

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066188.D
 Acq On : 11 Aug 2020 15:59
 Operator : VA/SY
 Sample : L3594-09
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Aug 11 21:05:20 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

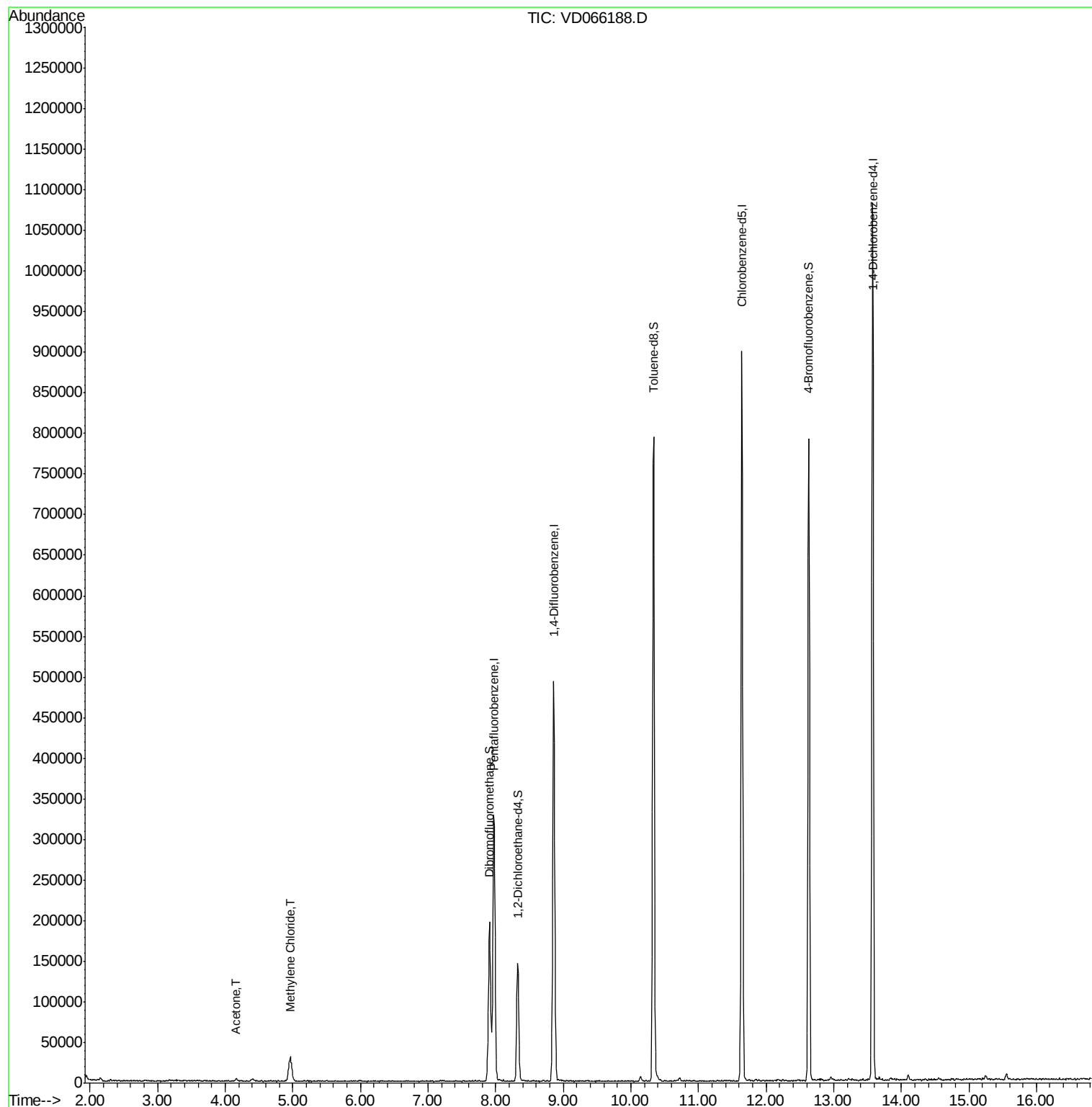
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	262550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	441273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	116443	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
35) Dibromofluoromethane	7.91	113	137425	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	10.34	98	547994	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.63	95	255358	68.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.34%	
Target Compounds						
16) Acetone	4.16	43	4935	11.104	ug/l #	80
20) Methylene Chloride	4.96	84	24492	5.438	ug/l	97

