

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064072.D
 Acq On : 25 Oct 2019 18:26
 Operator : VA/SY
 Sample : K5541-10
 Misc : 3.88G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 51-00-(1)

Quant Time: Oct 26 00:51:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	149110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	253712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	266315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123966	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	79916	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.92	113	82841	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.34	98	344734	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
62) 4-Bromofluorobenzene	12.64	95	100425	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

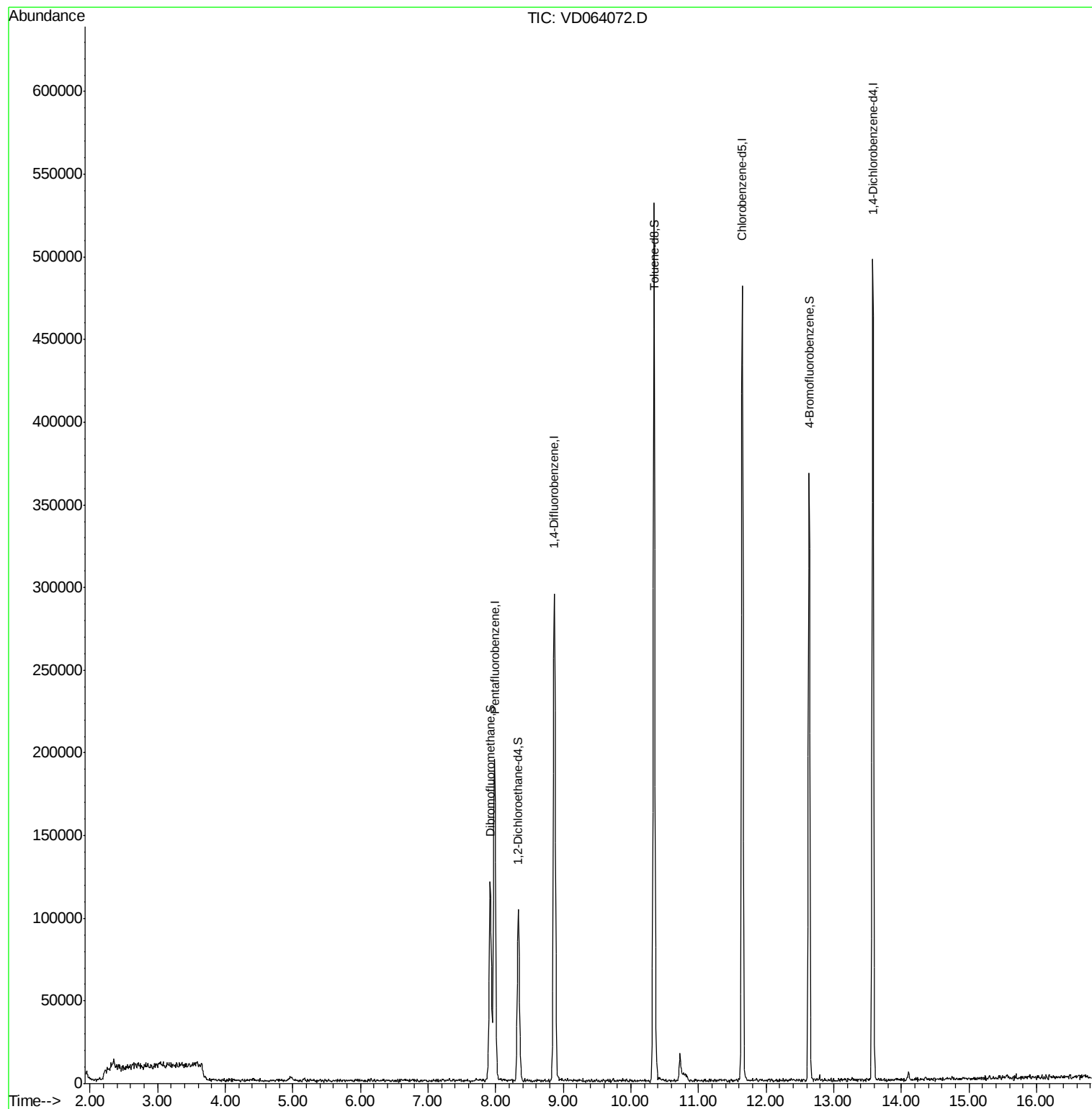
Target Compounds	Qvalue
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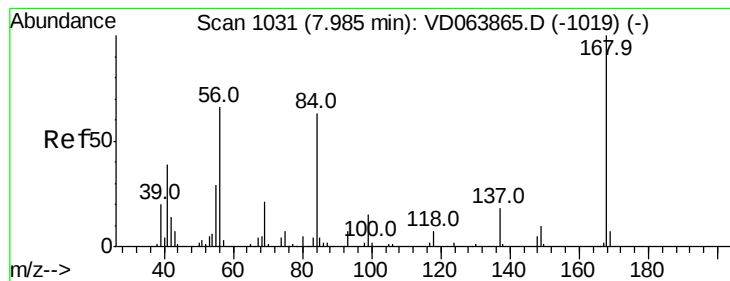
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064072.D

