

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066196.D
 Acq On : 11 Aug 2020 19:40
 Operator : VA/SY
 Sample : L3654-05
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-17

Quant Time: Aug 11 21:13:15 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

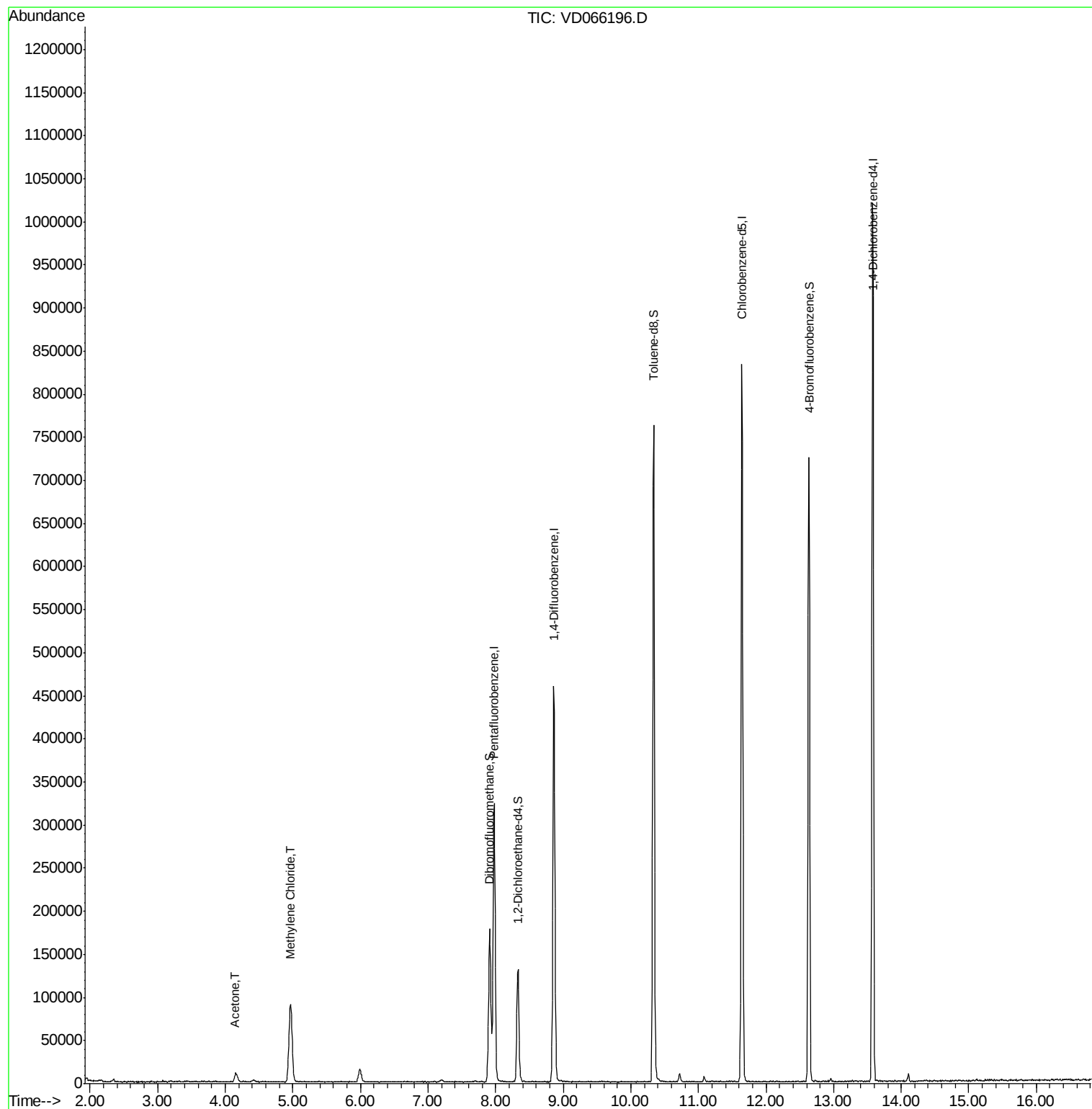
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	248486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	414184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	493489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104387	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
35) Dibromofluoromethane	7.91	113	128078	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	10.34	98	519487	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.64	95	239386	68.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.18%	
Target Compounds						
16) Acetone	4.15	43	18477	43.926	ug/l	96
20) Methylene Chloride	4.97	84	72552	27.979	ug/l	94

