

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066275.D
 Acq On : 18 Aug 2020 13:59
 Operator : VA/SY
 Sample : L3691-05
 Misc : 7.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S606-M-SO-1-1.5-081320

Quant Time: Aug 18 14:23:52 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

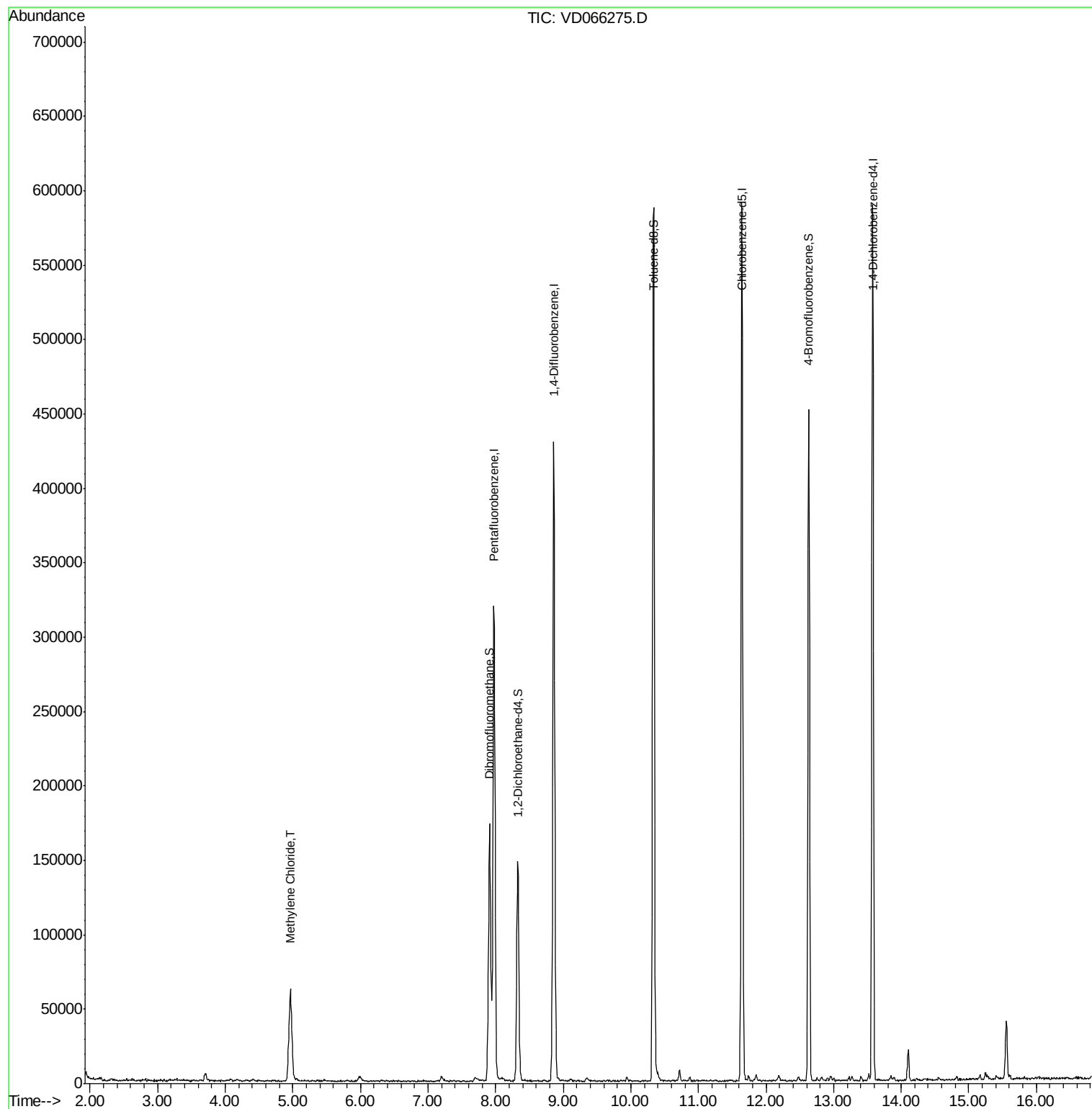
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	242474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	372359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	341663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	160543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	118769	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
35) Dibromofluoromethane	7.91	113	119918	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.34	98	416638	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.63	95	137654	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
Target Compounds						
20) Methylene Chloride	4.96	84	46862	16.781	ug/l	Qvalue 93

