

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066302.D
 Acq On : 19 Aug 2020 04:29
 Operator : VA/SY
 Sample : L3689-01
 Misc : 7.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-4-8FT

Quant Time: Aug 19 08:37:46 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

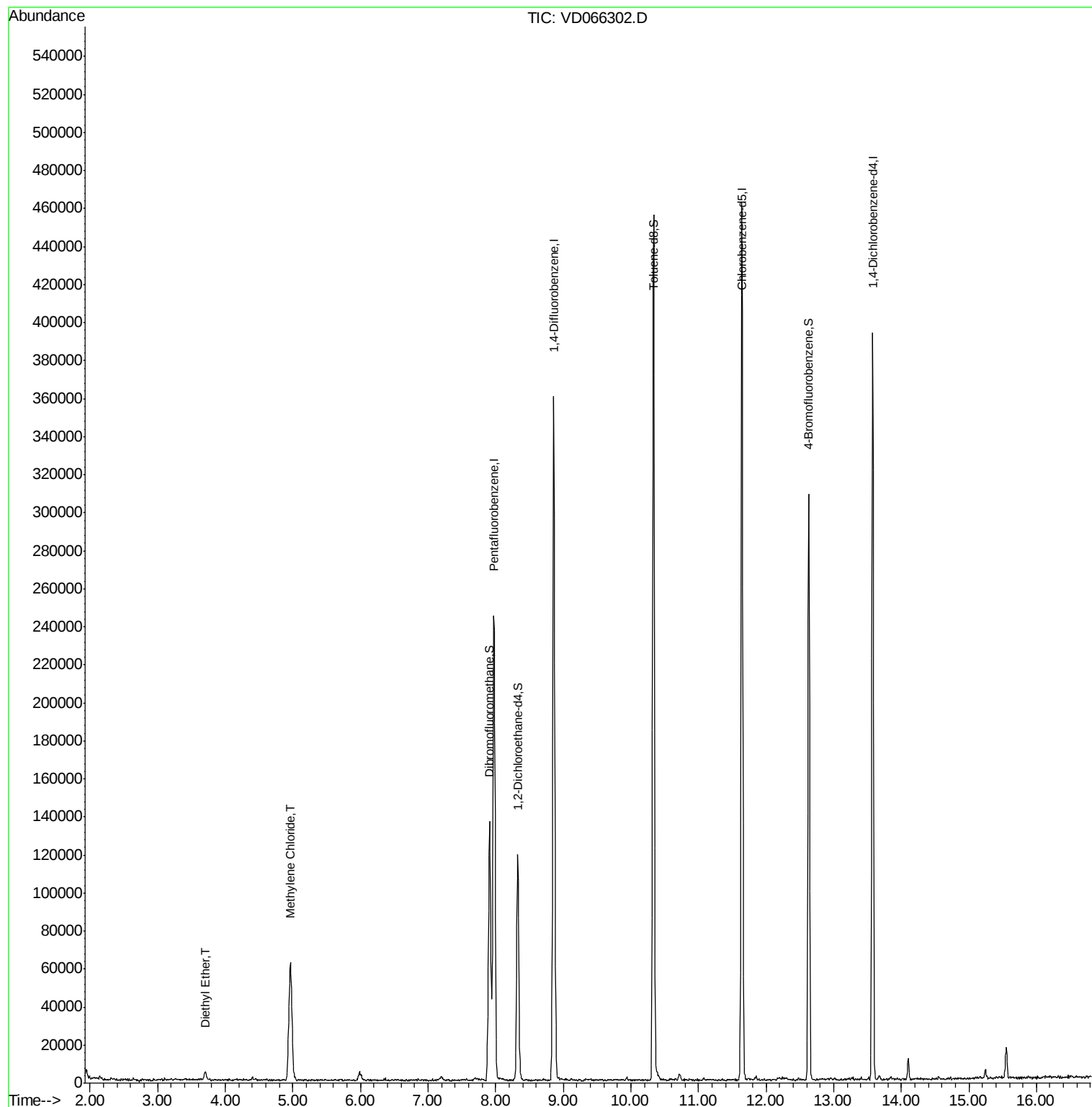
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	189357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	308055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	267048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	108868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	96216	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
35) Dibromofluoromethane	7.91	113	94133	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	10.34	98	309609	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
62) 4-Bromofluorobenzene	12.63	95	93031	35.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.68%	
Target Compounds						
8) Diethyl Ether	3.71	74	2289	2.708	ug/l	96
20) Methylene Chloride	4.96	84	50269	24.973	ug/l	93

