

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064042.D
 Acq On : 24 Oct 2019 13:01
 Operator : VA/SY
 Sample : K5148-09
 Misc : 8.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-102319

Quant Time: Oct 25 04:35:46 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	158261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	303020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	314192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147110	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	90488	58.73	ug/l	0.00
Spiked Amount						
			Recovery	=	117.46%	
35) Dibromofluoromethane	7.93	113	92682	50.05	ug/l	0.01
Spiked Amount						
			Recovery	=	100.10%	
50) Toluene-d8	10.34	98	412461	54.88	ug/l	0.00
Spiked Amount						
			Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.64	95	122263	46.81	ug/l	0.00
Spiked Amount						
			Recovery	=	93.62%	

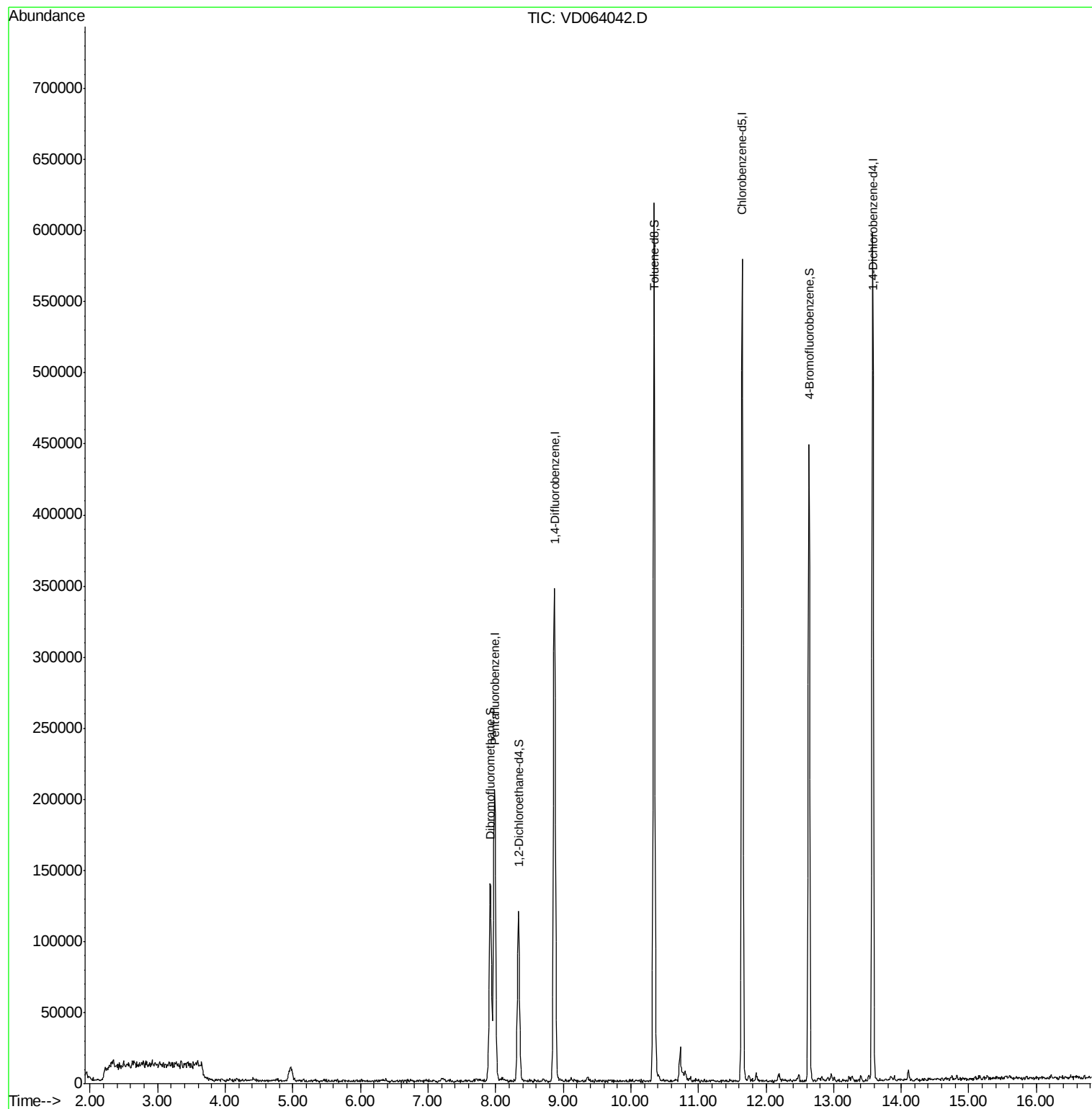
Target Compounds	Qvalue
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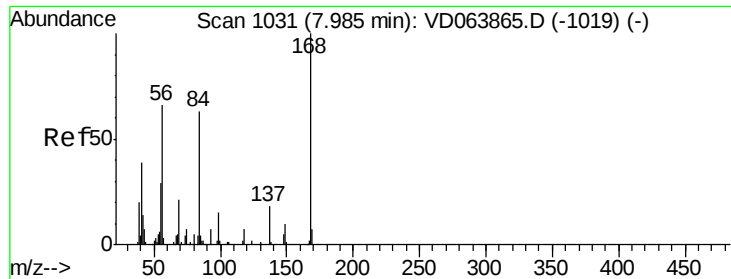
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064042.D