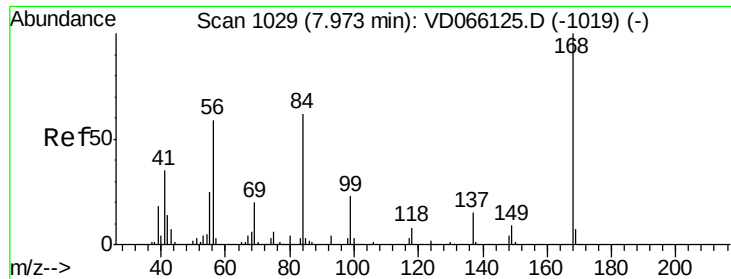
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066275.D

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ClientSampleId :

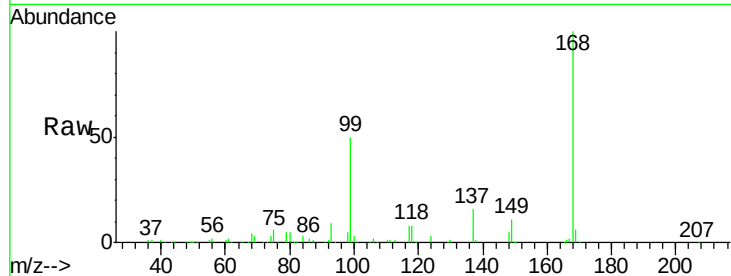
S606-M-SO-1-1.5-081320

Tot Ion:168 Resp: 242474

Ion Ratio Lower Upper

168 100

99 50.1 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

120000

100000

80000

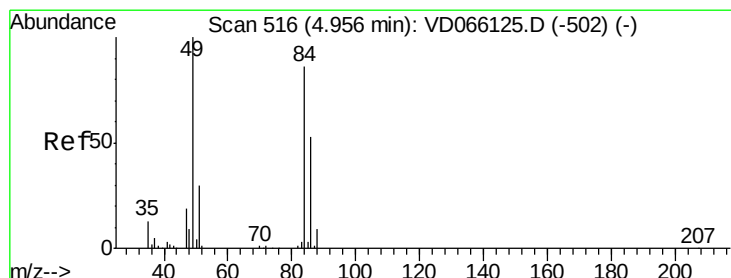
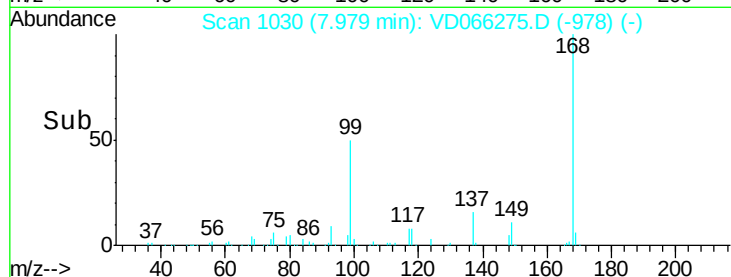
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 16.781 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066275.D

