

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066192.D
 Acq On : 11 Aug 2020 17:50
 Operator : VA/SY
 Sample : L3624-12
 Misc : 3.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-3

Quant Time: Aug 11 21:09:05 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

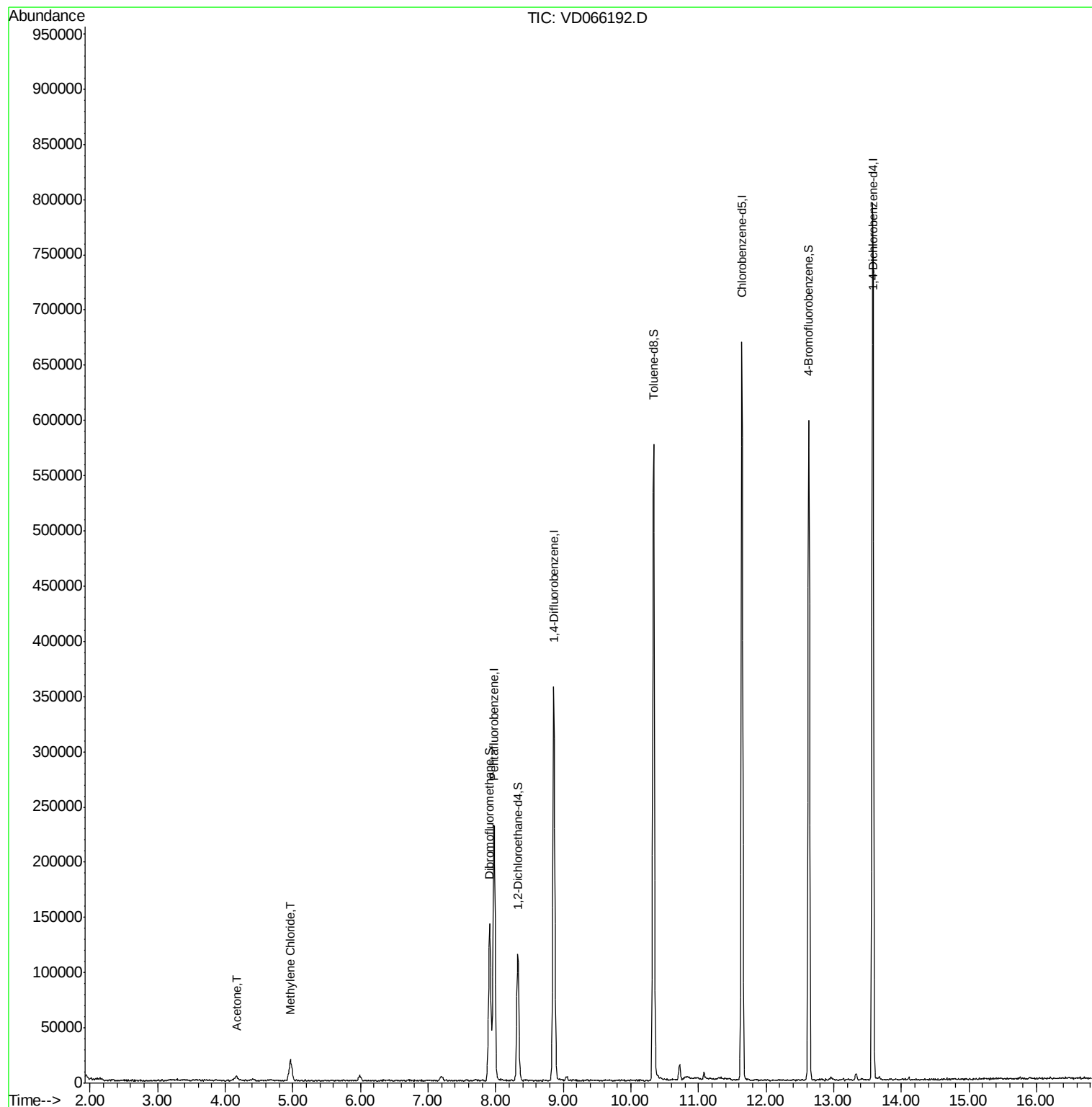
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	183834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	315029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	390370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91903	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
35) Dibromofluoromethane	7.91	113	103568	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.34	98	397270	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.63	95	189250	71.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.58%	
Target Compounds						
16) Acetone	4.16	43	8461	27.189	ug/l	96
20) Methylene Chloride	4.96	84	12979	2.865	ug/l	95

