

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066232.D
 Acq On : 14 Aug 2020 13:12
 Operator : VA/SY
 Sample : L3679-01
 Misc : 8.20G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S413-K-SO-1-1.5-081220

Quant Time: Aug 17 09:01:42 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

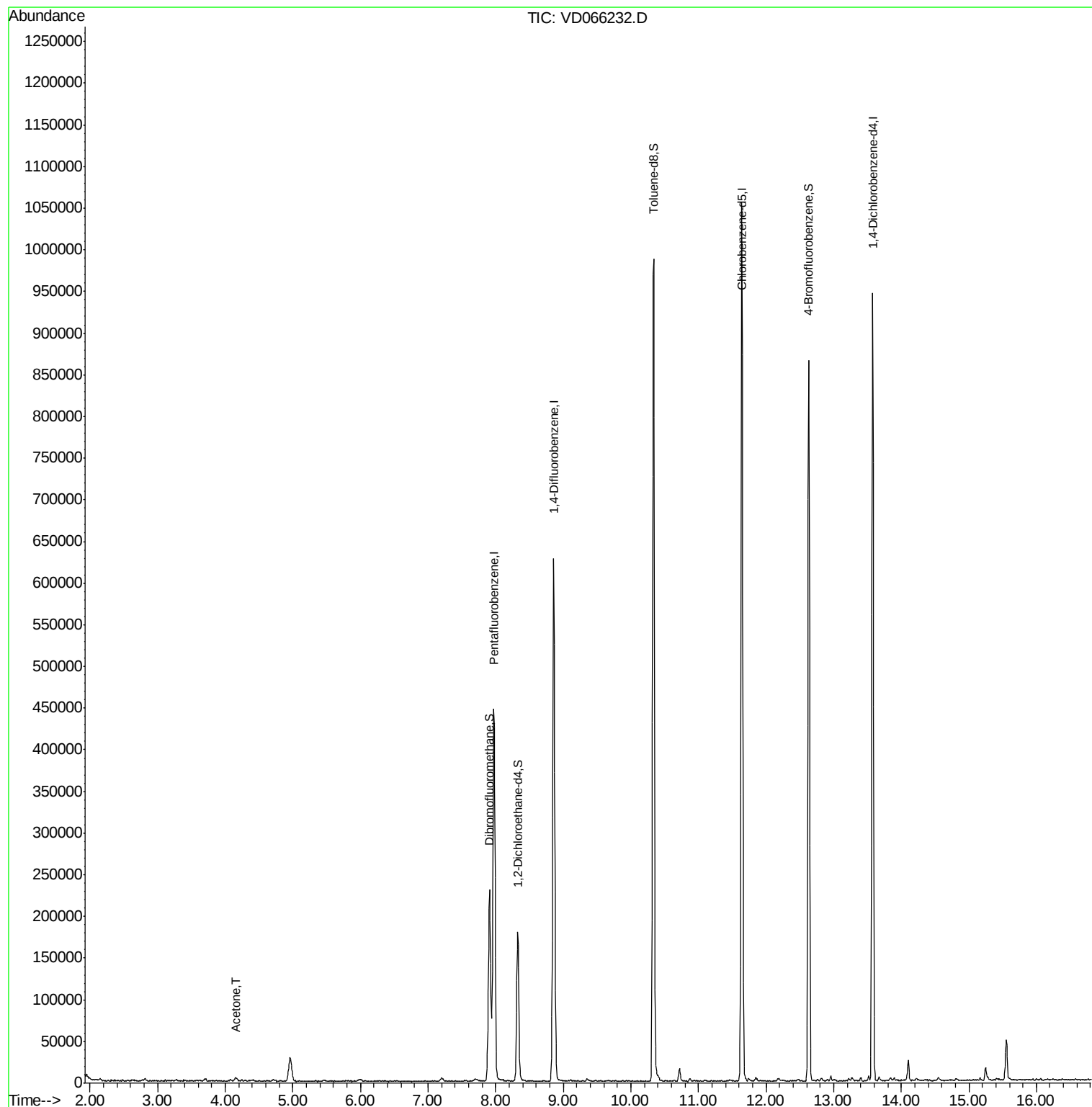
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	354806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	557404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	618171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	141741	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
35) Dibromofluoromethane	7.91	113	165519	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	10.34	98	692304	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.63	95	272913	58.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.20%	
Target Compounds						
16) Acetone	4.16	43	7838	13.050	ug/l #	Qvalue 85

