

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101619\
 Data File : VD063990.D
 Acq On : 16 Oct 2019 16:43
 Operator : VA/SY
 Sample : K5153-01
 Misc : 6.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-101619

Quant Time: Oct 16 18:14:55 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

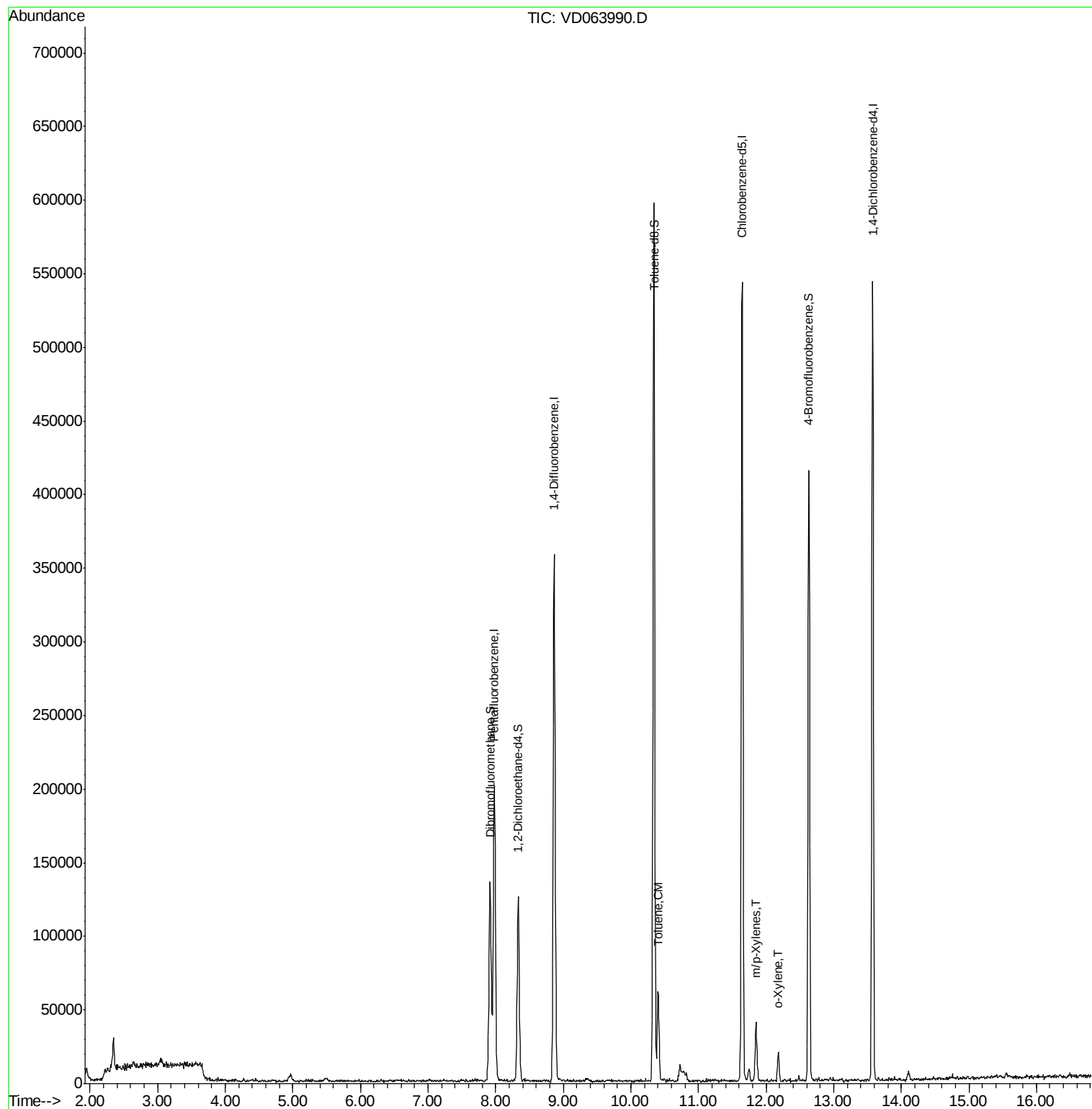
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	150768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	293633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	306114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	92922	63.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.62%	
35) Dibromofluoromethane	7.91	113	89968	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.34	98	405512	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.63	95	122408	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
Target Compounds						
52) Toluene	10.40	92	25648	4.856	ug/l	Qvalue 100
68) m/p-Xylenes	11.85	106	13017	3.042	ug/l	91
69) o-Xylene	12.18	106	5496	1.341	ug/l	84