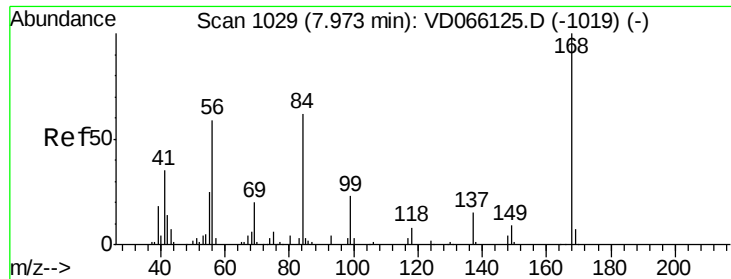
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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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: VD066192.D

Acq: 11 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

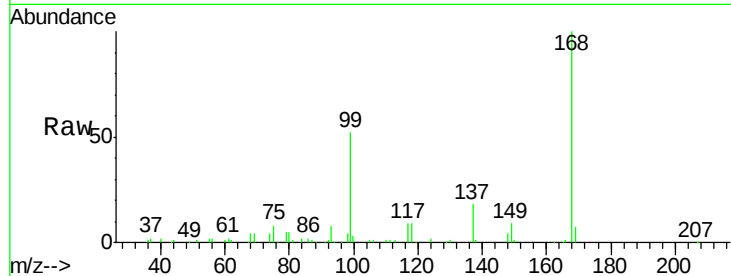
SS-TP-3

Tot Ion:168 Resp: 183834

Ion Ratio Lower Upper

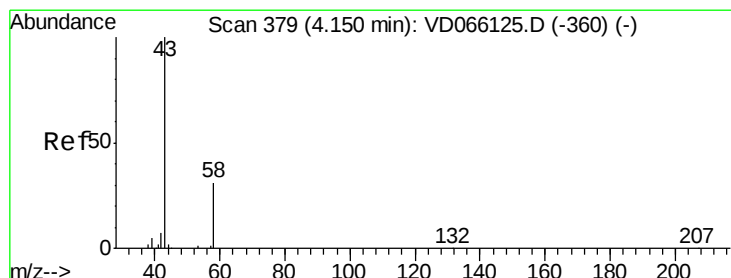
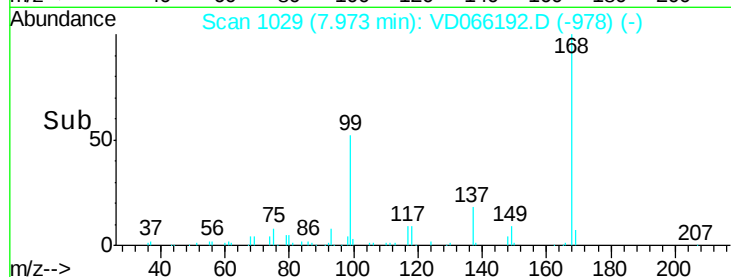
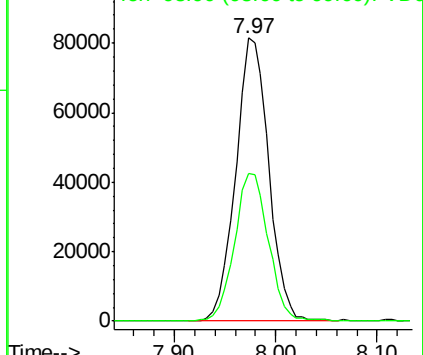
168 100

99 52.1 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: 27.189 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066192.D

