

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066287.D
 Acq On : 18 Aug 2020 19:25
 Operator : VA/SY
 Sample : L3700-05
 Misc : 8.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S405-K-SO-1-1.5-081420

Quant Time: Aug 19 07:29:22 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	207527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	312074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	253795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	105469	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	
35) Dibromofluoromethane	7.91	113	104934	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	10.34	98	323936	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
62) 4-Bromofluorobenzene	12.63	95	88736	33.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.48%	

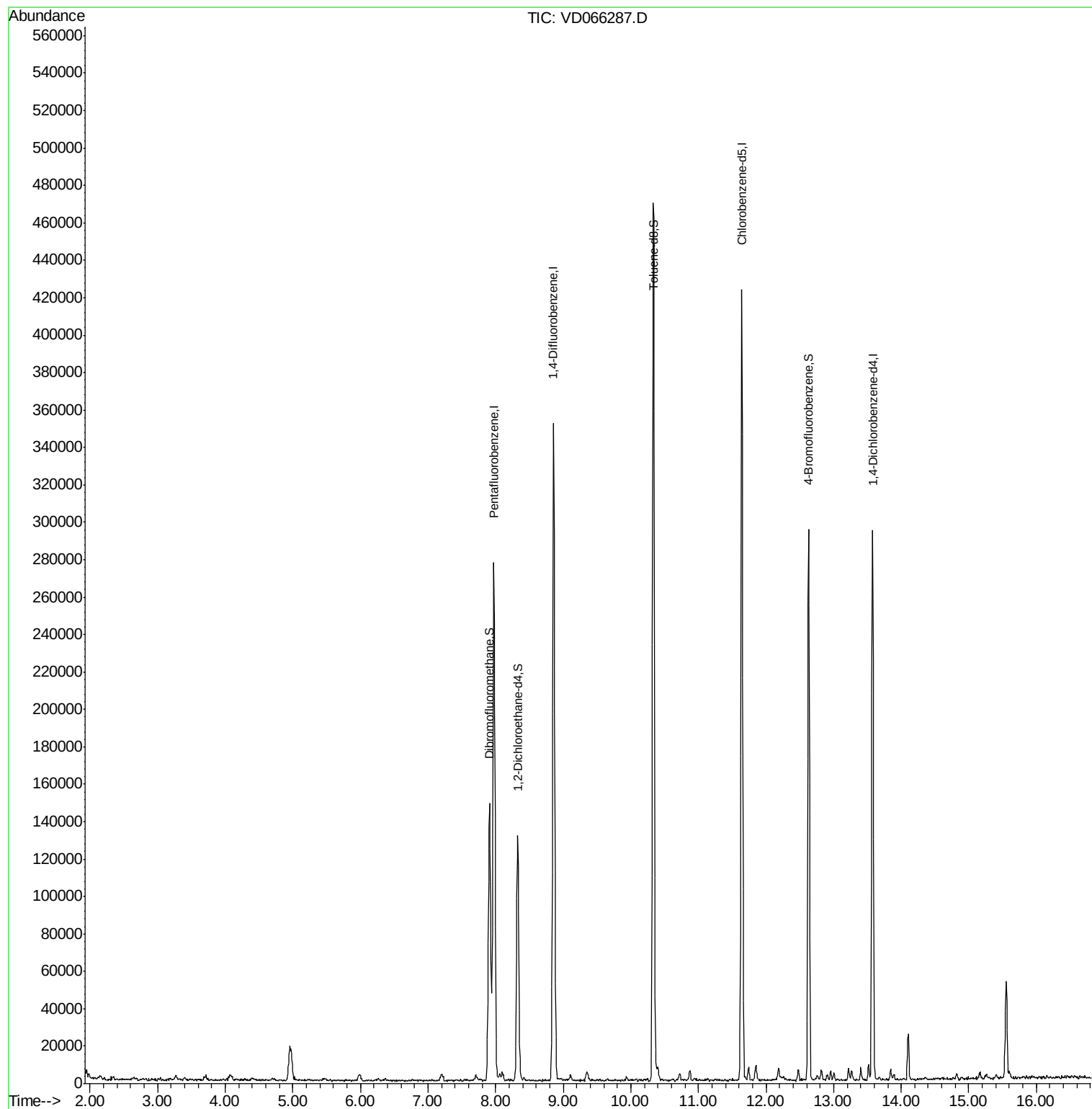
Target Compounds	Qvalue

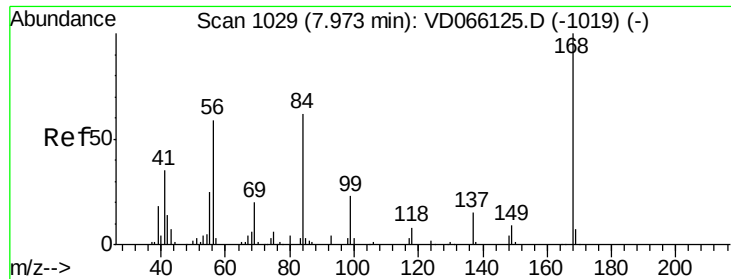
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066287.D

Acq: 18 Aug 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

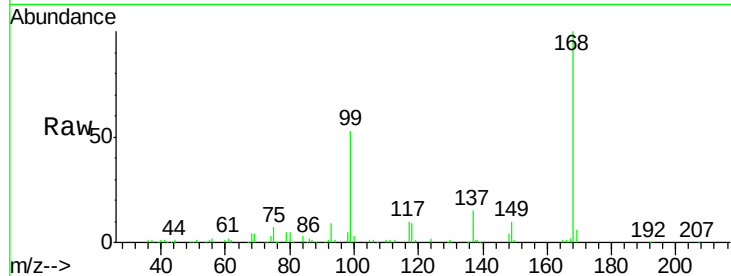
S405-K-SO-1-1.5-081420

Tot Ion:168 Resp: 207527

Ion Ratio Lower Upper

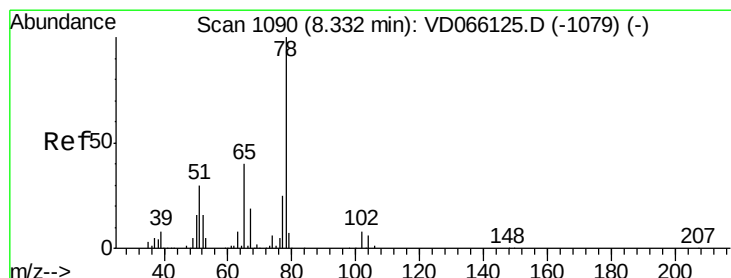
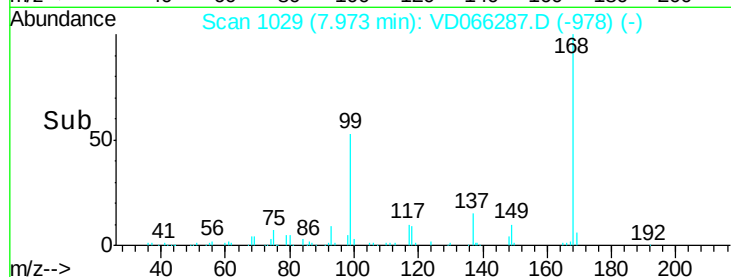
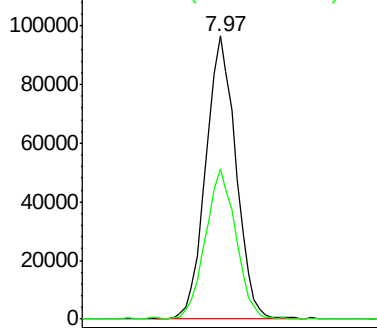
168 100

99 53.1 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 56.965 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066287.D