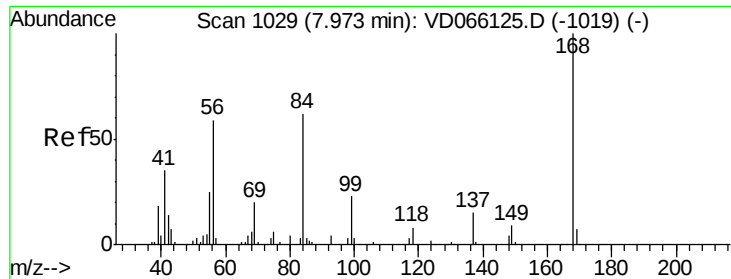
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD066188.D

Acq: 11 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

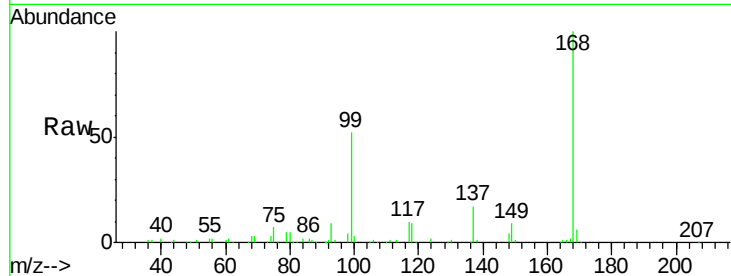
TP-3

Tot Ion:168 Resp: 262550

Ion Ratio Lower Upper

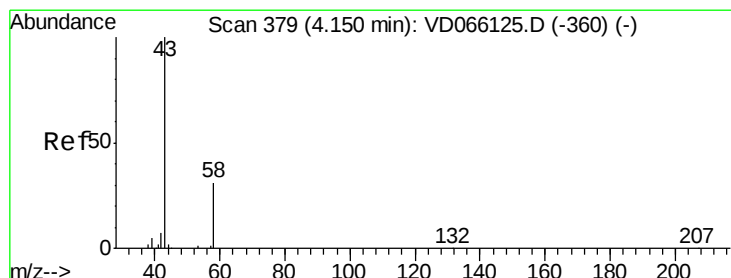
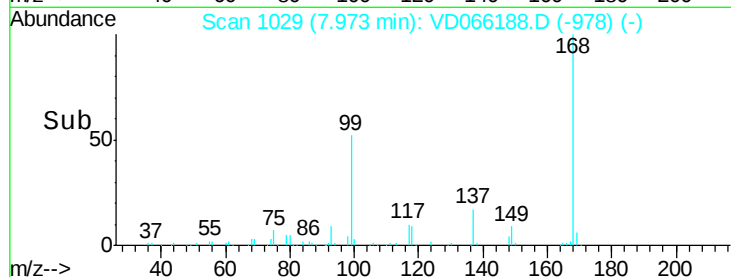
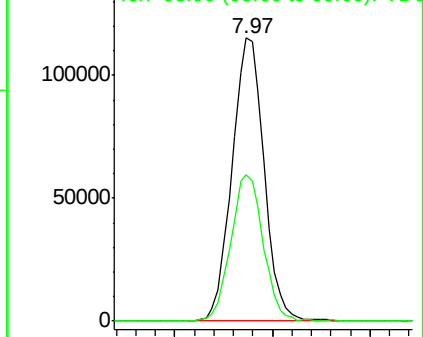
168 100

99 51.8 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: 11.104 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066188.D

