

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066319.D
 Acq On : 19 Aug 2020 15:30
 Operator : VA/SY
 Sample : L3700-08RE
 Misc : 8.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S408-K-SO-1-1.5-081420RE

Quant Time: Aug 19 16:19:05 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

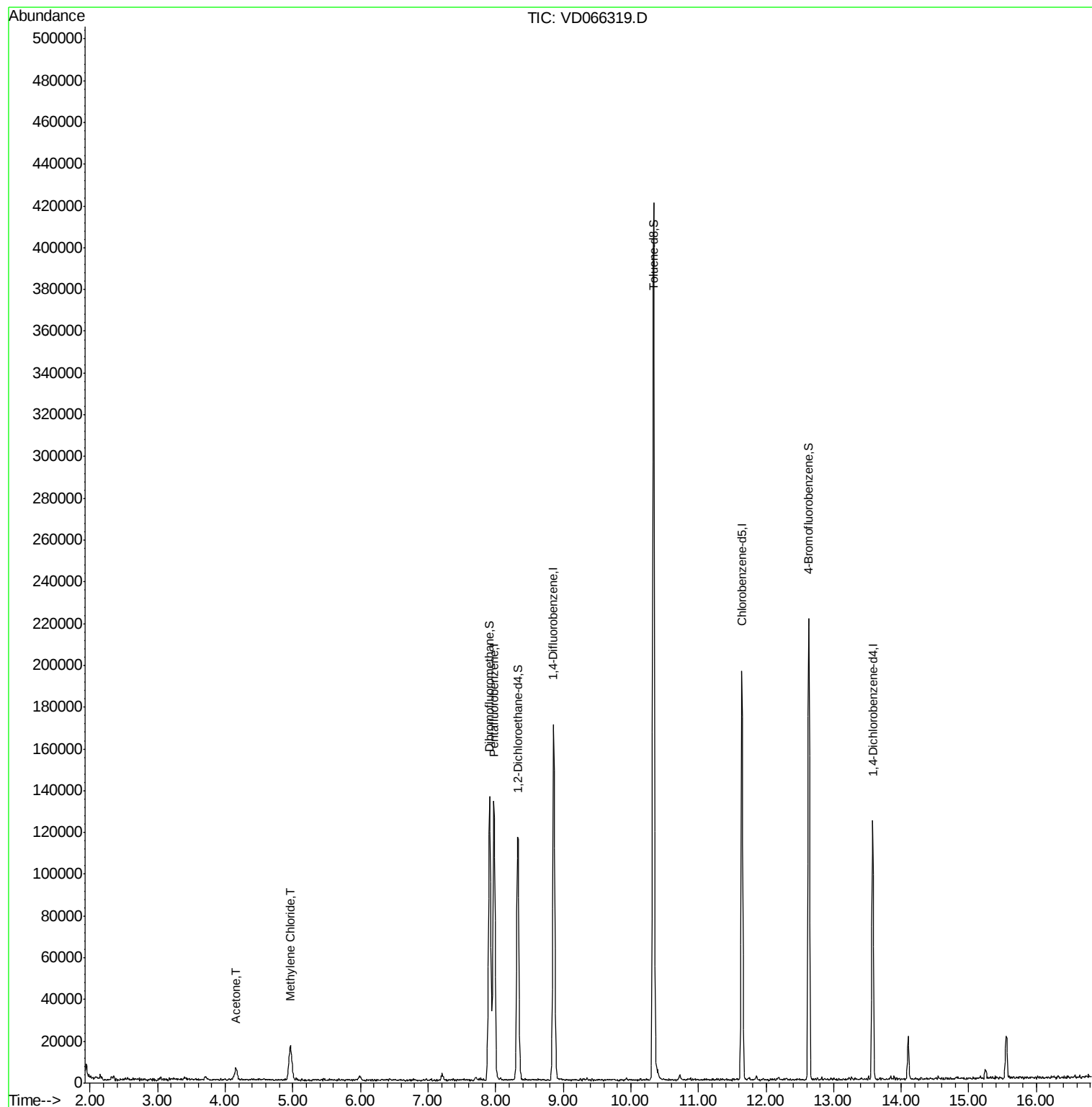
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	101640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	148789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	113741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	33805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	96529	106.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	212.90%	
35) Dibromofluoromethane	7.91	113	96607	102.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	204.98%	
50) Toluene-d8	10.34	98	285490	82.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	164.16%	
62) 4-Bromofluorobenzene	12.64	95	68378	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
Target Compounds						
16) Acetone	4.16	43	10335	60.068	ug/l #	81
20) Methylene Chloride	4.97	84	12709	9.041	ug/l	93