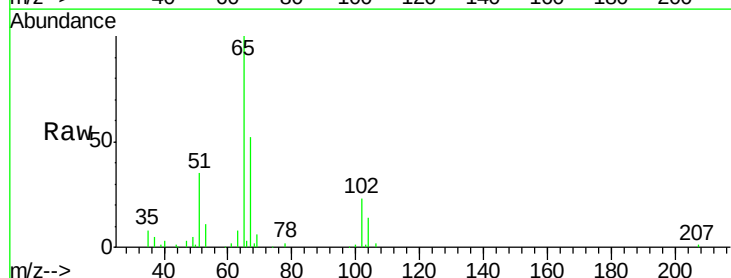
Acq: 18 Aug 2020 19:25

Tgt Ion: 65 Resp: 105469

Ion Ratio Lower Upper

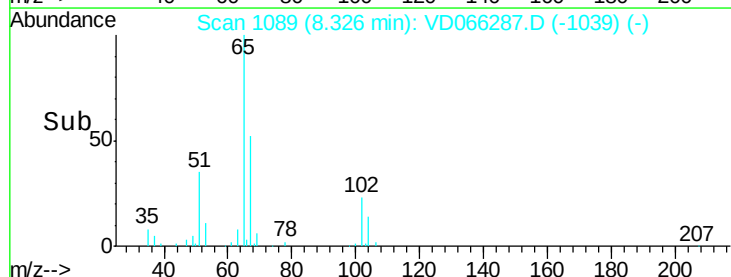
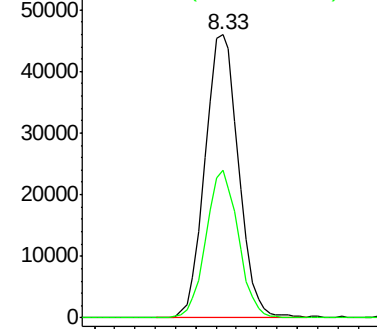
65 100

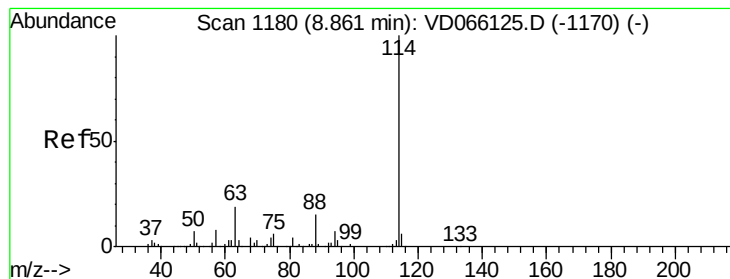
67 50.2 0.0 104.6



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: VD066287.D

Acq: 18 Aug 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

S405-K-SO-1-1.5-081420

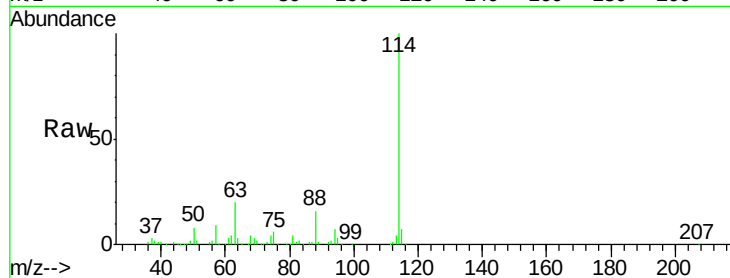
Tot Ion:114 Resp: 312074

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

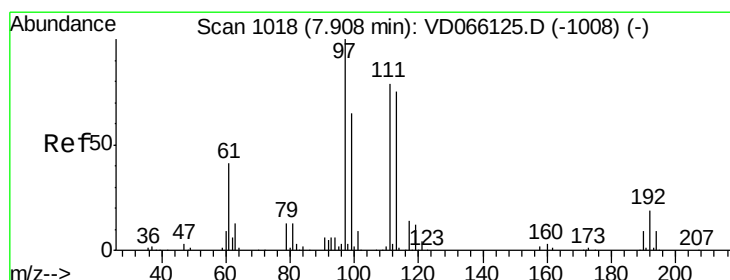
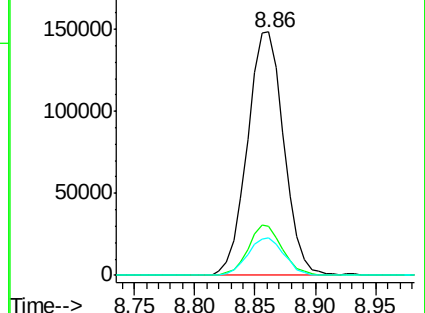
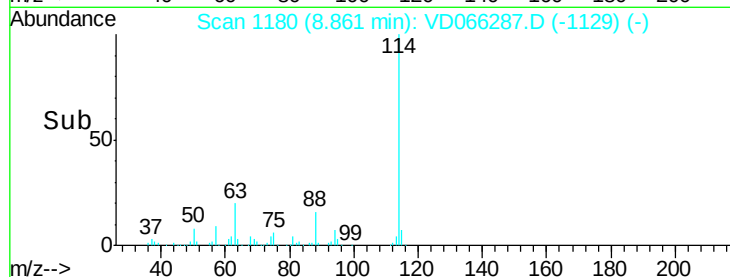
88 15.6 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.079 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066287.D

