

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066261.D
 Acq On : 17 Aug 2020 16:46
 Operator : VA/SY
 Sample : L3691-05
 Misc : 8.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 18 08:18:47 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

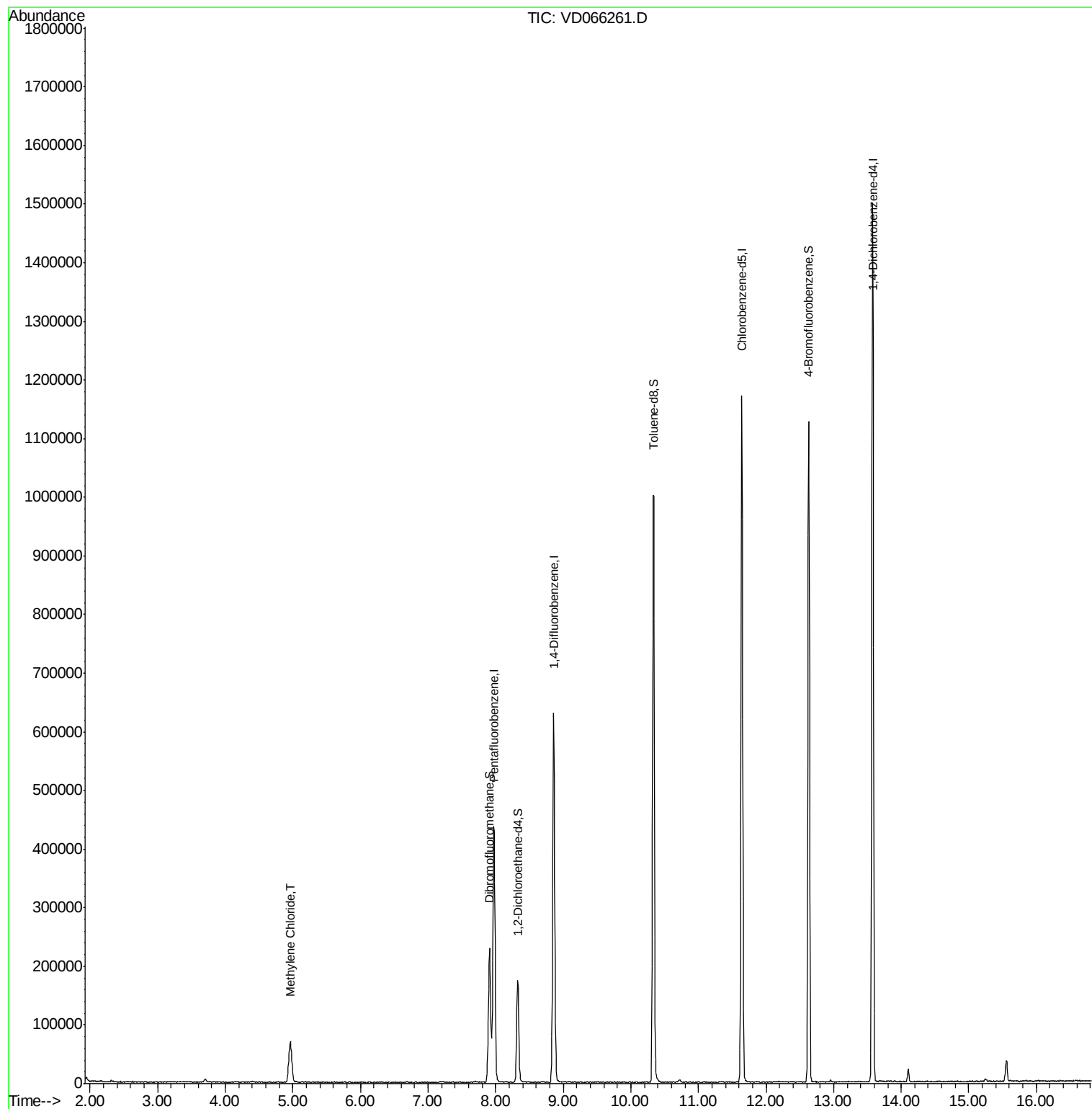
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	348696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	559647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	707804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	418203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	138922	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
35) Dibromofluoromethane	7.91	113	163169	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
50) Toluene-d8	10.33	98	695370	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.63	95	358580	76.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.08%	
Target Compounds						
20) Methylene Chloride	4.96	84	54571	12.610	ug/l	Qvalue 92