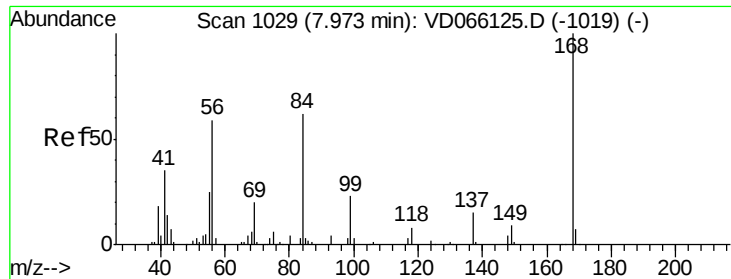
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066196.D

Acq: 11 Aug 2020 19:40

Instrument :

MSVOA_D

ClientSampled :

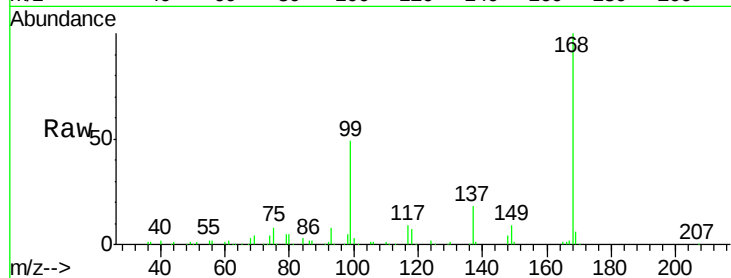
CS-17

Tot Ion:168 Resp: 248486

Ion Ratio Lower Upper

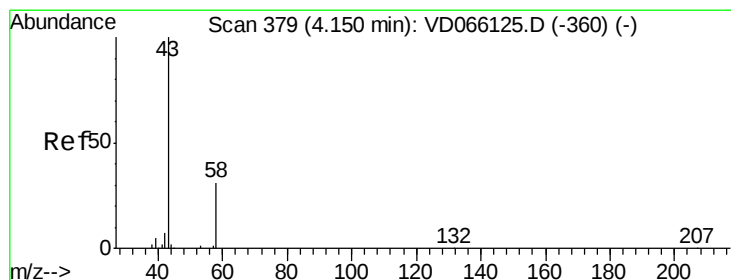
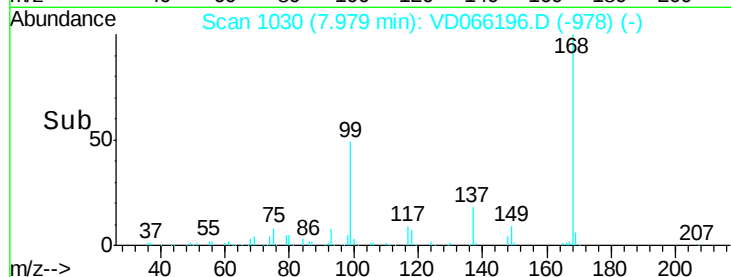
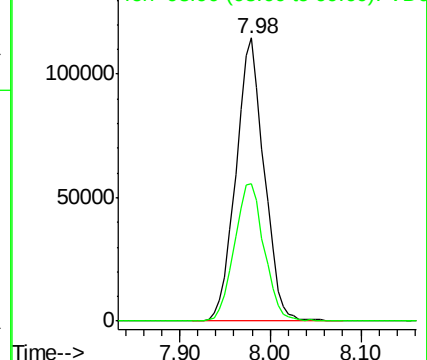
168 100

99 48.6 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: 43.926 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066196.D

