

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066197.D
 Acq On : 11 Aug 2020 20:08
 Operator : VA/SY
 Sample : L3654-06
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-18

Quant Time: Aug 11 21:14:10 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

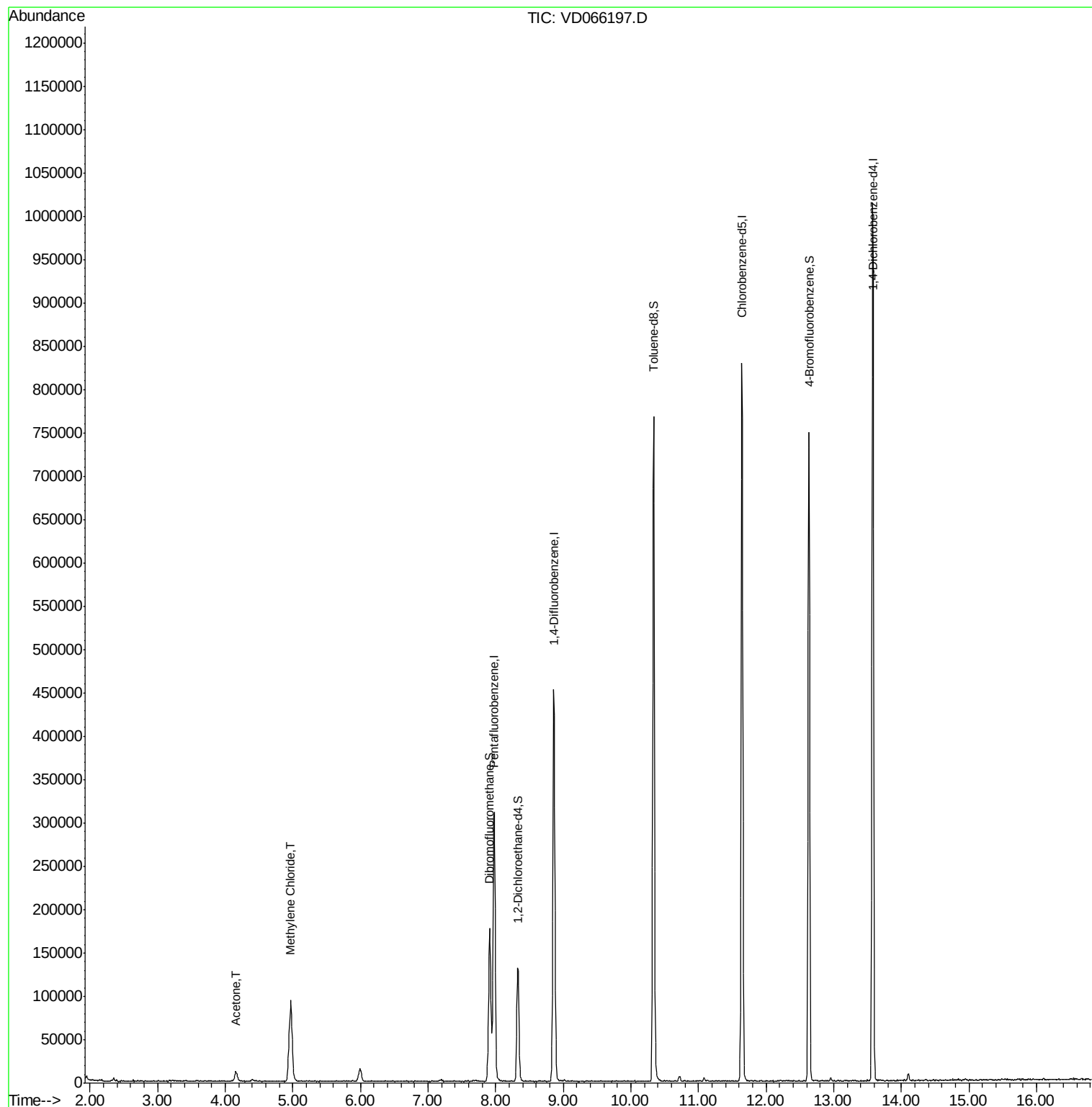
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	245988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	403681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	497554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	109191	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.91	113	125254	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.34	98	515283	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.64	95	239912	70.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.06%	
Target Compounds						
16) Acetone	4.16	43	21264	51.065	ug/l	95
20) Methylene Chloride	4.97	84	73761	28.873	ug/l	97

