

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066403.D
 Acq On : 25 Aug 2020 15:38
 Operator : VA/SY
 Sample : L3784-07
 Misc : 5.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-23

Quant Time: Aug 26 08:34:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

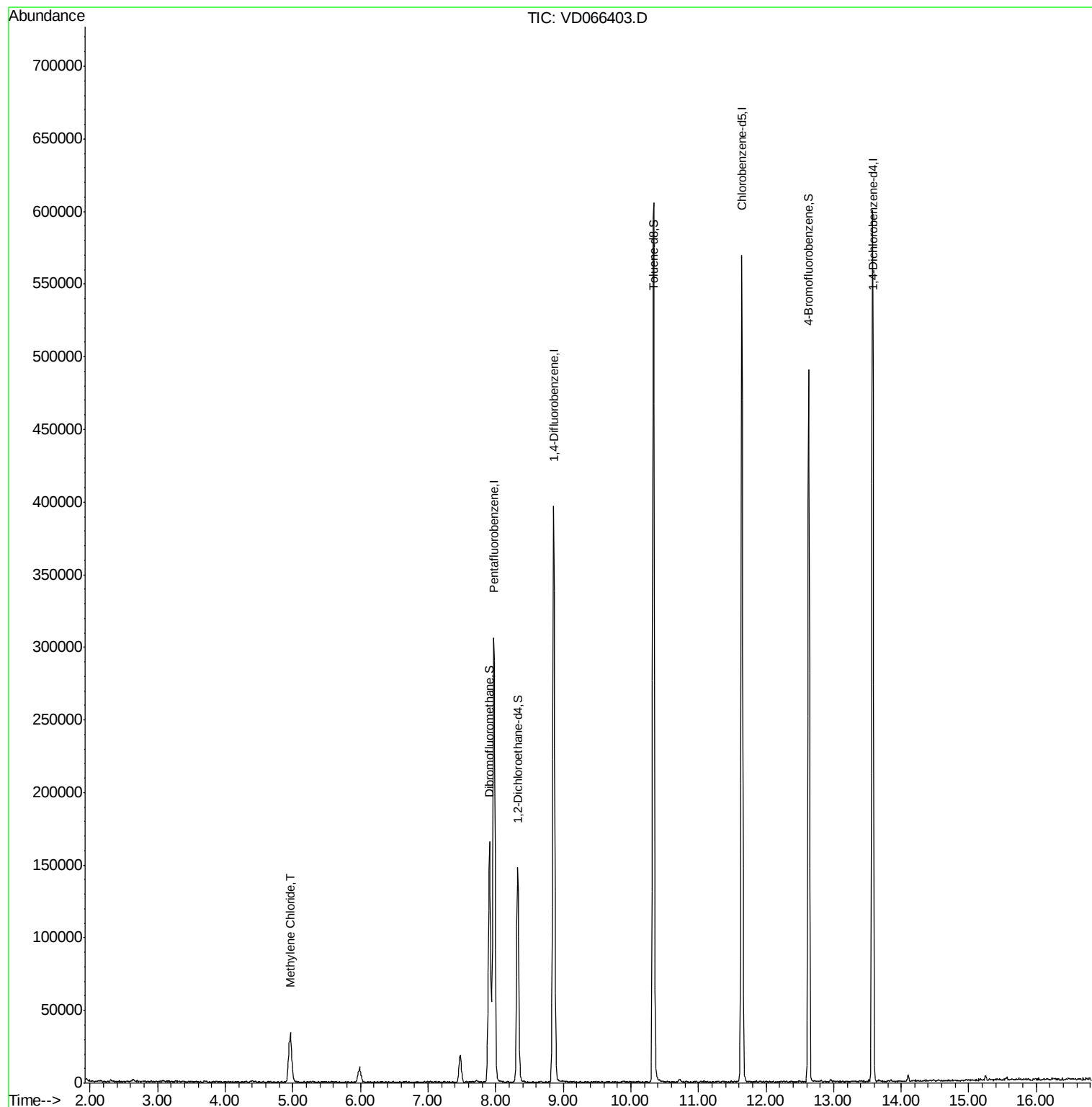
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	237244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	351302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	327425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	166176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	125905	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
35) Dibromofluoromethane	7.91	113	111593	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.34	98	411713	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.63	95	146064	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
Target Compounds						
20) Methylene Chloride	4.96	84	26927	6.509	ug/l #	Qvalue 94