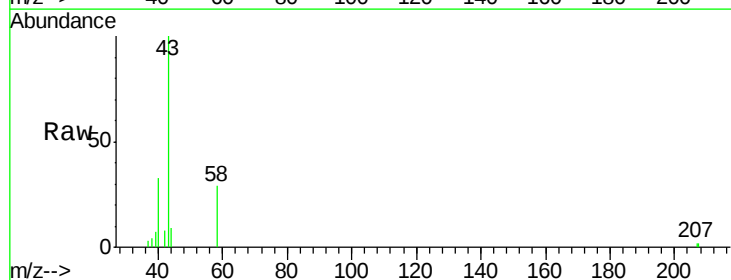
Acq: 11 Aug 2020 19:40

Tgt Ion: 43 Resp: 18477

Ion Ratio Lower Upper

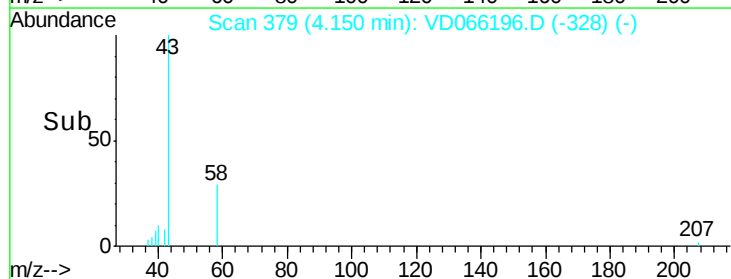
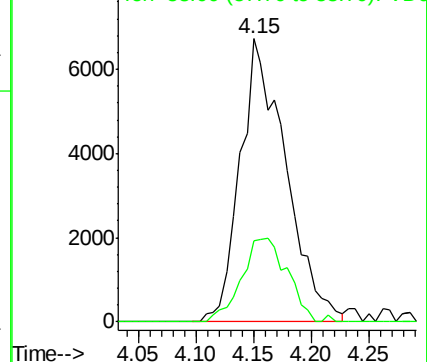
43 100

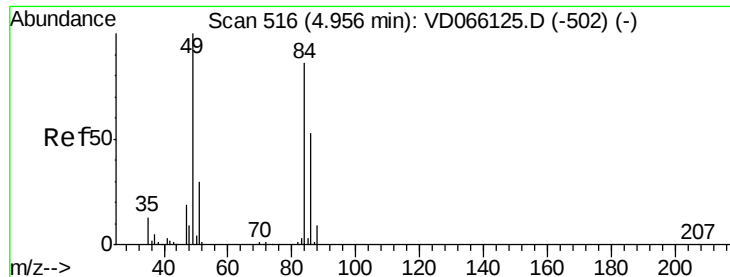
58 28.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

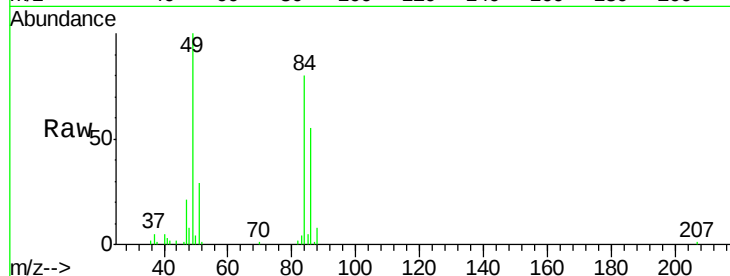




#20
Methvlene Chloride
Concen: 27.979 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066196.D
Acq: 11 Aug 2020 19:40

Instrument :
MSVOA_D
ClientSampleId :
CS-17

Tot Ion:	84	Resp:	72552
Ion	Ratio	Lower	Upper
84	100		
49	124.4	93.5	140.3
51	36.4	28.2	42.4
86	68.2	49.5	74.3