Acq: 18 Aug 2020 13:59

Tgt Ion: 84 Resp: 46862

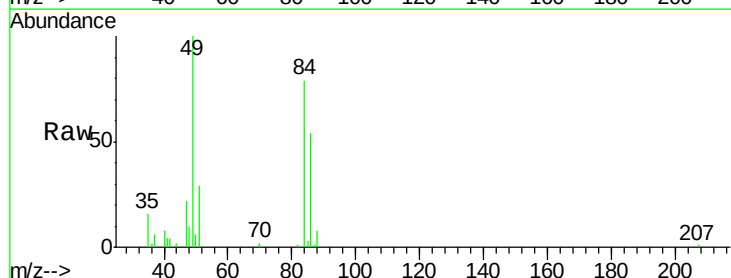
Ion Ratio Lower Upper

84 100

49 126.5 93.5 140.3

51 36.3 28.2 42.4

86 68.1 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

25000

20000

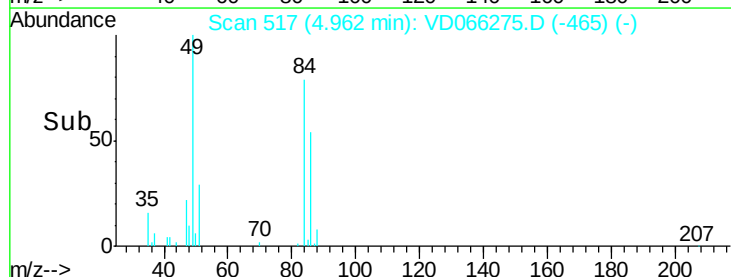
15000

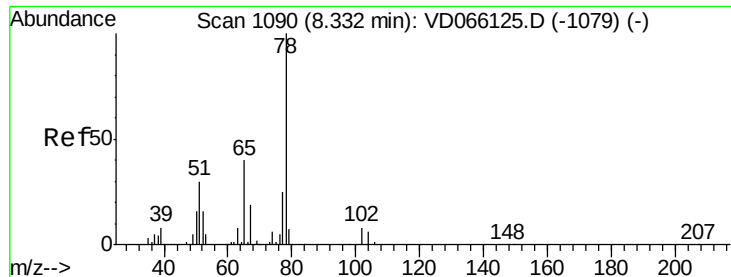
10000

5000

0

Time-->

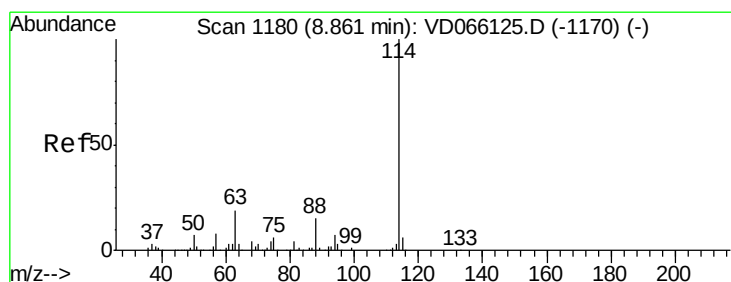
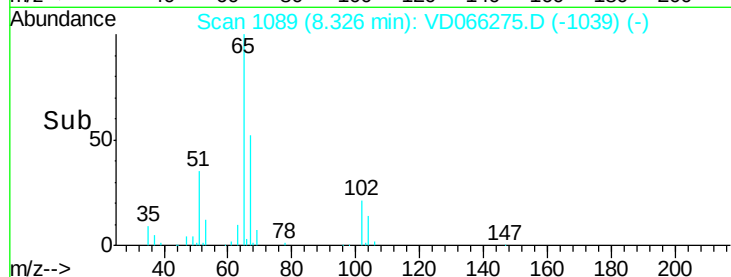
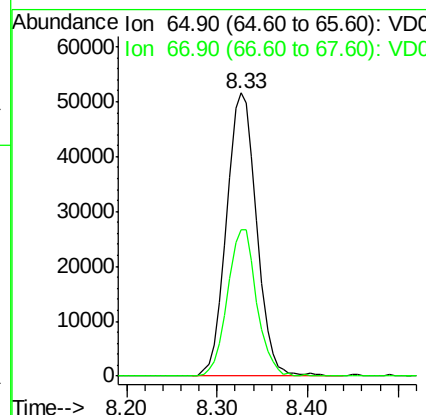
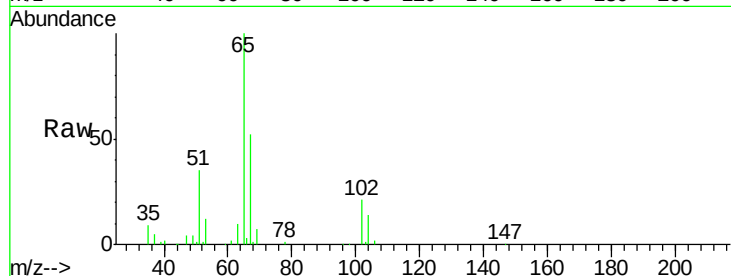