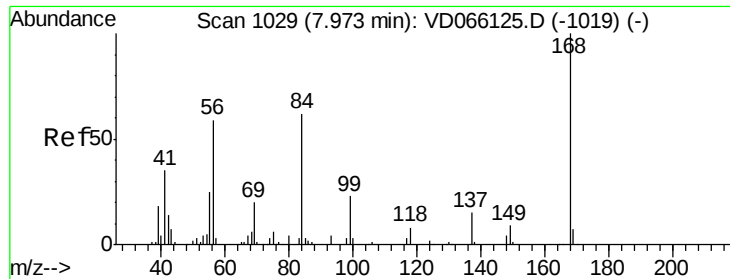
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066232.D

Acq: 14 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

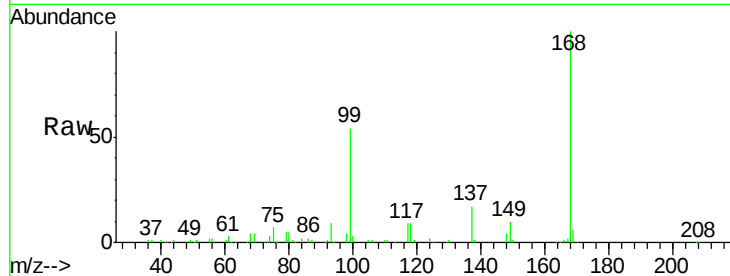
S413-K-SO-1-1.5-081220

Tot Ion:168 Resp: 354806

Ion Ratio Lower Upper

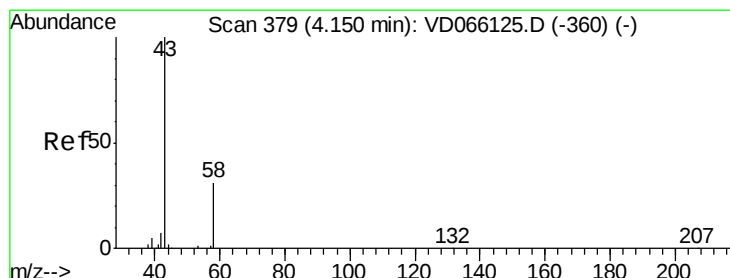
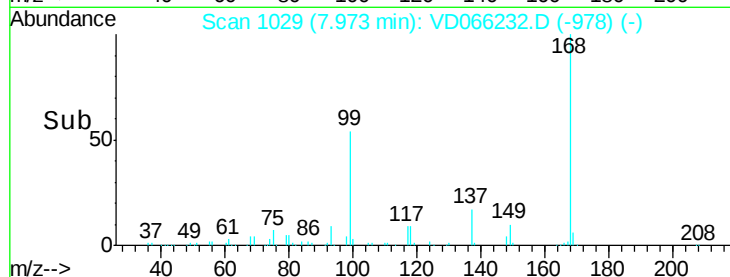
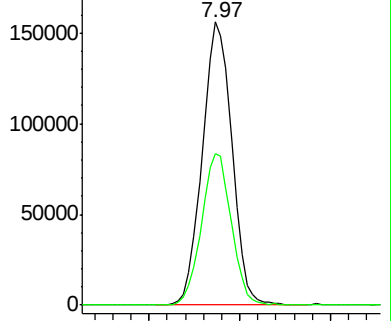
168 100

99 53.5 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 13.050 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066232.D

