

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066220.D
 Acq On : 13 Aug 2020 19:46
 Operator : VA/SY
 Sample : L3660-01
 Misc : 7.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-57

Quant Time: Aug 14 03:48:46 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

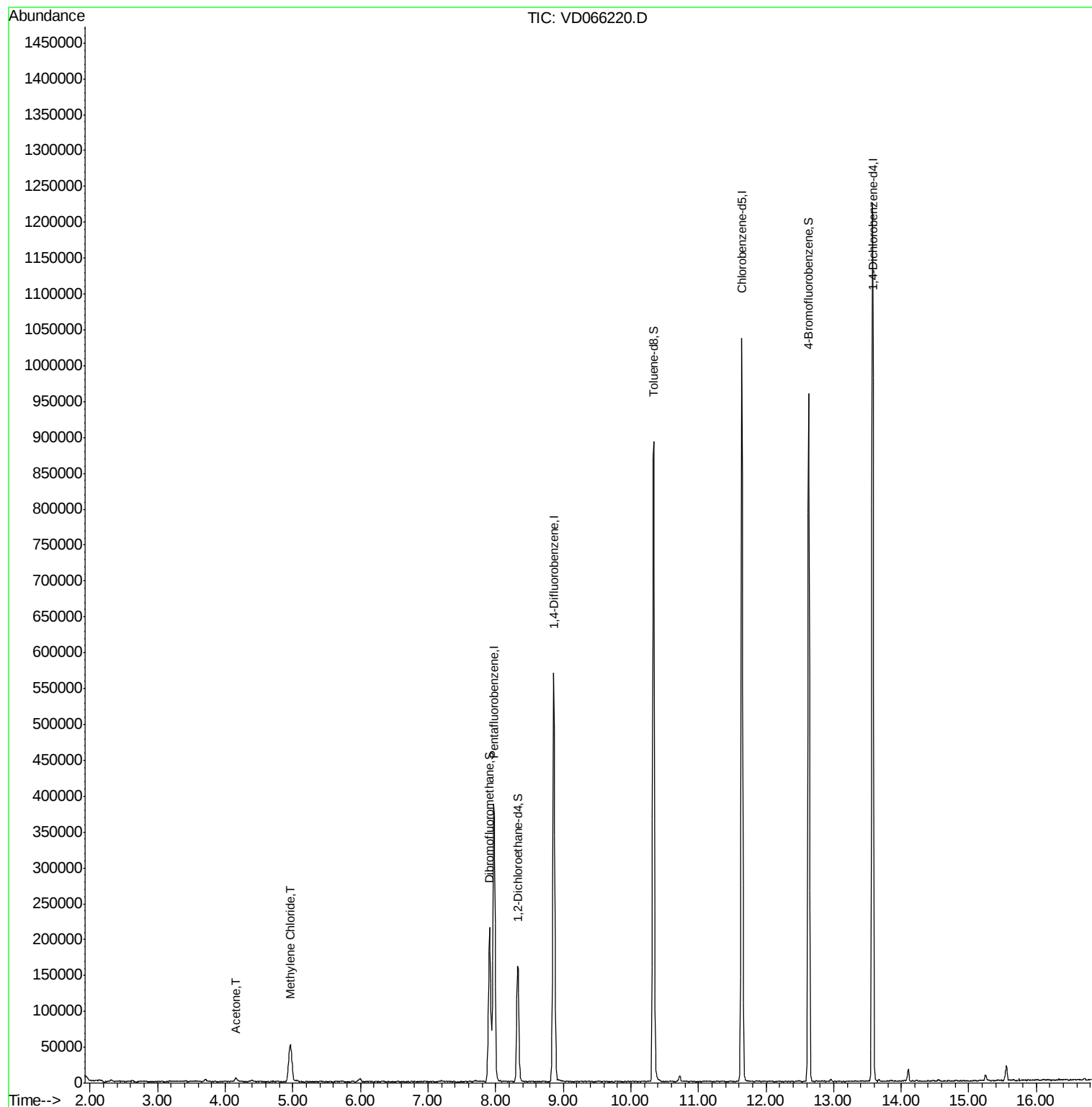
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	311144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	497066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	606089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	132417	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	7.91	113	153474	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.34	98	612305	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.63	95	296736	70.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.68%	
Target Compounds						
16) Acetone	4.16	43	8714	16.544	ug/l #	87
20) Methylene Chloride	4.96	84	43263	10.630	ug/l #	85