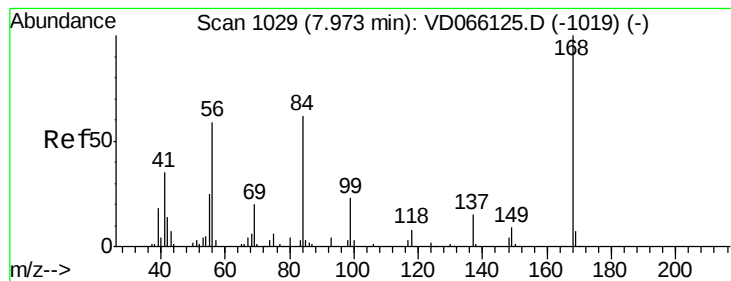
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066302.D

Acq: 19 Aug 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

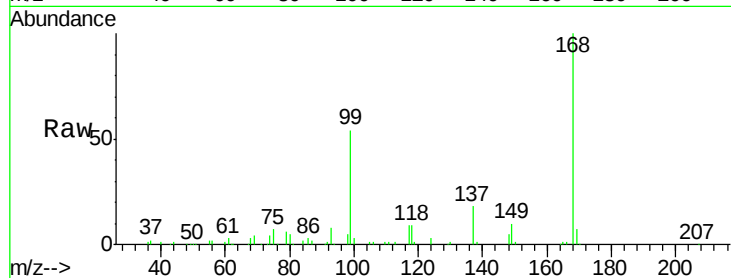
TP-1-4-8FT

Tot Ion:168 Resp: 189357

Ion Ratio Lower Upper

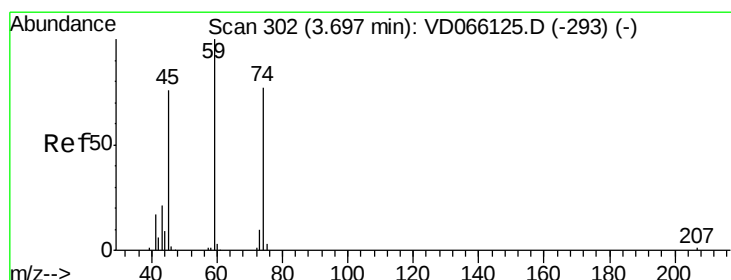
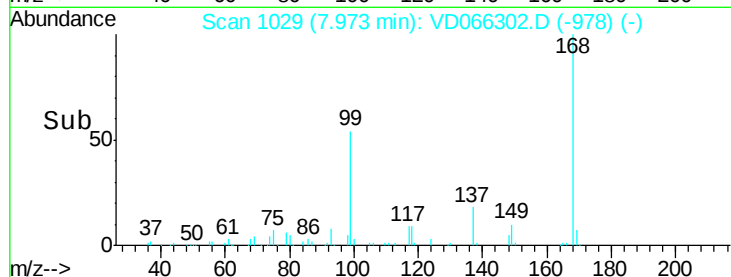
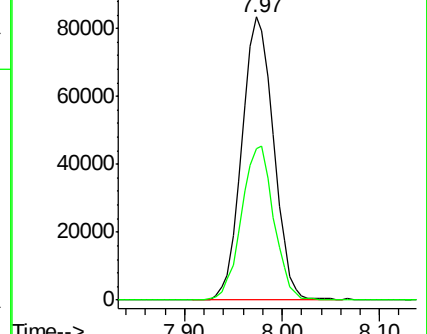
168 100