Acq: 25 Oct 2019 18:26

Instrument :

MSVOA_D

ClientSampleId :

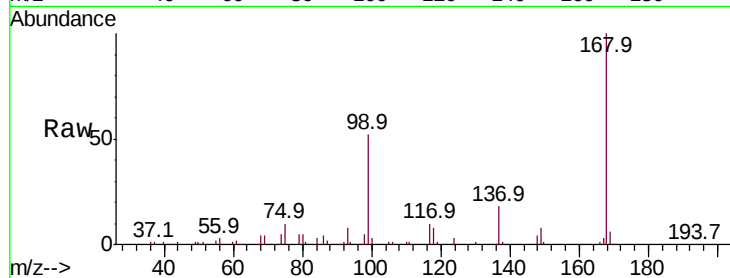
51-00-(1)

Tot Ion:168 Resp: 149110

Ion Ratio Lower Upper

168 100

99 51.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

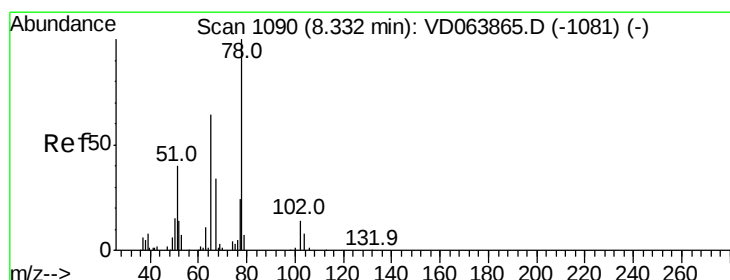
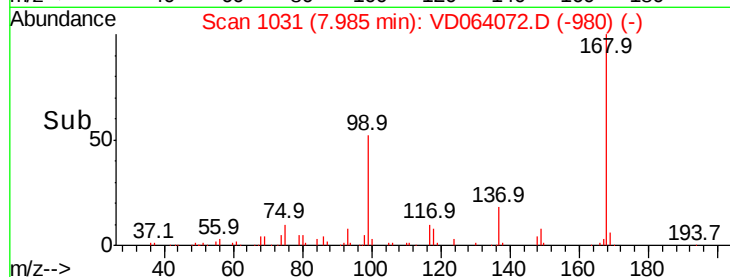
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.050 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD064072.D