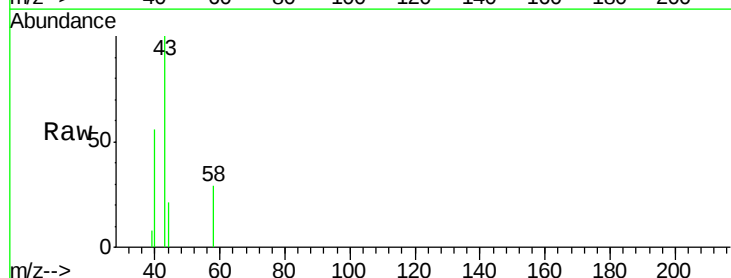
Acq: 11 Aug 2020 17:50

Tgt Ion: 43 Resp: 8461

Ion Ratio Lower Upper

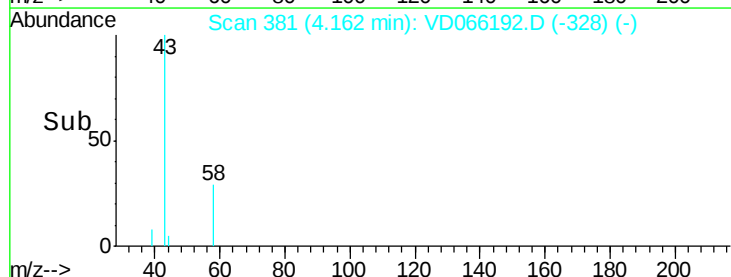
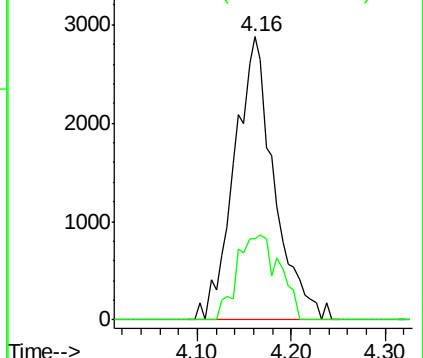
43 100

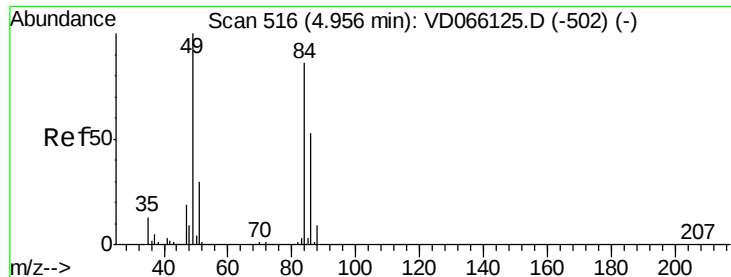
58 28.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

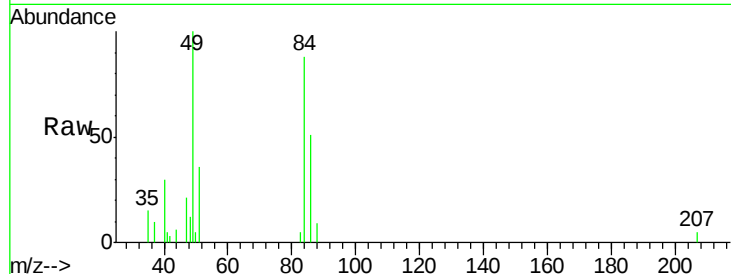




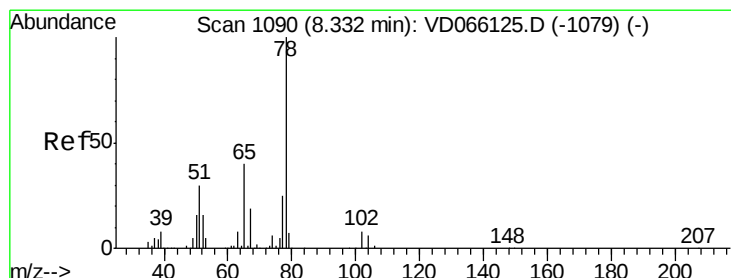
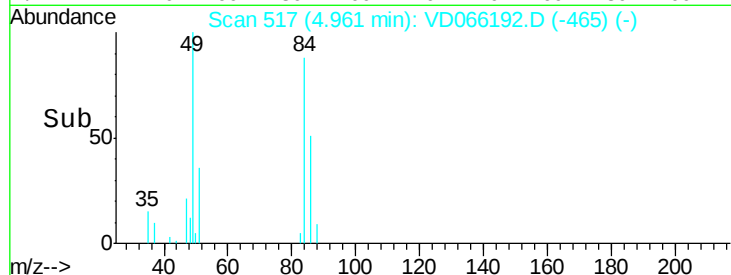
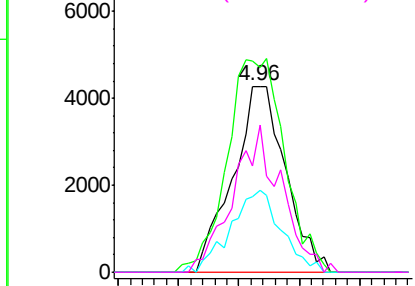
#20
Methvlene Chloride
Concen: 2.865 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066192.D
Acq: 11 Aug 2020 17:50