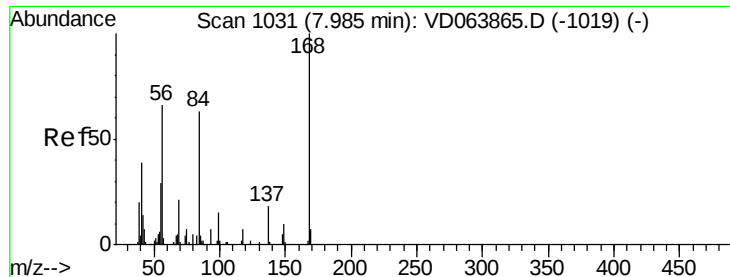
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 05 03:51:17 2019
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: VD063990.D

Acq: 16 Oct 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

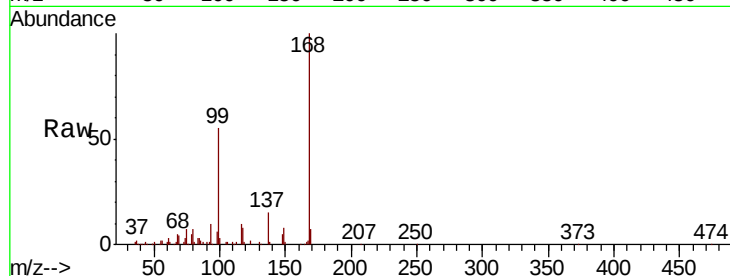
TR-04-101619

Tot Ion:168 Resp: 150768

Ion Ratio Lower Upper

168 100

99 54.8 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

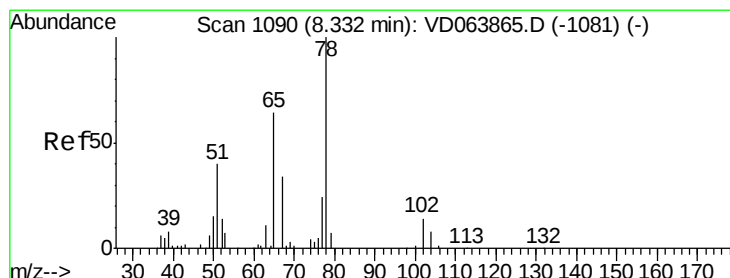
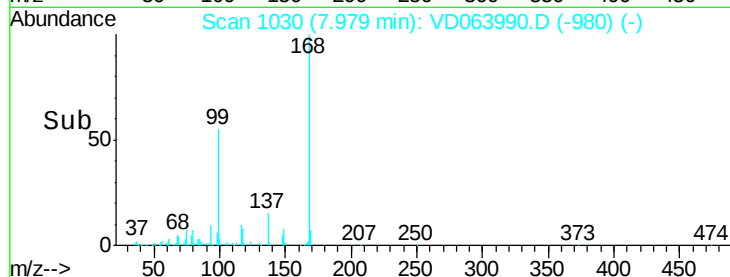
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 63.305 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063990.D

