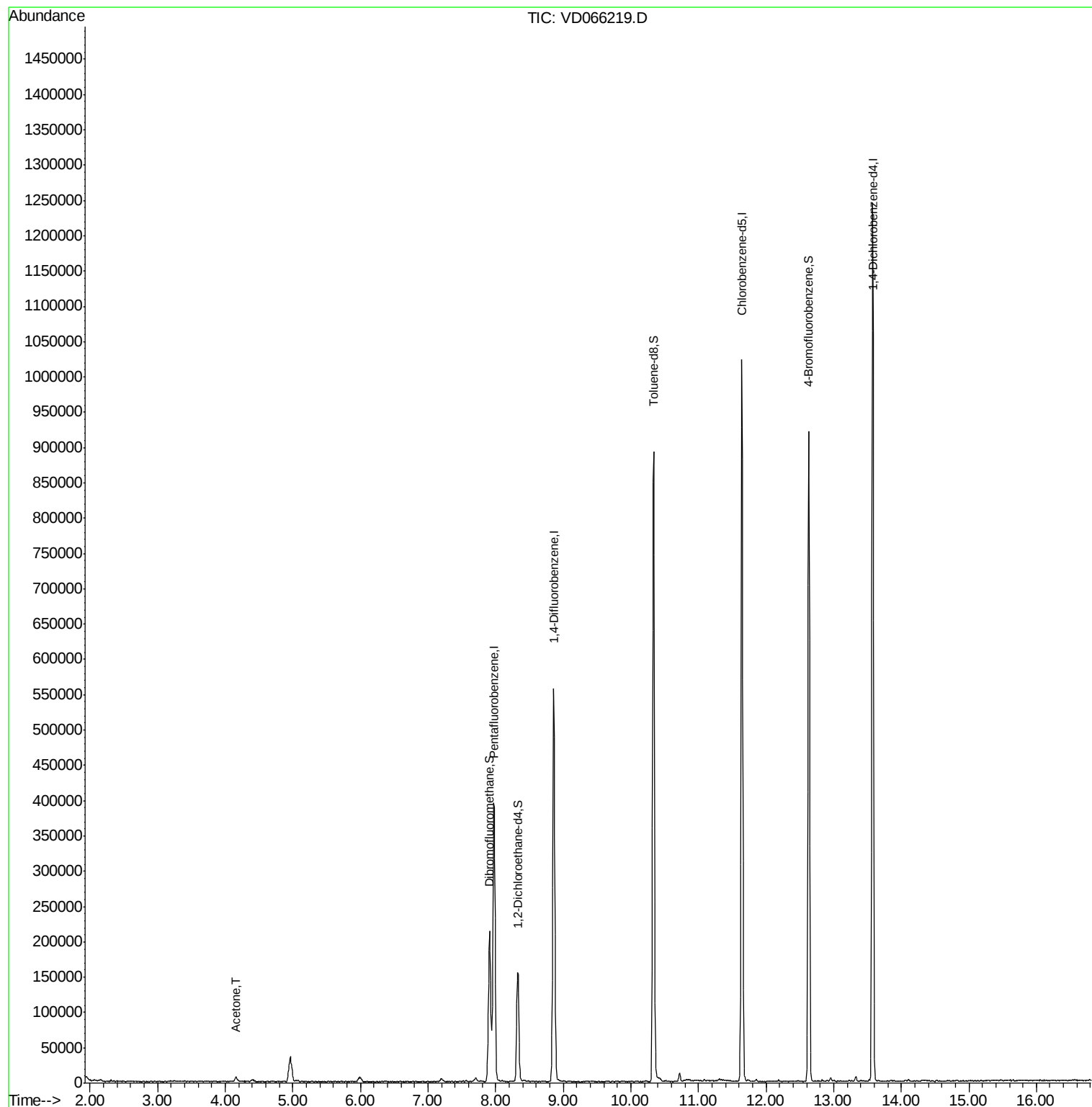
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	312819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	500657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	596945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	132438	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	7.91	113	151111	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.34	98	611268	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.63	95	293446	69.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.12%	
Target Compounds						
16) Acetone	4.16	43	10940	20.660	ug/l #	Qvalue 88