Instrument :
MSVOA_D
ClientSampleId :
SS-TP-3

Tot Ion: 84 Resp: 12979
Ion Ratio Lower Upper
84 100
49 113.4 93.5 140.3
51 40.5 28.2 42.4
86 57.4 49.5 74.3

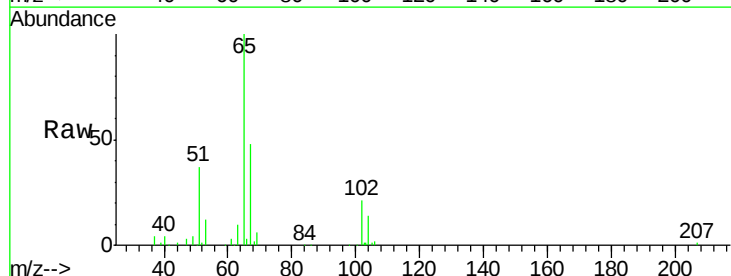


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

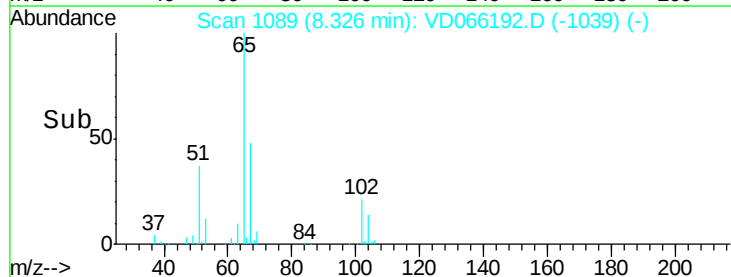
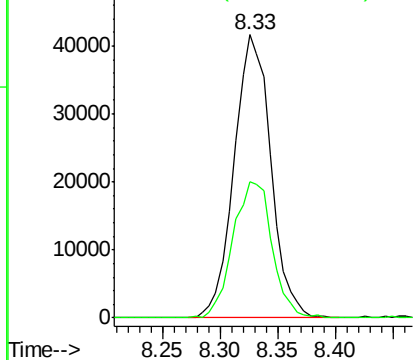


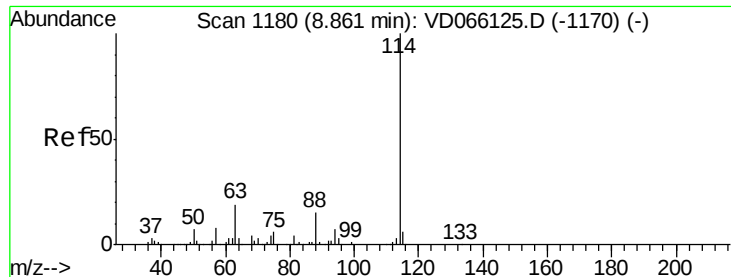
#33
1,2-Dichloroethane-d4
Concen: 56.036 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066192.D
Acq: 11 Aug 2020 17:50

Tgt Ion: 65 Resp: 91903
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

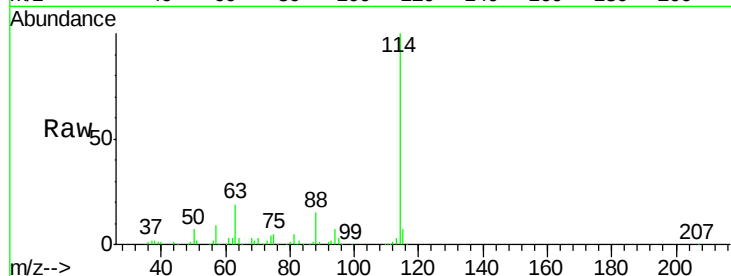




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066192.D
 Acq: 11 Aug 2020 17:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-TP-3