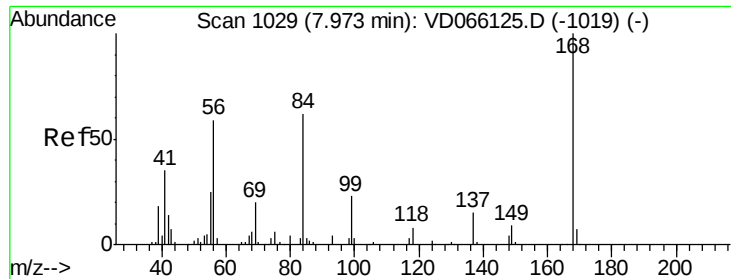
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081920\
Data File : VD066319.D
Acq On : 19 Aug 2020 15:30
Operator : VA/SY
Sample : L3700-08RE
Misc : 8.87G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S408-K-SO-1-1.5-081420RE

Quant Time: Aug 19 16:19:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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: VD066319.D

Acq: 19 Aug 2020 15:30

Instrument :

MSVOA_D

ClientSampleId :

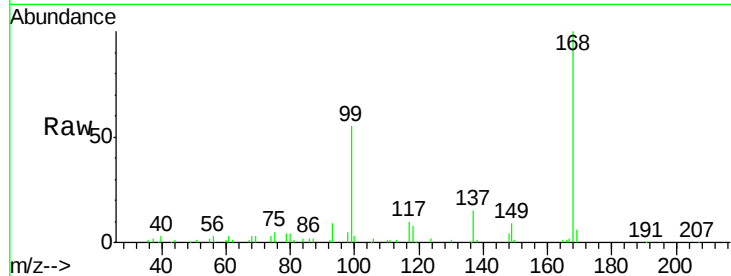
S408-K-SO-1-1.5-081420RE

Tot Ion:168 Resp: 101640

Ion Ratio Lower Upper

168 100

99 55.0 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

50000

40000

30000

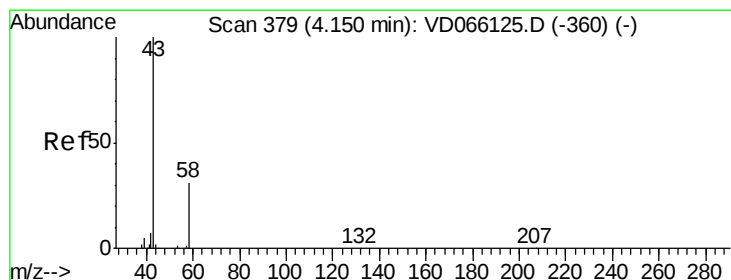
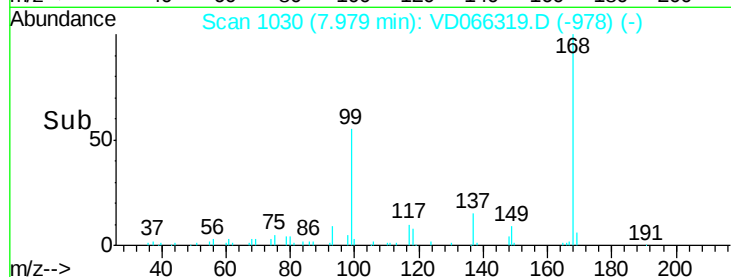
20000

10000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 60.068 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066319.D