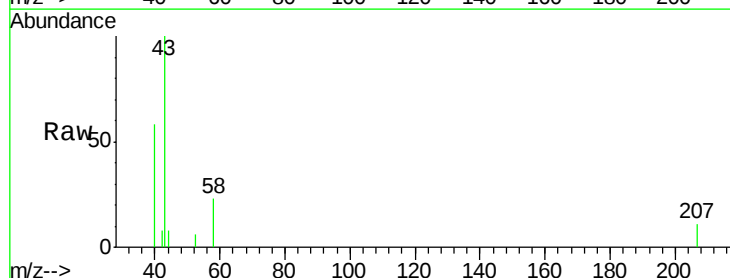
Acq: 14 Aug 2020 13:12

Tgt Ion: 43 Resp: 7838

Ion Ratio Lower Upper

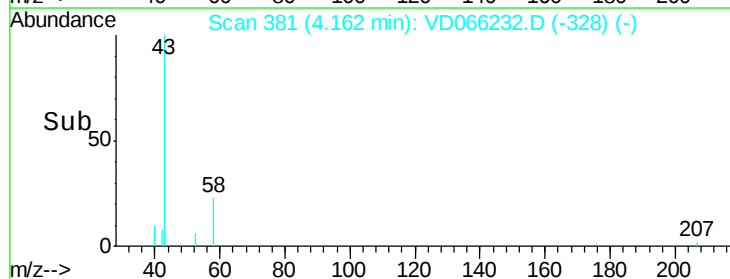
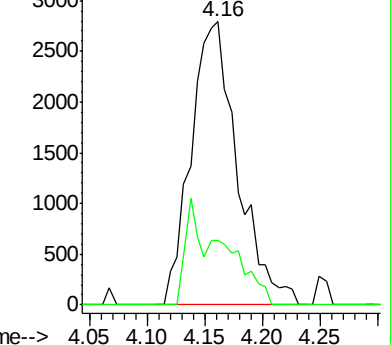
43 100

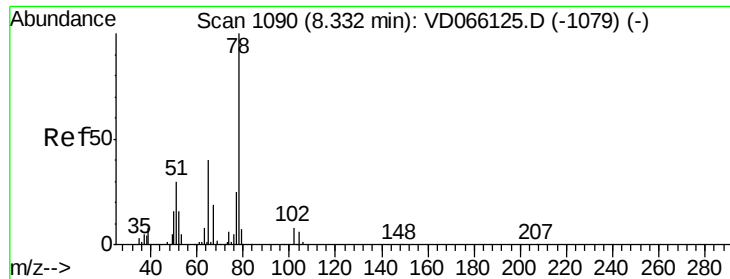
58 22.8 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

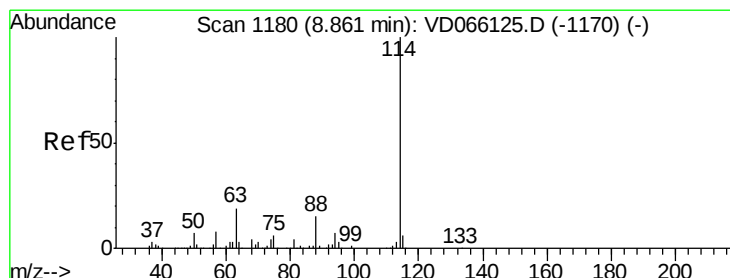
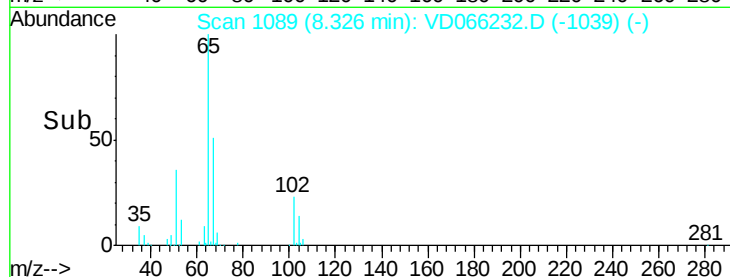
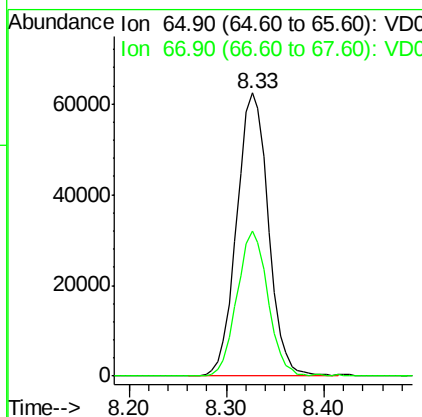
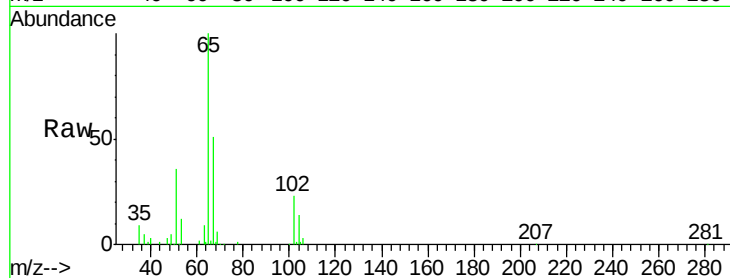