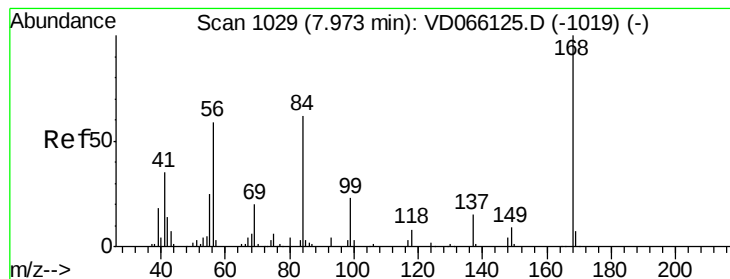
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066219.D

Acq: 13 Aug 2020 19:19

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ClientSampleId :

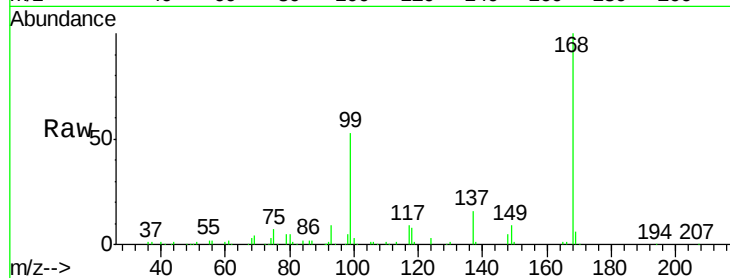
SS-TP-3

Tot Ion:168 Resp: 312819

Ion Ratio Lower Upper

168 100

99 53.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

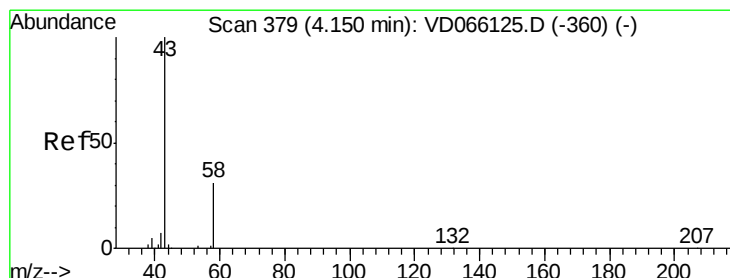
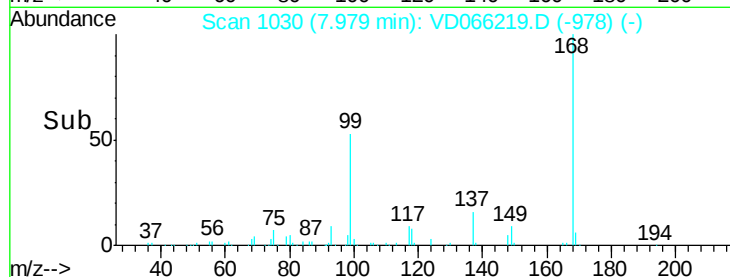
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 20.660 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066219.D