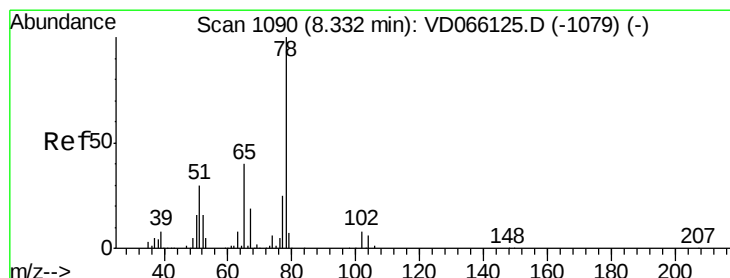
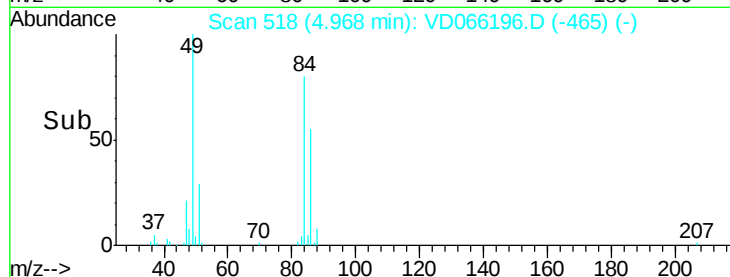
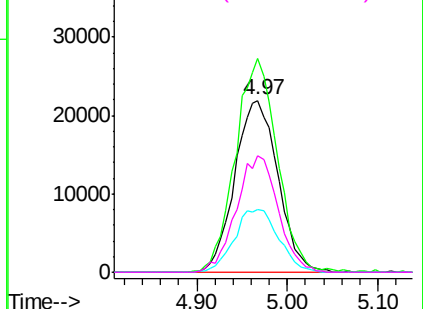
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

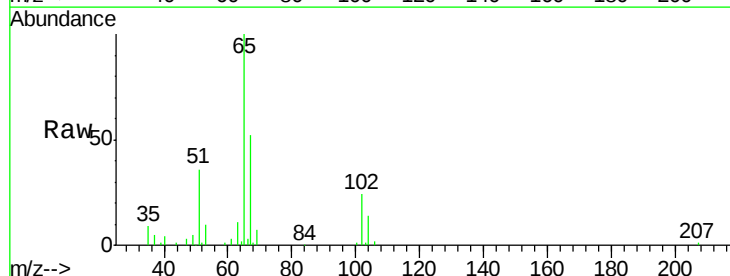
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33
1,2-Dichloroethane-d4
Concen: 47.088 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066196.D
Acq: 11 Aug 2020 19:40

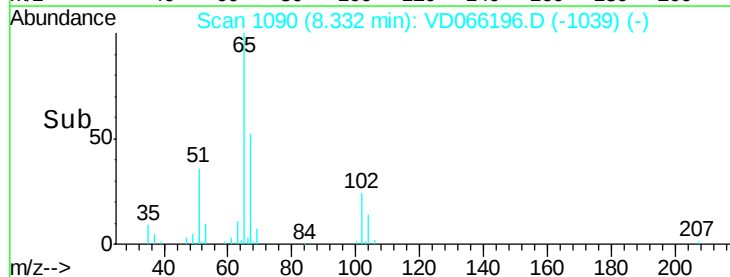
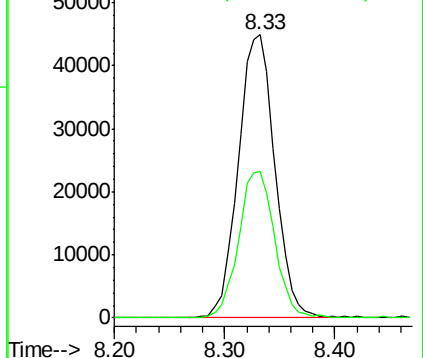
Tgt Ion:	65	Resp:	104387
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.6

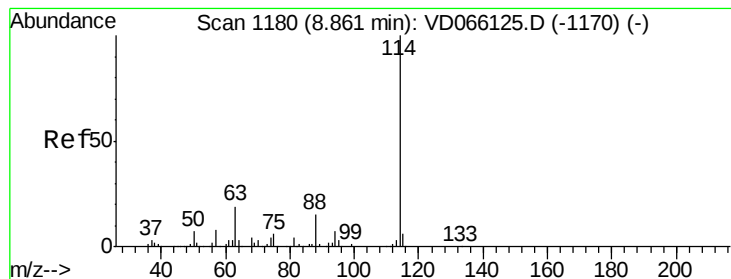


Abundance

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: VD066196.D

Acq: 11 Aug 2020 19:40

Instrument :

MSVOA_D

ClientSampleId :