#33
 1,2-Dichloroethane-d4
 Concen: 44.778 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066232.D
 Acq: 14 Aug 2020 13:12

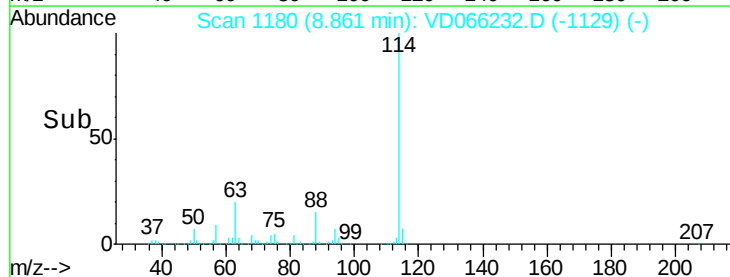
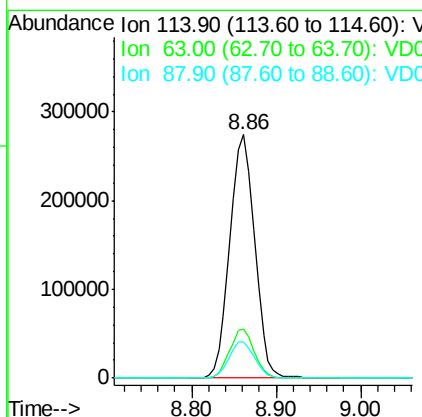
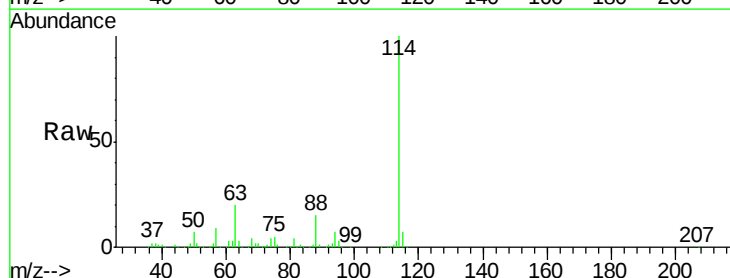
Instrument :
 MSVOA_D
 ClientSampleId :
 S413-K-SO-1-1.5-081220

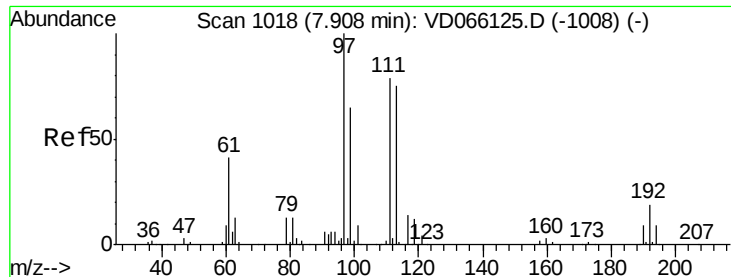
Tot Ion: 65 Resp: 141741
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066232.D
 Acq: 14 Aug 2020 13:12

Tgt Ion: 114 Resp: 557404
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.6
 88 15.0 0.0 30.0