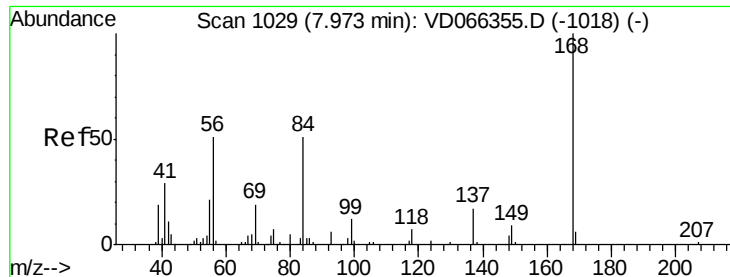
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082520\
Data File : VD066403.D
Acq On : 25 Aug 2020 15:38
Operator : VA/SY
Sample : L3784-07
Misc : 5.18G/5.00ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-23

Quant Time: Aug 26 08:34:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066403.D

Acq: 25 Aug 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

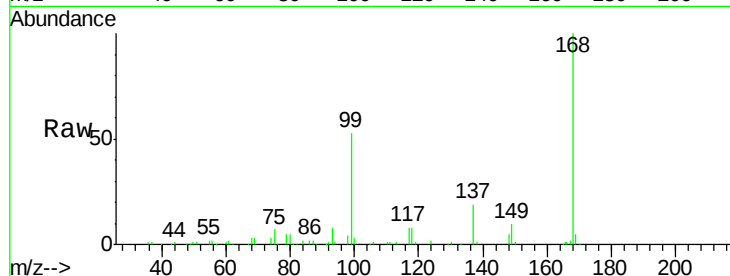
RO-23

Tot Ion:168 Resp: 237244

Ion Ratio Lower Upper

168 100

99 52.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

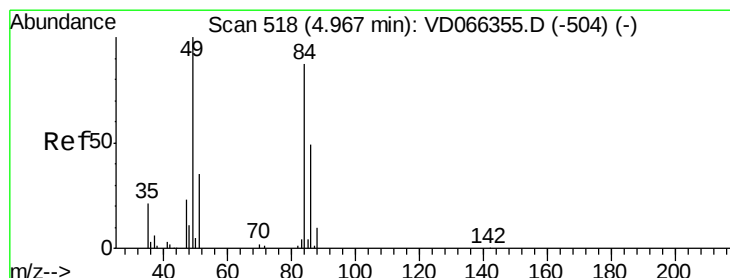
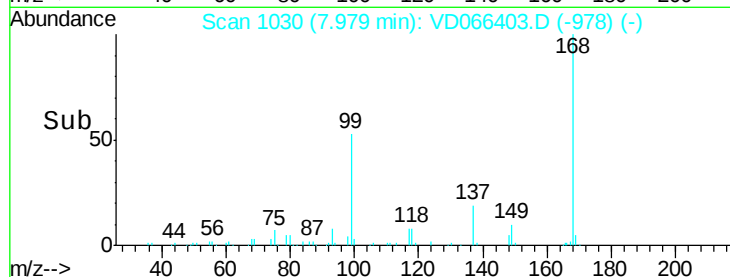
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.509 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066403.D