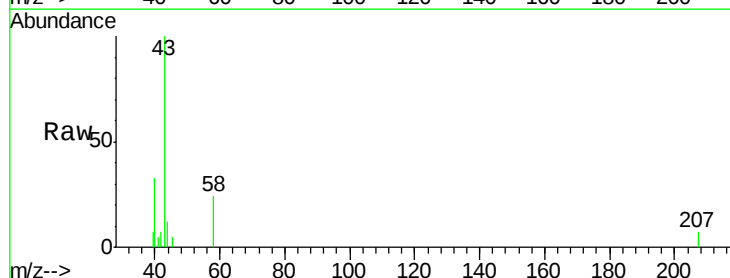
Acq: 13 Aug 2020 19:19

Tgt Ion: 43 Resp: 10940

Ion Ratio Lower Upper

43 100

58 24.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

4000

3000

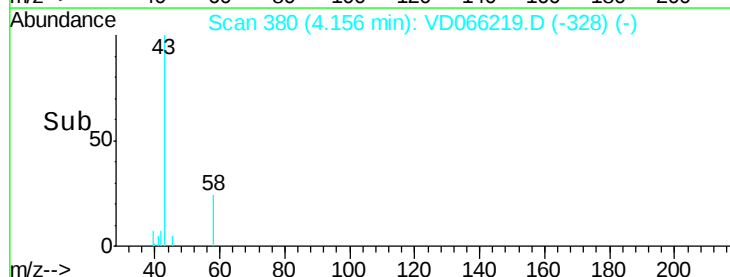
2000

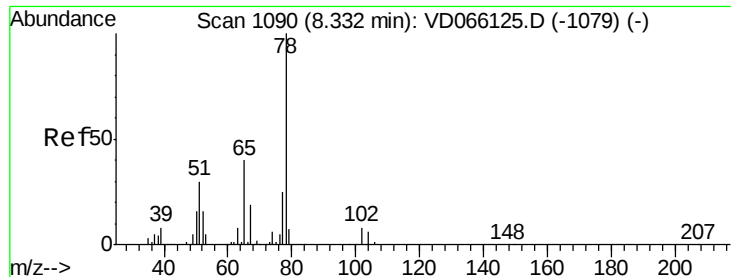
1000

0

4.05 4.10 4.15 4.20 4.25

Time-->

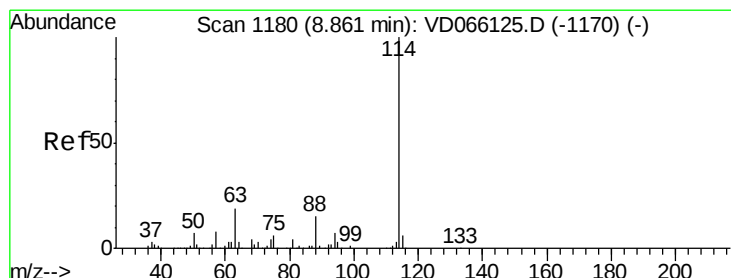
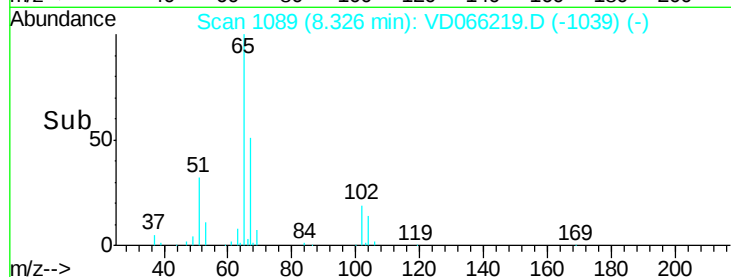
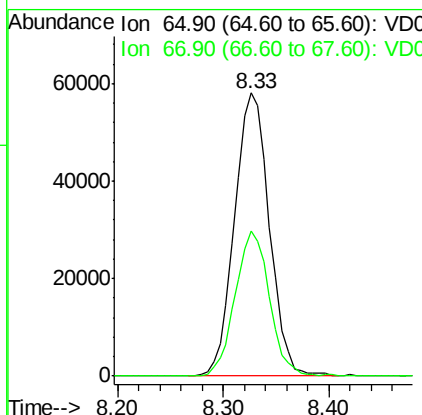
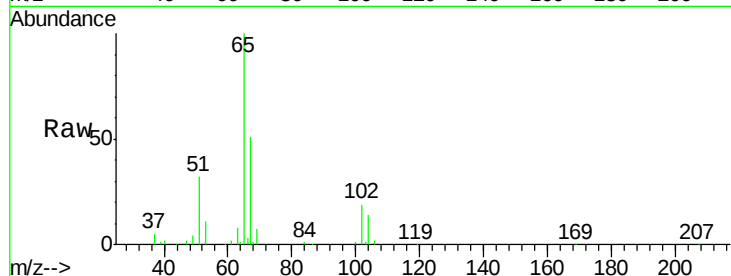