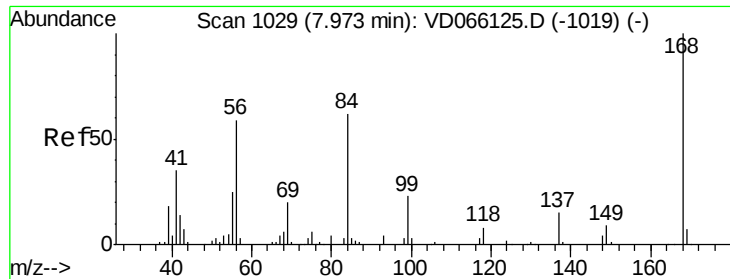
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066220.D

Acq: 13 Aug 2020 19:46

Instrument :

MSVOA_D

ClientSampleId :

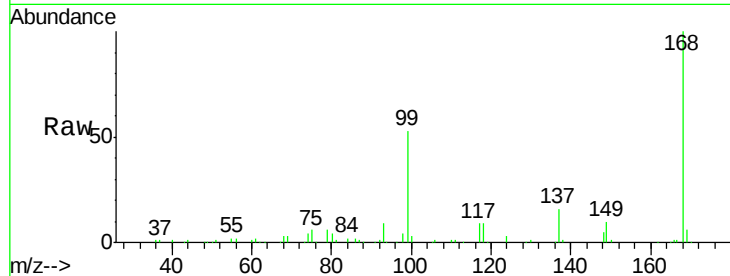
RBR-57

Tot Ion:168 Resp: 311144

Ion Ratio Lower Upper

168 100

99 52.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

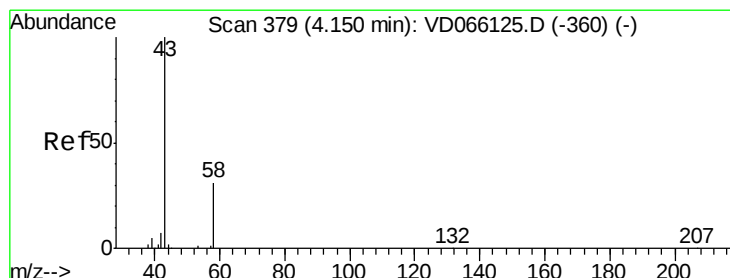
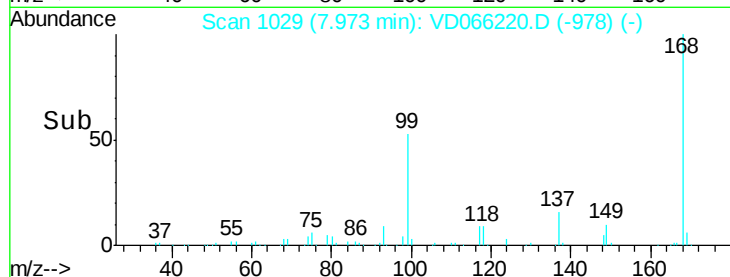
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 16.544 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066220.D