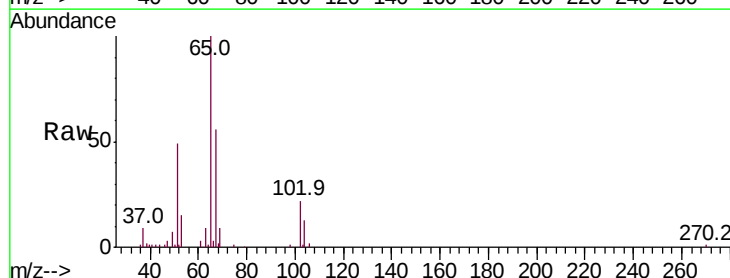
Acq: 25 Oct 2019 18:26

Tgt Ion: 65 Resp: 79916

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

40000

30000

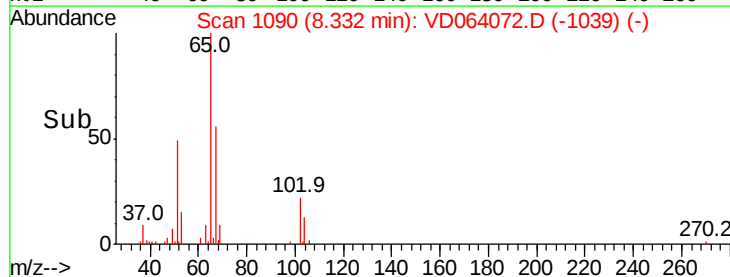
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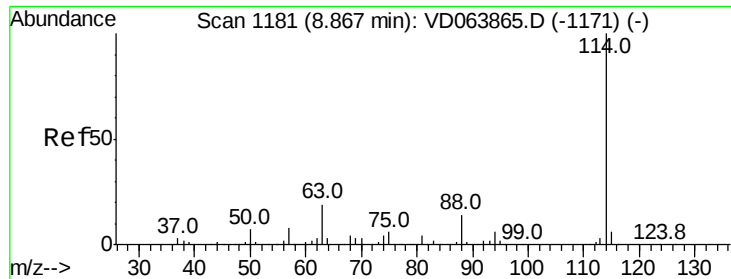
10000

0

Time-->

8.25 8.30 8.35 8.40

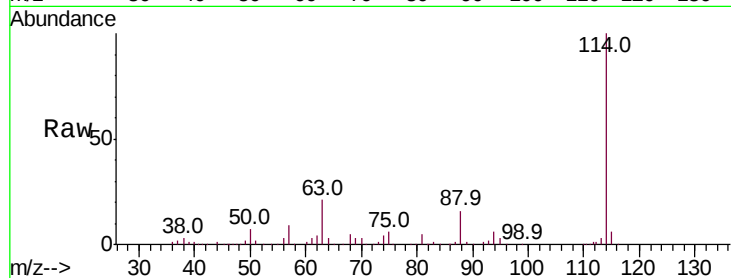




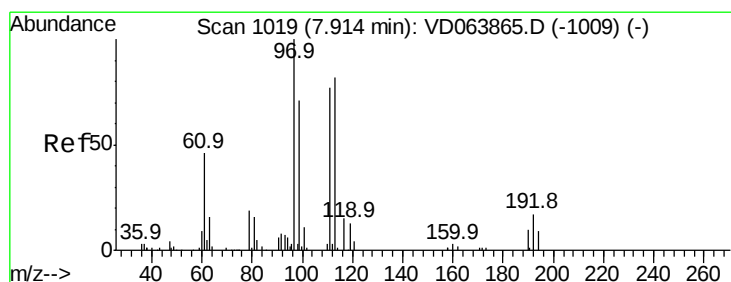
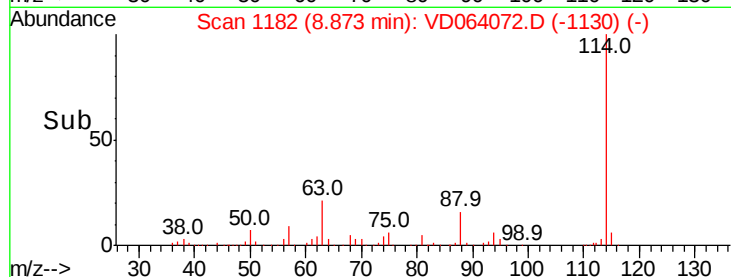
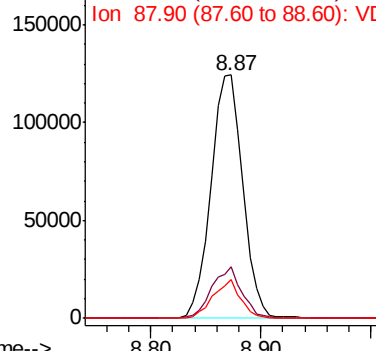
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD064072.D
 Acq: 25 Oct 2019 18:26