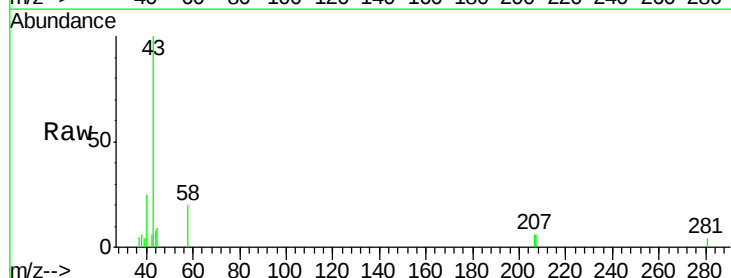
Acq: 19 Aug 2020 15:30

Tgt Ion: 43 Resp: 10335

Ion Ratio Lower Upper

43 100

58 20.4 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

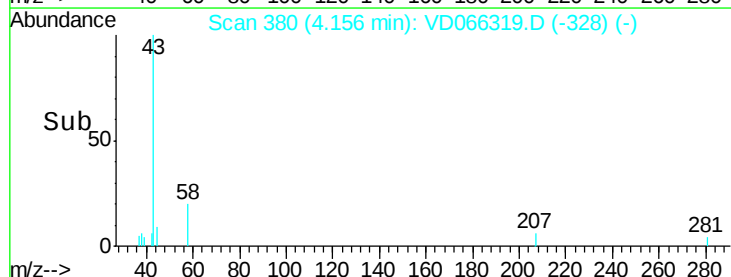
2000

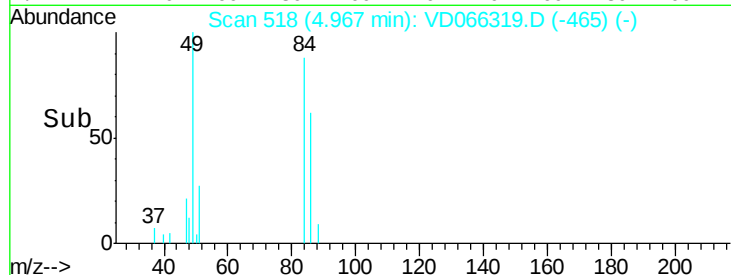
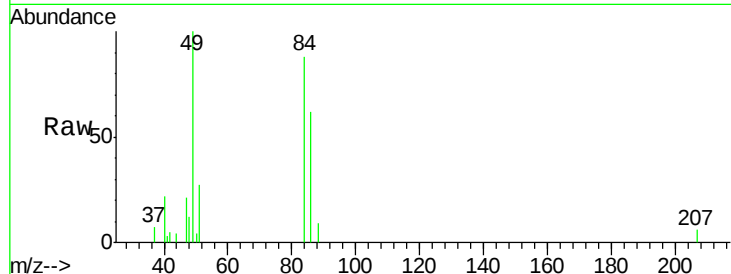
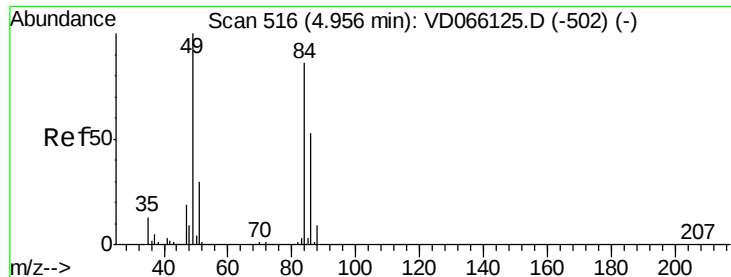
1000

0

4.05 4.10 4.15 4.20 4.25

Time-->

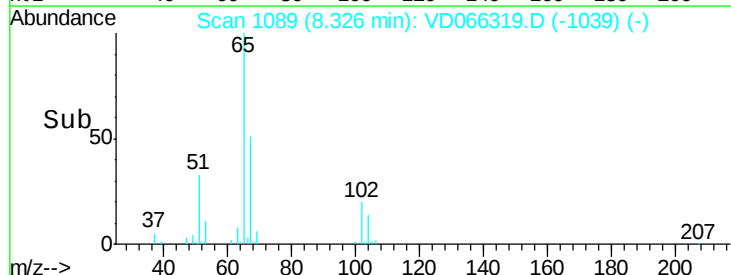
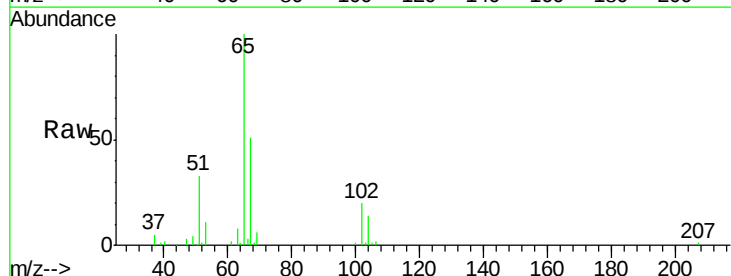
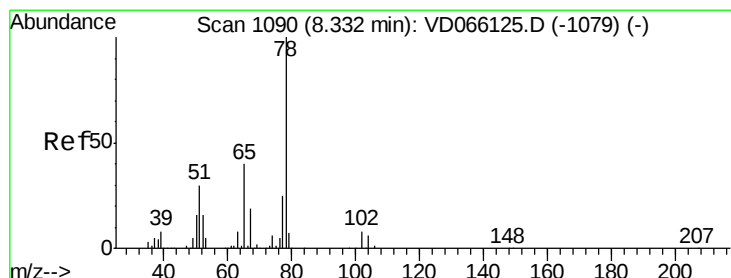
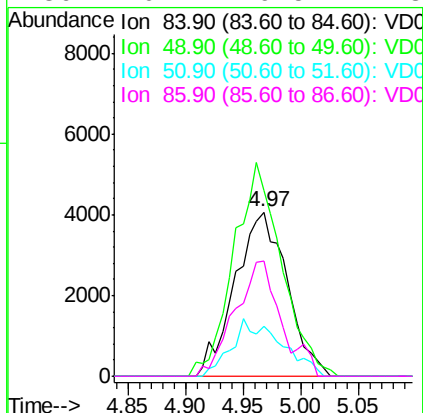