CS-17

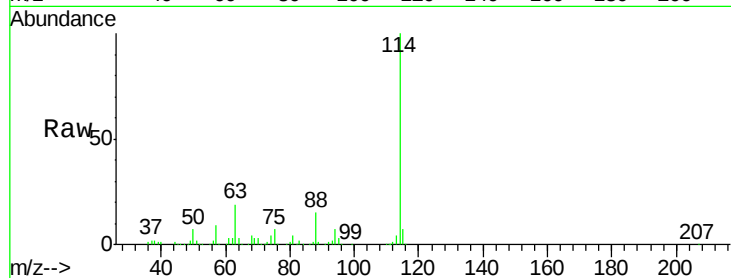
Tot Ion:114 Resp: 414184

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

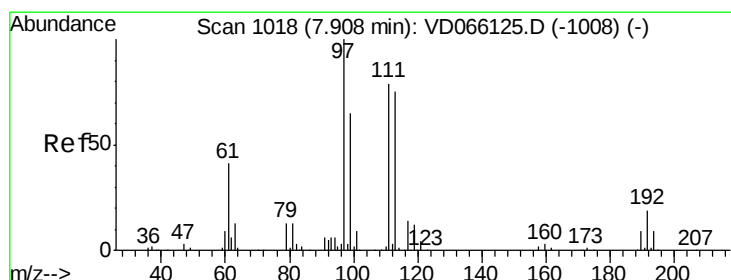
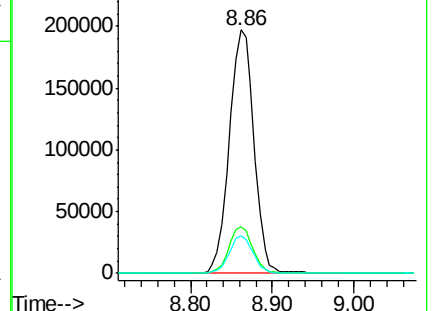
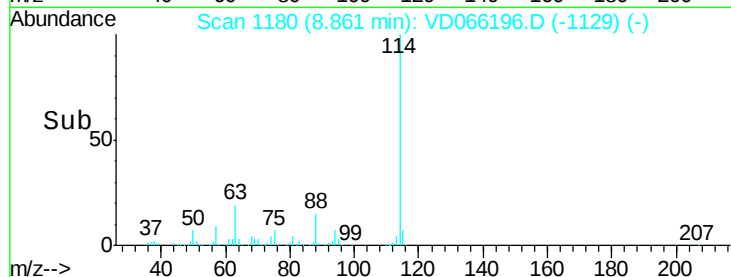
88 15.3 0.0 30.0



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: 48.814 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066196.D

Acq: 11 Aug 2020 19:40

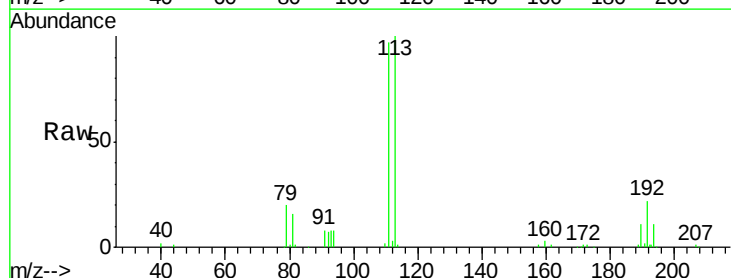
Tgt Ion:113 Resp: 128078

Ion Ratio Lower Upper

113 100

111 100.7 80.7 121.1

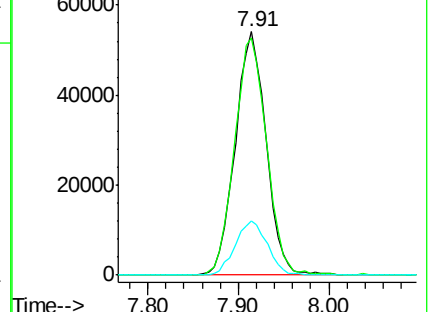
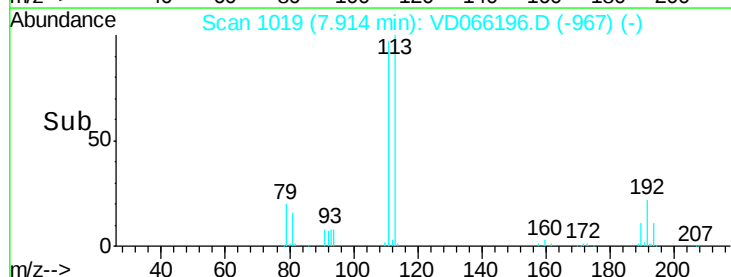
192 23.1 18.4 27.6