Instrument :
 MSVOA_D
 ClientSampleId :
 51-00-(1)

Tot Ion:114 Resp: 253712
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 38.4
 88 15.7 0.0 27.4

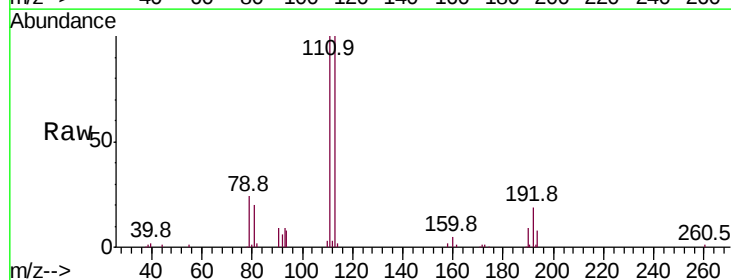


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

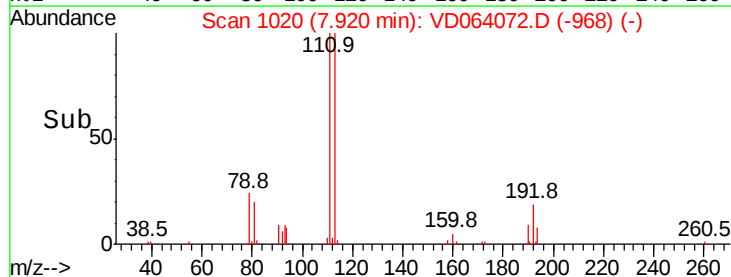
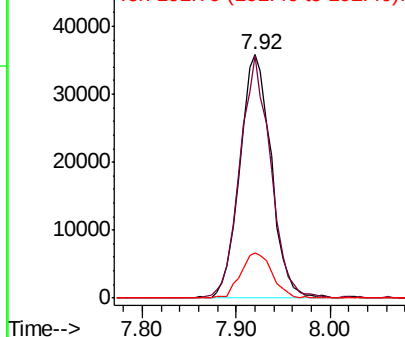


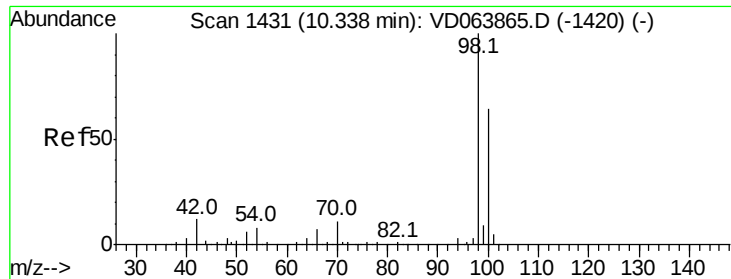
#35
 Dibromofluoromethane
 Concen: 53.428 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064072.D
 Acq: 25 Oct 2019 18:26

Tgt Ion:113 Resp: 82841
 Ion Ratio Lower Upper
 113 100
 111 97.6 82.6 123.8
 192 18.5 17.1 25.7



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: 54.778 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064072.D

Acq: 25 Oct 2019 18:26

Instrument :

MSVOA_D

ClientSampleId :

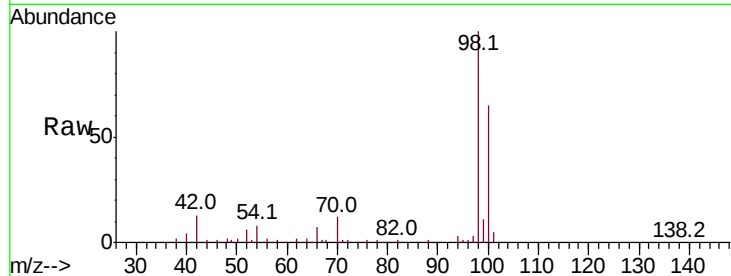
51-00-(1)