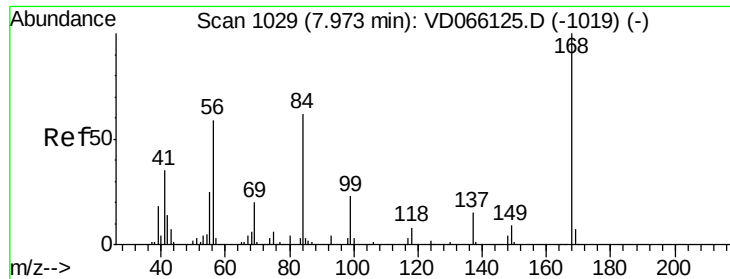
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066197.D

Acq: 11 Aug 2020 20:08

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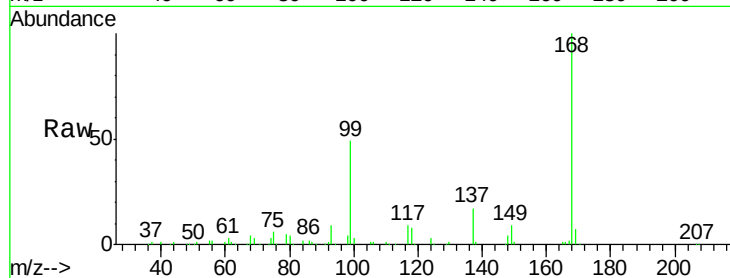
CS-18

Tot Ion:168 Resp: 245988

Ion Ratio Lower Upper

168 100

99 49.3 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

120000

100000

80000

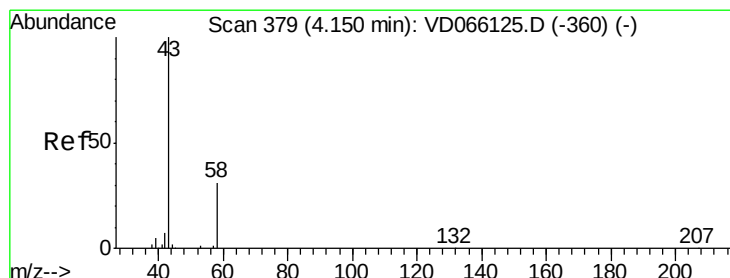
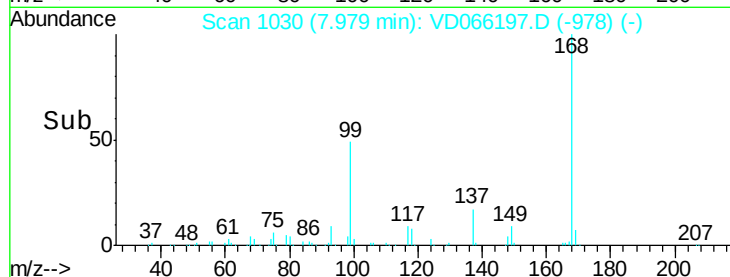
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 51.065 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066197.D