#33
 1,2-Dichloroethane-d4
 Concen: 47.455 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

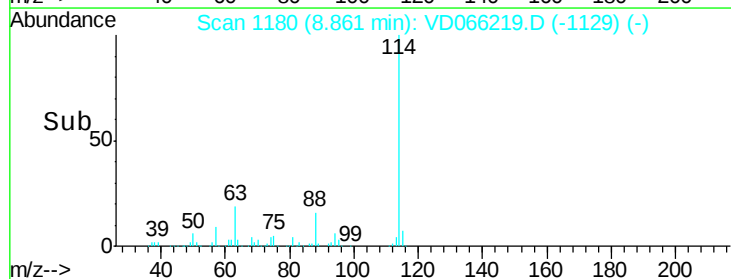
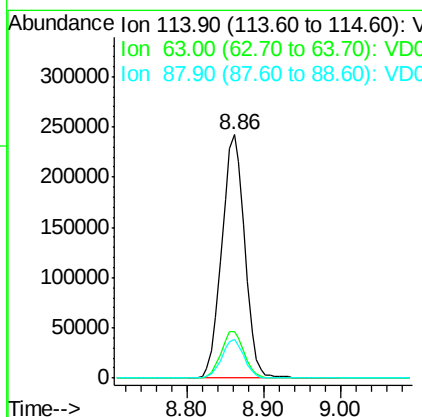
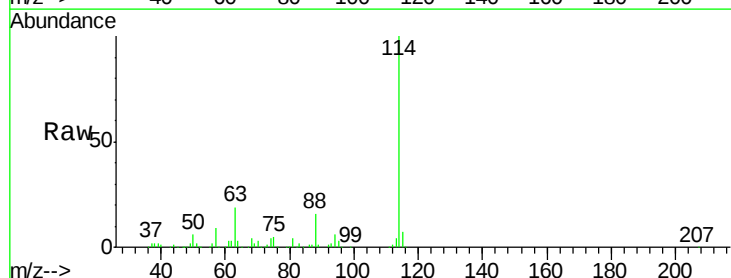
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-3

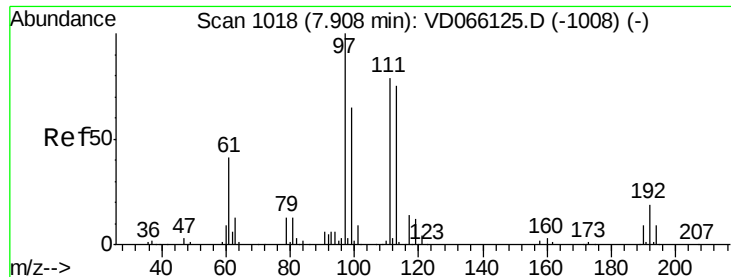
Tot Ion: 65 Resp: 132438
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

Tgt Ion: 114 Resp: 500657
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.7 0.0 30.0