#33
 1,2-Dichloroethane-d4
 Concen: 54.903 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066275.D
 Acq: 18 Aug 2020 13:59

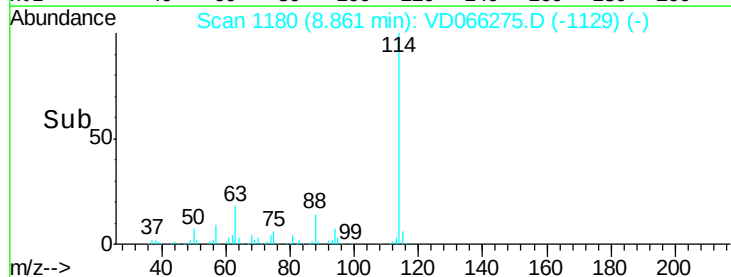
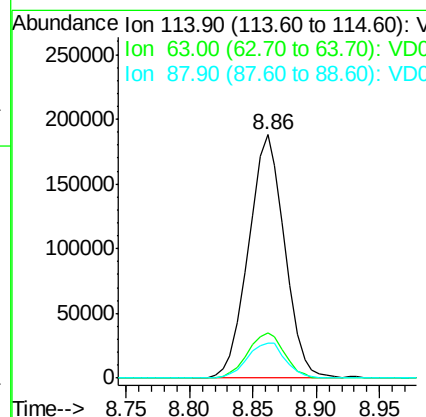
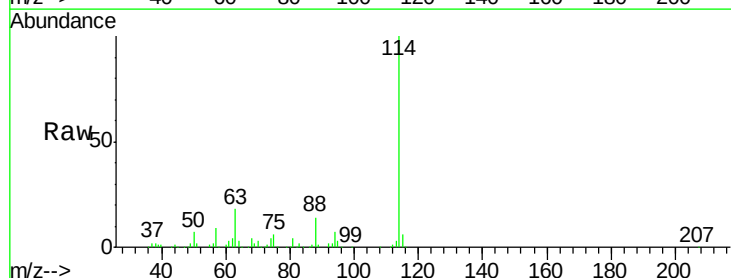
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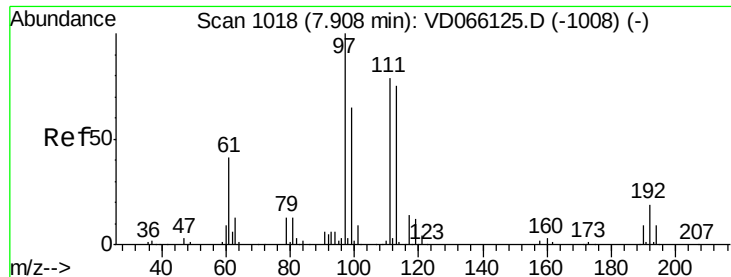
Tot Ion: 65 Resp: 118769
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066275.D
 Acq: 18 Aug 2020 13:59

Tgt Ion: 114 Resp: 372359
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.6
 88 14.5 0.0 30.0