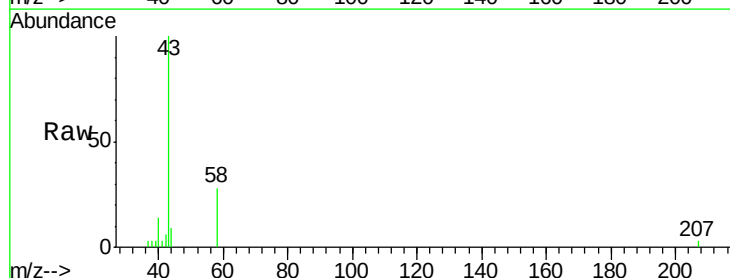
Acq: 11 Aug 2020 20:08

Tgt Ion: 43 Resp: 21264

Ion Ratio Lower Upper

43 100

58 28.3 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

8000

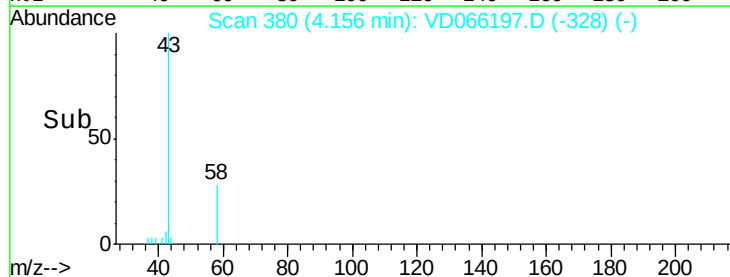
6000

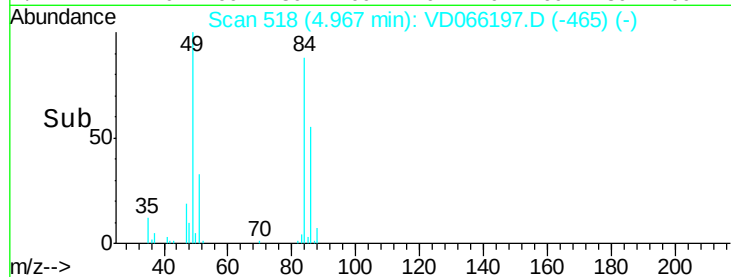
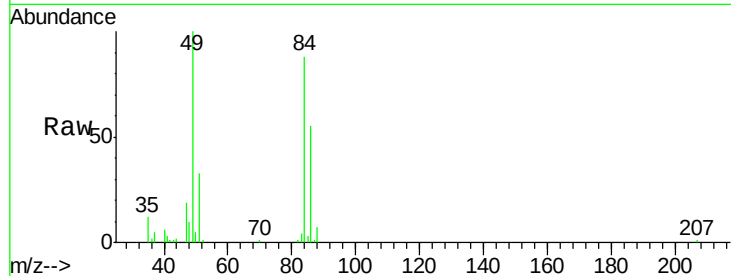
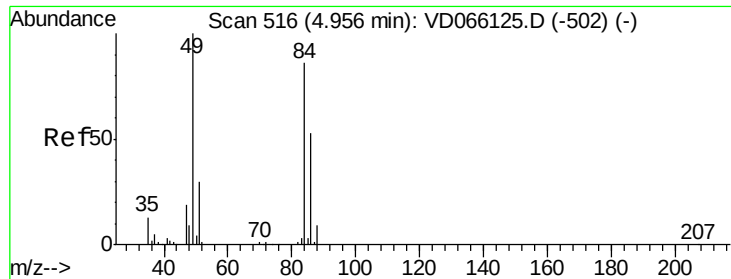
4000

2000

0

Time-->

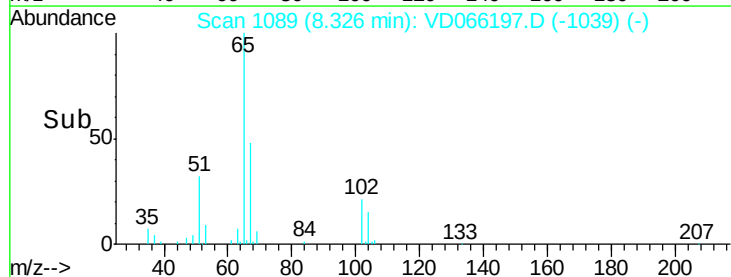
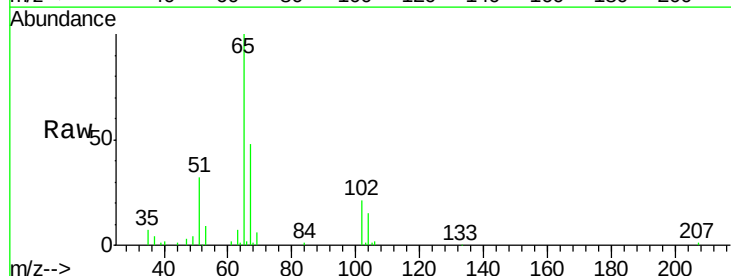
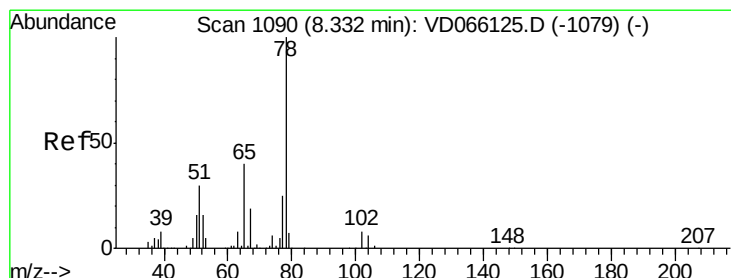
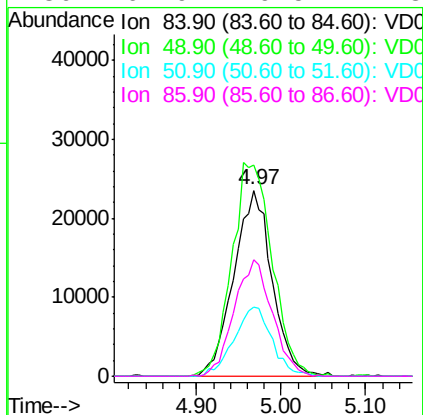