Acq: 24 Oct 2019 13:01

Instrument :

MSVOA_D

ClientSampleId :

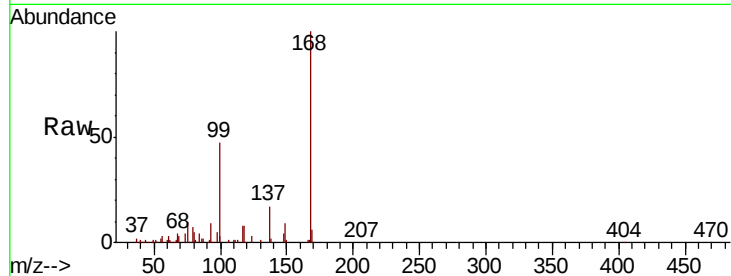
OR-02-102319

Tot Ion:168 Resp: 158261

Ion Ratio Lower Upper

168 100

99 46.7 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

80000

60000

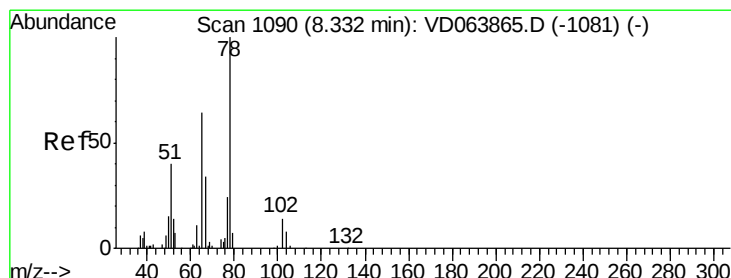
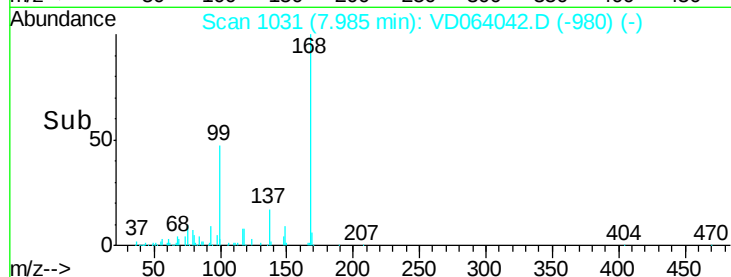
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.728 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064042.D