Acq: 18 Aug 2020 19:25

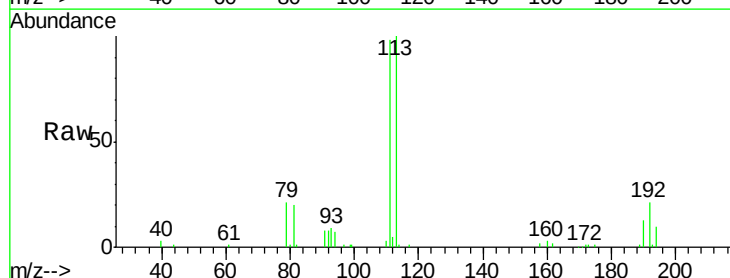
Tgt Ion:113 Resp: 104934

Ion Ratio Lower Upper

113 100

111 101.2 80.7 121.1

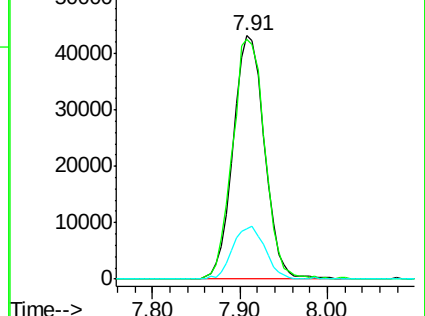
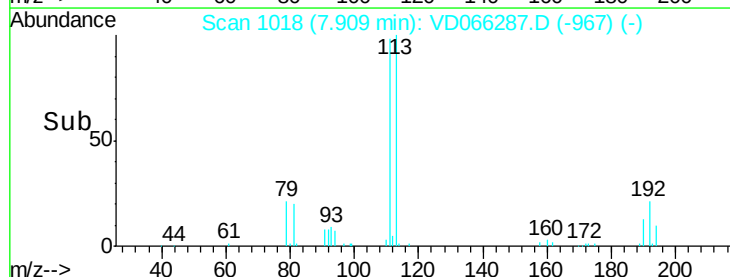
192 22.3 18.4 27.6