#20
Methvlene Chloride
Concen: 9.041 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066319.D
Acq: 19 Aug 2020 15:30

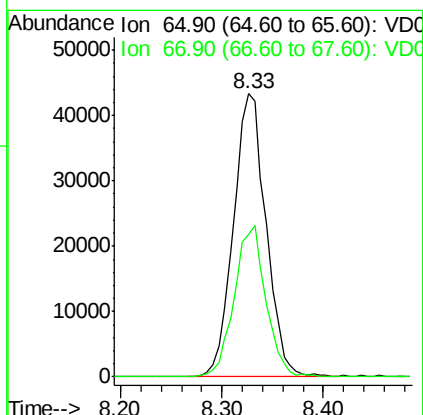
Instrument :
MSVOA_D
ClientSampleId :
S408-K-SO-1-1.5-081420RE

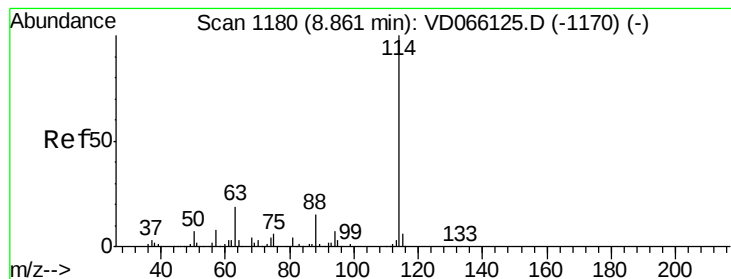
Tot Ion:	84	Resp:	12709
Ion	Ratio	Lower	Upper
84	100		
49	113.1	93.5	140.3
51	30.4	28.2	42.4
86	70.7	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 106.452 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066319.D
Acq: 19 Aug 2020 15:30

Tgt Ion:	65	Resp:	96529
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066319.D

Acq: 19 Aug 2020 15:30

Instrument :

MSVOA_D

ClientSampleId :