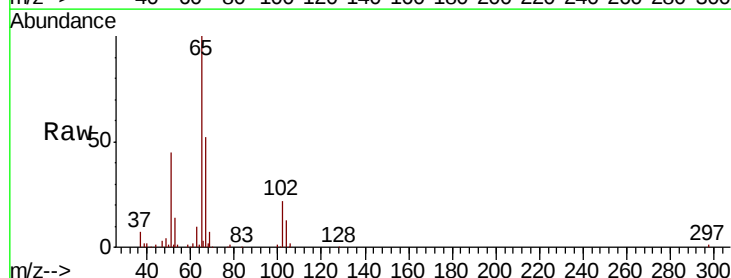
Acq: 24 Oct 2019 13:01

Tgt Ion: 65 Resp: 90488

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

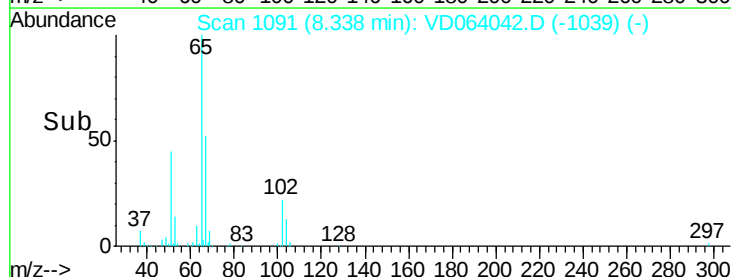
20000

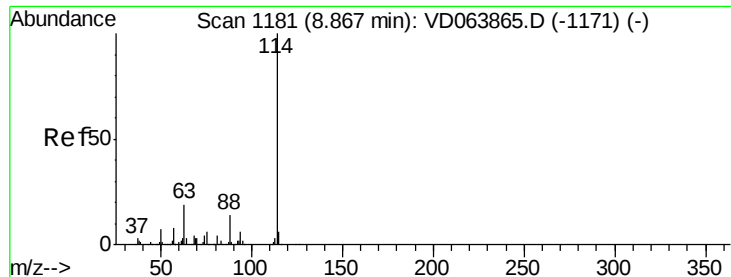
10000

0

8.30 8.40

Time-->

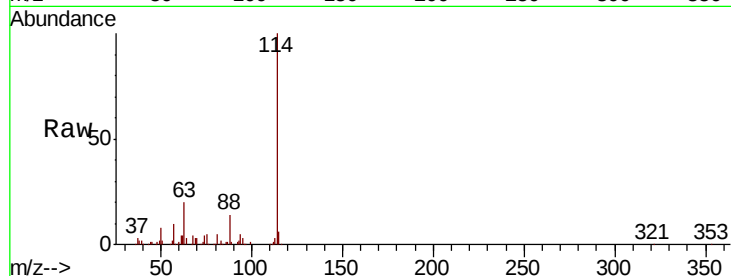




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD064042.D
Acq: 24 Oct 2019 13:01

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102319

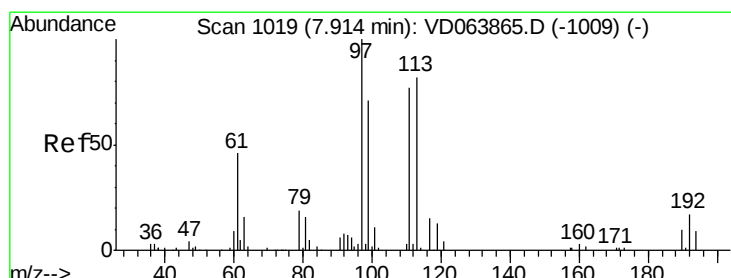
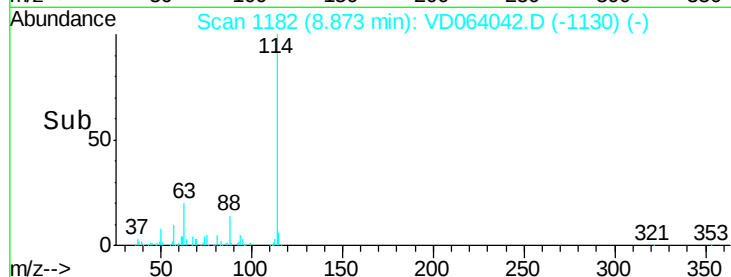
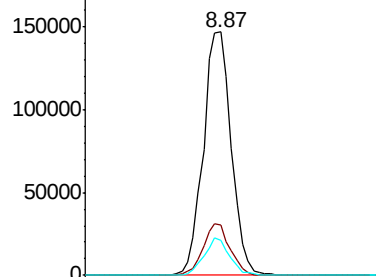
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	38.4
88	14.4	0.0	27.4