Tot Ion: 98 Resp: 344734

Ion Ratio Lower Upper

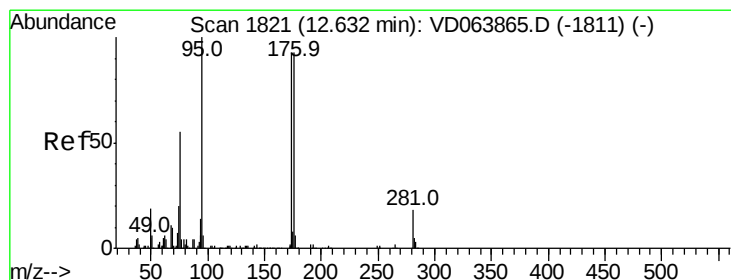
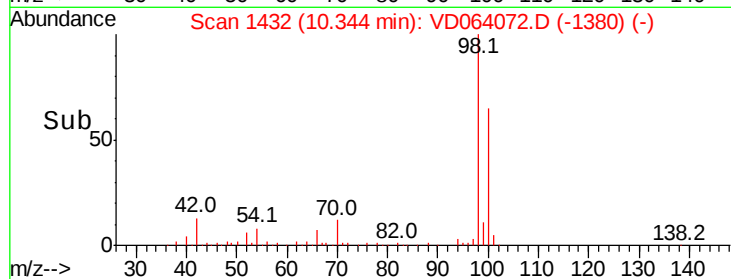
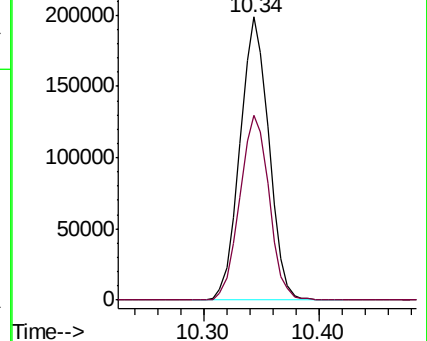
98 100

100 66.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 45.921 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064072.D

Acq: 25 Oct 2019 18:26

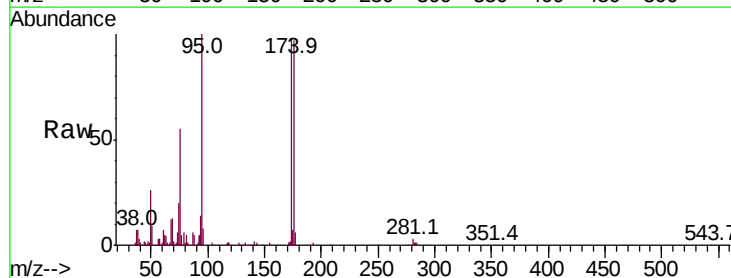
Tgt Ion: 95 Resp: 100425

Ion Ratio Lower Upper

95 100

174 96.5 0.0 186.4

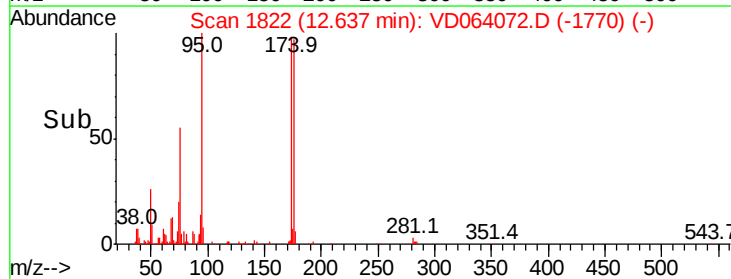
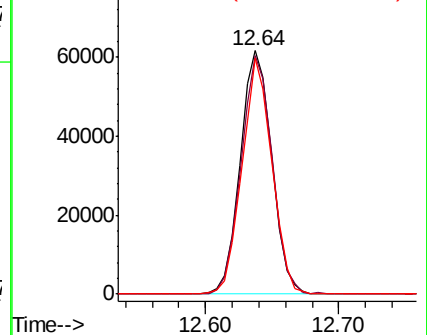
176 91.8 0.0 184.2