S408-K-SO-1-1.5-081420RE

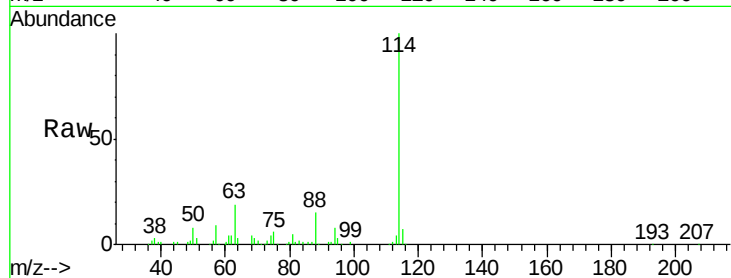
Tot Ion:114 Resp: 148789

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

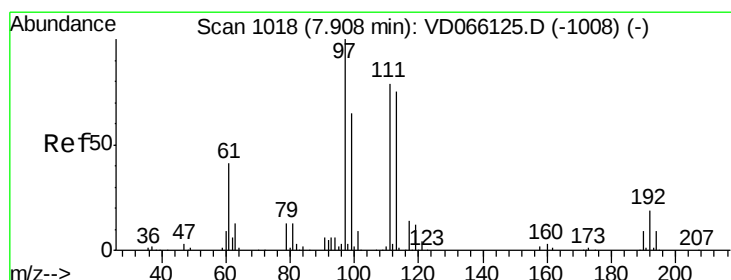
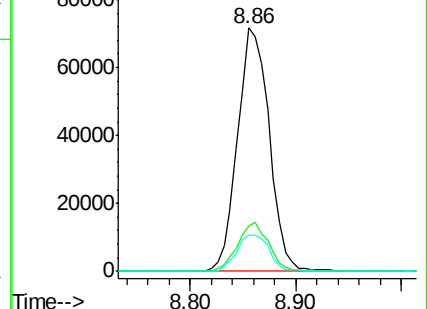
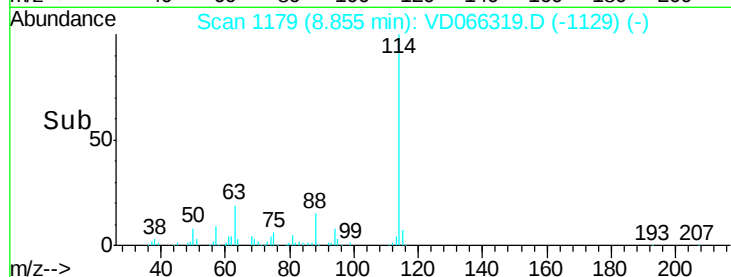
88 15.0 0.0 30.0



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: 102.494 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066319.D

Acq: 19 Aug 2020 15:30

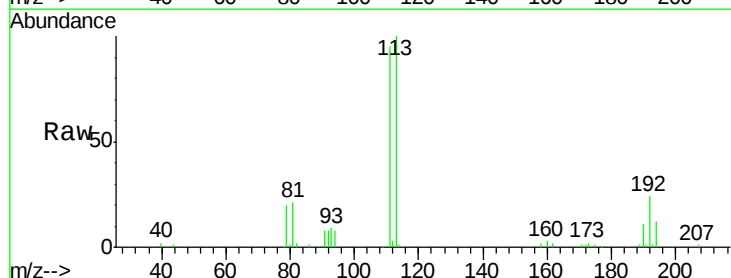
Tgt Ion:113 Resp: 96607

Ion Ratio Lower Upper

113 100

111 99.9 80.7 121.1

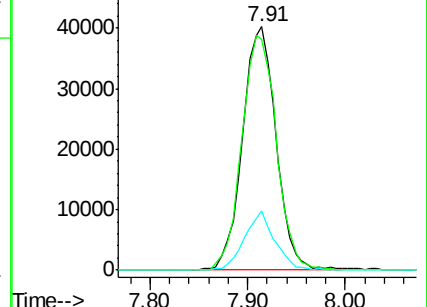
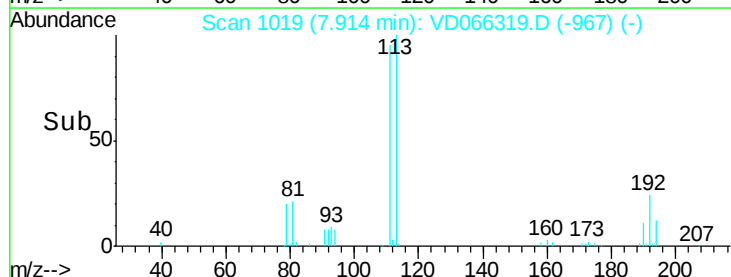
192 21.7 18.4 27.6

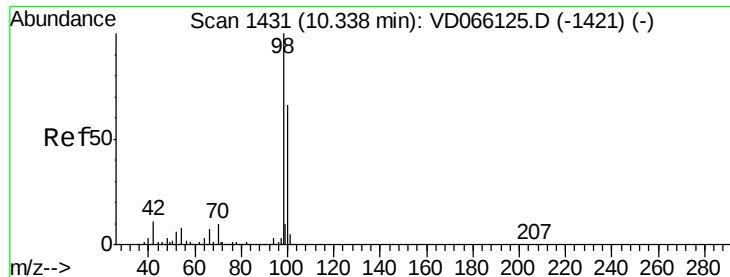


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 82.078 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066319.D

Acq: 19 Aug 2020 15:30

Instrument :