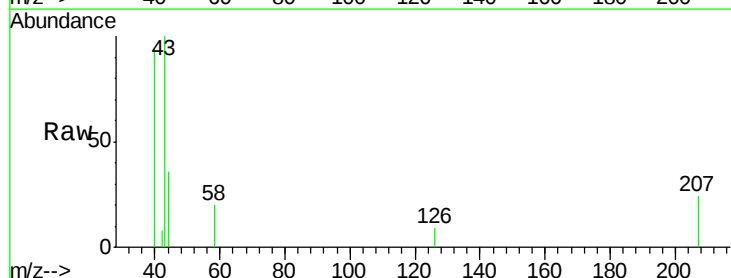
Acq: 11 Aug 2020 15:59

Tgt Ion: 43 Resp: 4935

Ion Ratio Lower Upper

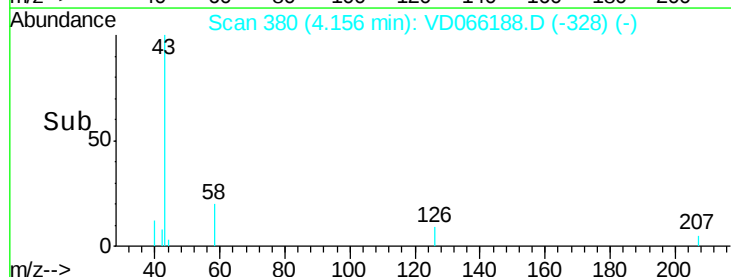
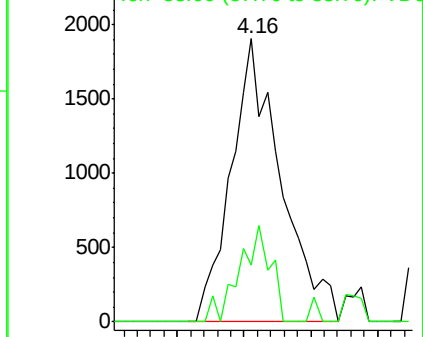
43 100

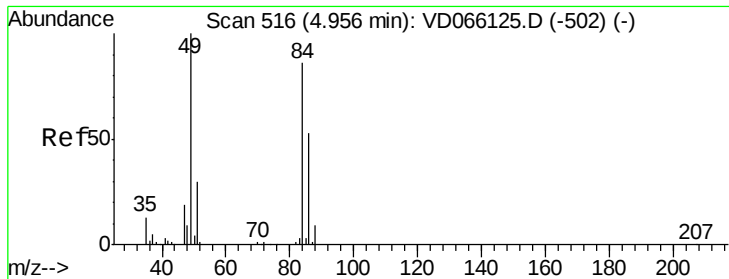
58 19.9 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

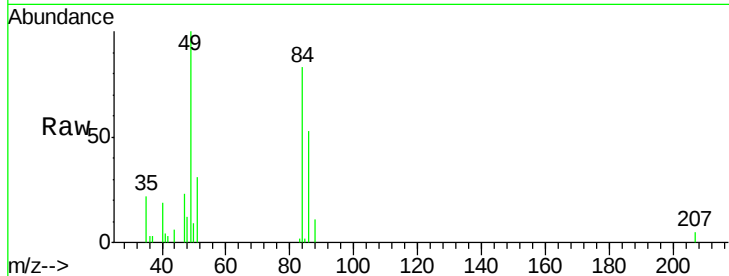




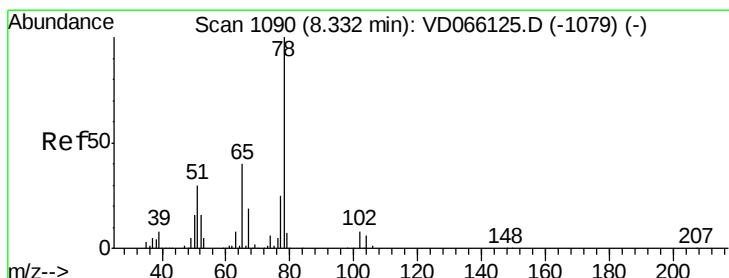
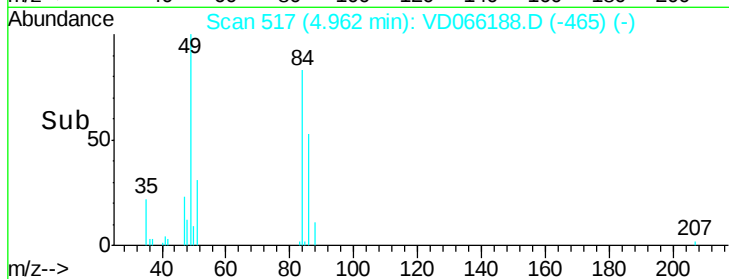
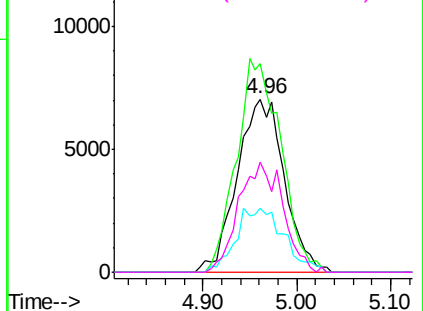
#20
Methvlene Chloride
Concen: 5.438 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066188.D
Acq: 11 Aug 2020 15:59