#20
Methylene Chloride
Concen: 28.873 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066197.D
Acq: 11 Aug 2020 20:08

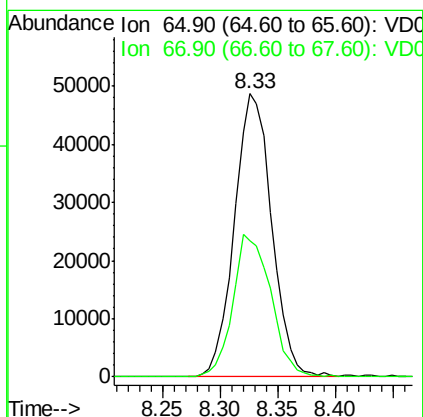
Instrument :
MSVOA_D
ClientSampleId :
CS-18

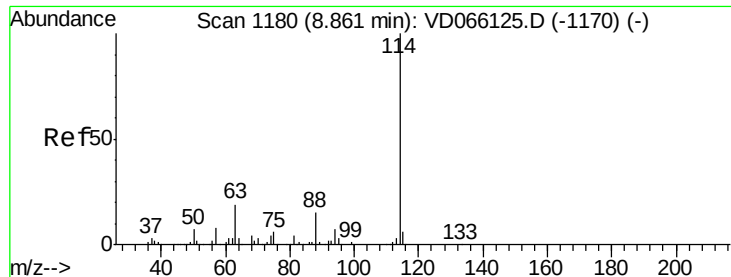
Tot Ion:	84	Resp:	73761
Ion	Ratio	Lower	Upper
84	100		
49	113.5	93.5	140.3
51	37.1	28.2	42.4
86	62.9	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 49.755 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066197.D
Acq: 11 Aug 2020 20:08

Tgt Ion:	65	Resp:	109191
Ion	Ratio	Lower	Upper
65	100		
67	51.1	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: VD066197.D

Acq: 11 Aug 2020 20:08

Instrument :

MSVOA_D

ClientSampled :