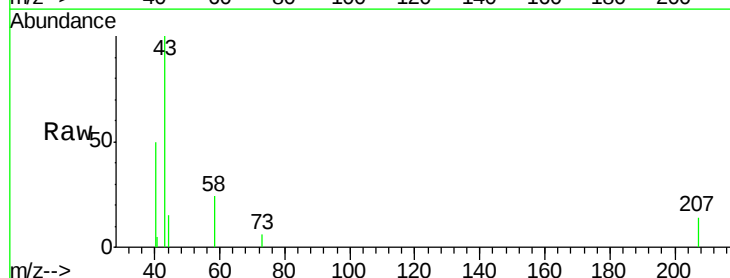
Acq: 13 Aug 2020 19:46

Tgt Ion: 43 Resp: 8714

Ion Ratio Lower Upper

43 100

58 23.7 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

3000

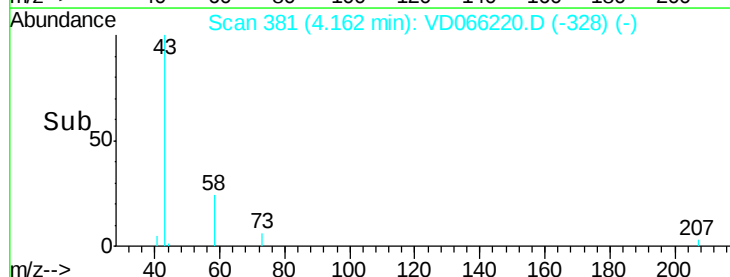
2000

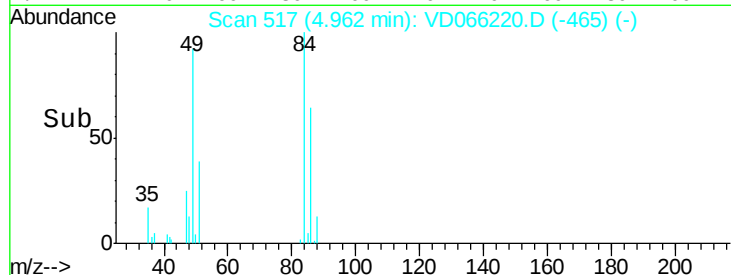
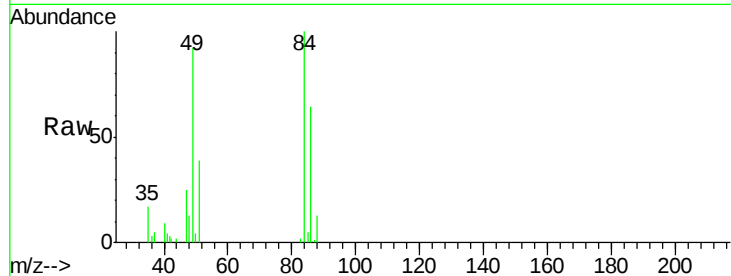
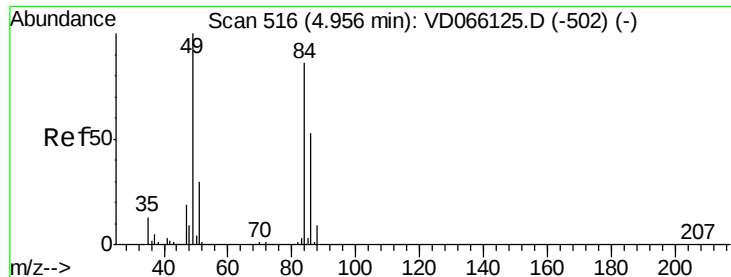
1000

0

Time-->

4.10 4.20

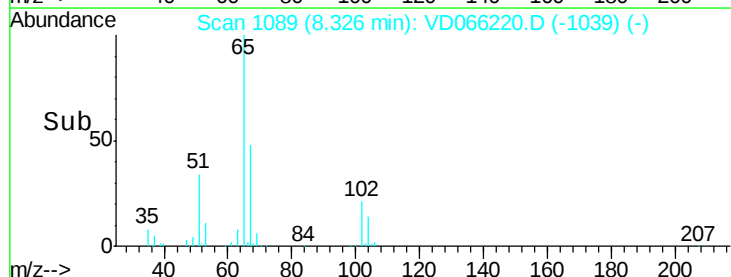
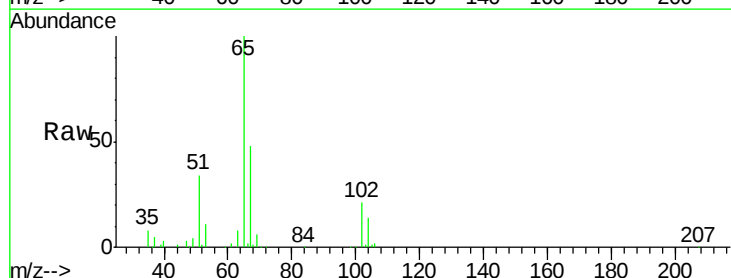
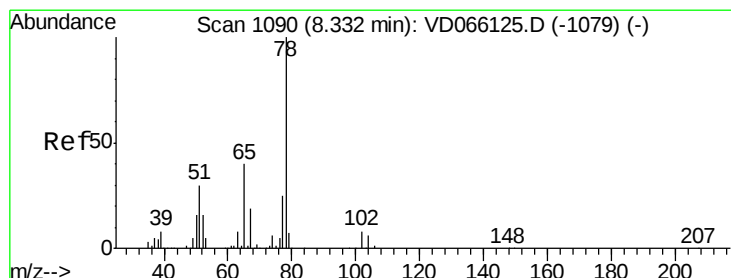
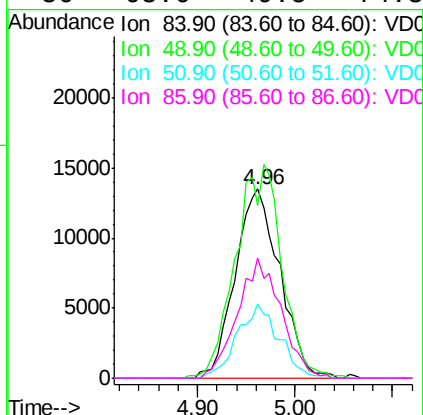