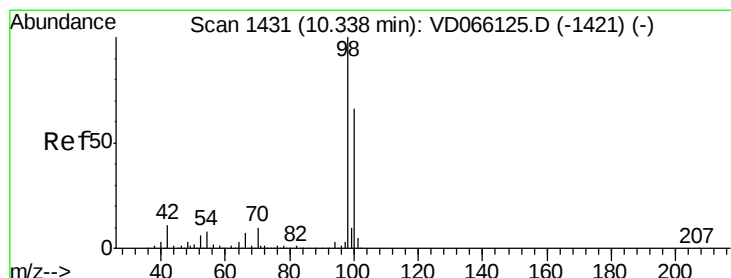
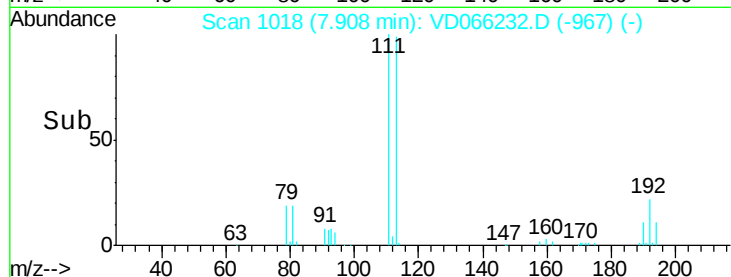
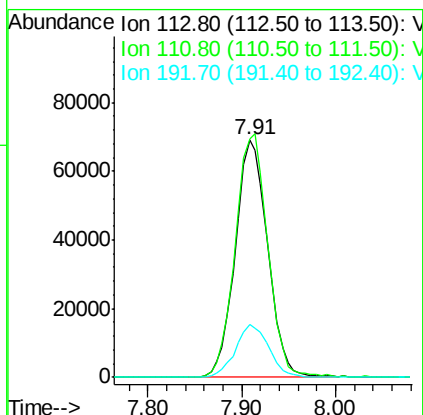
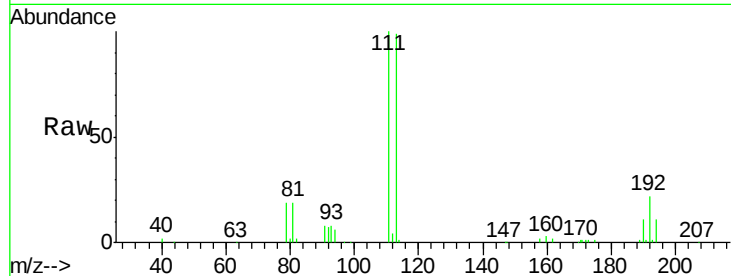




#35
Dibromofluoromethane
Concen: 46.875 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066232.D
Acq: 14 Aug 2020 13:12

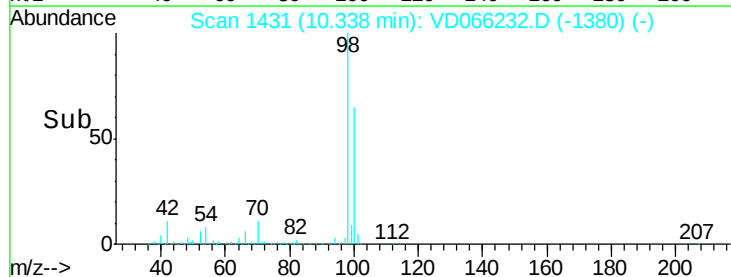
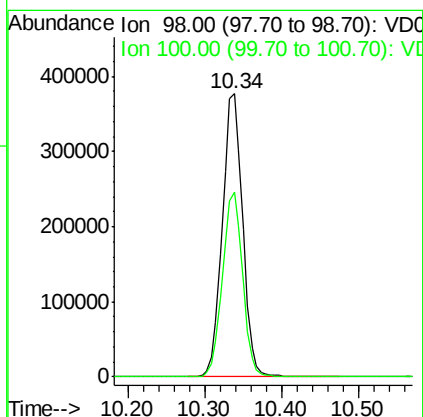
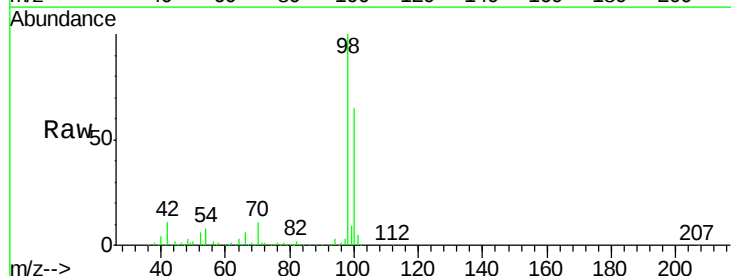
Instrument :
MSVOA_D
ClientSampleId :
S413-K-SO-1-1.5-081220

