

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066963.D
 Acq On : 30 Sep 2020 03:45
 Operator : VA/SY
 Sample : L4189-01
 Misc : 7.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-C-2334-C

Quant Time: Sep 30 05:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

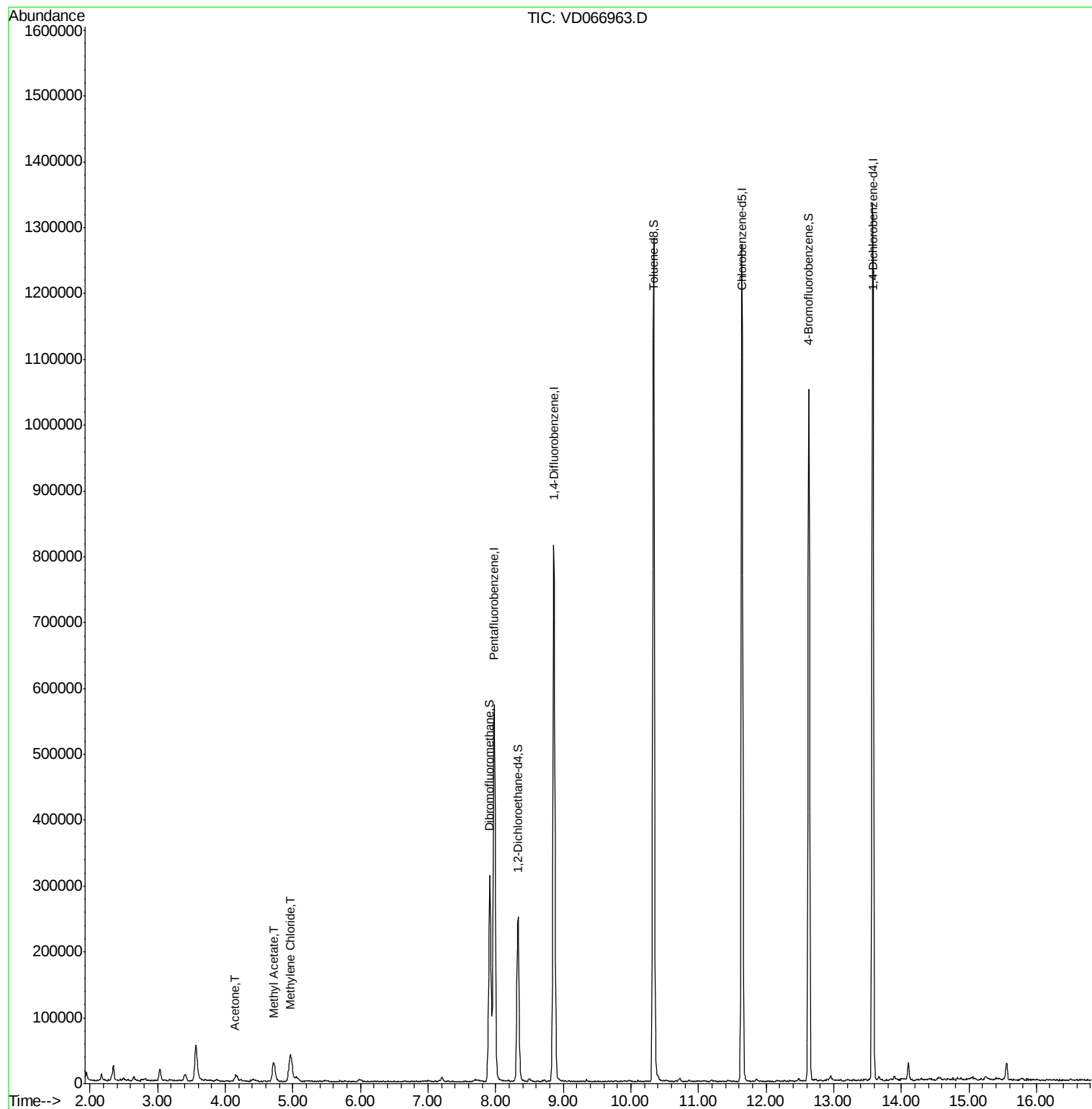
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	424632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	708876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	746384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	363353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	200588	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
35) Dibromofluoromethane	7.91	113	222524	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.34	98	865225	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
62) 4-Bromofluorobenzene	12.63	95	328168	62.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.78%	
Target Compounds						
16) Acetone	4.16	43	17398	19.733	ug/l	97
18) Methyl Acetate	4.71	43	58107	27.937	ug/l	98
20) Methylene Chloride	4.97	84	32639	1.175	ug/l	94