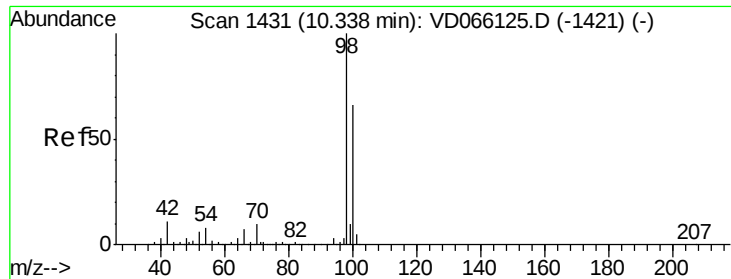


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.652 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066196.D

Acq: 11 Aug 2020 19:40

Instrument :

MSVOA_D

ClientSampleId :

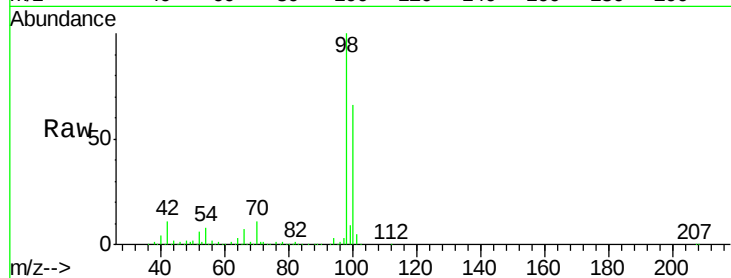
CS-17

Tot Ion: 98 Resp: 519487

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

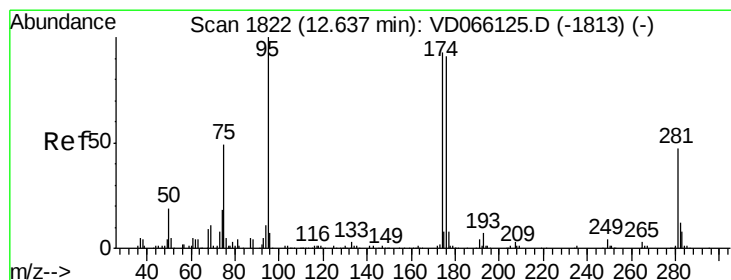
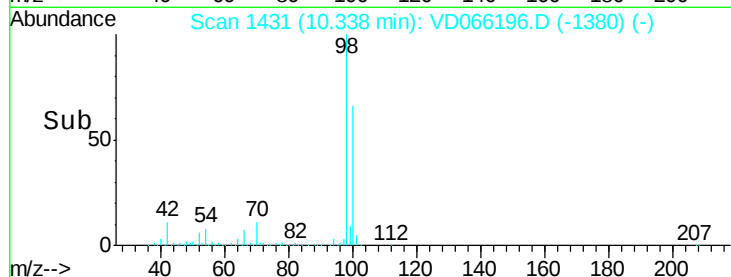
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 68.589 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066196.D