Abundance Ion 113.90 (113.60 to 114.60): V

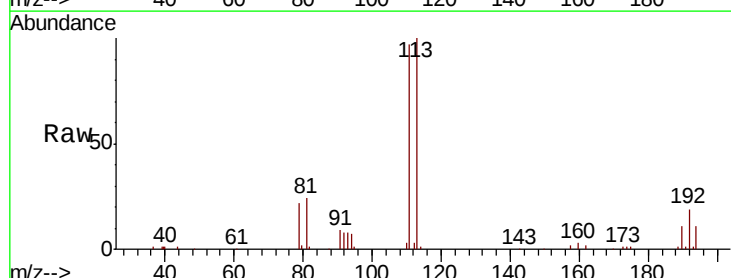
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
Dibromofluoromethane
Concen: 50.048 ug/l
RT: 7.93 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VD064042.D
Acq: 24 Oct 2019 13:01

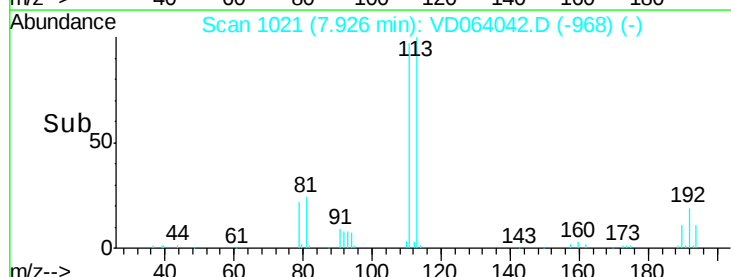
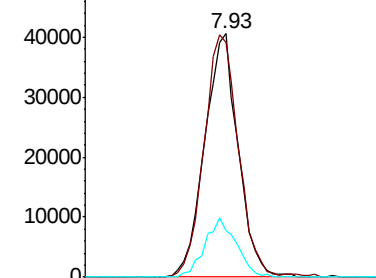
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.6	17.1	25.7

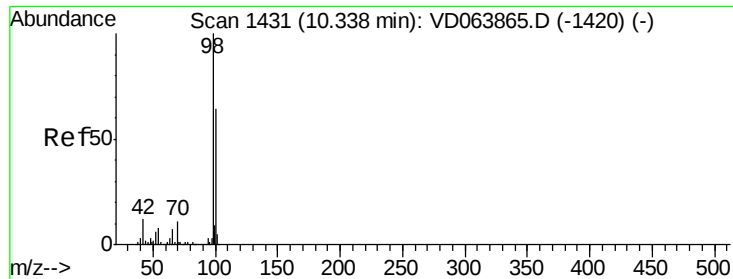


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.875 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064042.D

Acq: 24 Oct 2019 13:01

Instrument :

MSVOA_D

ClientSampleId :