99 53.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 2.708 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD066302.D

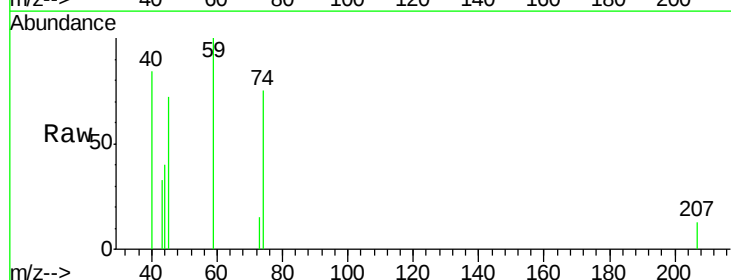
Acq: 19 Aug 2020 04:29

Tgt Ion: 74 Resp: 2289

Ion Ratio Lower Upper

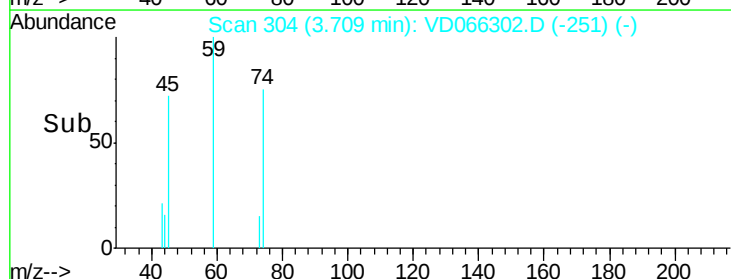
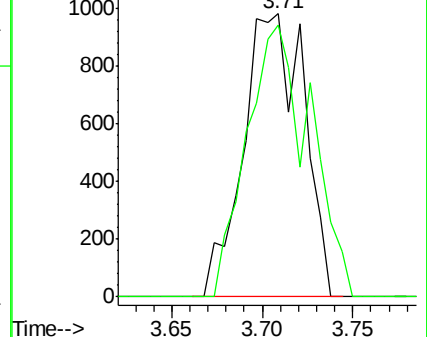
74 100

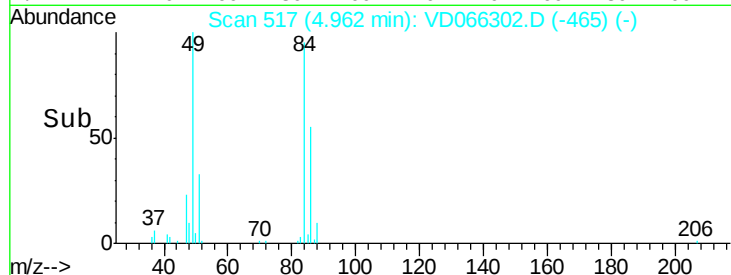
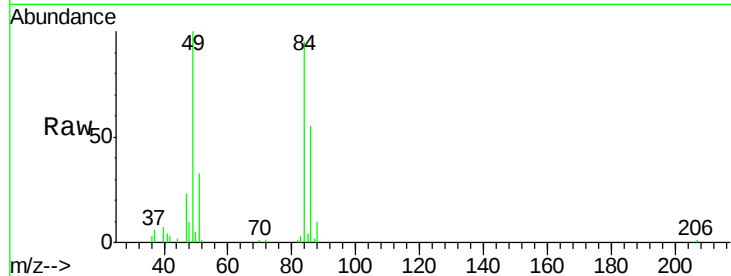
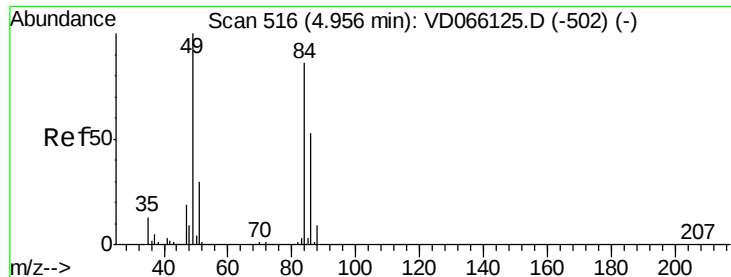
45 100.3 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