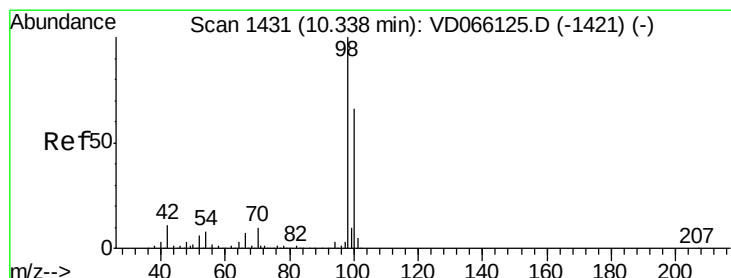
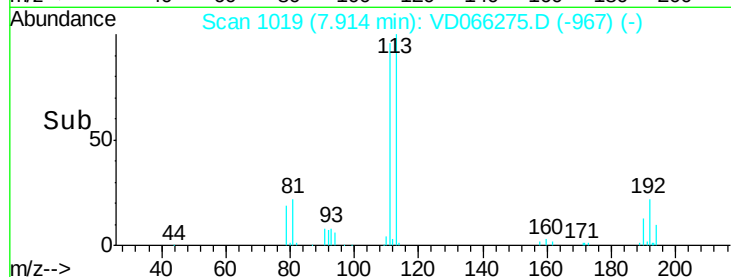
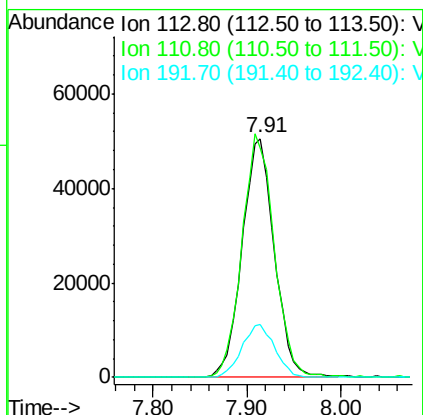
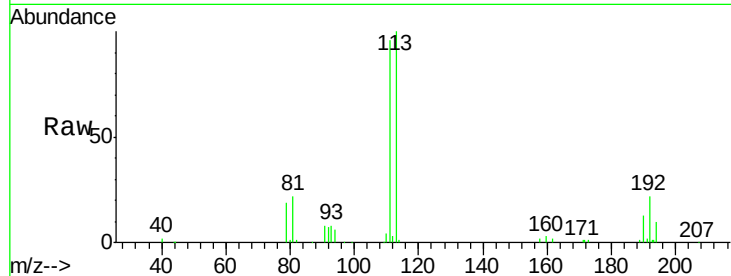




#35
 Dibromofluoromethane
 Concen: 50.837 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066275.D
 Acq: 18 Aug 2020 13:59

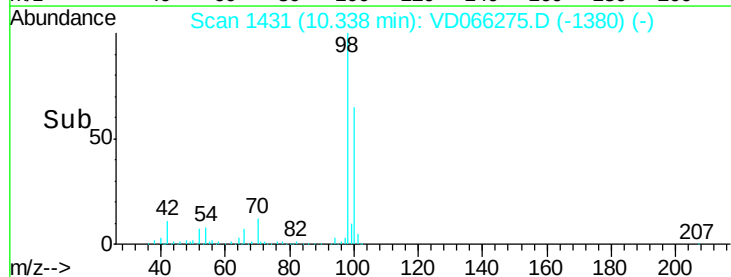
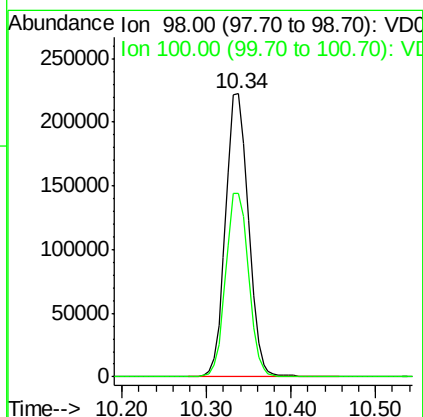
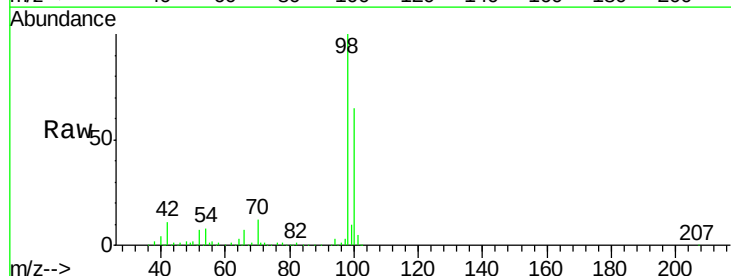
Instrument :
 MSVOA_D
 ClientSampleId :
 S606-M-SO-1-1.5-081320