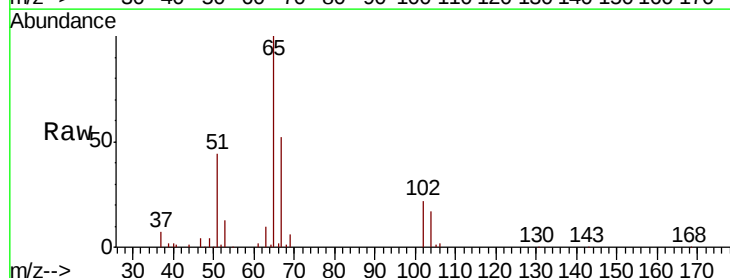
Acq: 16 Oct 2019 16:43

Tgt Ion: 65 Resp: 92922

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

50000

40000

30000

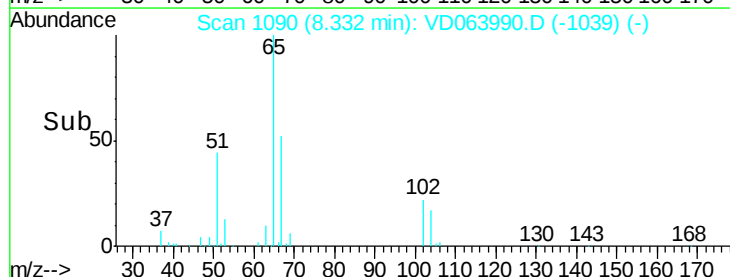
20000

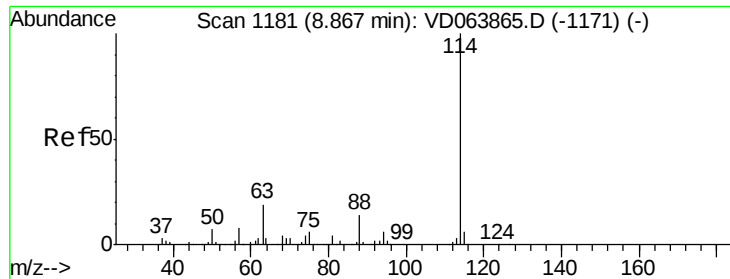
10000

0

8.30 8.40

Time-->

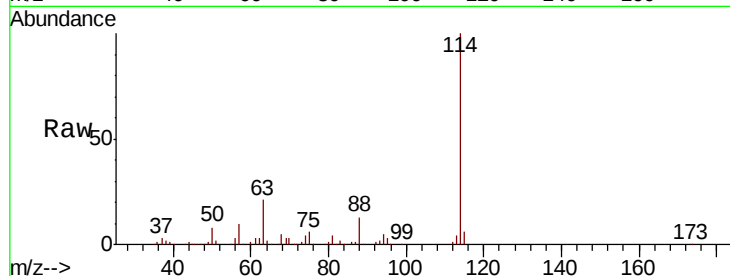




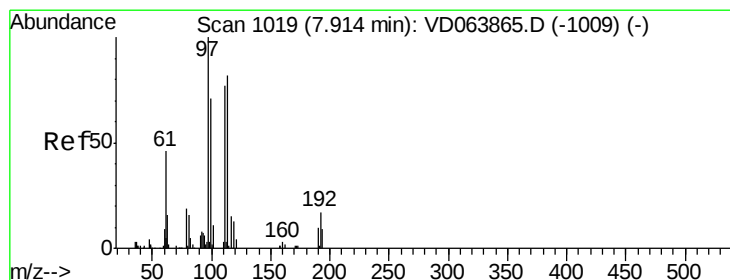
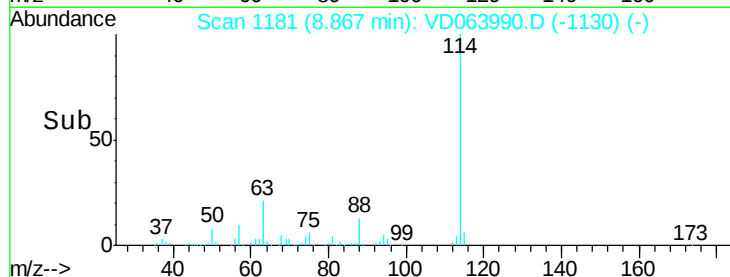
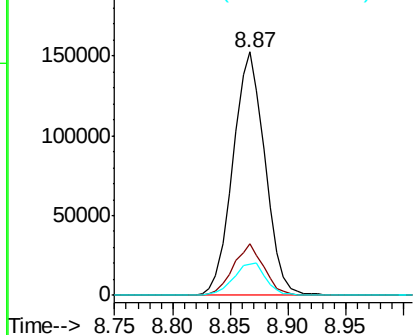
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063990.D
 Acq: 16 Oct 2019 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-101619