Acq: 25 Aug 2020 15:38

Tgt Ion: 84 Resp: 26927

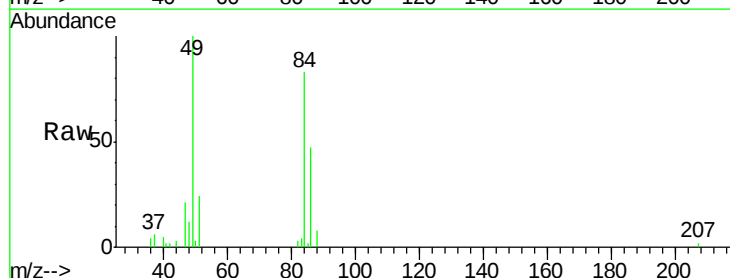
Ion Ratio Lower Upper

84 100

49 120.0 92.5 138.7

51 28.4 32.5 48.7#

86 56.7 45.0 67.6



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

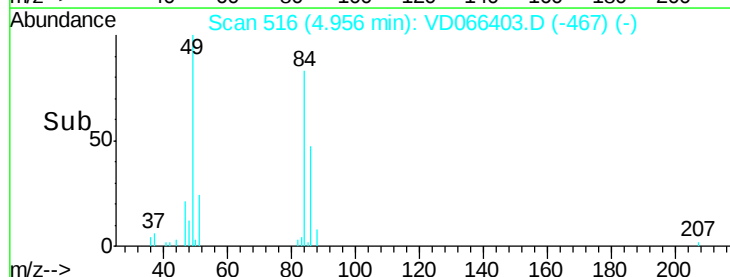
15000

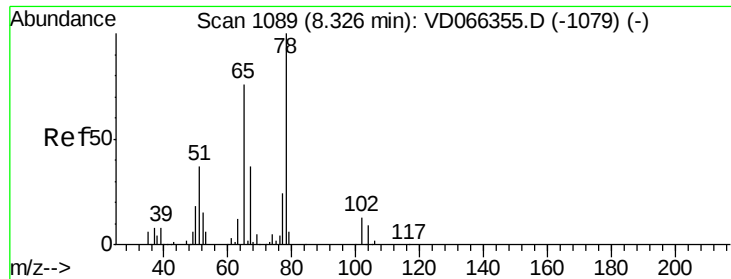
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.131 ug/l

RT: 8.32 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VD066403.D

Acq: 25 Aug 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

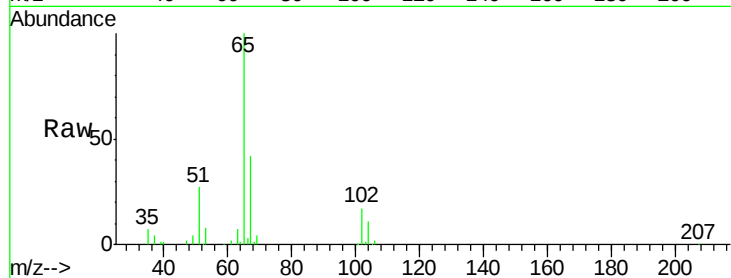
RO-23

Tot Ion: 65 Resp: 125905

Ion Ratio Lower Upper

65 100

67 47.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.32

60000

50000

40000

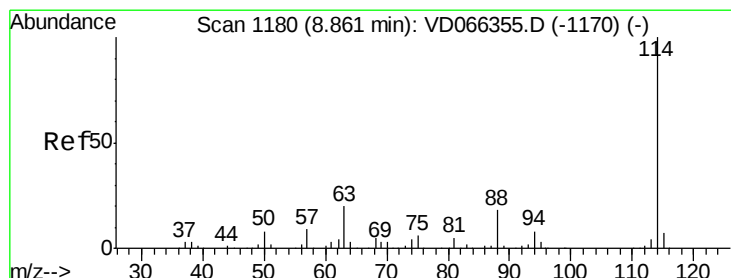
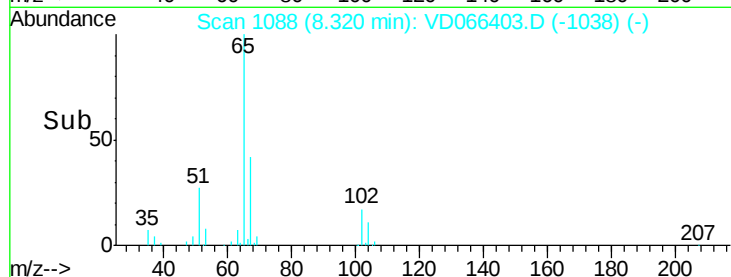
30000