#20
Methvlene Chloride
Concen: 10.630 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066220.D
Acq: 13 Aug 2020 19:46

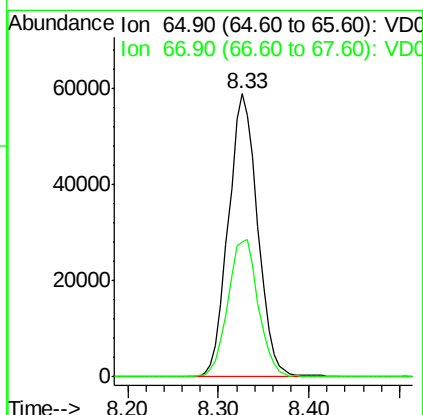
Instrument :
MSVOA_D
ClientSampleId :
RBR-57

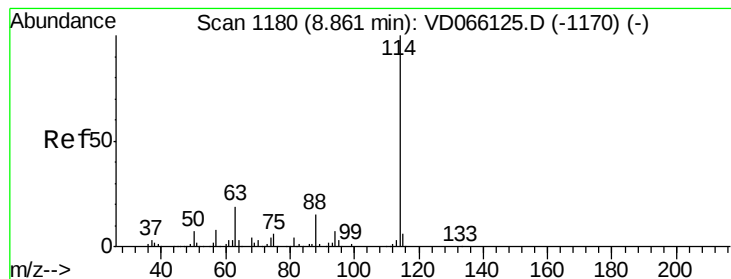
Tot Ion: 84 Resp: 43263
Ion Ratio Lower Upper
84 100
49 90.4 93.5 140.3#
51 39.3 28.2 42.4
86 63.6 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 47.703 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066220.D
Acq: 13 Aug 2020 19:46

Tgt Ion: 65 Resp: 132417
Ion Ratio Lower Upper
65 100
67 50.4 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: VD066220.D

Acq: 13 Aug 2020 19:46

Instrument :

MSVOA_D

ClientSampleId :