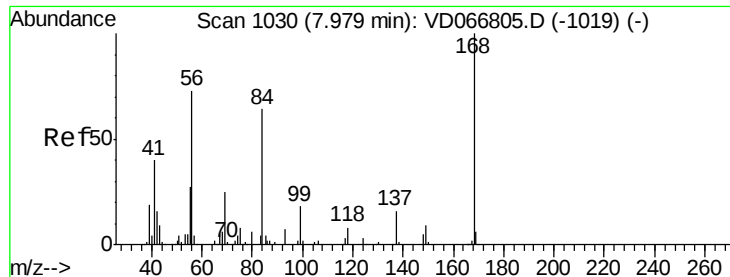
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066963.D

Acq: 30 Sep 2020 03:45

Instrument :

MSVOA_D

ClientSampleId :

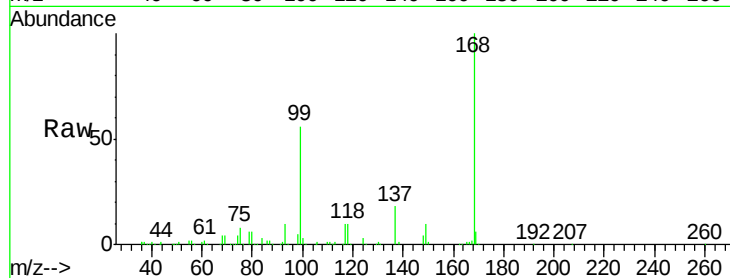
TP-C-2334-C

Tot Ion:168 Resp: 424632

Ion Ratio Lower Upper

168 100

99 55.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

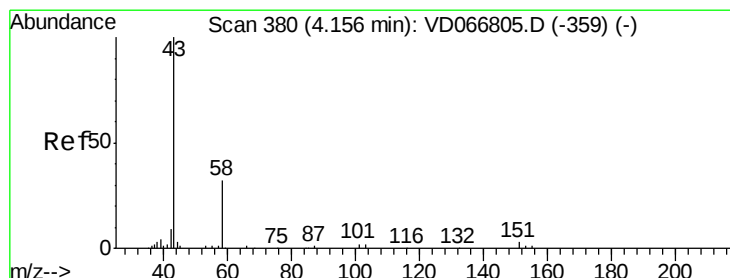
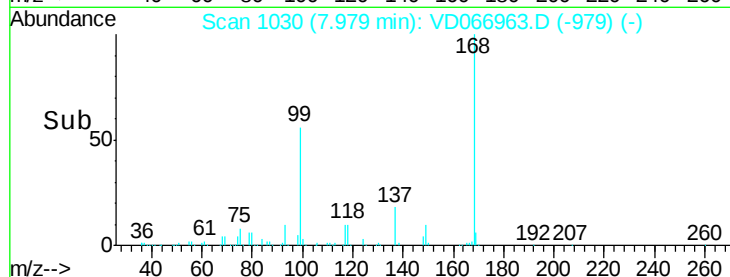
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 19.733 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066963.D