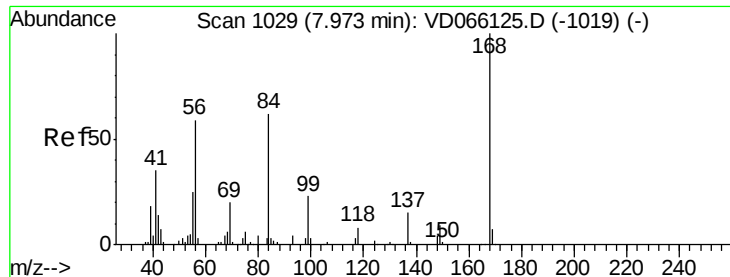
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066261.D

Acq: 17 Aug 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

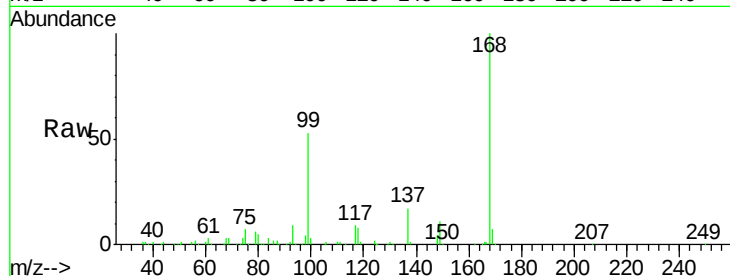
S606-M-SO-1-1.5-081320

Tot Ion:168 Resp: 348696

Ion Ratio Lower Upper

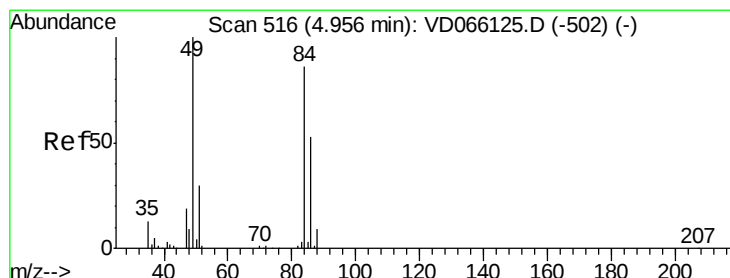
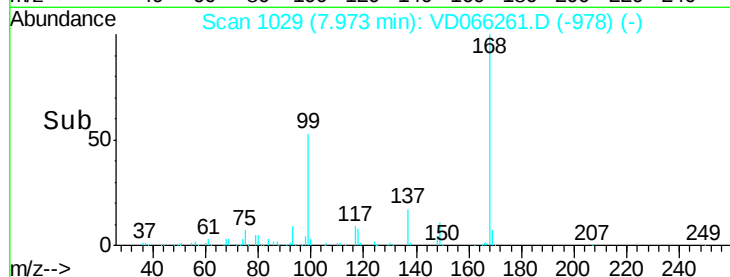
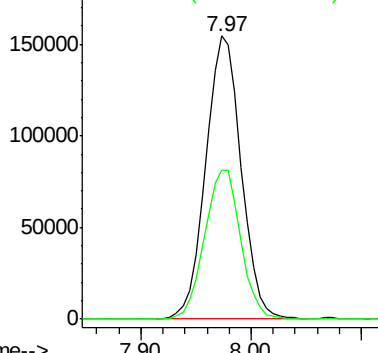
168 100

99 52.7 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: 12.610 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066261.D