Instrument :
MSVOA_D
ClientSampled :
TP-3

Tot Ion: 84 Resp: 24492
Ion Ratio Lower Upper
84 100
49 120.9 93.5 140.3
51 37.3 28.2 42.4
86 63.7 49.5 74.3

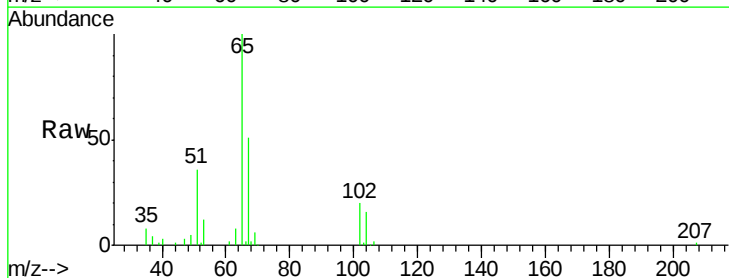


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

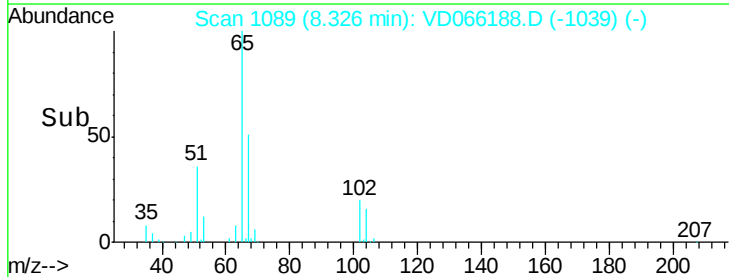
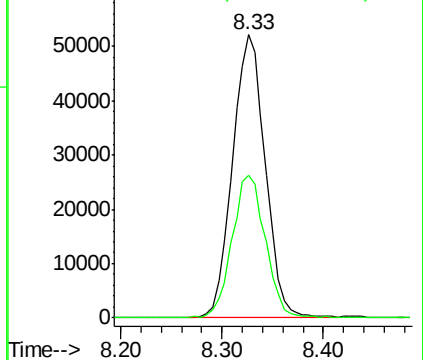


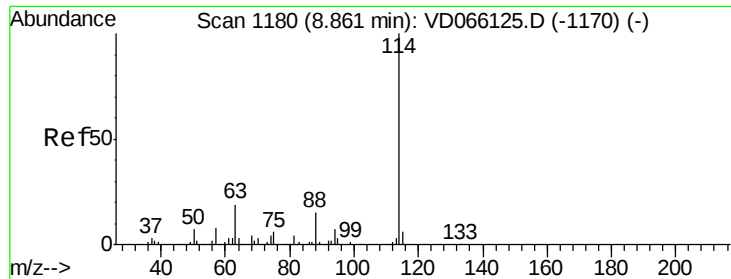
#33
1,2-Dichloroethane-d4
Concen: 49.712 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066188.D
Acq: 11 Aug 2020 15:59