CS-18

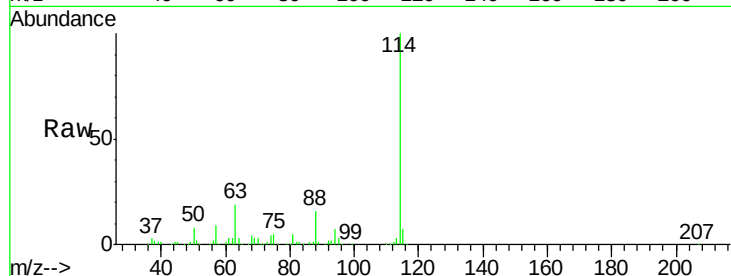
Tot Ion:114 Resp: 403681

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

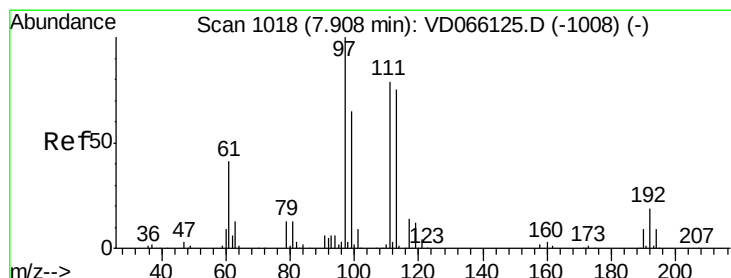
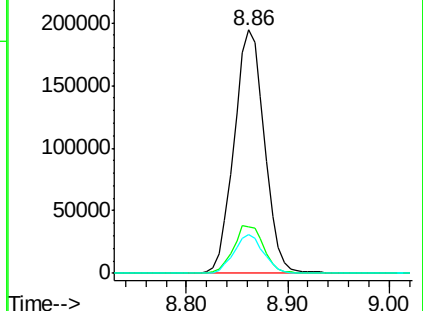
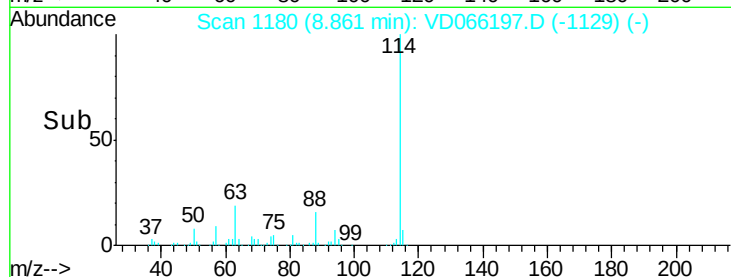
88 16.0 0.0 30.0



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: 48.979 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066197.D

Acq: 11 Aug 2020 20:08

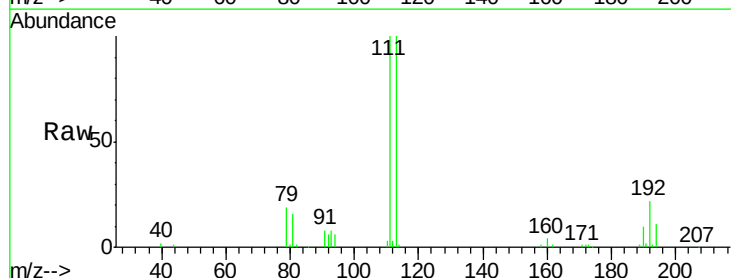
Tgt Ion:113 Resp: 125254

Ion Ratio Lower Upper

113 100

111 104.2 80.7 121.1

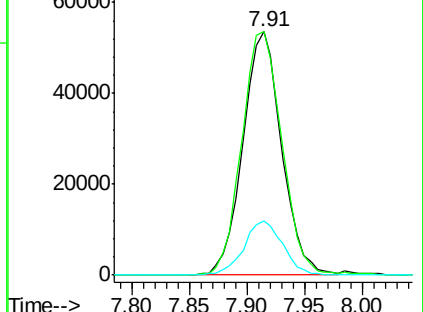
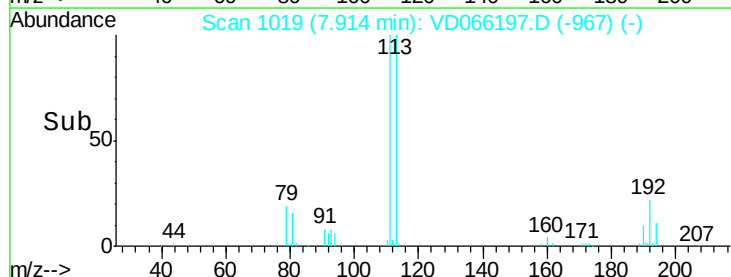
192 22.3 18.4 27.6