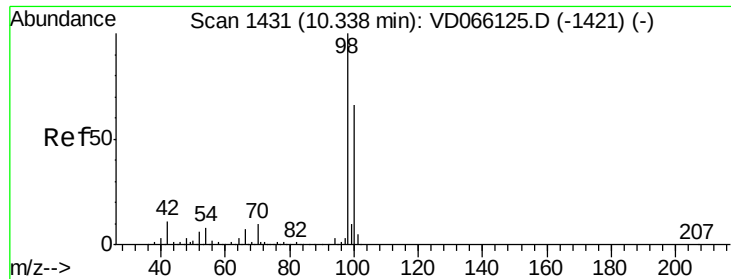


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

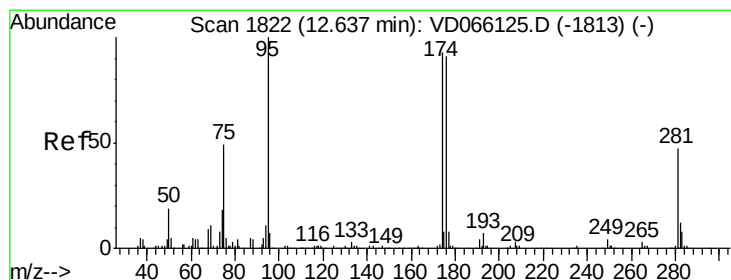
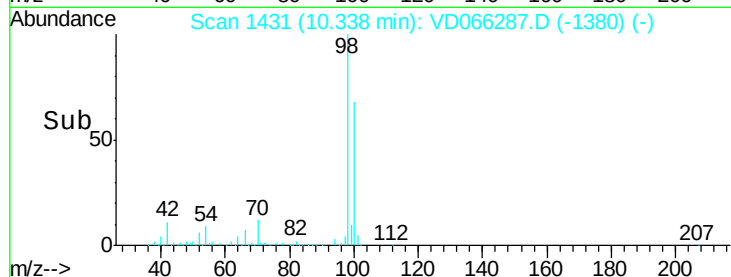
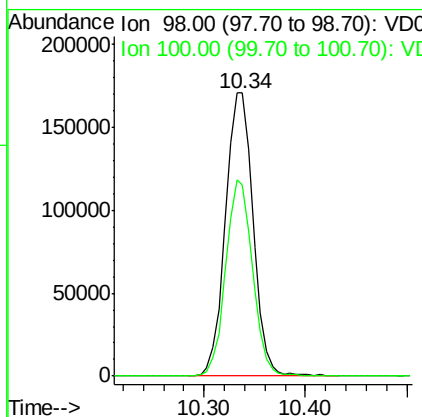
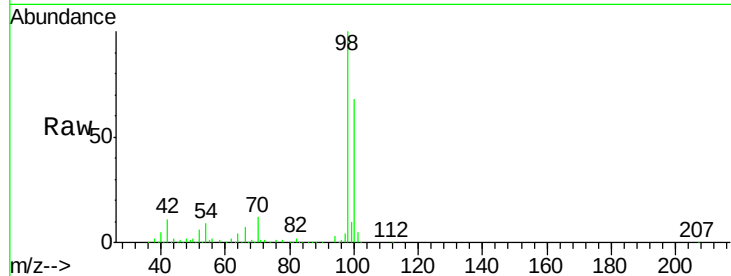




#50
Toluene-d8
Concen: 44.402 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066287.D
Acq: 18 Aug 2020 19:25

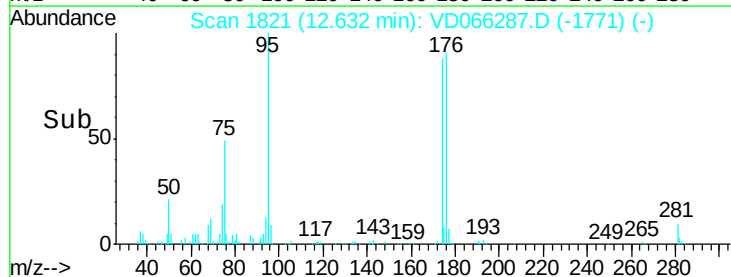
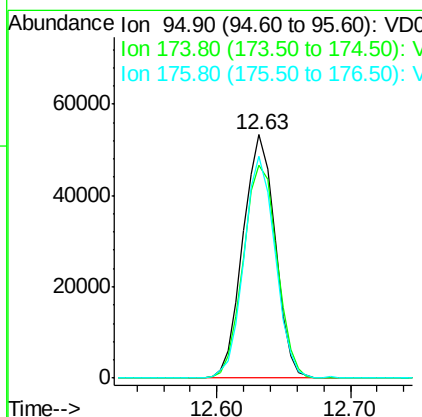
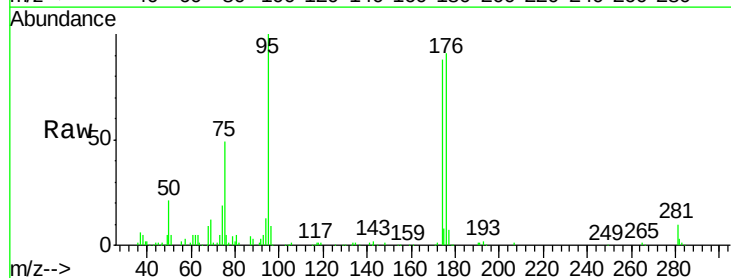
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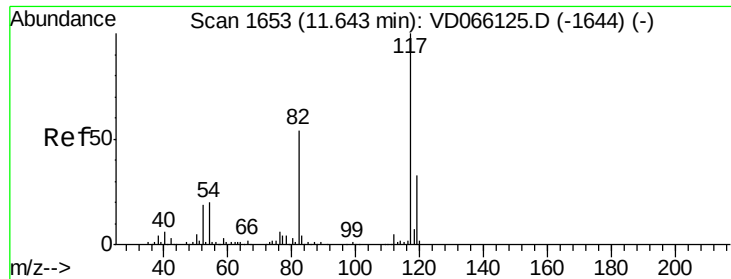
Tot Ion: 98 Resp: 323936
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 33.743 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066287.D
Acq: 18 Aug 2020 19:25