Tgt Ion: 65 Resp: 116443
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

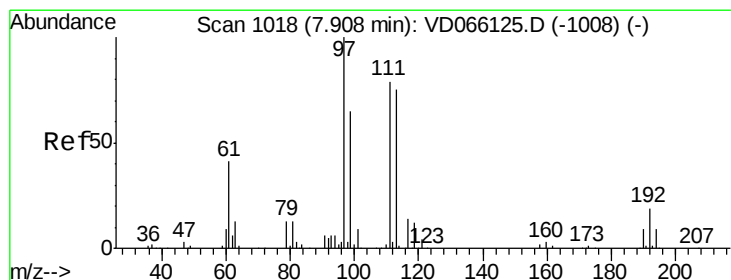
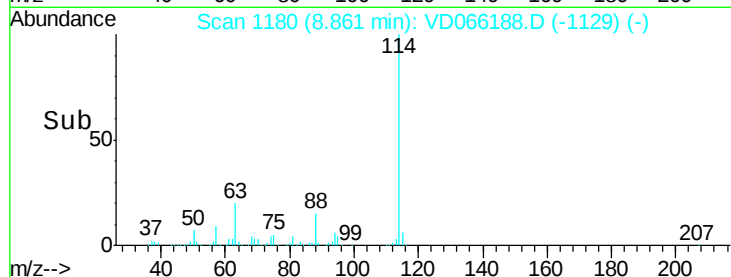
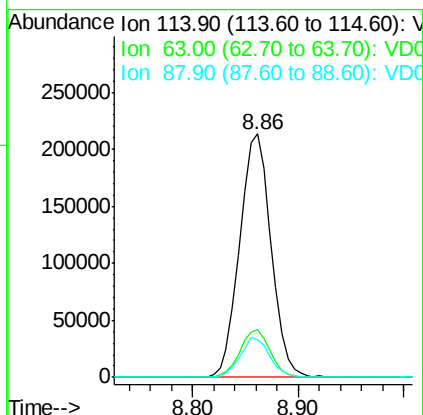
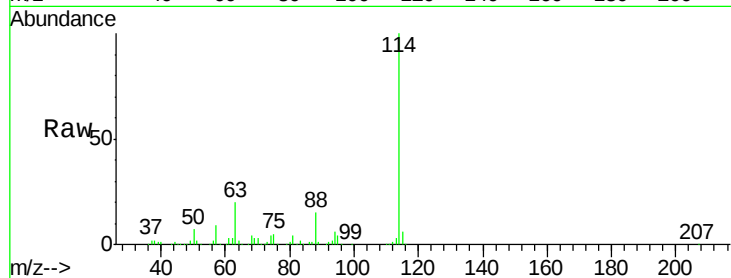




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066188.D
 Acq: 11 Aug 2020 15:59

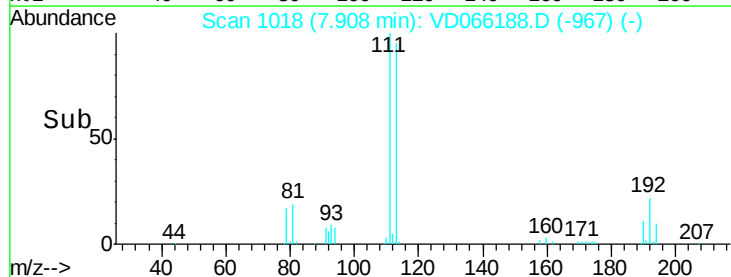
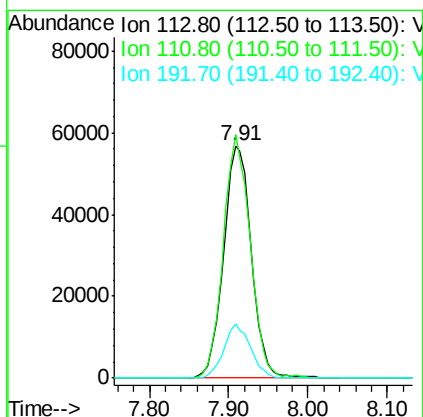
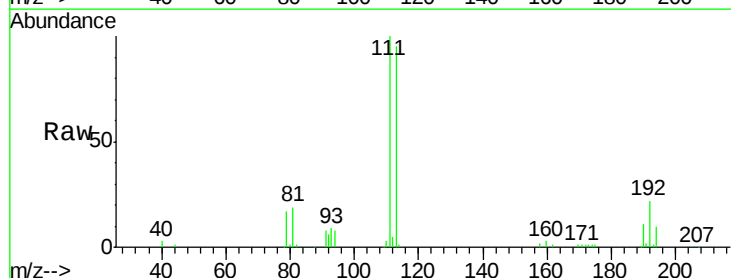
Instrument :
 MSVOA_D
 ClientSampled :
 TP-3

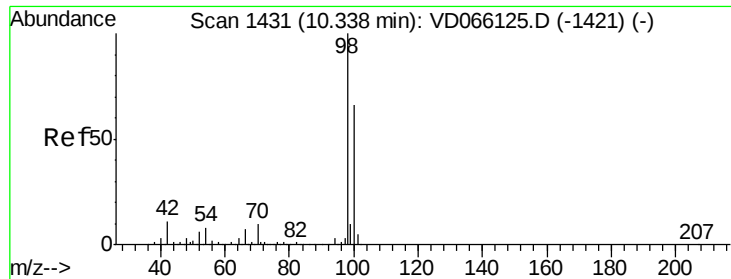
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.4	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 49.161 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066188.D
 Acq: 11 Aug 2020 15:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.7	121.1
192	22.4	18.4	27.6