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	38.4
88	13.0	0.0	27.4

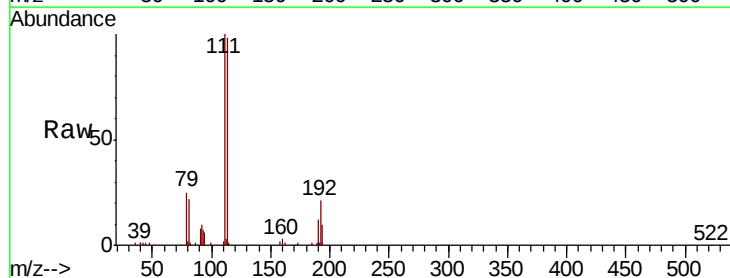


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

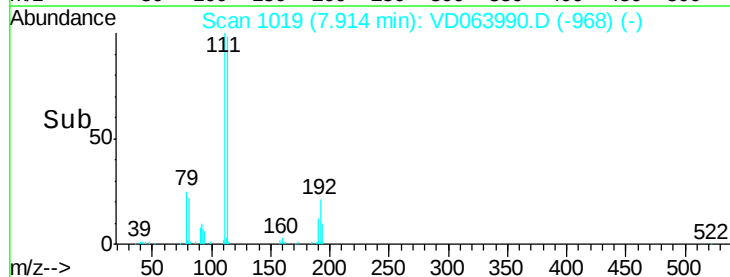
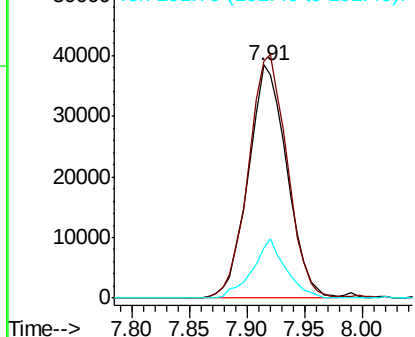


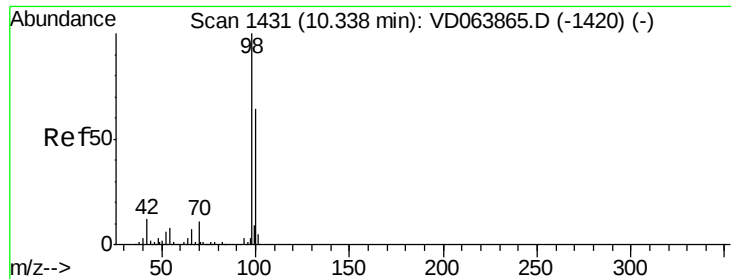
#35
 Dibromofluoromethane
 Concen: 50.136 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD063990.D
 Acq: 16 Oct 2019 16:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	21.7	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: 55.675 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063990.D