RBR-57

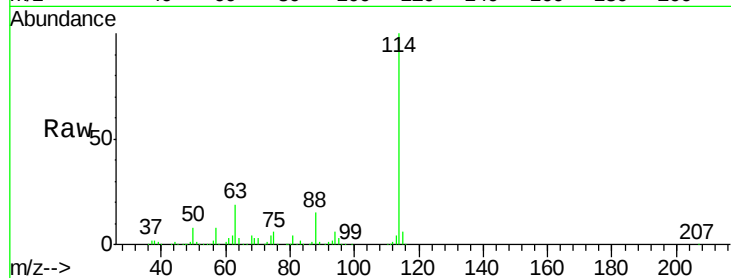
Tot Ion:114 Resp: 497066

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

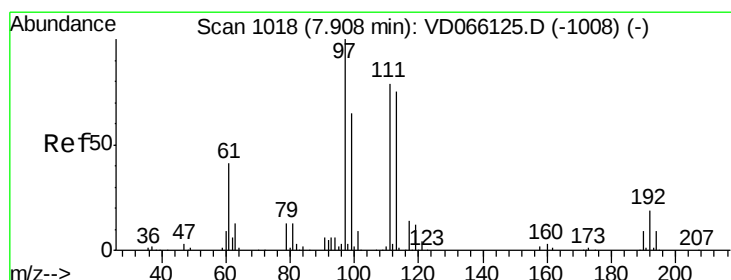
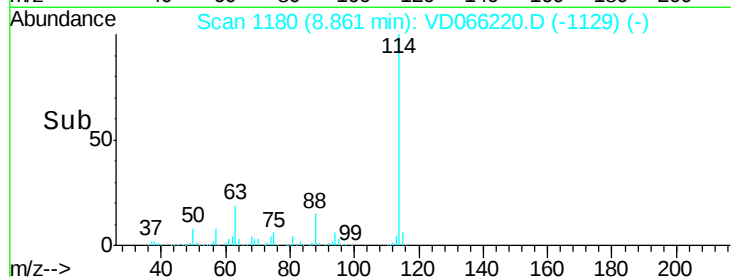
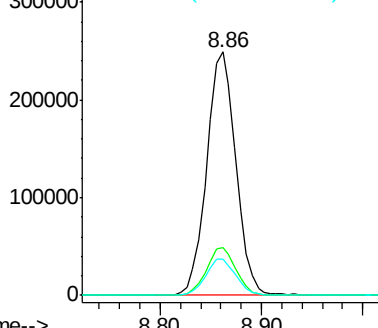
88 15.0 0.0 30.0



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: 48.739 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066220.D

Acq: 13 Aug 2020 19:46

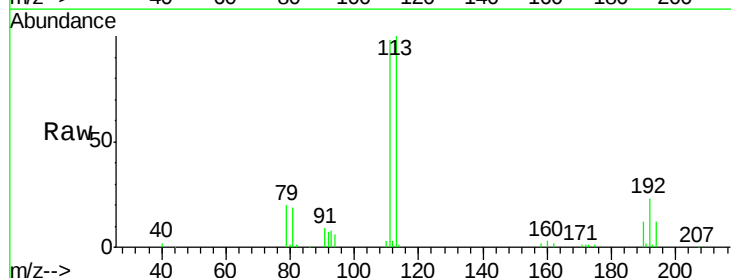
Tgt Ion:113 Resp: 153474

Ion Ratio Lower Upper

113 100

111 100.1 80.7 121.1

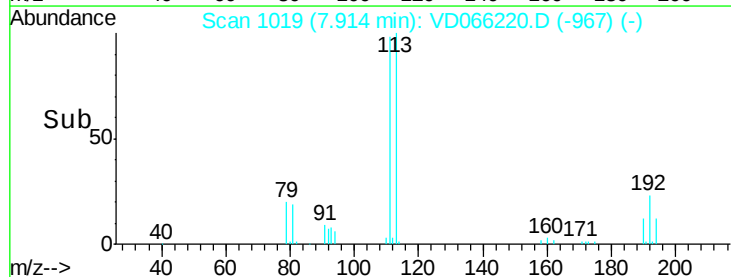
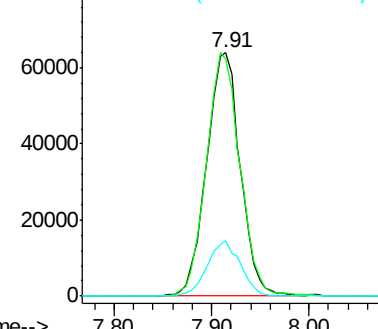
192 22.2 18.4 27.6