Acq: 17 Aug 2020 16:46

Tgt Ion: 84 Resp: 54571

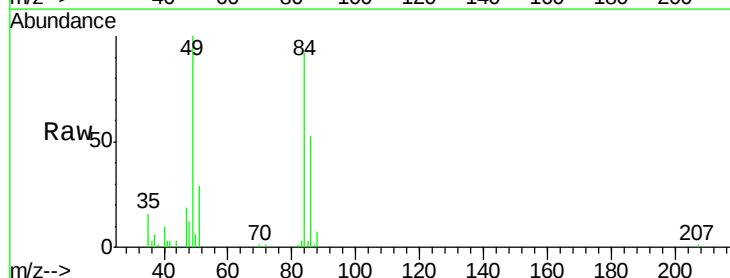
Ion Ratio Lower Upper

84 100

49 107.0 93.5 140.3

51 31.1 28.2 42.4

86 57.6 49.5 74.3

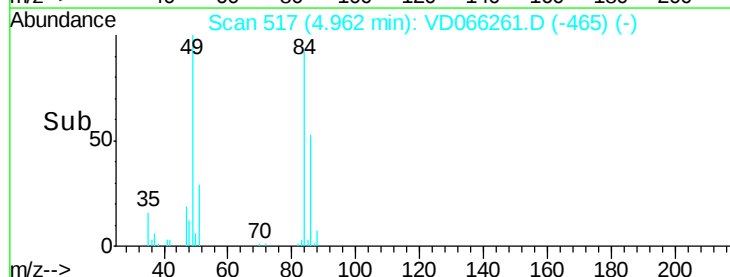
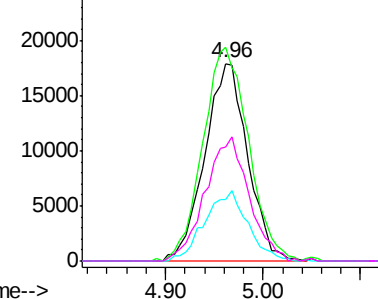


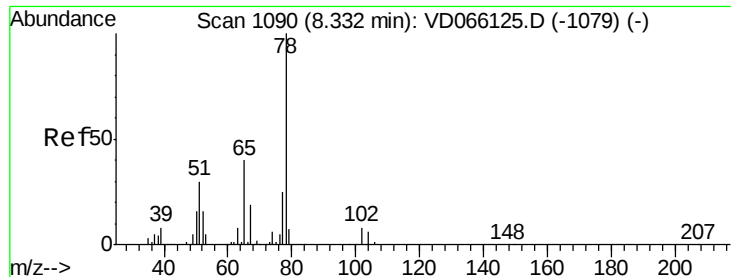
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

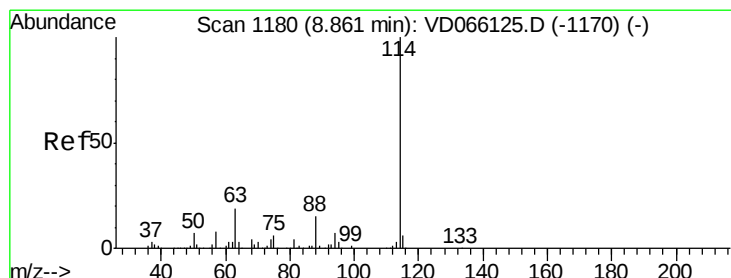
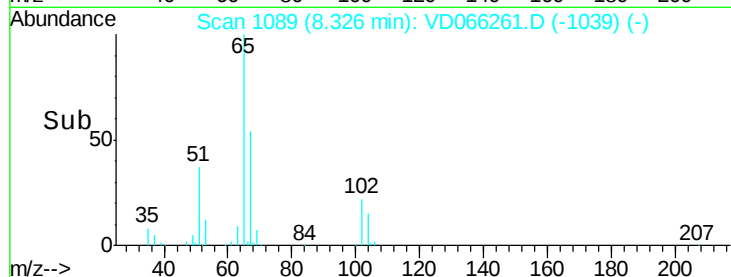
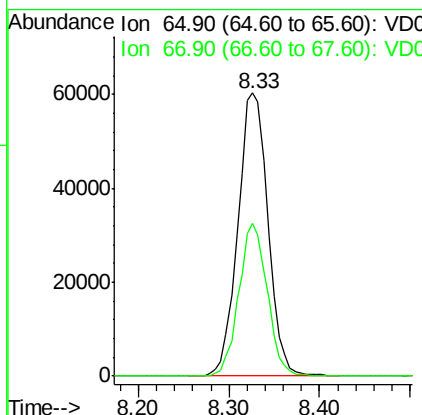
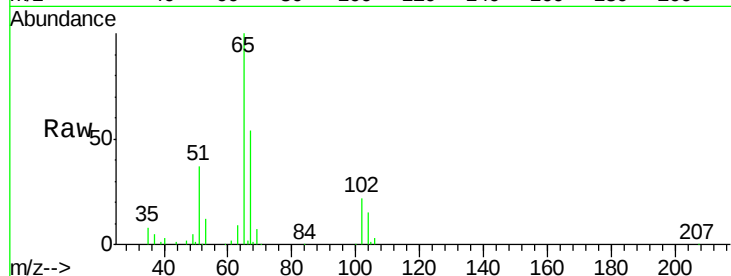