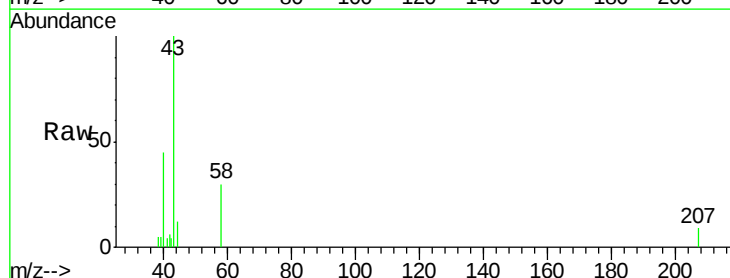
Acq: 30 Sep 2020 03:45

Tgt Ion: 43 Resp: 17398

Ion Ratio Lower Upper

43 100

58 30.3 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

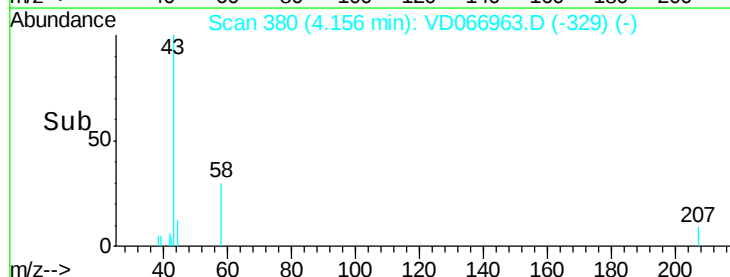
3000

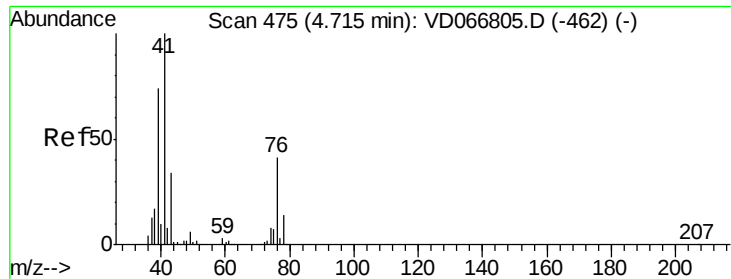
2000

1000

0

Time-->

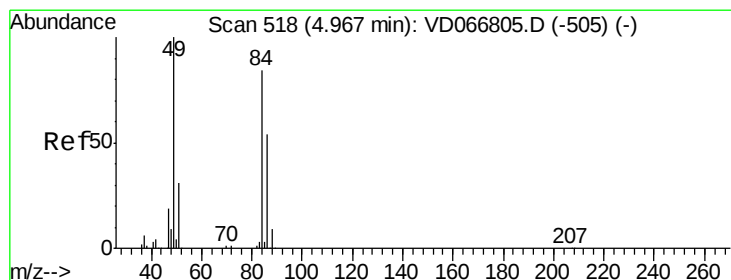
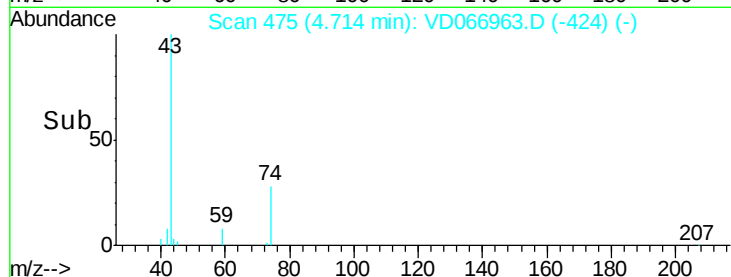
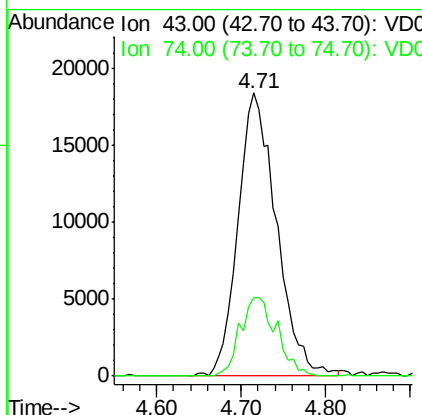
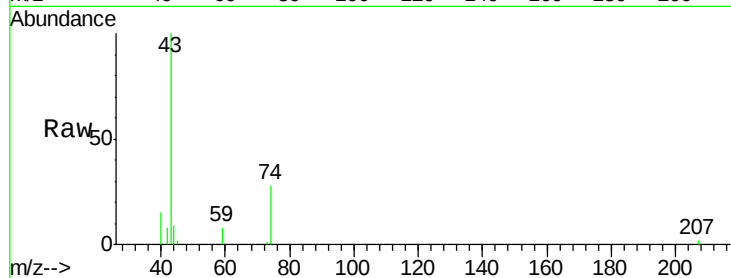