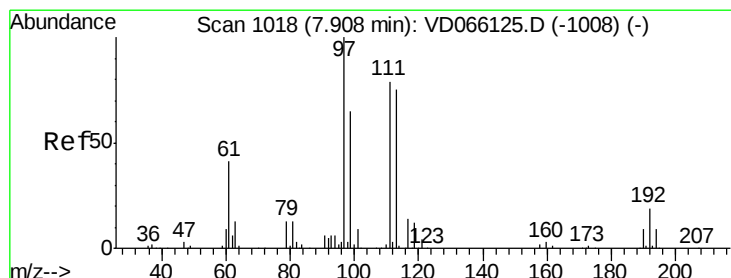
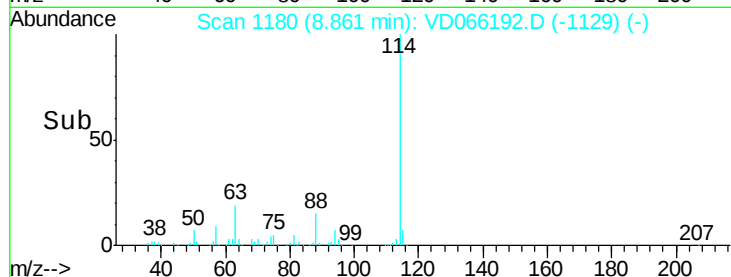
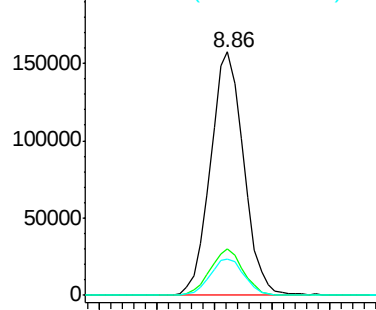
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	15.1	0.0	30.0



Abundance Ion 113.90 (113.60 to 114.60): V

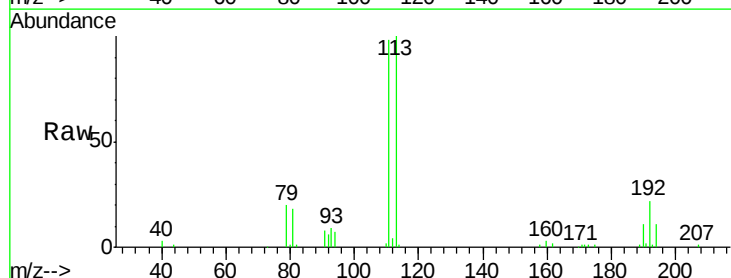
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 51.896 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066192.D
 Acq: 11 Aug 2020 17:50

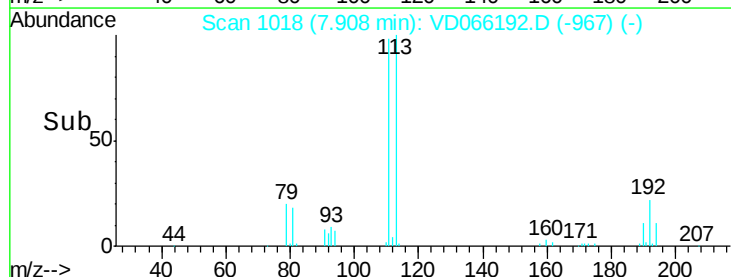
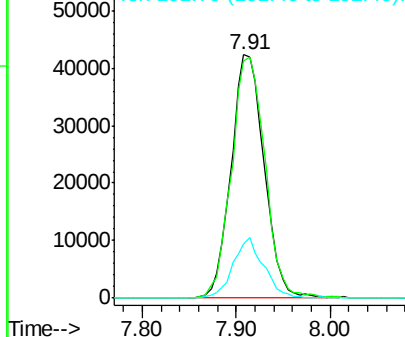
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.4	80.7	121.1
192	22.8	18.4	27.6

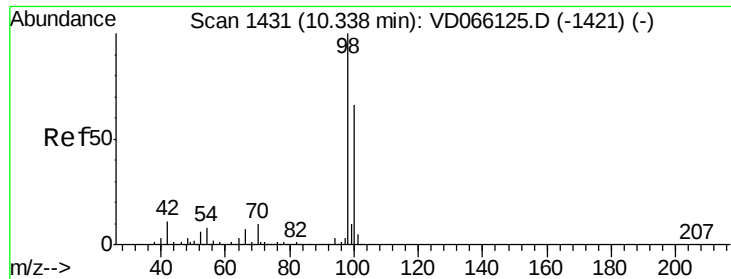


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.944 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066192.D

Acq: 11 Aug 2020 17:50

Instrument :