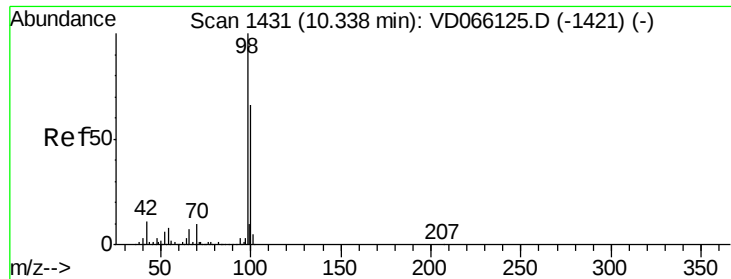


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

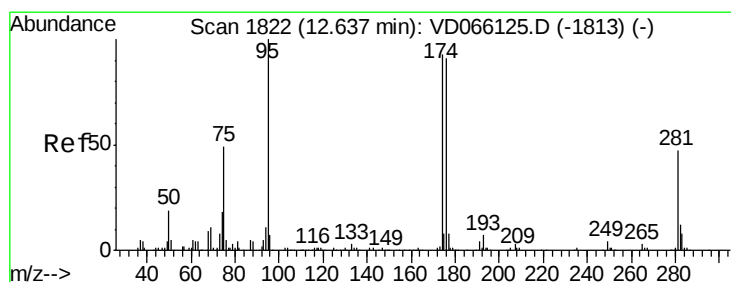
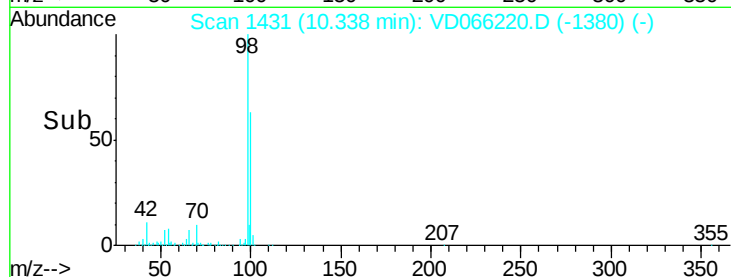
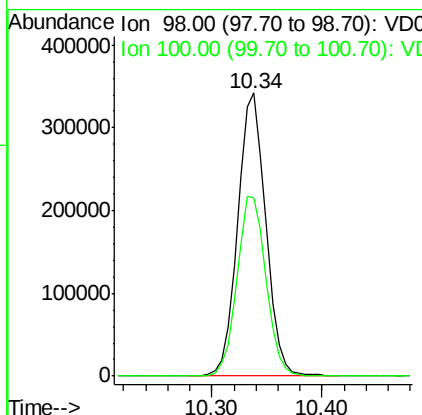
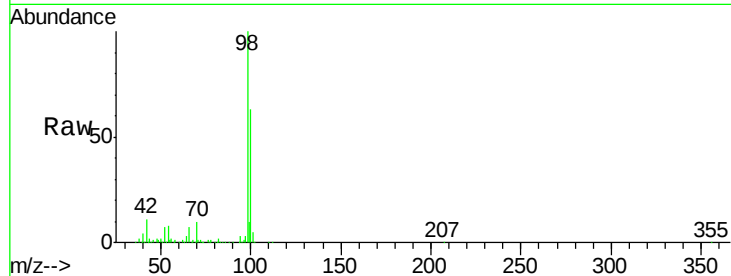




#50
Toluene-d8
Concen: 52.694 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066220.D
Acq: 13 Aug 2020 19:46

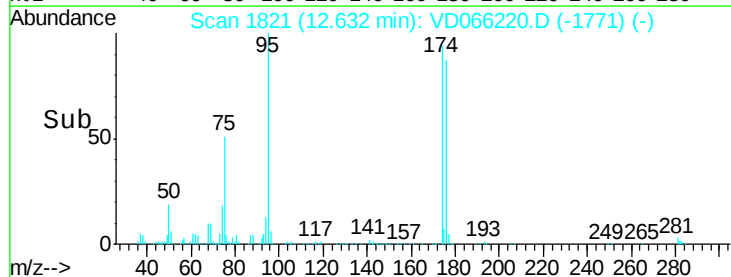
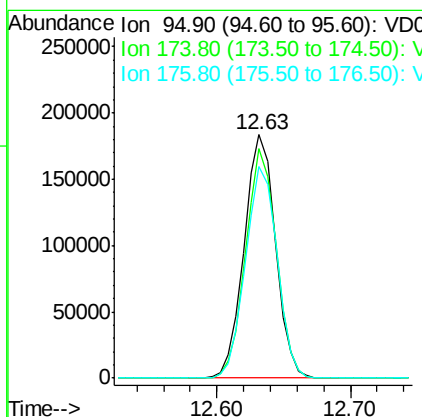
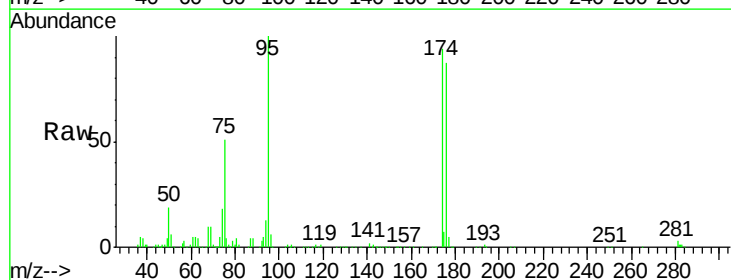
Instrument :
MSVOA_D
ClientSampleId :
RBR-57