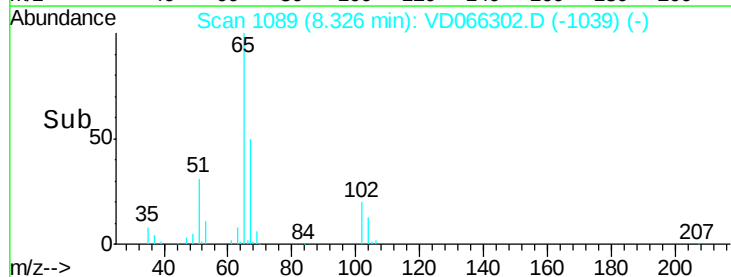
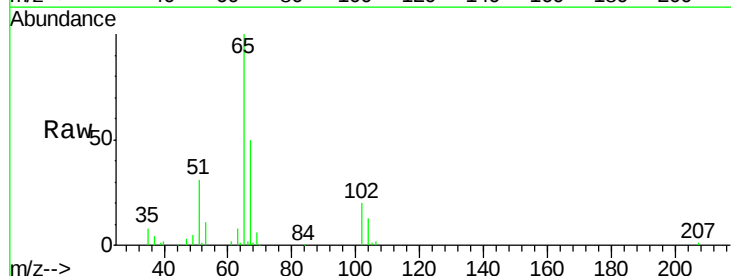
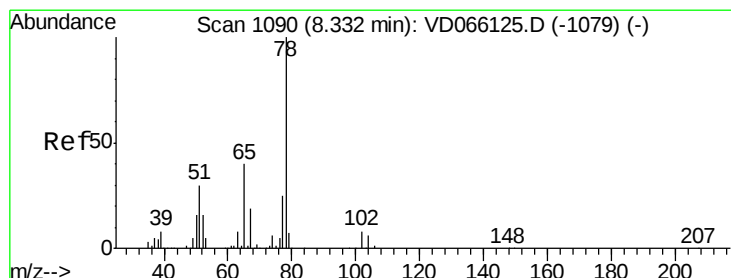
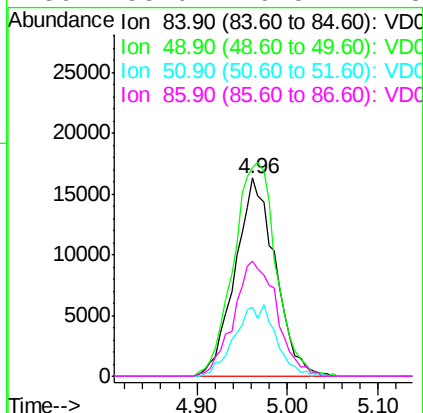




#20
Methylene Chloride
Concen: 24.973 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

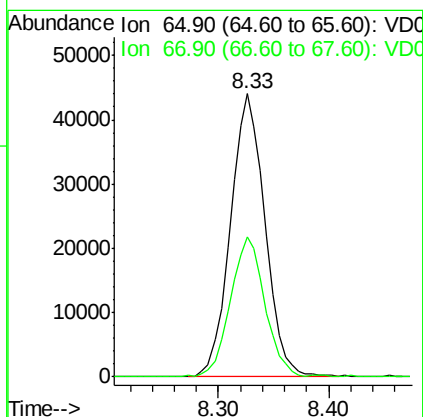
Instrument :
MSVOA_D
ClientSampleID :
TP-1-4-8FT