Acq: 11 Aug 2020 19:40

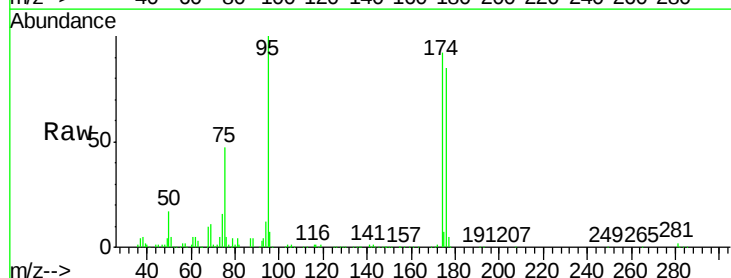
Tgt Ion: 95 Resp: 239386

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.8

176 86.8 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

12.64

200000

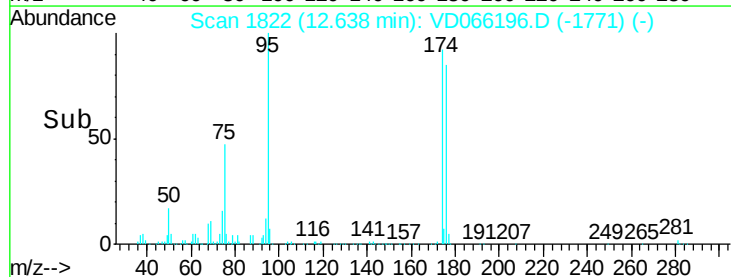
150000

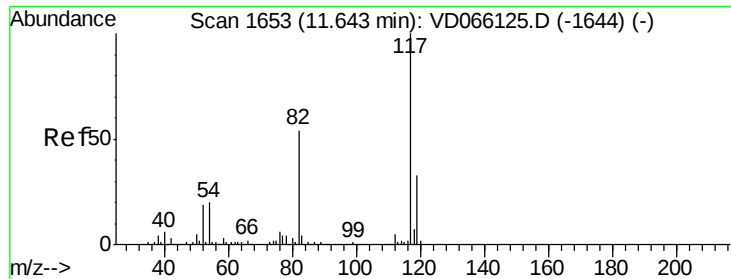
100000

50000

0

Time--> 12.60 12.70

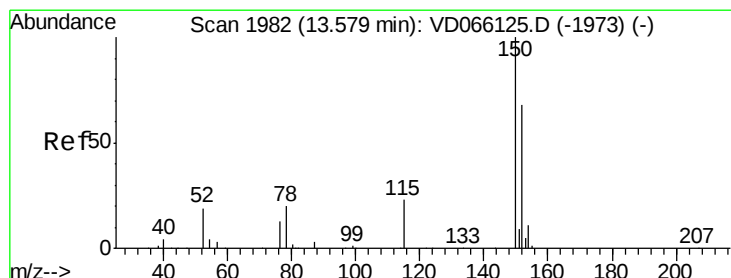
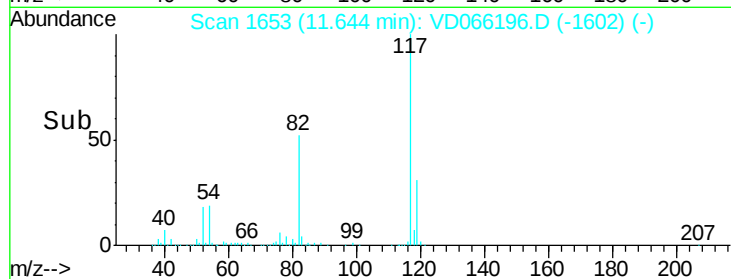
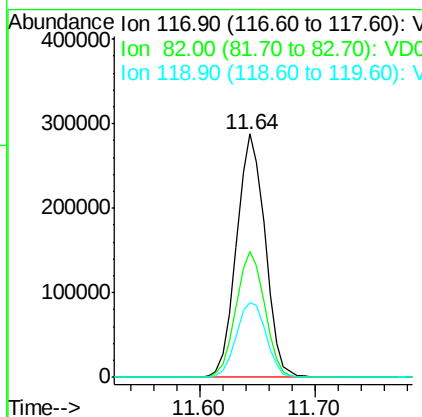
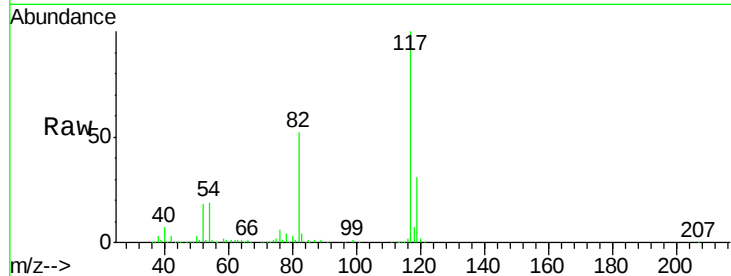




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066196.D
Acq: 11 Aug 2020 19:40

Instrument :
MSVOA_D
ClientSampleId :
CS-17

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.0	64.4
119	30.7	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: VD066196.D
Acq: 11 Aug 2020 19:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.0	83.9
150	153.7	0.0	346.4