Tgt Ion: 95 Resp: 88736
Ion Ratio Lower Upper
95 100
174 91.6 0.0 180.8
176 88.4 0.0 181.2

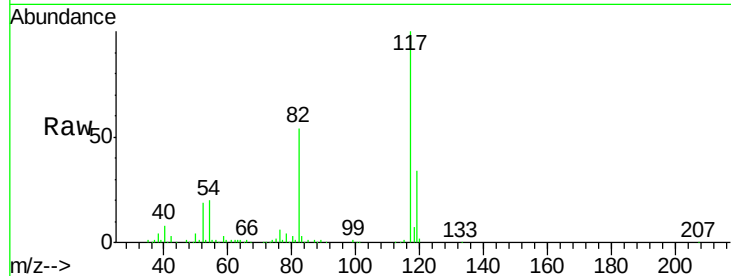




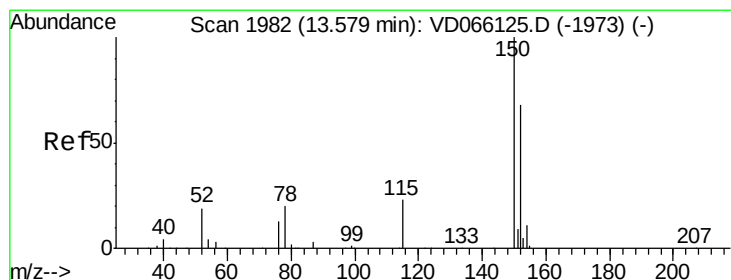
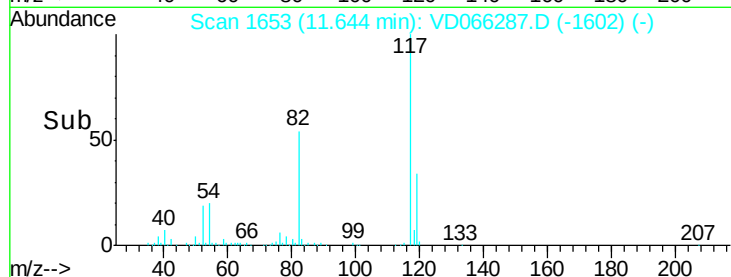
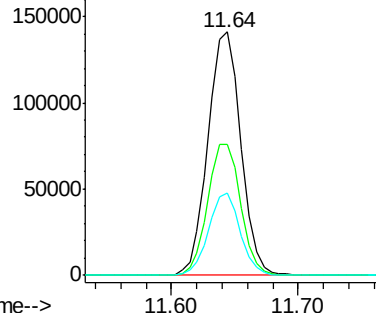
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066287.D
Acq: 18 Aug 2020 19:25

Instrument :
MSVOA_D
ClientSampleId :
S405-K-SO-1-1.5-081420

Tot Ion:117 Resp: 253795
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 33.9 26.1 39.1

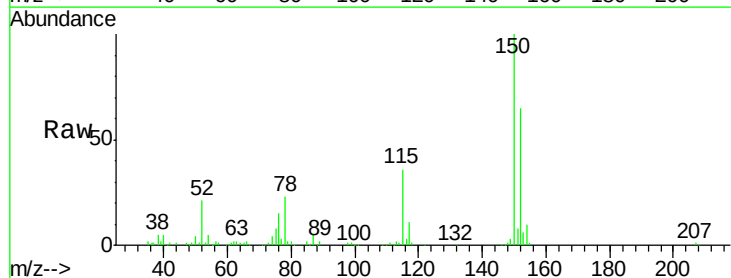


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066287.D
Acq: 18 Aug 2020 19:25

Tgt Ion:152 Resp: 83534
Ion Ratio Lower Upper
152 100
115 55.6 28.0 83.9
150 157.1 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