MSVOA_D

ClientSampleId :

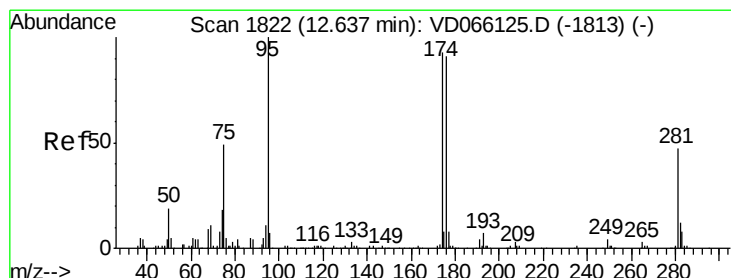
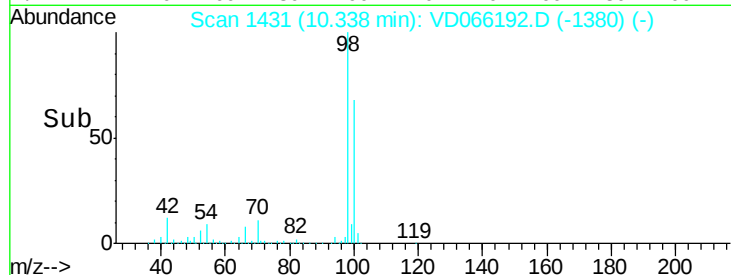
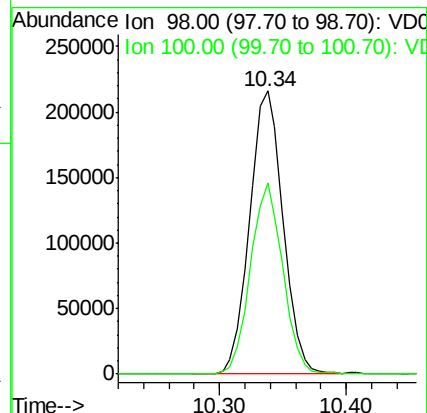
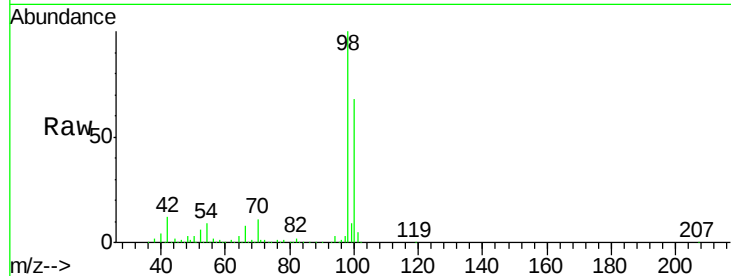
SS-TP-3

Tot Ion: 98 Resp: 397270

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 71.291 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066192.D

Acq: 11 Aug 2020 17:50

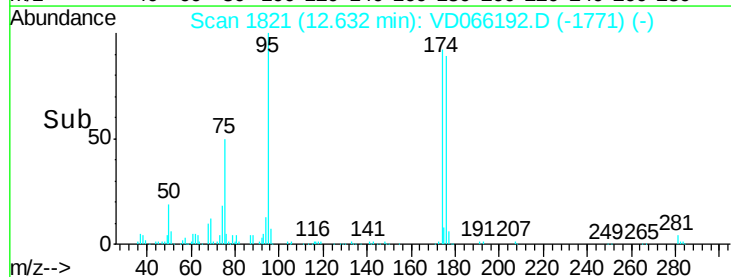
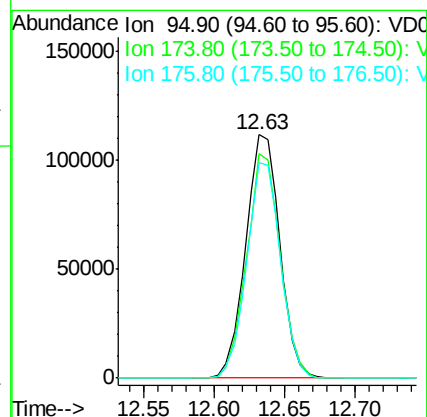
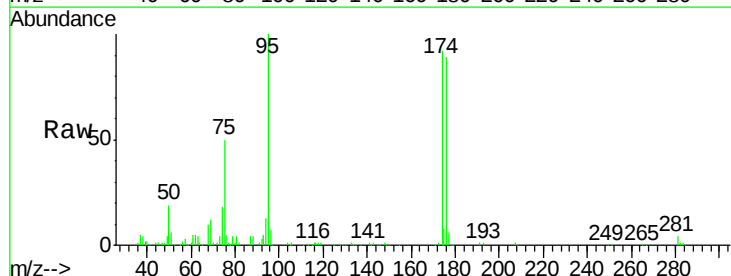
Tgt Ion: 95 Resp: 189250