#33
 1,2-Dichloroethane-d4
 Concen: 44.657 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066261.D
 Acq: 17 Aug 2020 16:46

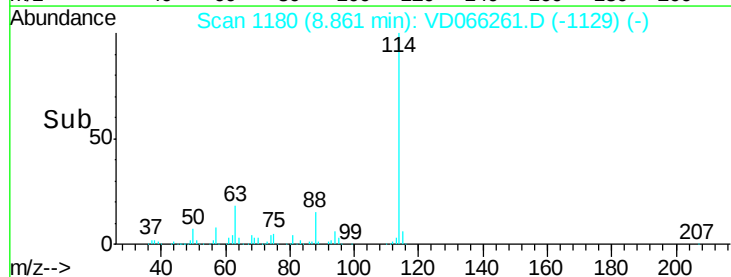
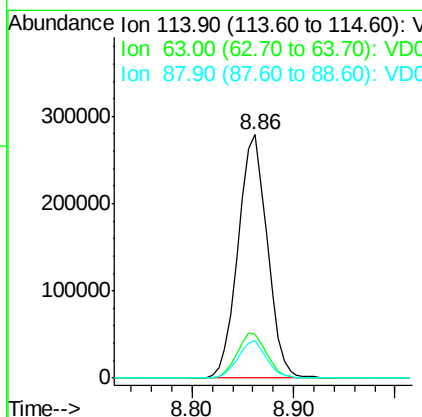
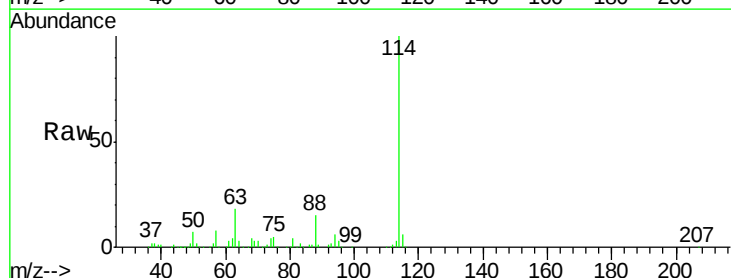
Instrument :
 MSVOA_D
 ClientSampleId :
 S606-M-SO-1-1.5-081320

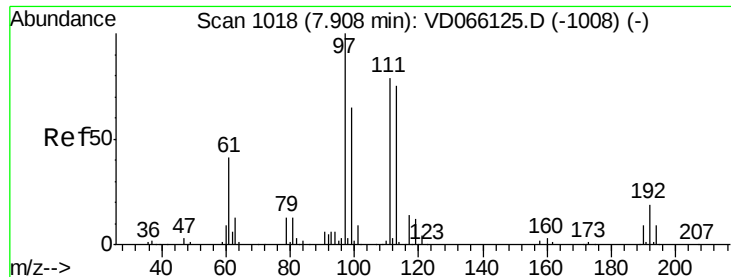
Tot Ion: 65 Resp: 138922
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066261.D
 Acq: 17 Aug 2020 16:46