20000

10000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066403.D

Acq: 25 Aug 2020 15:38

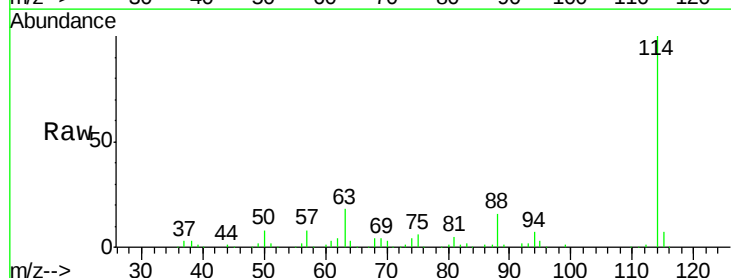
Tgt Ion:114 Resp: 351302

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.8

88 16.1 0.0 35.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

200000

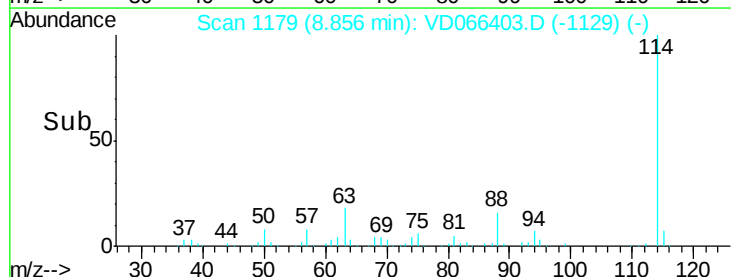
150000

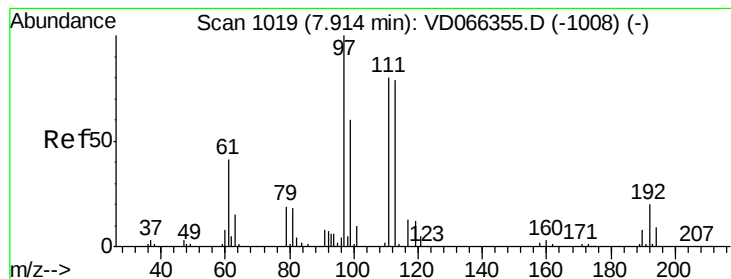
100000

50000

0

Time--> 8.80 8.90





#35

Dibromofluoromethane

Concen: 50.800 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066403.D

Acq: 25 Aug 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

RO-23

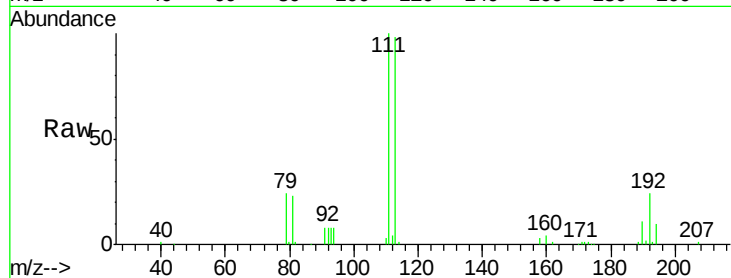
Tot Ion:113 Resp: 111593

Ion Ratio Lower Upper

113 100

111 103.4 80.3 120.5

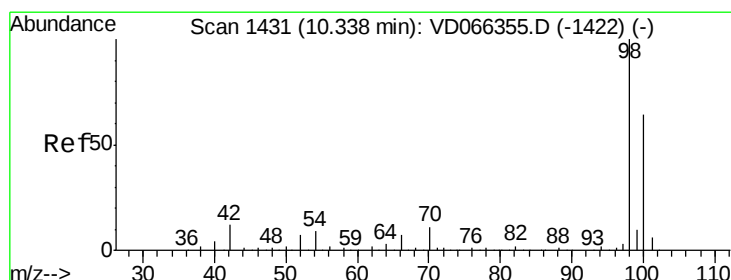
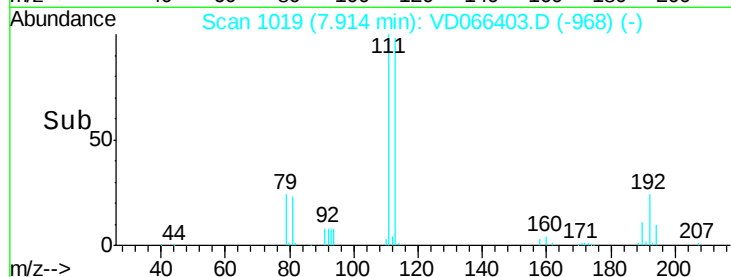
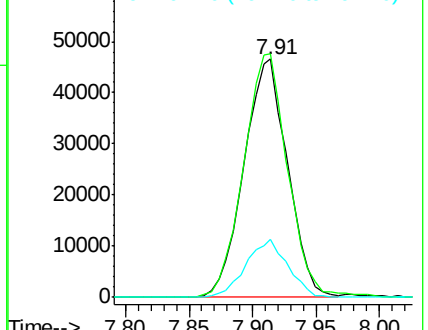
192 23.4 19.0 28.6



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: 51.224 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066403.D