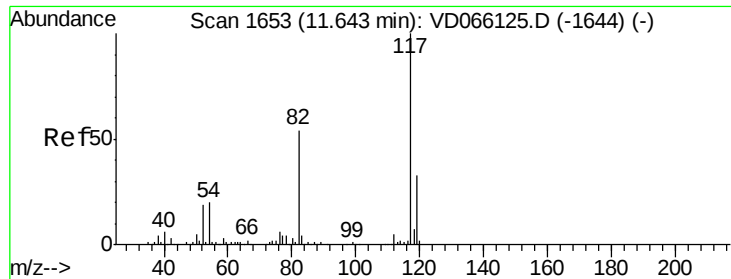
Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.8

176 87.6 0.0 181.2

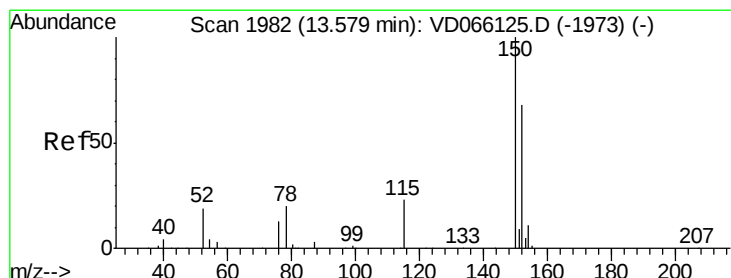
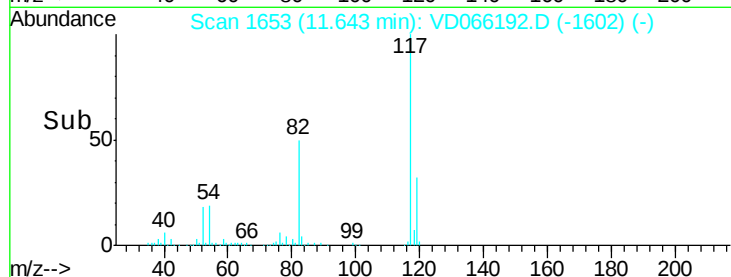
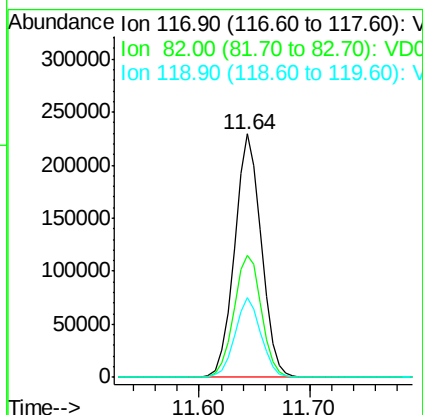
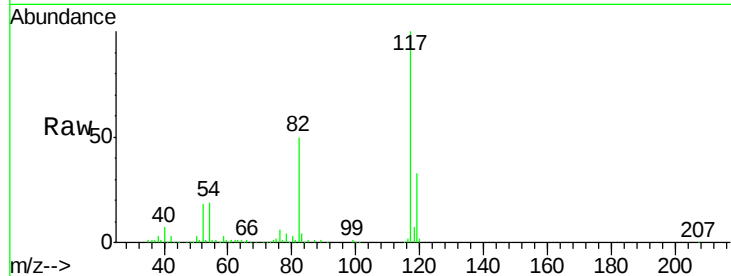




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066192.D
Acq: 11 Aug 2020 17:50

Instrument :
MSVOA_D
ClientSampleId :
SS-TP-3

Tot Ion:117 Resp: 390370
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.7 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: VD066192.D
Acq: 11 Aug 2020 17:50

Tgt Ion:152 Resp: 222521
Ion Ratio Lower Upper
152 100
115 56.2 28.0 83.9
150 156.6 0.0 346.4