Acq: 16 Oct 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

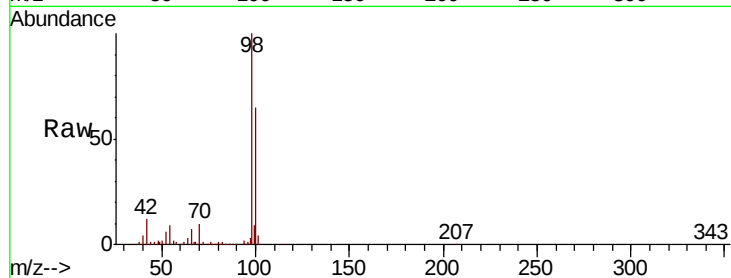
TR-04-101619

Tot Ion: 98 Resp: 405512

Ion Ratio Lower Upper

98 100

100 66.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

250000

200000

150000

100000

50000

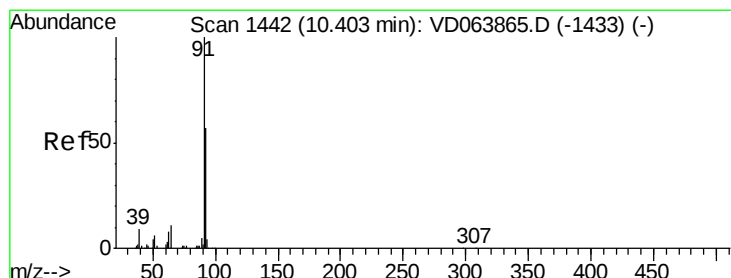
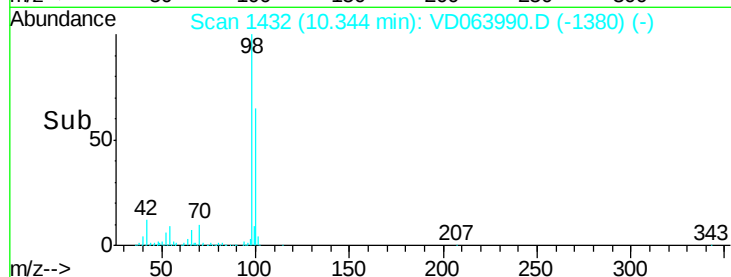
0

10.30

10.34

10.40

Time-->



#52

Toluene

Concen: 4.856 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD063990.D

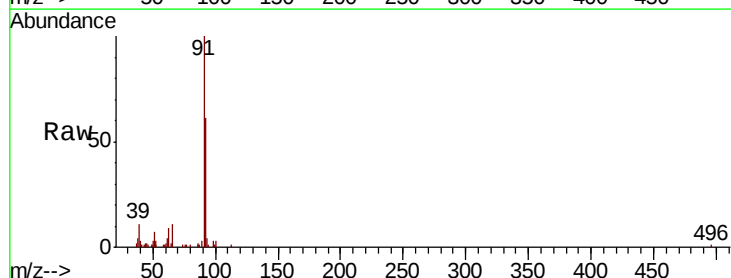
Acq: 16 Oct 2019 16:43

Tgt Ion: 92 Resp: 25648

Ion Ratio Lower Upper

92 100

91 174.3 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

25000

20000

15000

10000

5000

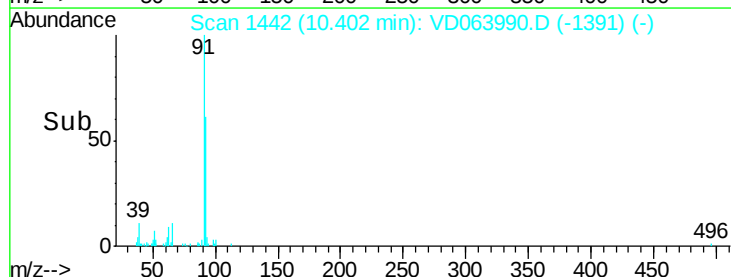
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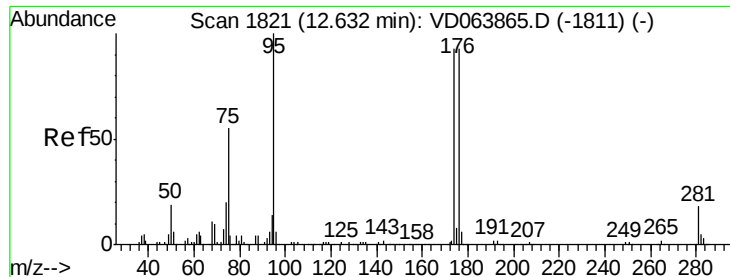
10.35