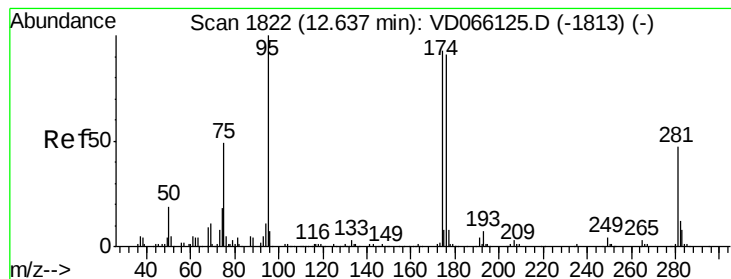
Tot Ion:113 Resp: 165519
Ion Ratio Lower Upper
113 100
111 103.3 80.7 121.1
192 22.7 18.4 27.6



#50
Toluene-d8
Concen: 53.129 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066232.D
Acq: 14 Aug 2020 13:12

Tgt Ion: 98 Resp: 692304
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 58.103 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066232.D

Acq: 14 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

S413-K-SO-1-1.5-081220

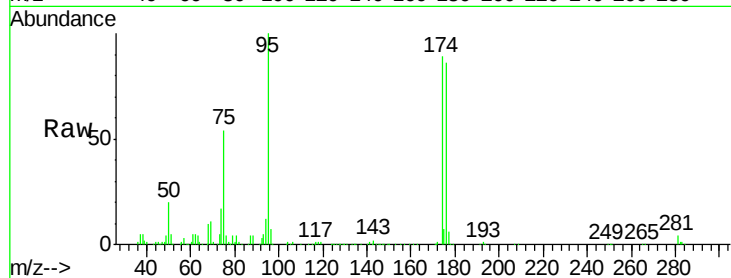
Tot Ion: 95 Resp: 272913

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.8

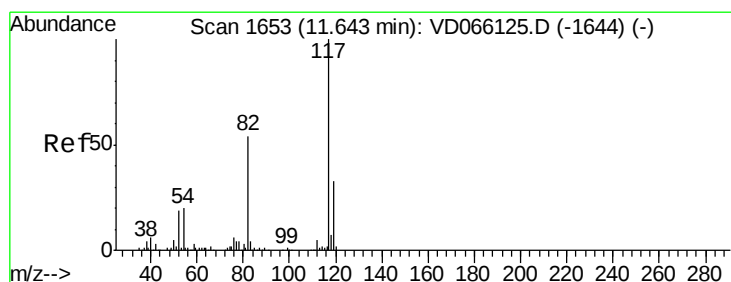
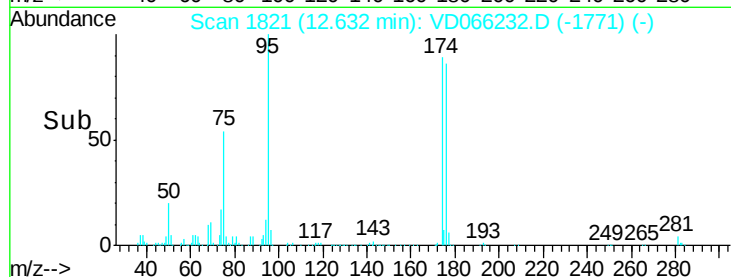
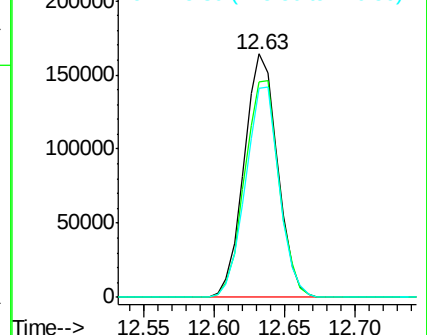
176 87.1 0.0 181.2