#18
Methvl Acetate
Concen: 27.937 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066963.D
Acq: 30 Sep 2020 03:45

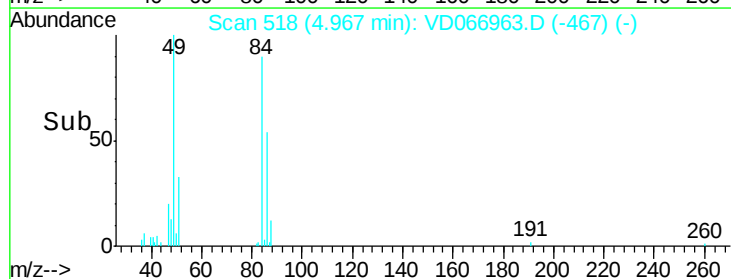
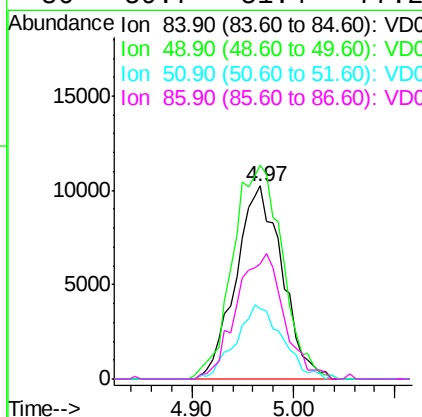
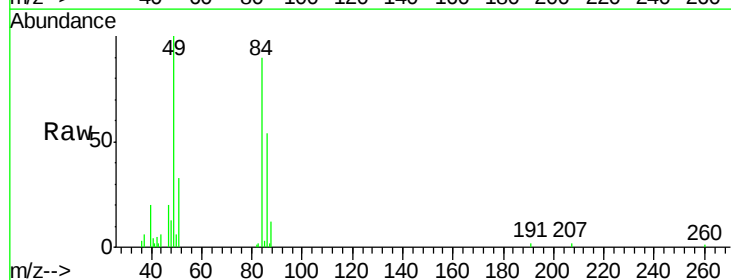
Instrument :
MSVOA_D
ClientSampleId :
TP-C-2334-C

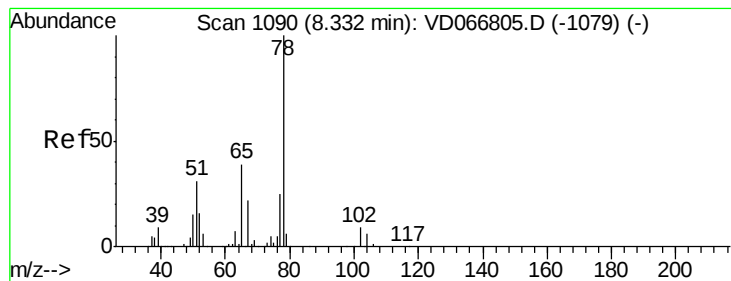
Tot Ion: 43 Resp: 58107
Ion Ratio Lower Upper
43 100
74 26.4 20.3 30.5



#20
Methylene Chloride
Concen: 1.175 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066963.D
Acq: 30 Sep 2020 03:45

Tgt Ion: 84 Resp: 32639
Ion Ratio Lower Upper
84 100
49 110.7 95.4 143.2
51 36.4 29.7 44.5
86 59.7 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 48.263 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066963.D

Acq: 30 Sep 2020 03:45

Instrument :

MSVOA_D

ClientSampleId :