MSVOA_D

ClientSampleId :

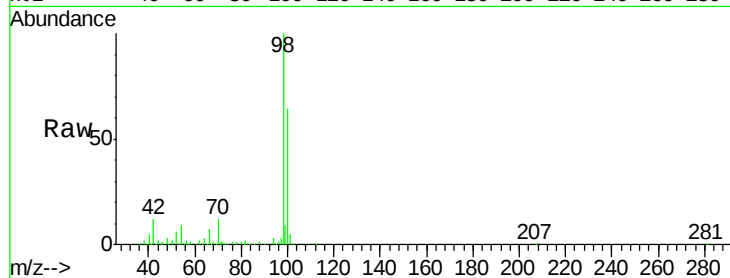
S408-K-SO-1-1.5-081420RE

Tot Ion: 98 Resp: 285490

Ion Ratio Lower Upper

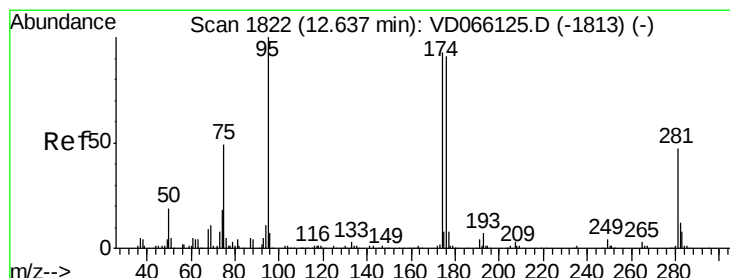
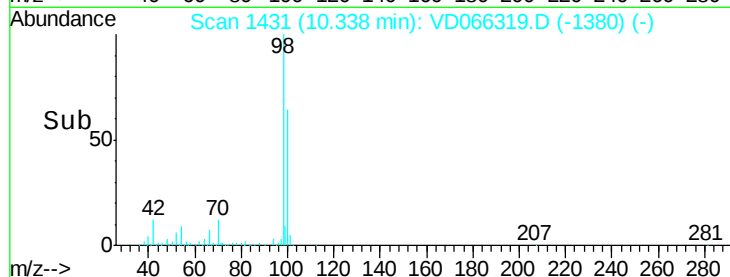
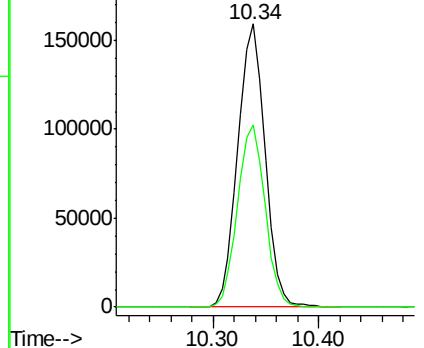
98 100

100 64.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 54.537 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066319.D

Acq: 19 Aug 2020 15:30

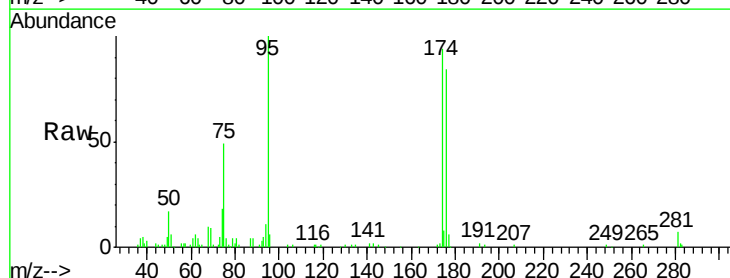
Tgt Ion: 95 Resp: 68378

Ion Ratio Lower Upper

95 100

174 92.3 0.0 180.8

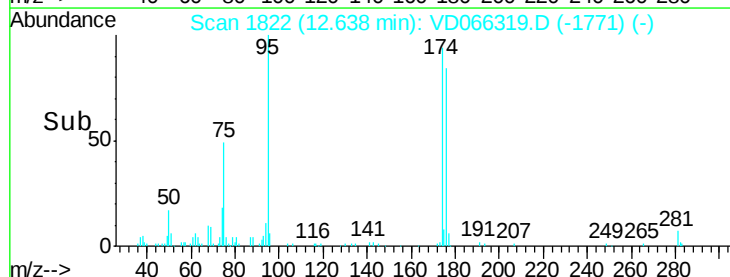
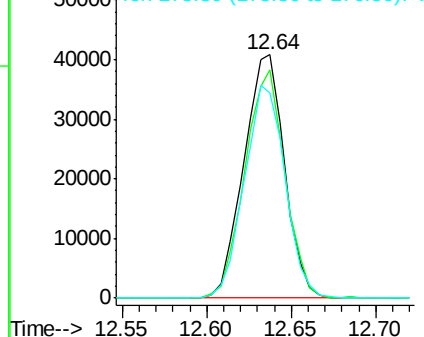
176 87.6 0.0 181.2