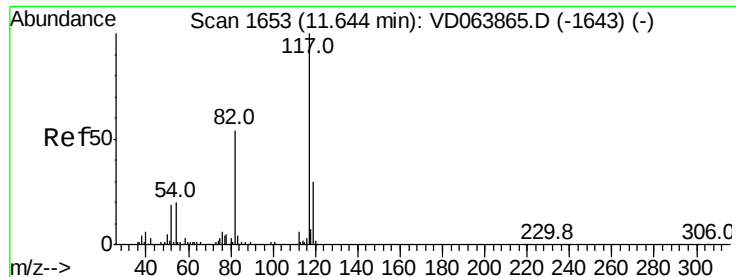


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

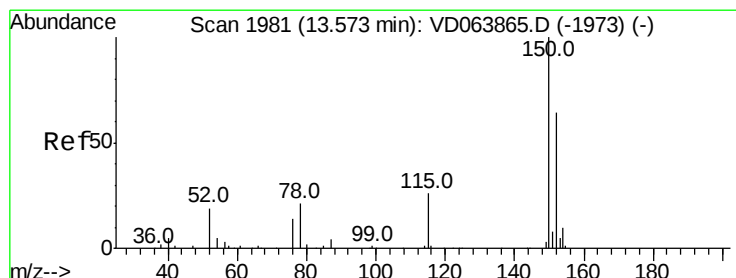
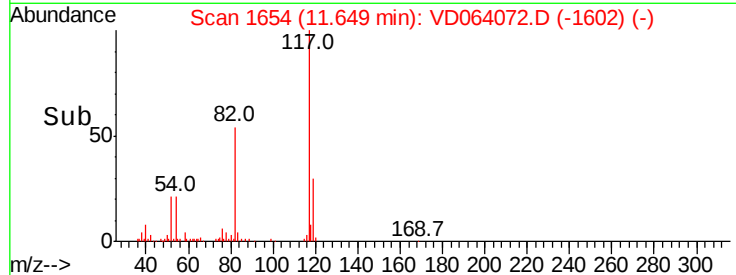
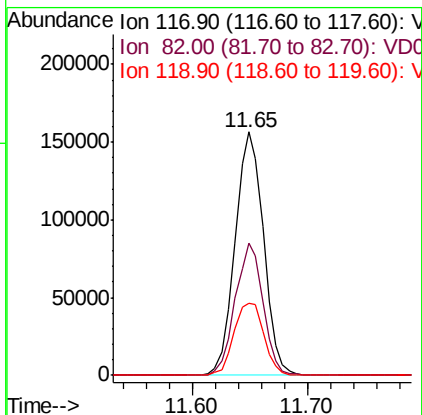
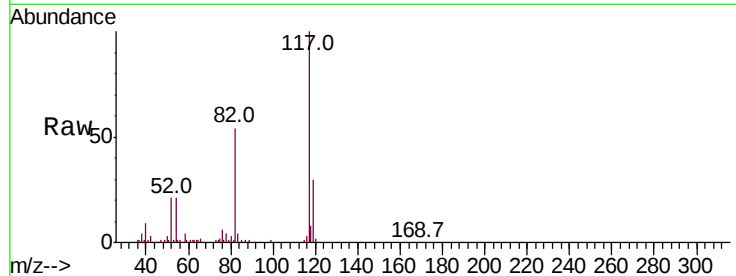




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064072.D
Acq: 25 Oct 2019 18:26

Instrument :
MSVOA_D
ClientSampleId :
51-00-(1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.8	64.2
119	29.6	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064072.D
Acq: 25 Oct 2019 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	25.9	77.7
150	154.1	0.0	344.2