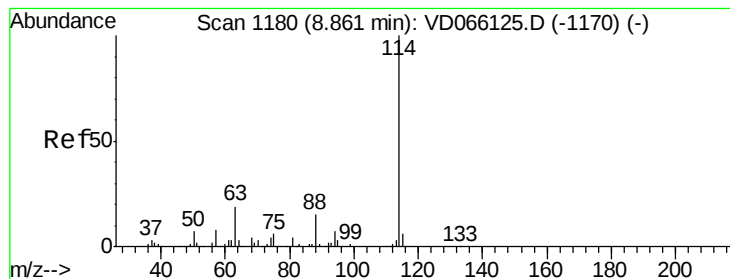
Tot Ion: 84 Resp: 50269
Ion Ratio Lower Upper
84 100
49 105.2 93.5 140.3
51 34.8 28.2 42.4
86 58.0 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 56.954 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

Tgt Ion: 65 Resp: 96216
Ion Ratio Lower Upper
65 100
67 49.5 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: VD066302.D

Acq: 19 Aug 2020 04:29

Instrument :

MSVOA_D

ClientSampleId :

TP-1-4-8FT

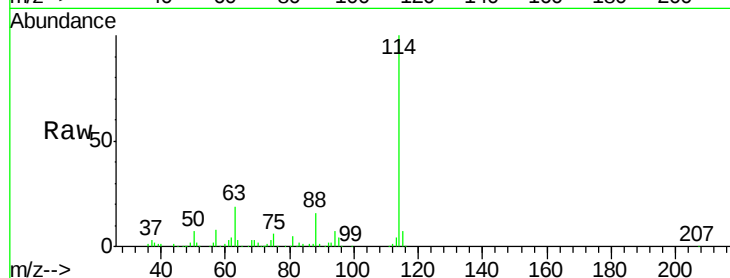
Tot Ion:114 Resp: 308055

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.6

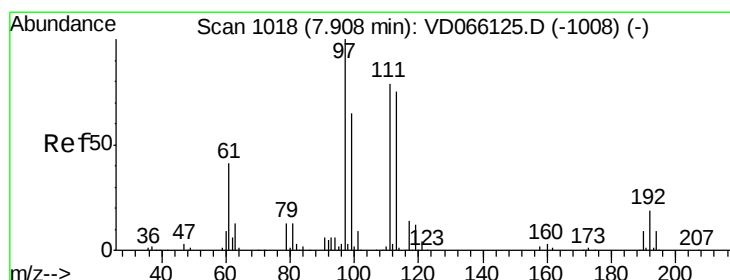
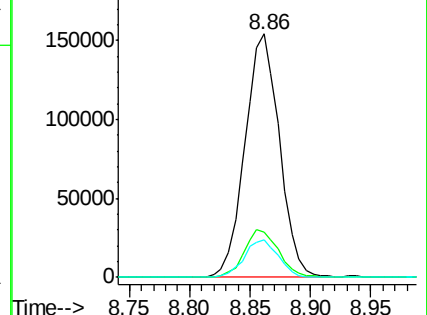
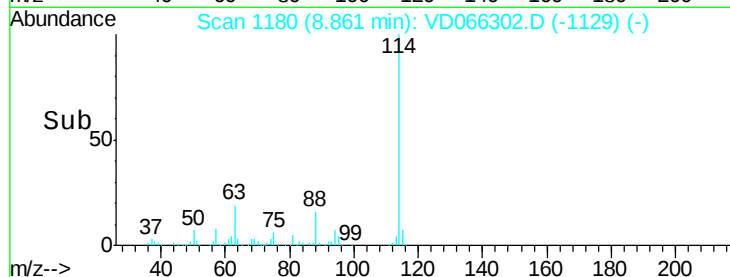
88 15.6 0.0 30.0