Tgt Ion:114 Resp: 559647
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.6
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.024 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066261.D

Acq: 17 Aug 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

S606-M-SO-1-1.5-081320

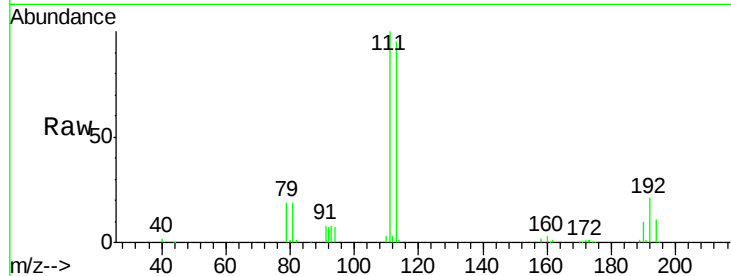
Tot Ion:113 Resp: 163169

Ion Ratio Lower Upper

113 100

111 105.1 80.7 121.1

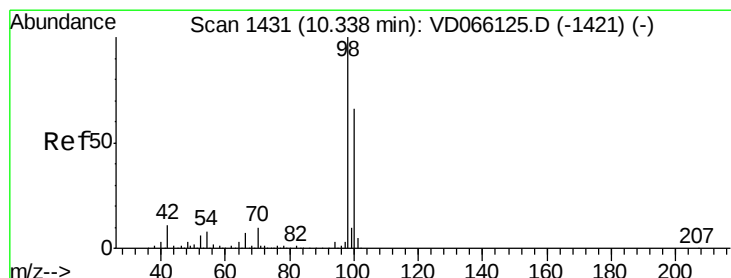
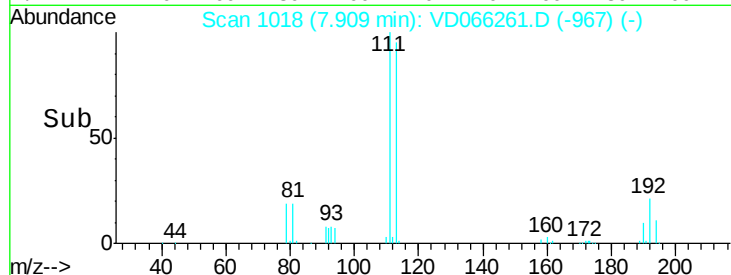
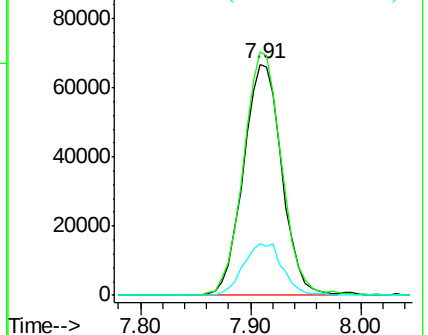
192 22.9 18.4 27.6



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: 53.150 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066261.D