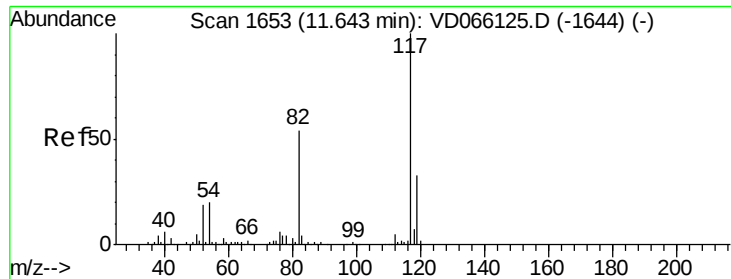
Tot Ion: 98 Resp: 612305
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 70.844 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066220.D
Acq: 13 Aug 2020 19:46

Tgt Ion: 95 Resp: 296736
Ion Ratio Lower Upper
95 100
174 92.4 0.0 180.8
176 88.1 0.0 181.2

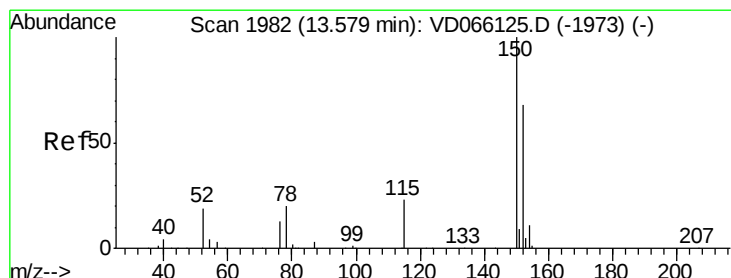
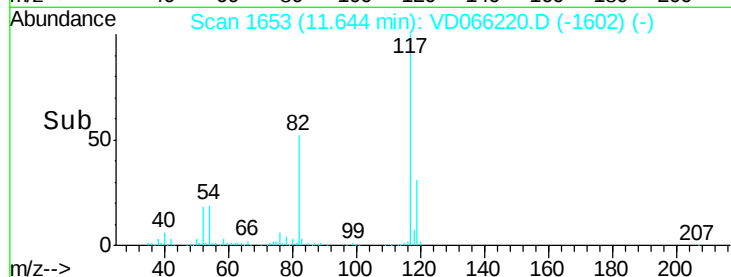
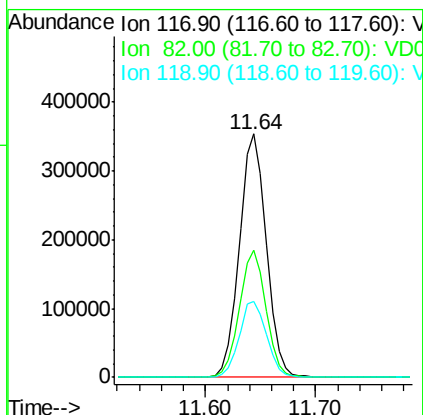
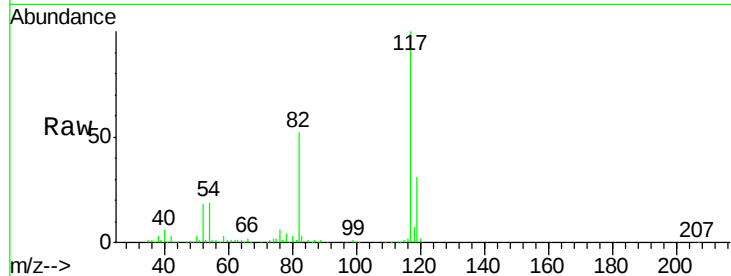




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066220.D
Acq: 13 Aug 2020 19:46

Instrument :
MSVOA_D
ClientSampleId :
RBR-57

Tot Ion:117 Resp: 606089
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.5 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: VD066220.D
Acq: 13 Aug 2020 19:46

Tgt Ion:152 Resp: 346273
Ion Ratio Lower Upper
152 100
115 55.1 28.0 83.9
150 154.9 0.0 346.4