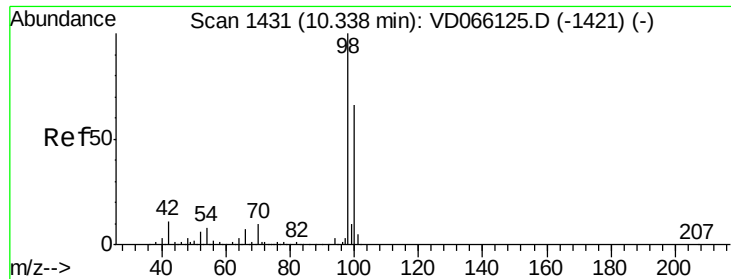


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

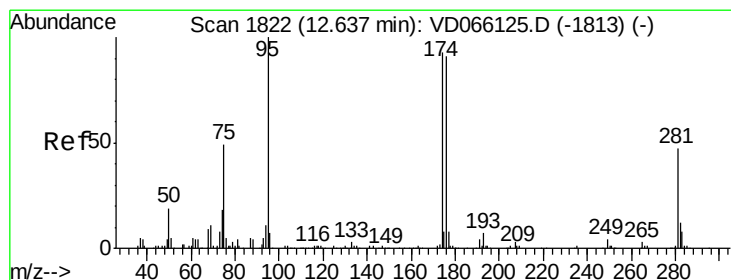
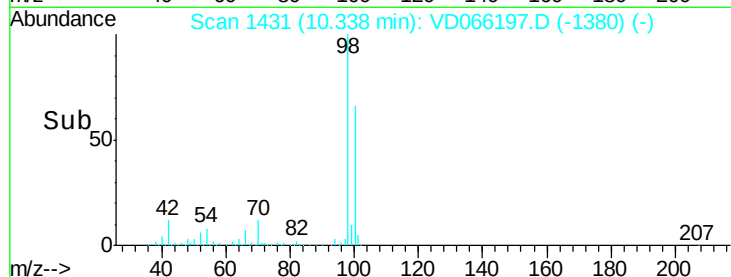
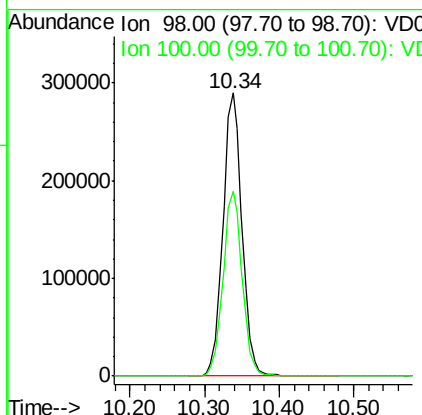
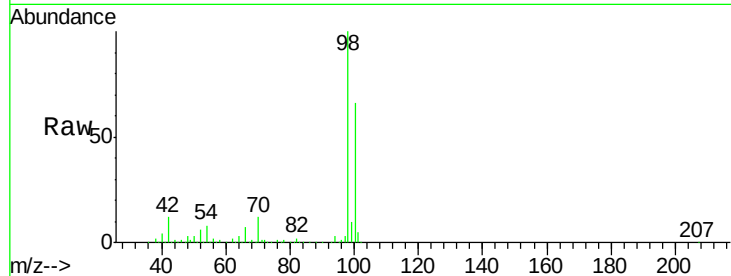




#50
Toluene-d8
Concen: 54.603 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066197.D
Acq: 11 Aug 2020 20:08

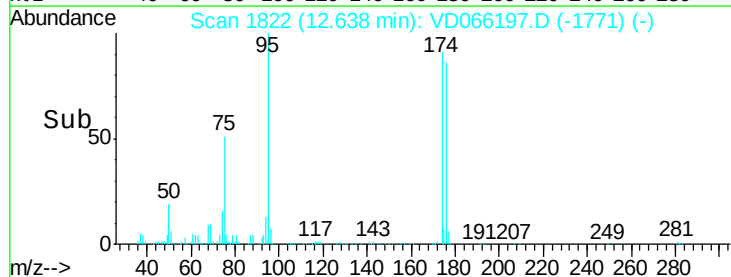
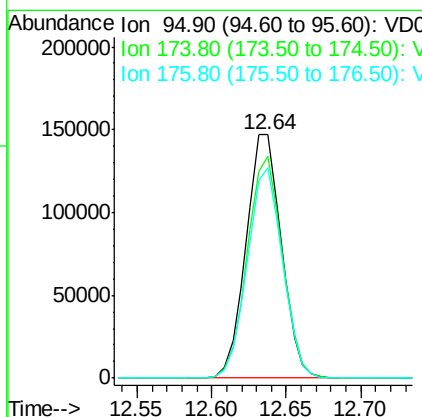
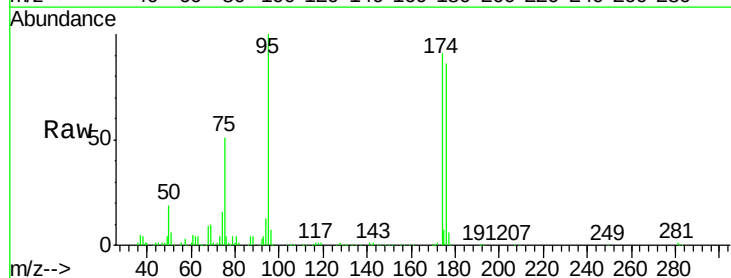
Instrument :
MSVOA_D
ClientSampleId :
CS-18