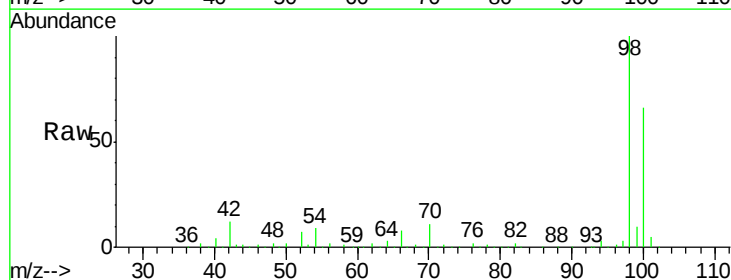
Acq: 25 Aug 2020 15:38

Tgt Ion: 98 Resp: 411713

Ion Ratio Lower Upper

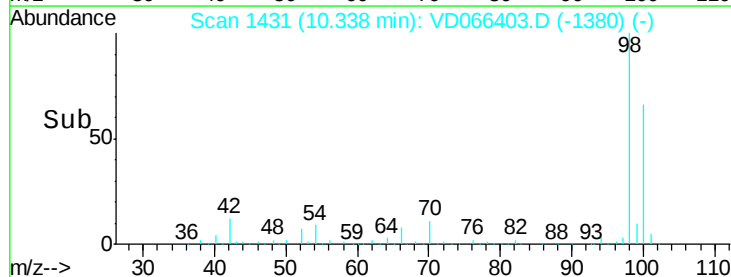
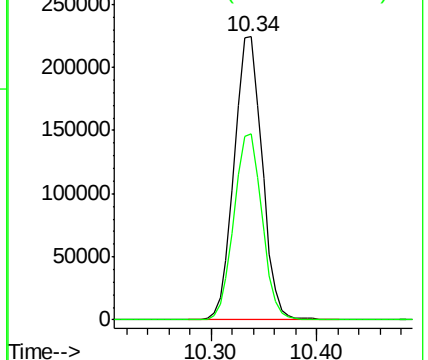
98 100

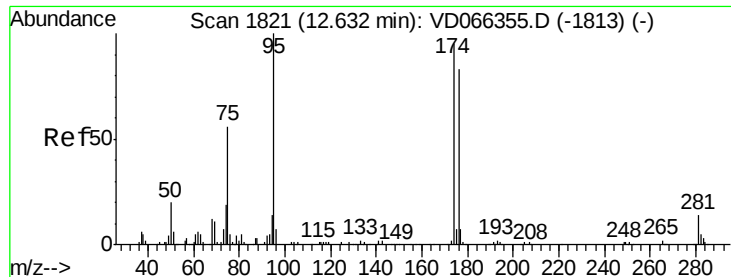
100 66.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

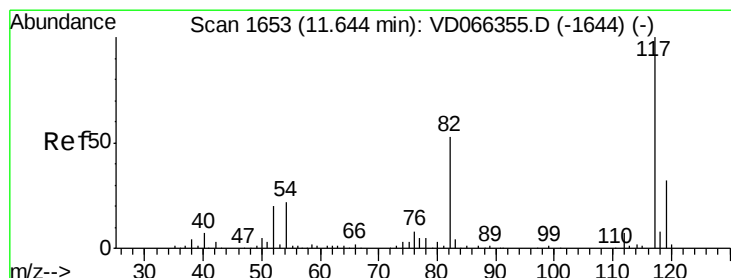
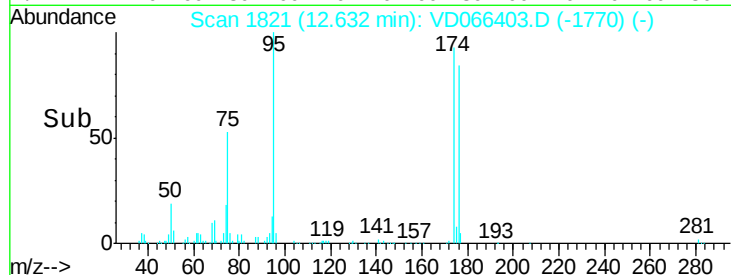
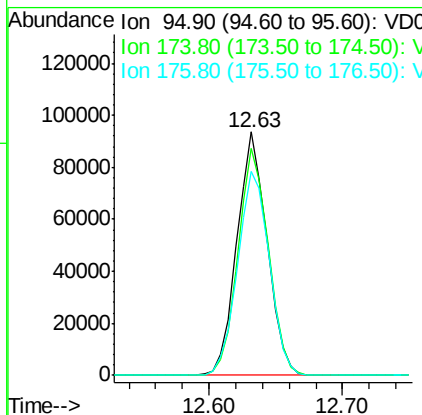
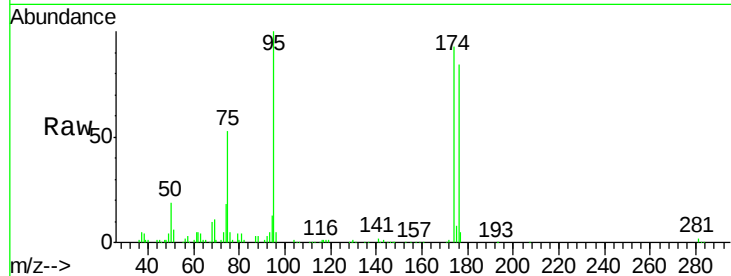