#50

Toluene-d8

Concen: 53.122 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066188.D

Acq: 11 Aug 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

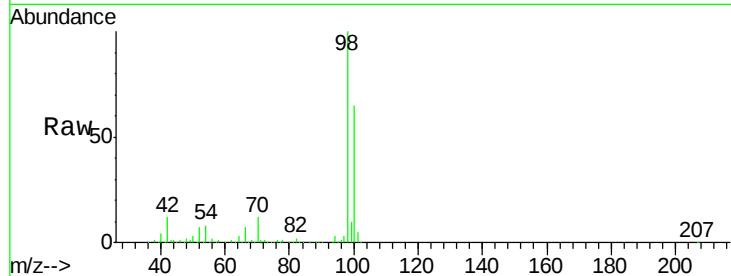
TP-3

Tot Ion: 98 Resp: 547994

Ion Ratio Lower Upper

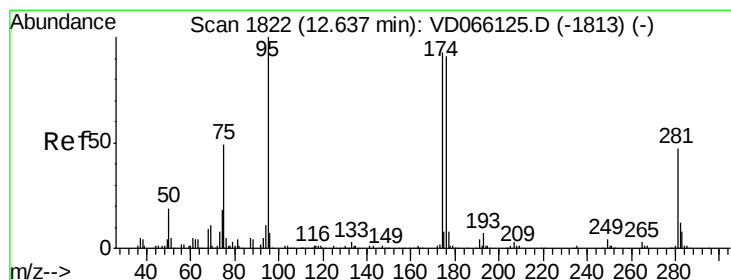
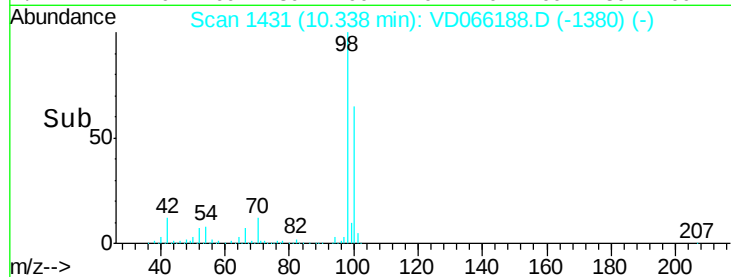
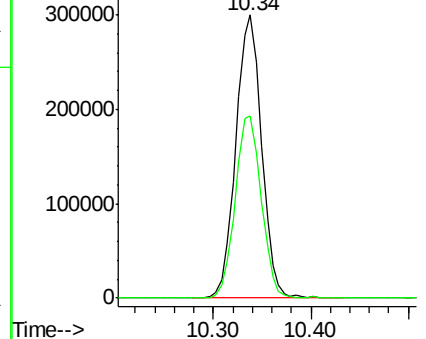
98 100

100 65.1 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: 68.674 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066188.D