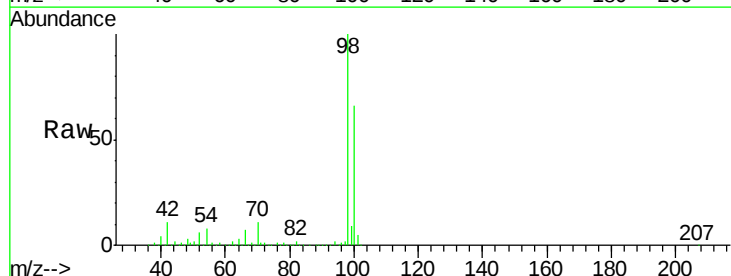
Acq: 17 Aug 2020 16:46

Tgt Ion: 98 Resp: 695370

Ion Ratio Lower Upper

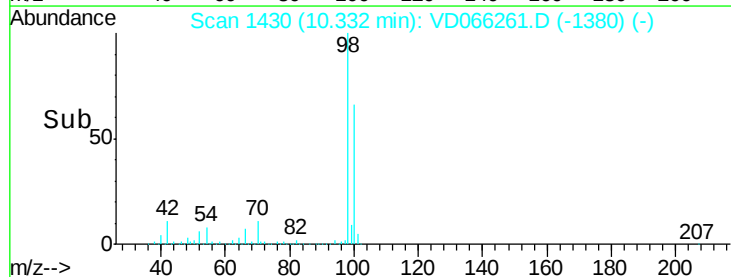
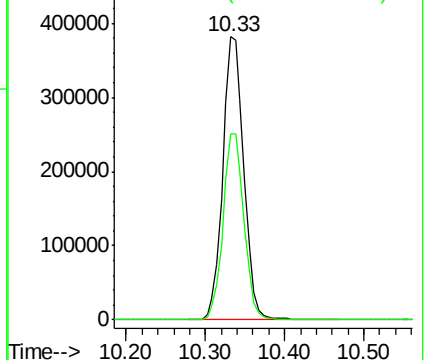
98 100

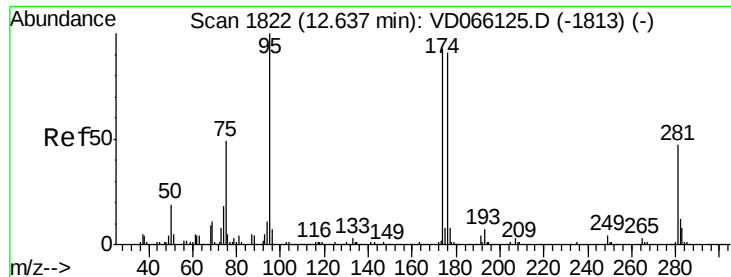
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

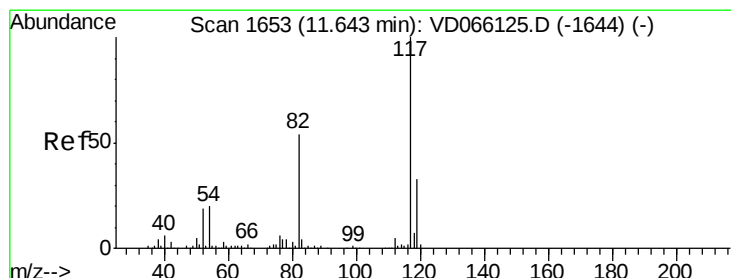
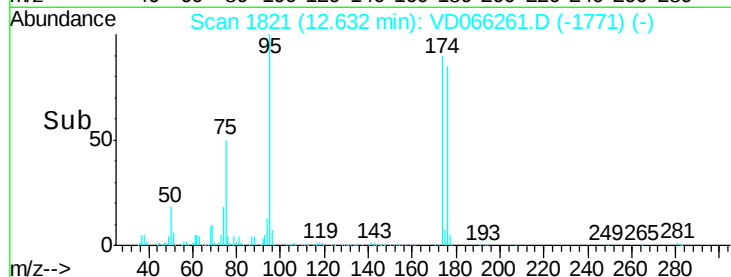
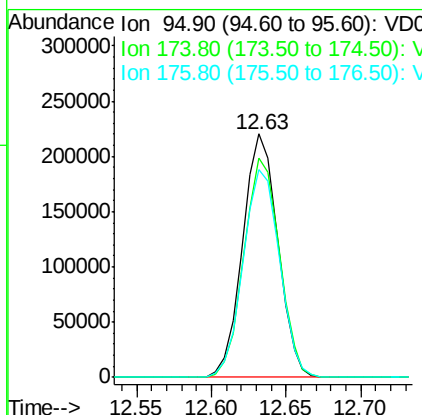
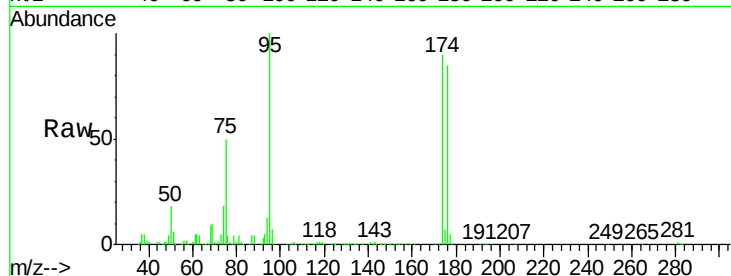