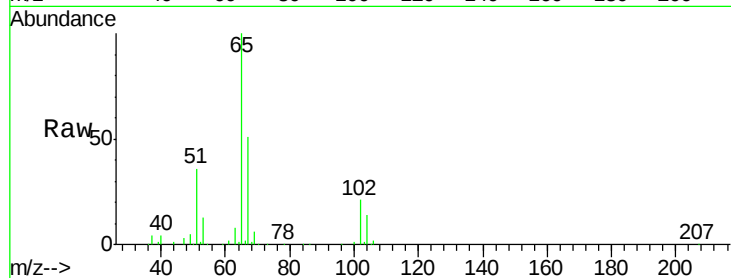
TP-C-2334-C

Tot Ion: 65 Resp: 200588

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

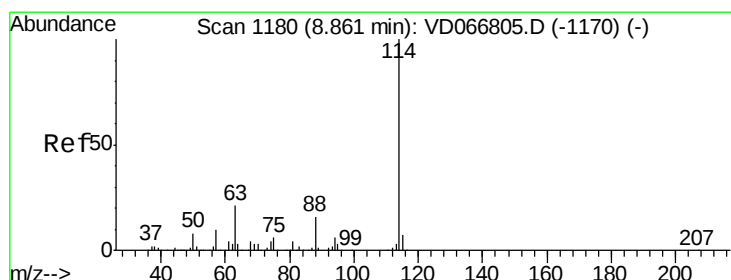
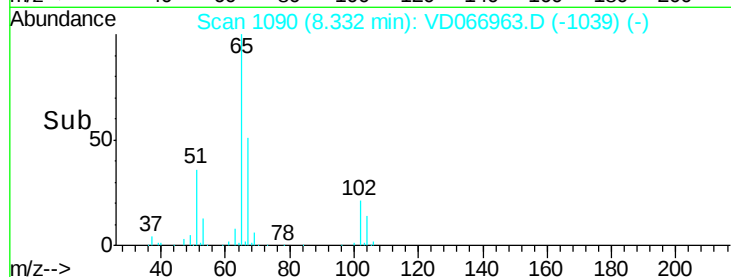
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066963.D