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: 48.236 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066302.D

Acq: 19 Aug 2020 04:29

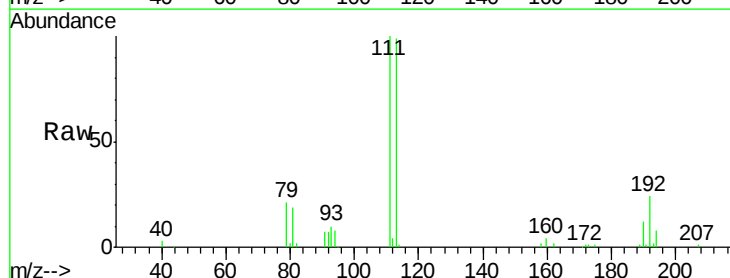
Tgt Ion:113 Resp: 94133

Ion Ratio Lower Upper

113 100

111 104.7 80.7 121.1

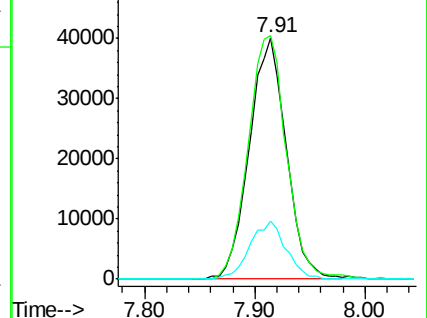
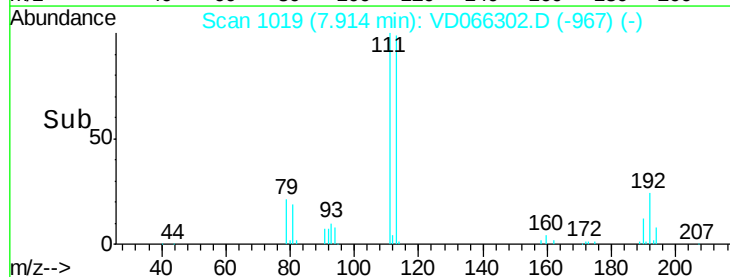
192 23.4 18.4 27.6