#62
4-Bromofluorobenzene
Concen: 76.036 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066261.D
Acq: 17 Aug 2020 16:46

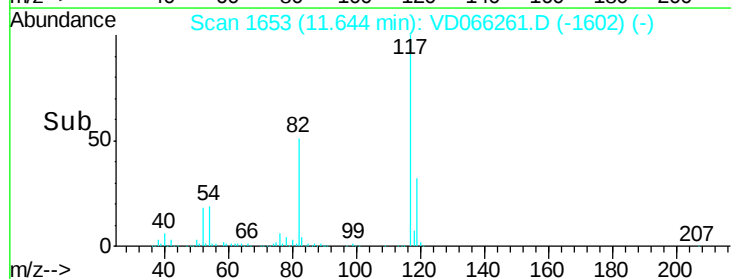
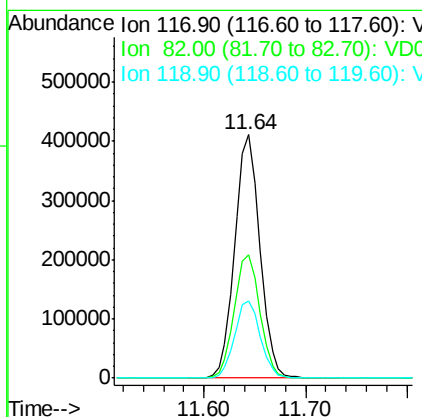
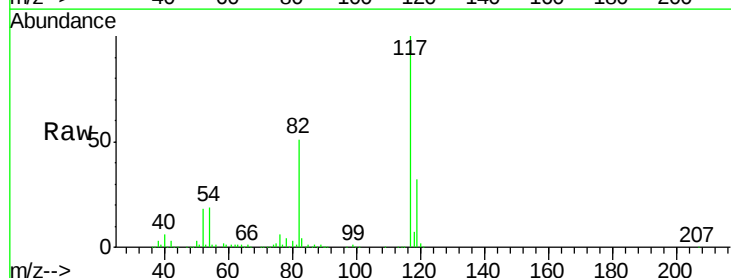
Instrument :
MSVOA_D
ClientSampleId :
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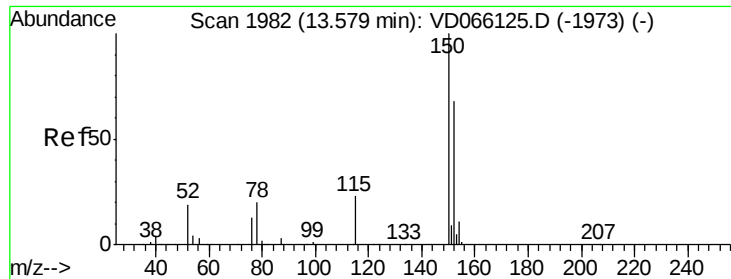
Tot Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	180.8
176	88.3	0.0	181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066261.D
Acq: 17 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.0	64.4
119	31.6	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066261.D

Acq: 17 Aug 2020 16:46

Instrument :

MSVOA_D

ClientSampleId :

S606-M-SO-1-1.5-081320

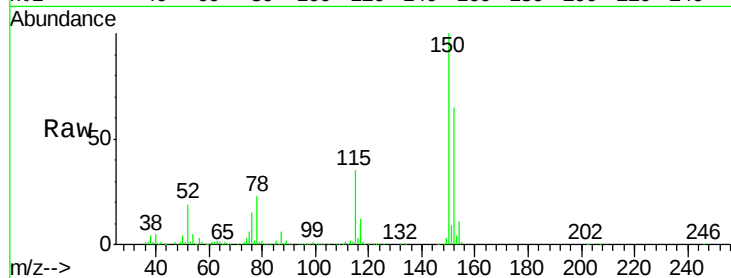
Tot Ion:152 Resp: 418203

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

150 157.8 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