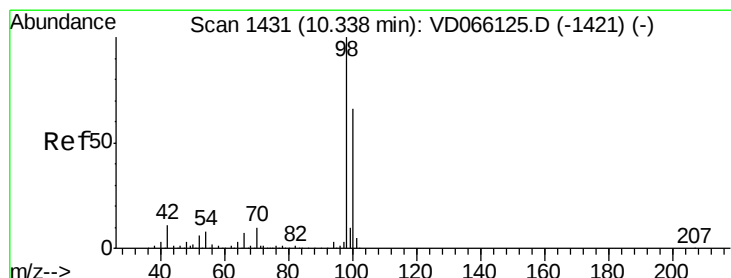
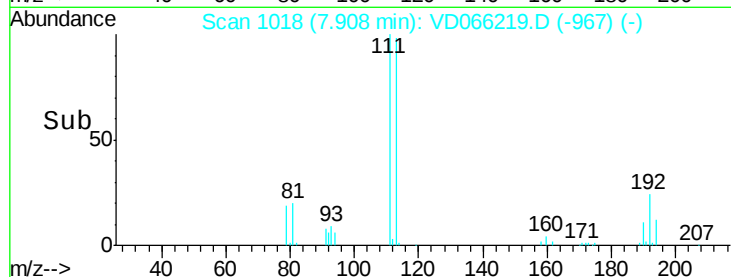
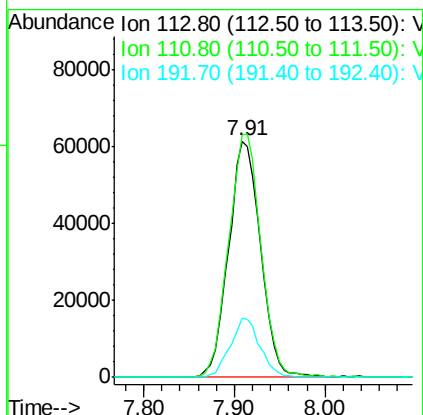
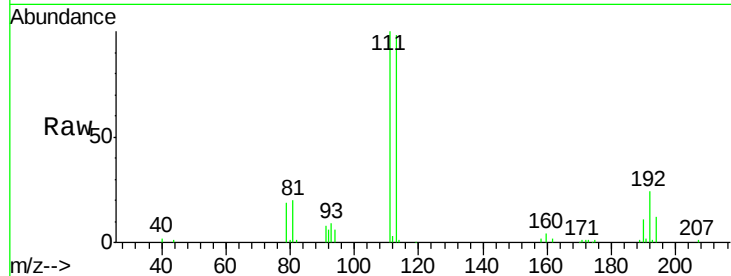




#35
 Dibromofluoromethane
 Concen: 47.645 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

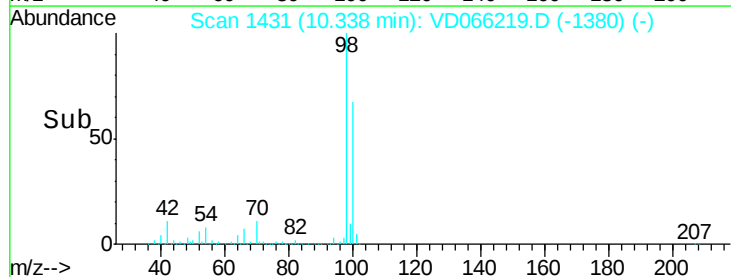
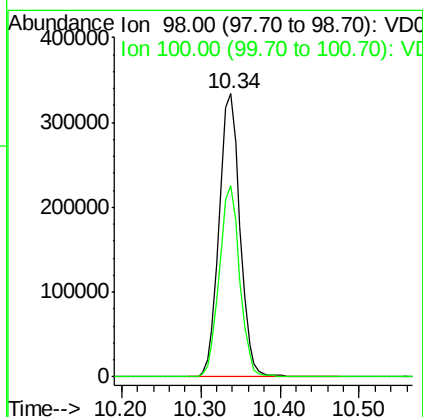
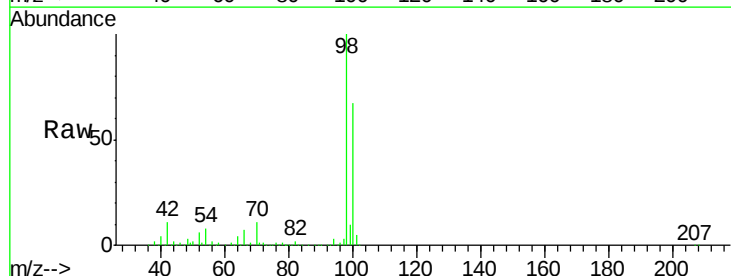
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-3