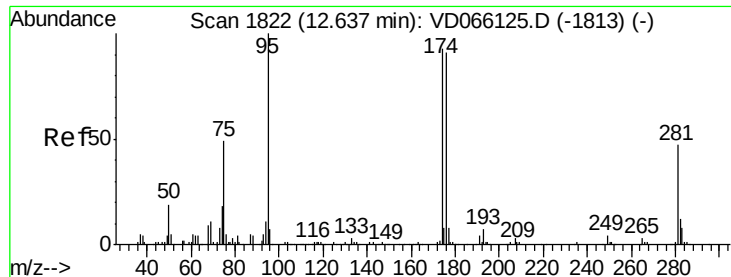
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	22.5	18.4	27.6



#50
 Toluene-d8
 Concen: 47.863 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066275.D
 Acq: 18 Aug 2020 13:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 43.871 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066275.D

Acq: 18 Aug 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

S606-M-SO-1-1.5-081320

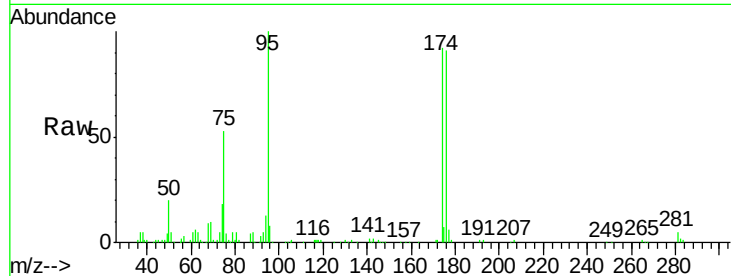
Tot Ion: 95 Resp: 137654

Ion Ratio Lower Upper

95 100

174 93.5 0.0 180.8

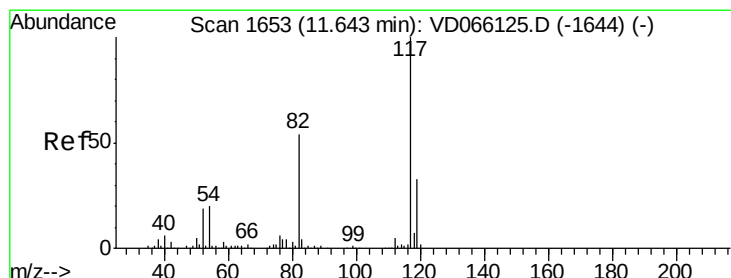
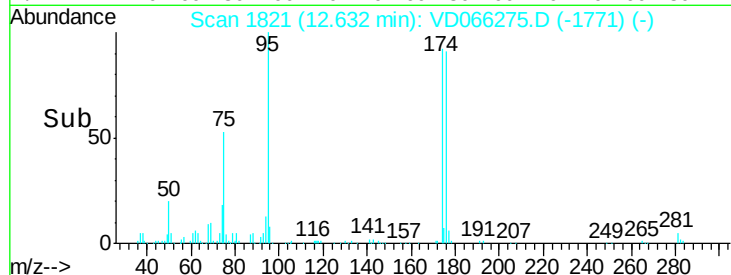
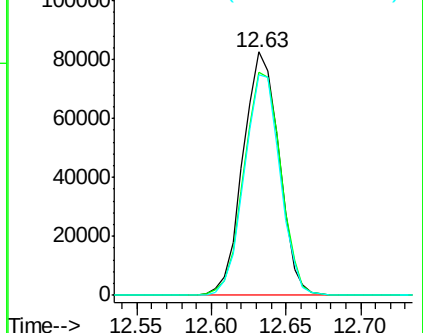
176 89.8 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066275.D