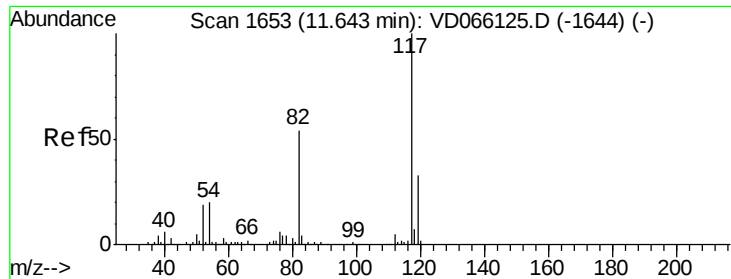


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

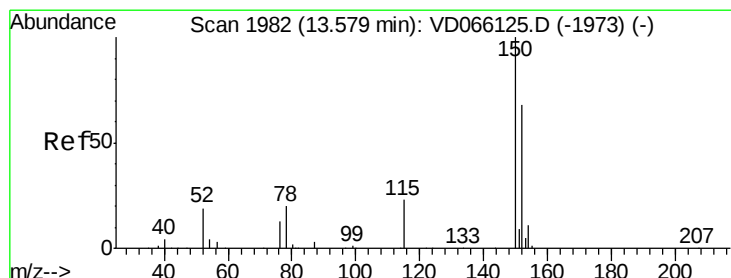
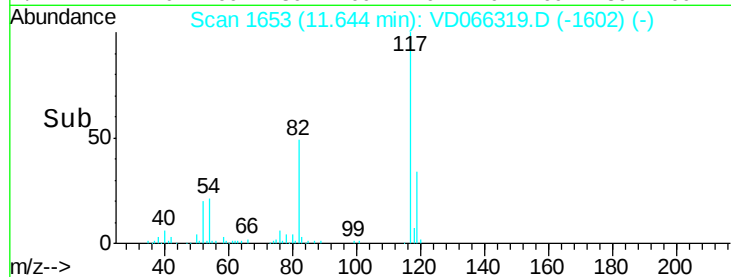
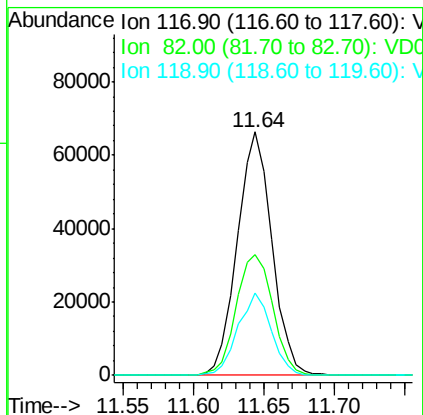
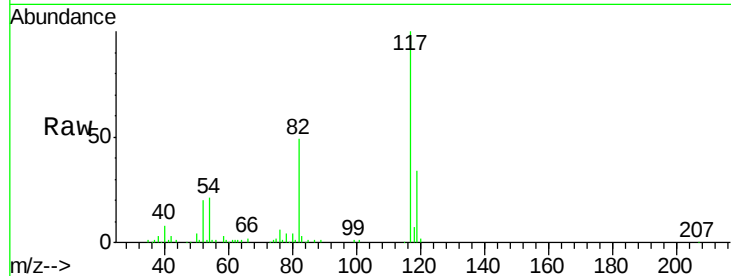




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066319.D
Acq: 19 Aug 2020 15:30

Instrument :
MSVOA_D
ClientSampleId :
S408-K-SO-1-1.5-081420RE

Tot Ion:117 Resp: 113741
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 33.7 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: VD066319.D
Acq: 19 Aug 2020 15:30

Tgt Ion:152 Resp: 33805
Ion Ratio Lower Upper
152 100
115 58.3 28.0 83.9
150 153.6 0.0 346.4