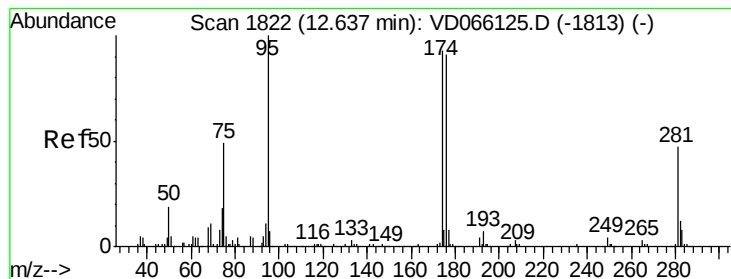
Tot Ion:113 Resp: 151111
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.7 121.1
 192 23.2 18.4 27.6



#50
 Toluene-d8
 Concen: 52.227 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066219.D
 Acq: 13 Aug 2020 19:19

Tgt Ion: 98 Resp: 611268
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 69.556 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066219.D

Acq: 13 Aug 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

SS-TP-3

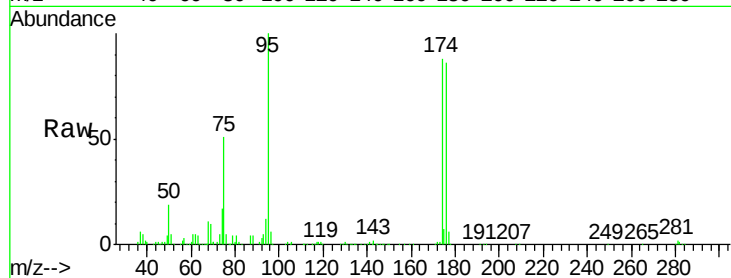
Tot Ion: 95 Resp: 293446

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.8

176 87.4 0.0 181.2



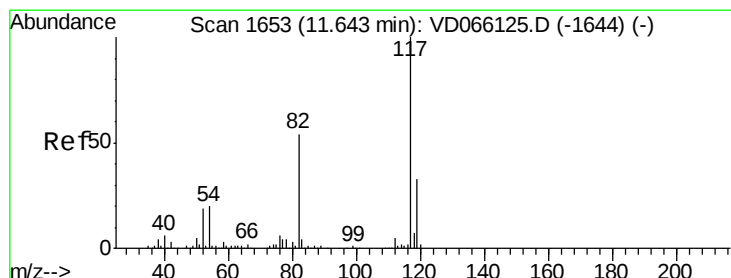
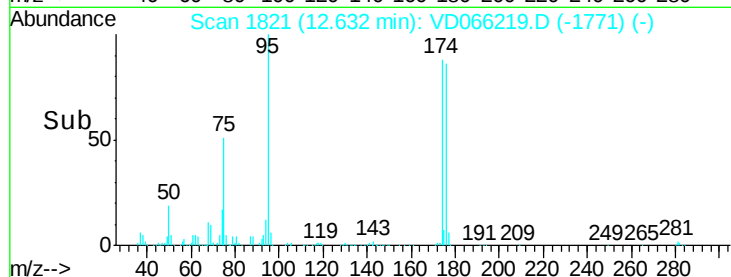
Abundance Ion 94.90 (94.60 to 95.60): VD066219.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066219.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066219.D (-1813) (-)