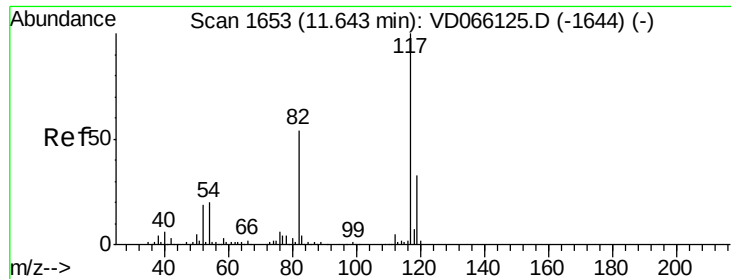
Tot Ion: 98 Resp: 515283
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 70.528 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066197.D
Acq: 11 Aug 2020 20:08

Tgt Ion: 95 Resp: 239912
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.8
176 86.1 0.0 181.2

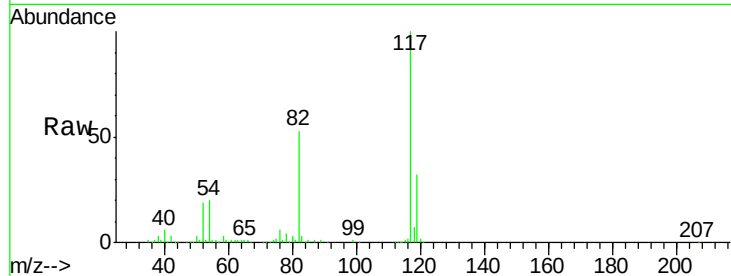




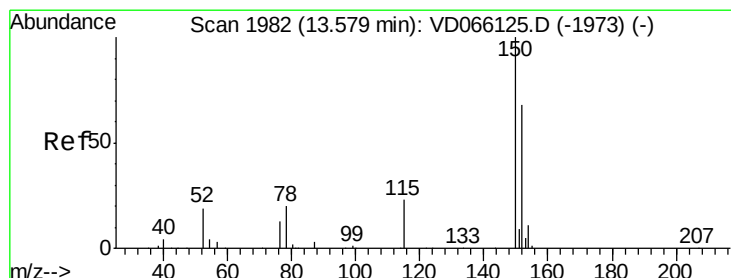
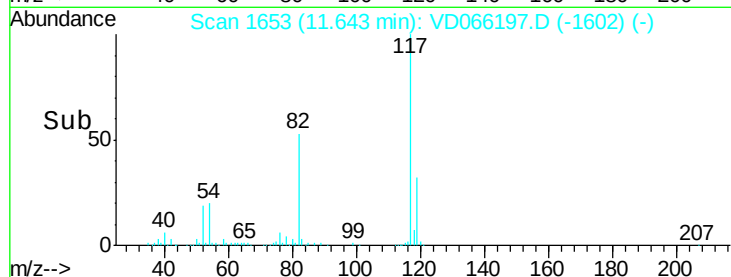
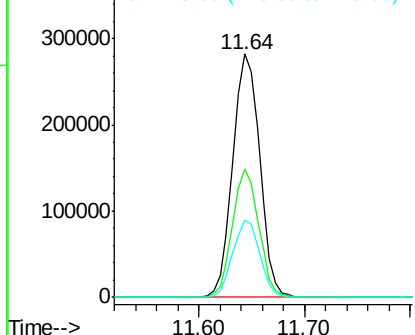
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066197.D
Acq: 11 Aug 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
CS-18

Tot Ion:117 Resp: 497554
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.5 26.1 39.1

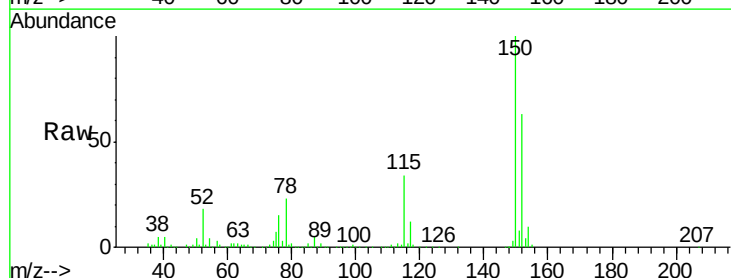


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066197.D
Acq: 11 Aug 2020 20:08

Tgt Ion:152 Resp: 278410
Ion Ratio Lower Upper
152 100
115 55.4 28.0 83.9
150 159.1 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