Acq: 18 Aug 2020 13:59

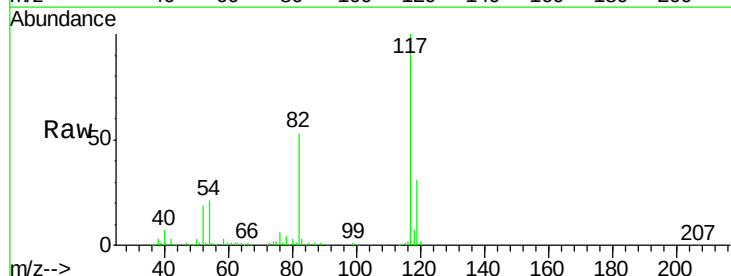
Tgt Ion: 117 Resp: 341663

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

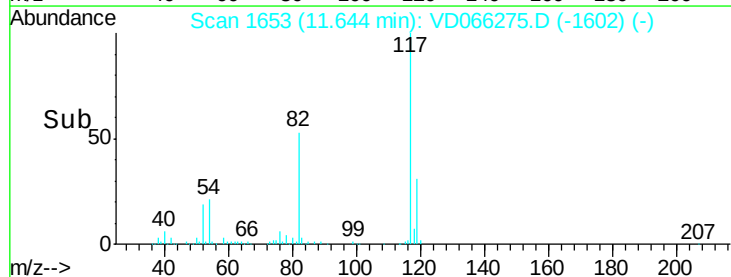
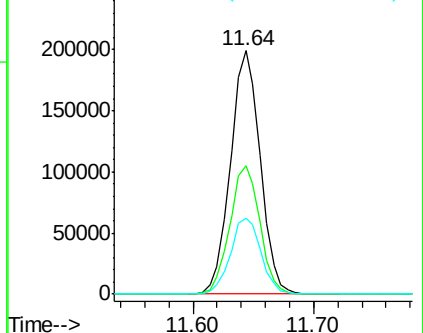
119 31.4 26.1 39.1

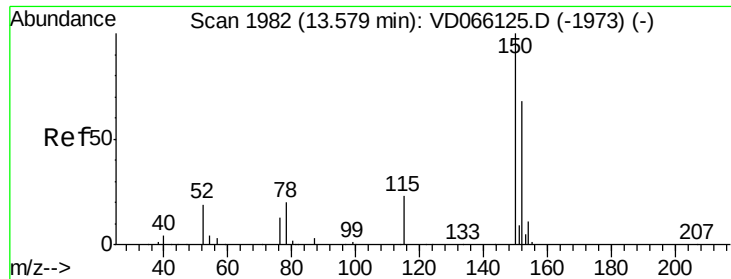


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066275.D

Acq: 18 Aug 2020 13:59

Instrument :

MSVOA_D

ClientSampleId :

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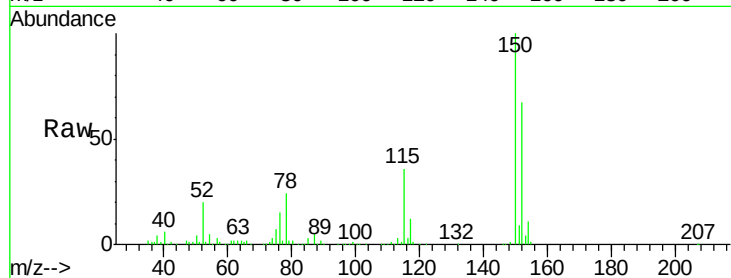
Tot Ion:152 Resp: 160543

Ion Ratio Lower Upper

152 100

115 55.2 28.0 83.9

150 155.2 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