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: VD066219.D

Acq: 13 Aug 2020 19:19

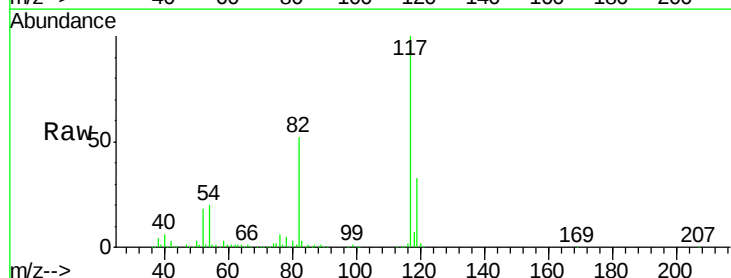
Tgt Ion: 117 Resp: 596945

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

119 33.1 26.1 39.1



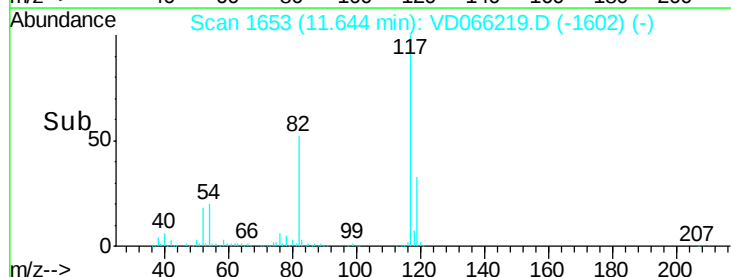
Abundance Ion 116.90 (116.60 to 117.60): VD066219.D (-1644) (-)

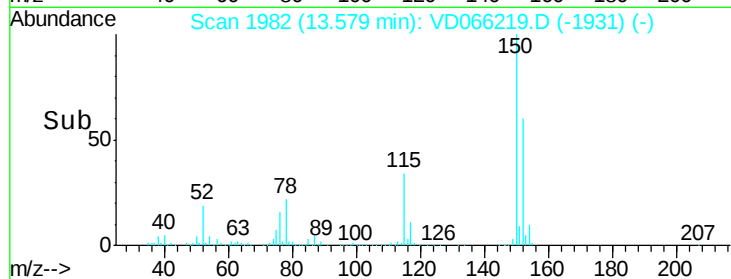
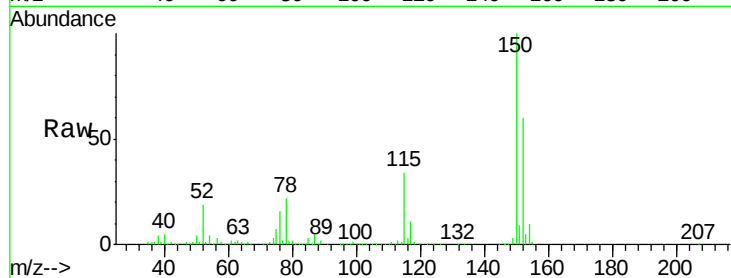
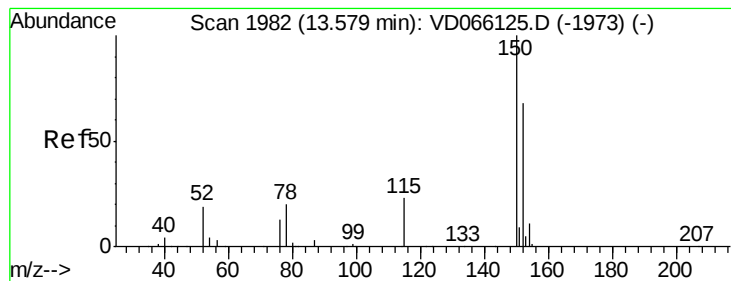
Ion 82.00 (81.70 to 82.70): VD066219.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD066219.D (-1644) (-)

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: VD066219.D

Acq: 13 Aug 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

SS-TP-3

Tot Ion:152 Resp: 335723

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

150 159.2 0.0 346.4