Acq: 30 Sep 2020 03:45

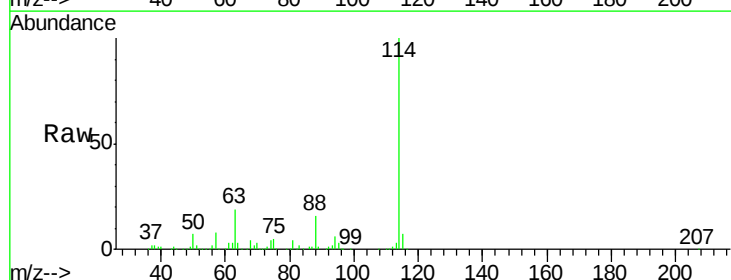
Tgt Ion: 114 Resp: 708876

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

88 15.6 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

500000

400000

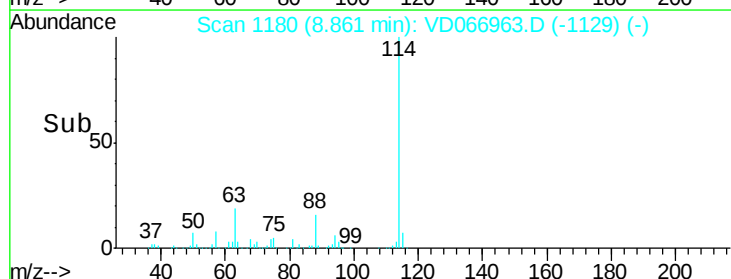
300000

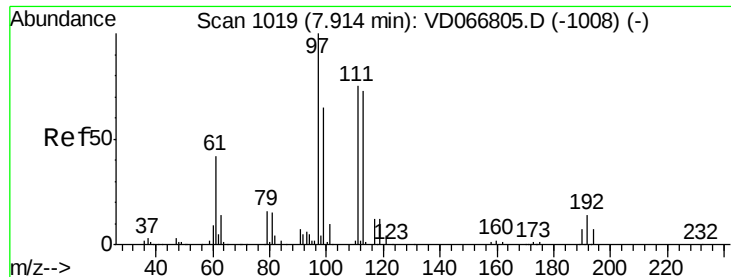
200000

100000

0

Time--> 8.80 8.90 9.00

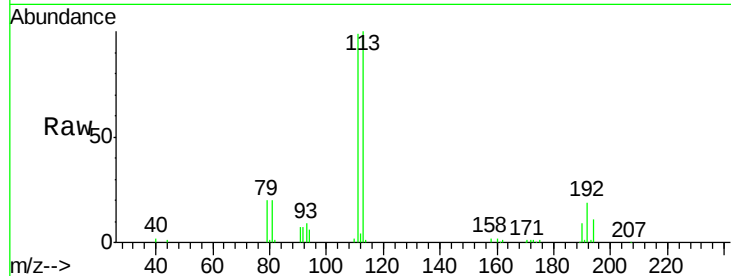




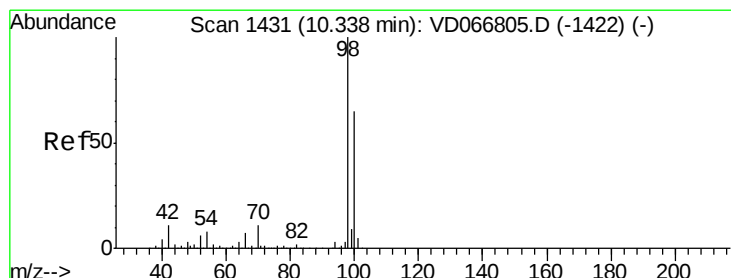
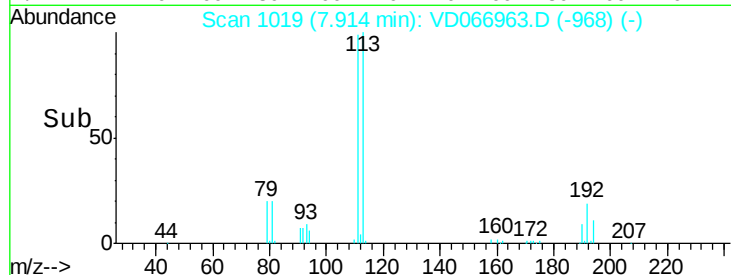
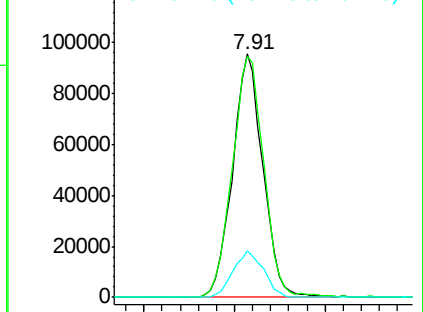
#35
 Dibromofluoromethane
 Concen: 49.342 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066963.D
 Acq: 30 Sep 2020 03:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-C-2334-C

Tot Ion:113 Resp: 222524
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 19.2 14.4 21.6

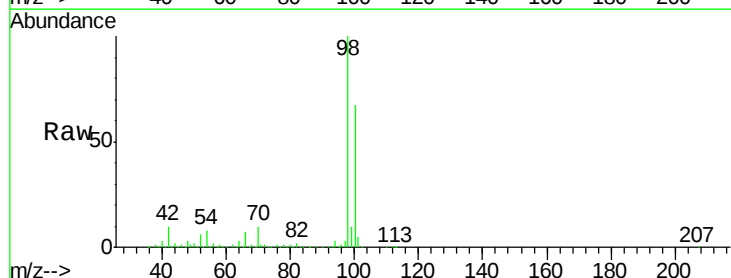


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

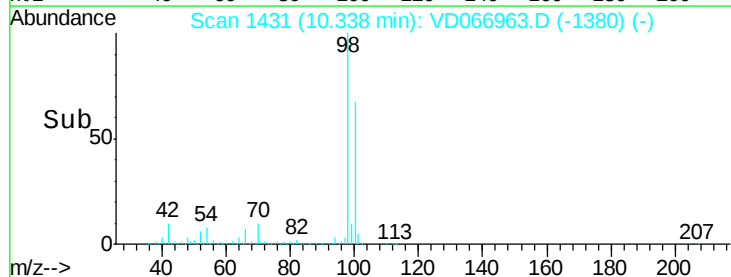
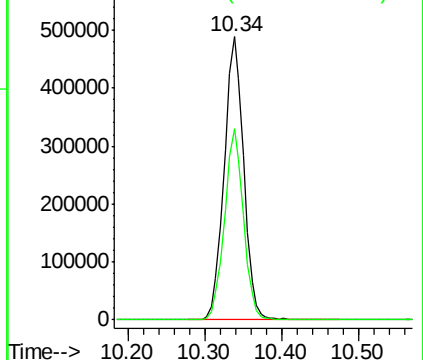