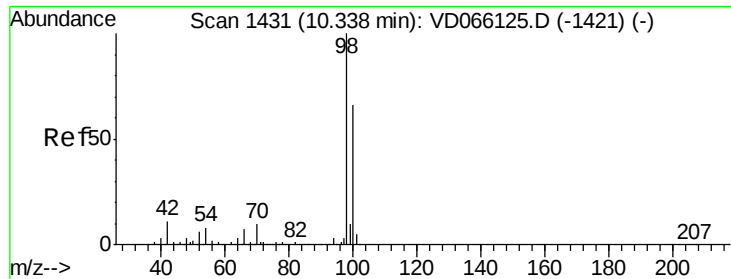


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

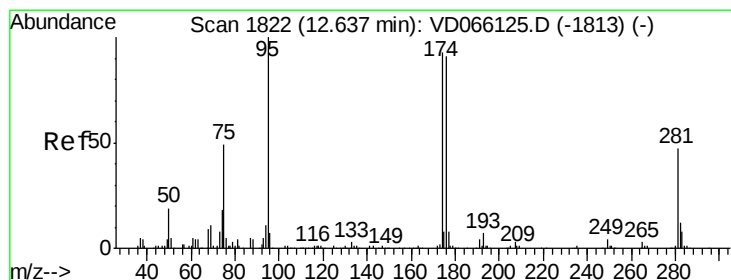
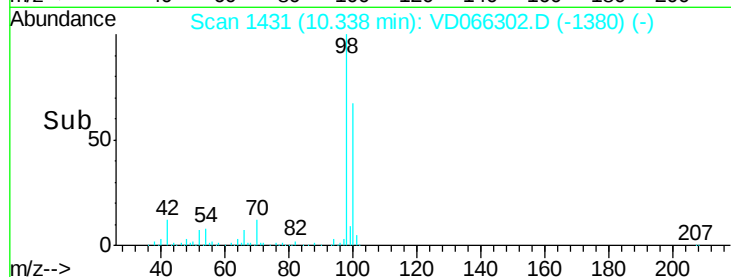
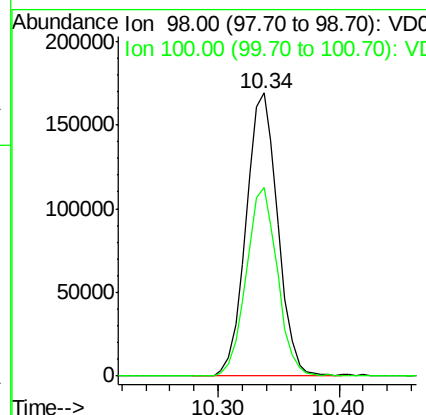
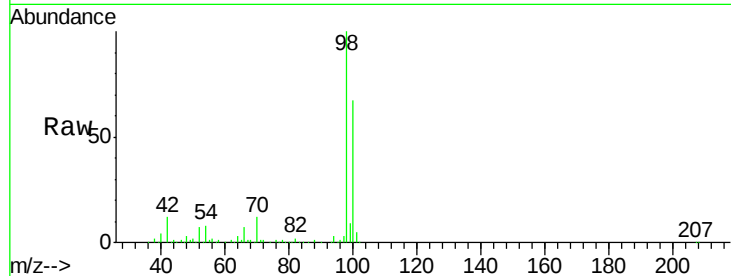




#50
Toluene-d8
Concen: 42.992 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

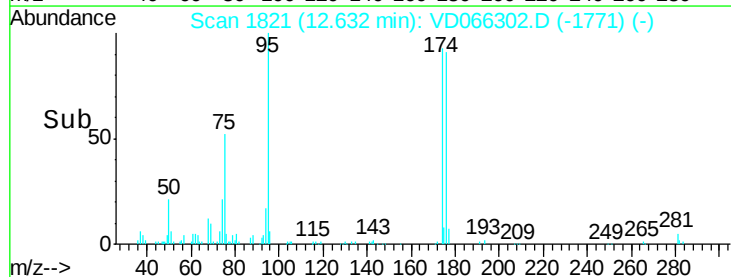
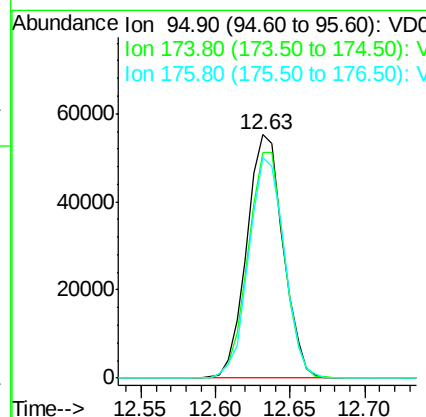
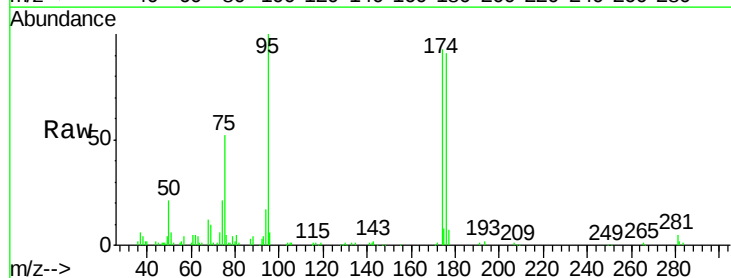
Instrument :
MSVOA_D
ClientSampleId :
TP-1-4-8FT