Acq: 11 Aug 2020 15:59

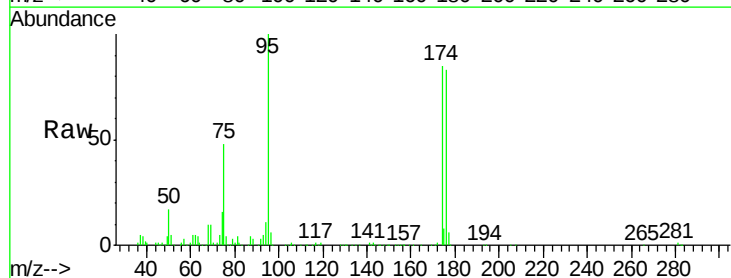
Tgt Ion: 95 Resp: 255358

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.8

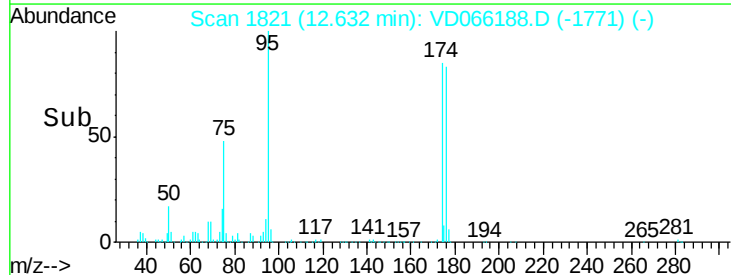
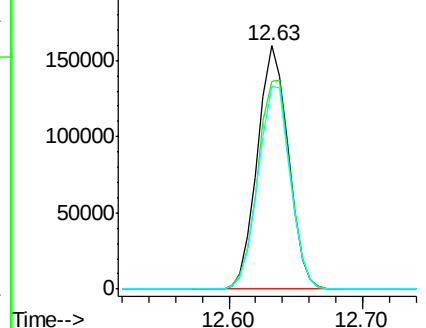
176 87.2 0.0 181.2

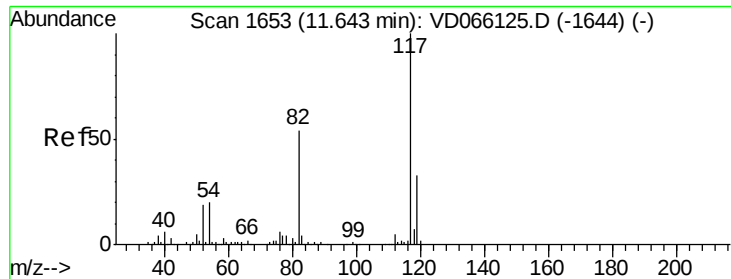


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

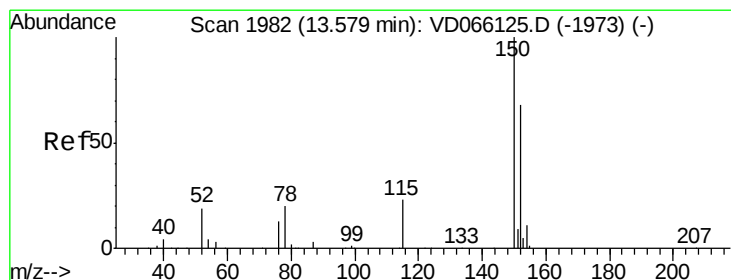
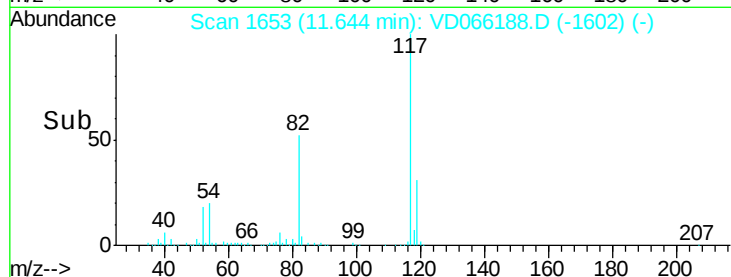
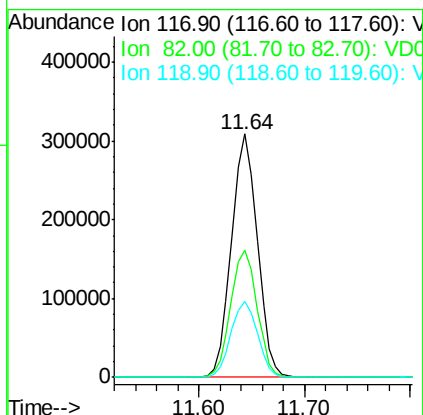
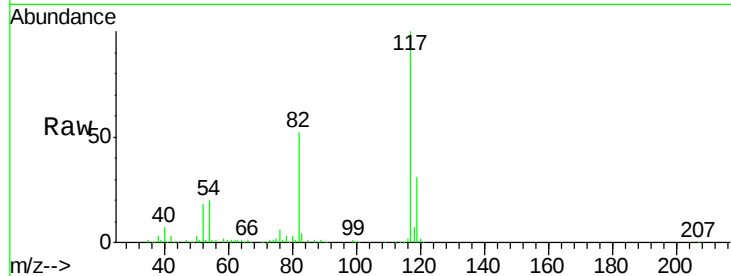




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066188.D
Acq: 11 Aug 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:117 Resp: 523489
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.1 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: VD066188.D
Acq: 11 Aug 2020 15:59

Tgt Ion:152 Resp: 291698
Ion Ratio Lower Upper
152 100
115 55.6 28.0 83.9
150 158.7 0.0 346.4