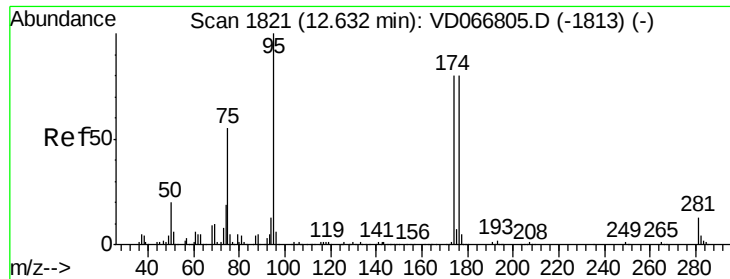
#50
 Toluene-d8
 Concen: 56.308 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066963.D
 Acq: 30 Sep 2020 03:45

Tgt Ion: 98 Resp: 865225
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V

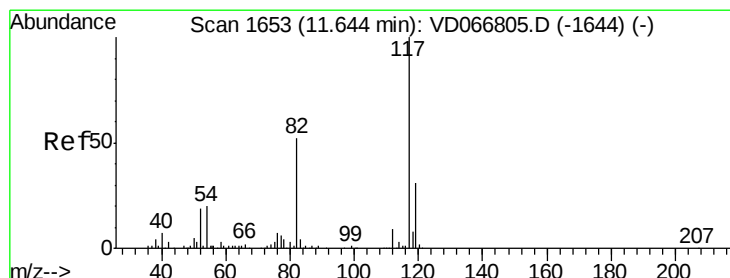
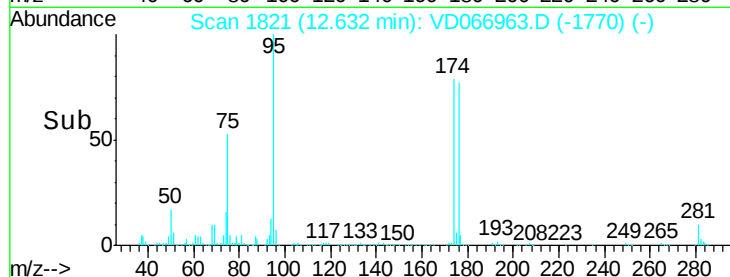
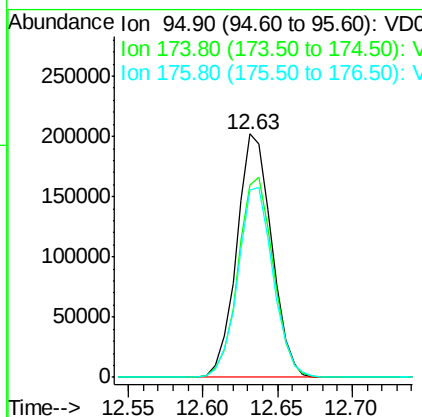
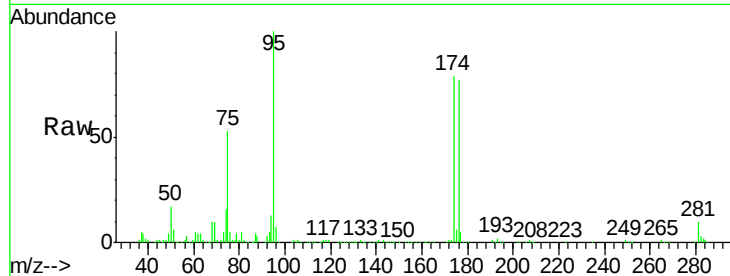