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: VD066232.D

Acq: 14 Aug 2020 13:12

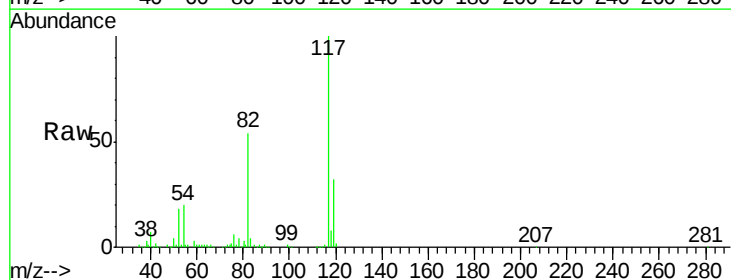
Tgt Ion: 117 Resp: 618171

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

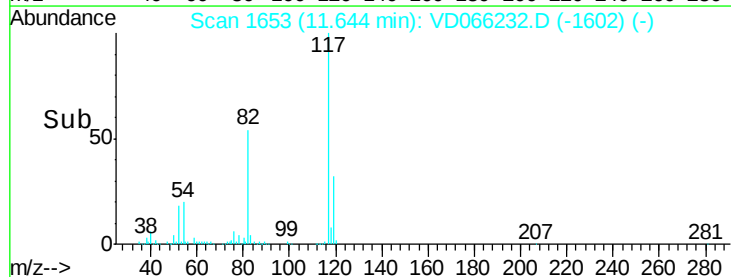
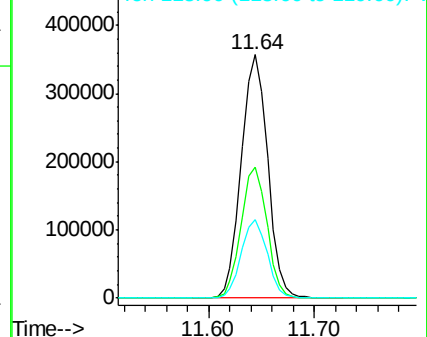
119 32.5 26.1 39.1

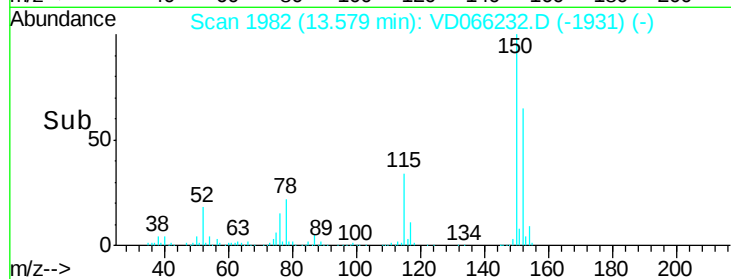
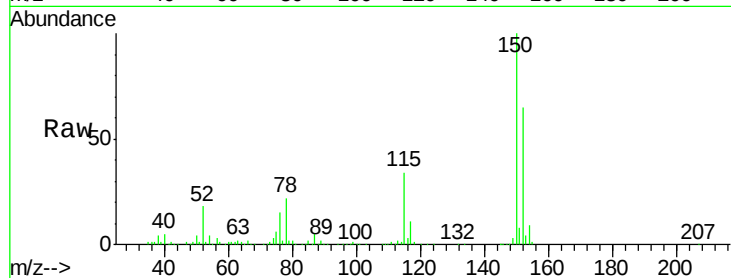
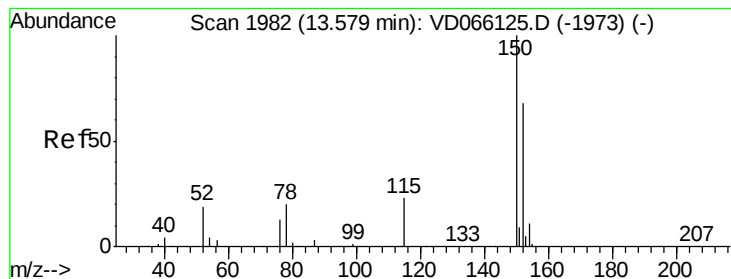


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066232.D

Acq: 14 Aug 2020 13:12

Instrument :

MSVOA_D

ClientSampleId :

S413-K-SO-1-1.5-081220

Tot Ion:152 Resp: 254165

Ion Ratio Lower Upper

152 100

115 56.5 28.0 83.9

150 158.8 0.0 346.4