#62
4-Bromofluorobenzene
Concen: 51.214 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066403.D
Acq: 25 Aug 2020 15:38

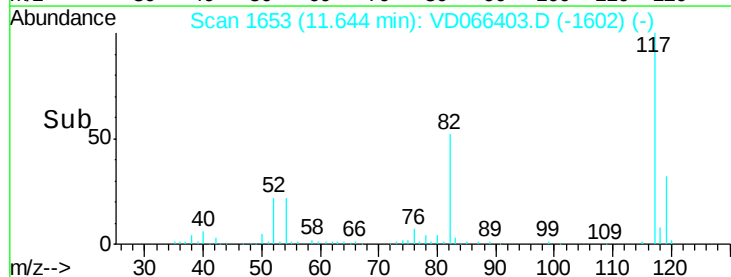
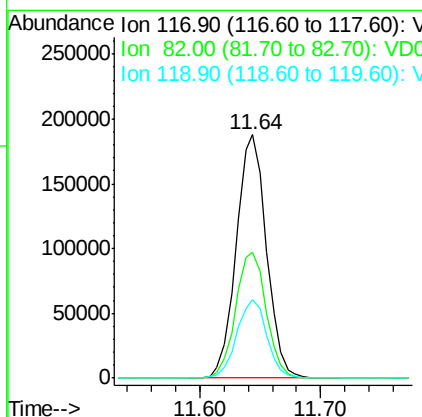
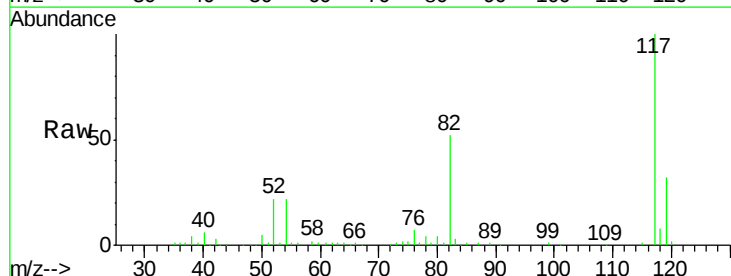
Instrument :
MSVOA_D
ClientSampleId :
RO-23

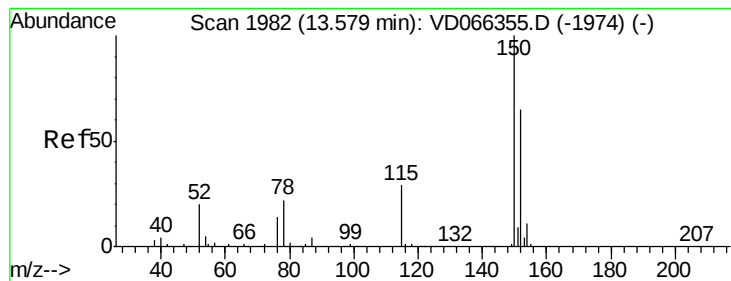
Tot Ion: 95 Resp: 146064
Ion Ratio Lower Upper
95 100
174 94.0 0.0 183.4
176 88.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066403.D
Acq: 25 Aug 2020 15:38

Tgt Ion: 117 Resp: 327425
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066403.D

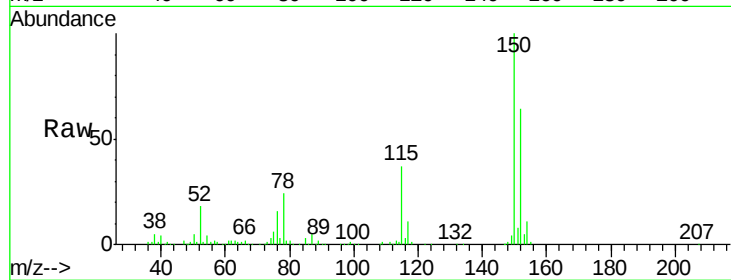
Acq: 25 Aug 2020 15:38

Instrument :

MSVOA_D

ClientSampleId :

RO-23



Tot Ion:152 Resp: 166176

Ion Ratio Lower Upper

152 100

115 57.9 28.3 85.0

150 157.7 0.0 343.2