#62
4-Bromofluorobenzene
Concen: 62.386 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066963.D
Acq: 30 Sep 2020 03:45

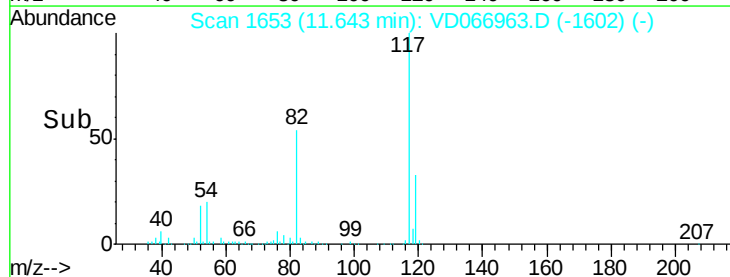
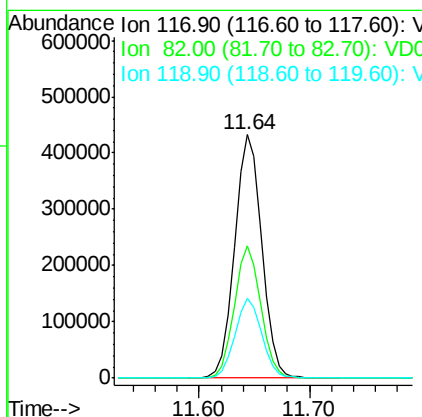
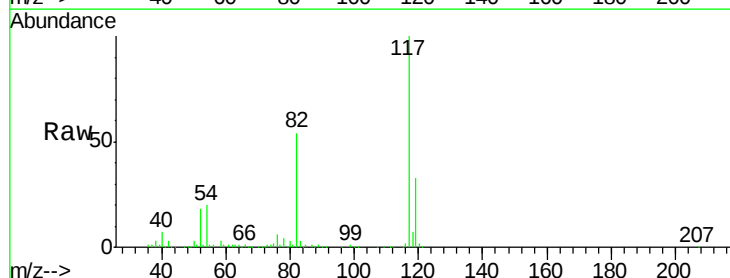
Instrument :
MSVOA_D
ClientSampleId :
TP-C-2334-C

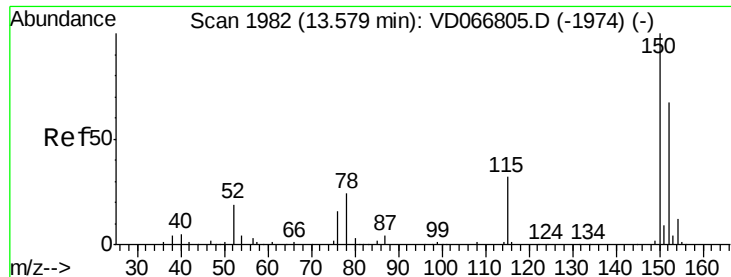
Tot Ion: 95 Resp: 328168
Ion Ratio Lower Upper
95 100
174 82.8 0.0 159.8
176 78.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066963.D
Acq: 30 Sep 2020 03:45

Tgt Ion: 117 Resp: 746384
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.6
119 32.9 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066963.D

Acq: 30 Sep 2020 03:45

Instrument :

MSVOA_D

ClientSampleId :

TP-C-2334-C

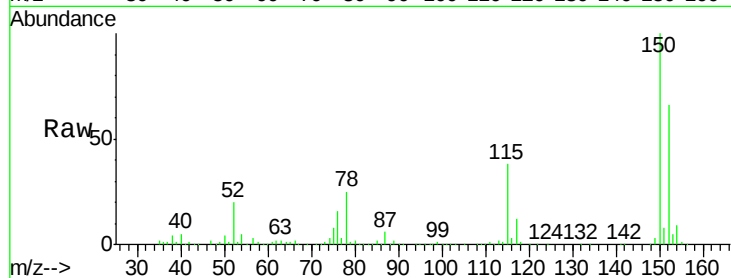
Tot Ion:152 Resp: 363353

Ion Ratio Lower Upper

152 100

115 58.3 30.3 91.0

150 154.4 0.0 346.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