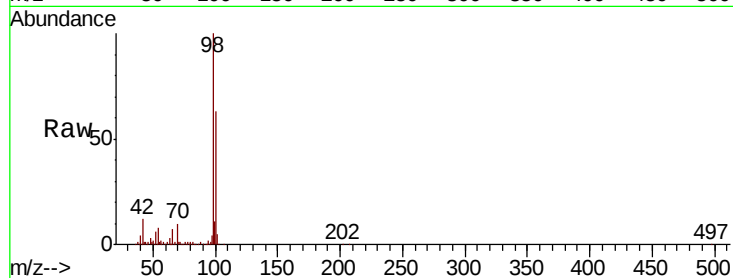
OR-02-102319

Tot Ion: 98 Resp: 412461

Ion Ratio Lower Upper

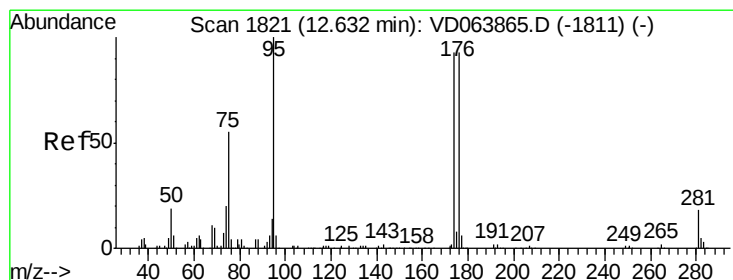
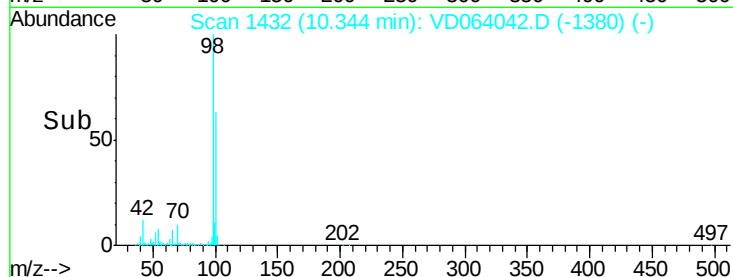
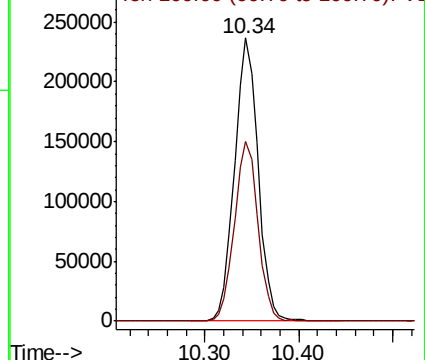
98 100

100 63.4 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: 46.809 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064042.D

Acq: 24 Oct 2019 13:01

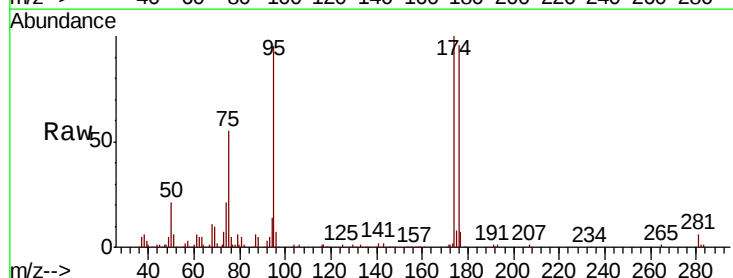
Tgt Ion: 95 Resp: 122263

Ion Ratio Lower Upper

95 100

174 98.4 0.0 186.4

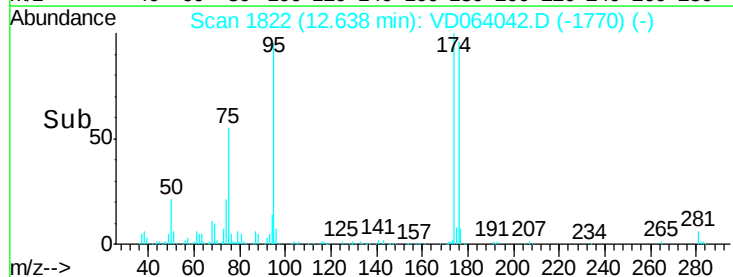
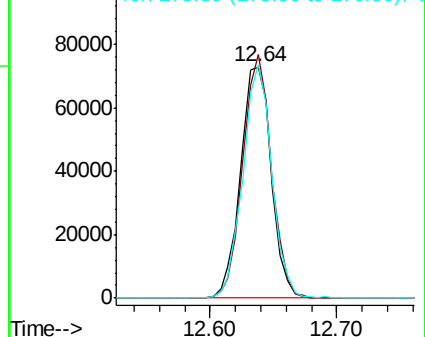
176 95.5 0.0 184.2