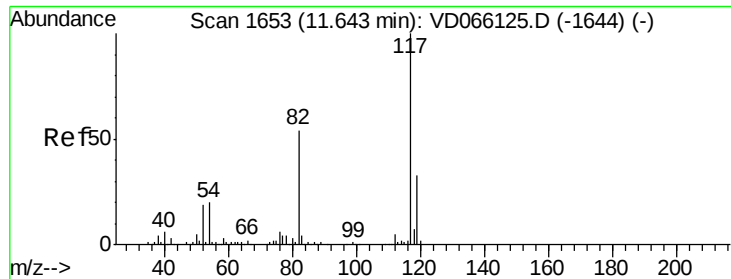
Tot Ion: 98 Resp: 309609
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 35.838 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

Tgt Ion: 95 Resp: 93031
Ion Ratio Lower Upper
95 100
174 91.9 0.0 180.8
176 88.9 0.0 181.2

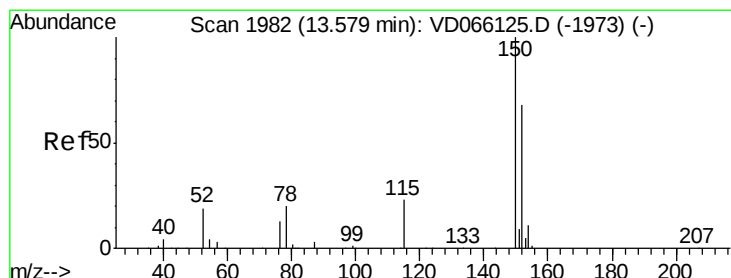
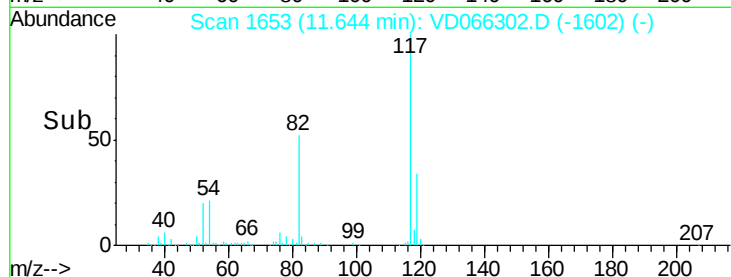
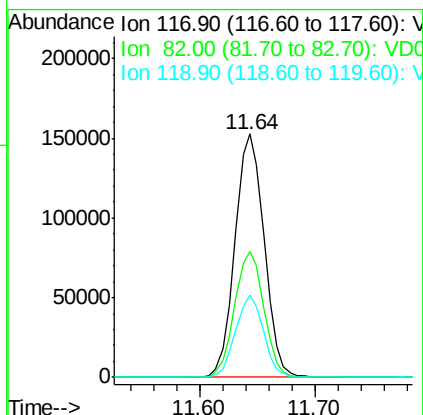
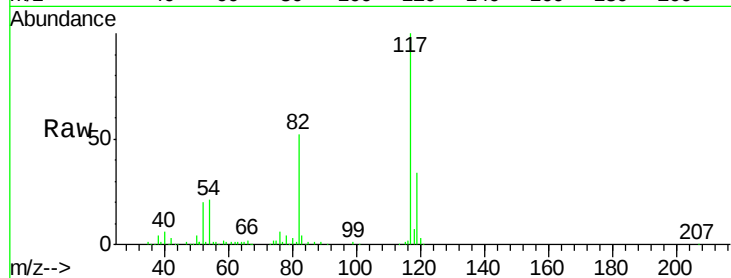




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066302.D
Acq: 19 Aug 2020 04:29

Instrument :
MSVOA_D
ClientSampleId :
TP-1-4-8FT

Tot Ion:117 Resp: 267048
Ion Ratio Lower Upper
117 100
82 51.6 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: VD066302.D
Acq: 19 Aug 2020 04:29

Tgt Ion:152 Resp: 108868
Ion Ratio Lower Upper
152 100
115 54.5 28.0 83.9
150 151.6 0.0 346.4