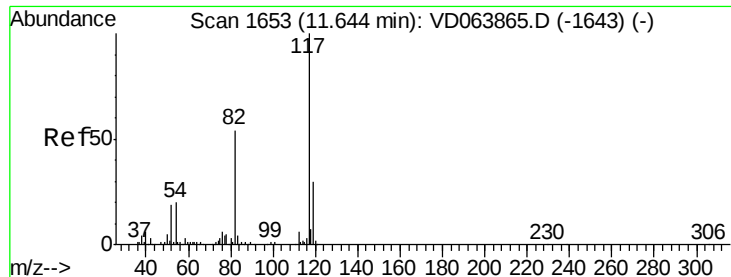


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

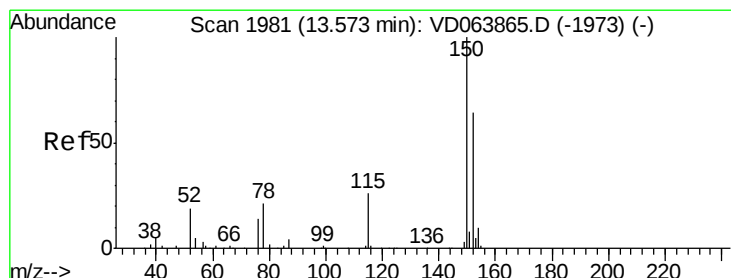
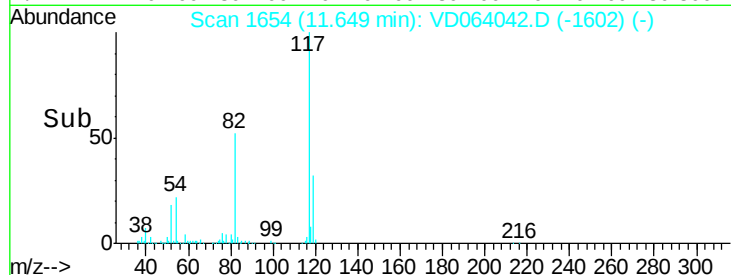
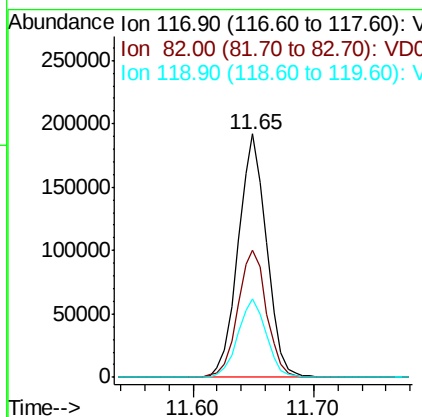
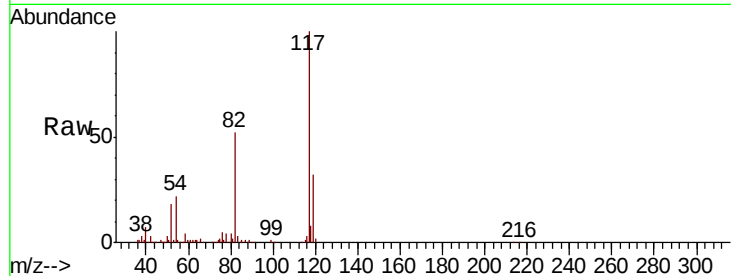




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064042.D
Acq: 24 Oct 2019 13:01

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102319

Tot Ion:117 Resp: 314192
Ion Ratio Lower Upper
117 100
82 52.2 42.8 64.2
119 32.2 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: VD064042.D
Acq: 24 Oct 2019 13:01

Tgt Ion:152 Resp: 147110
Ion Ratio Lower Upper
152 100
115 54.6 25.9 77.7
150 158.8 0.0 344.2