10.40

10.45

Time-->

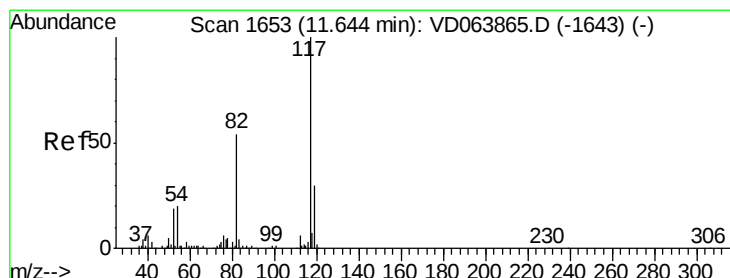
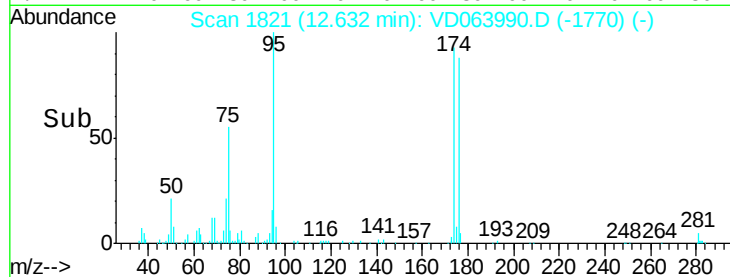
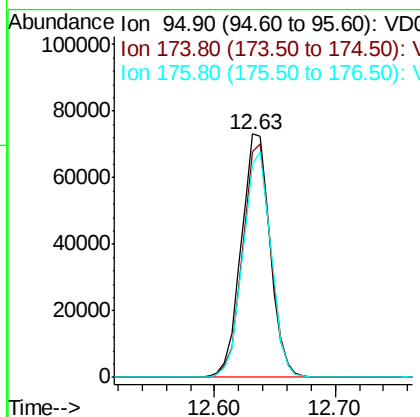
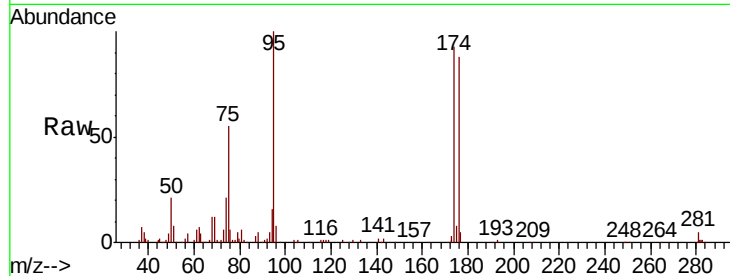




#62
4-Bromofluorobenzene
Concen: 48.363 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063990.D
Acq: 16 Oct 2019 16:43

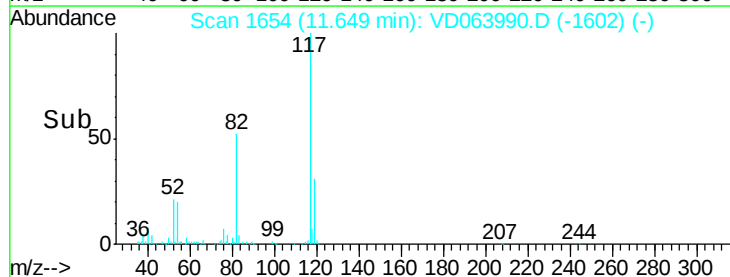
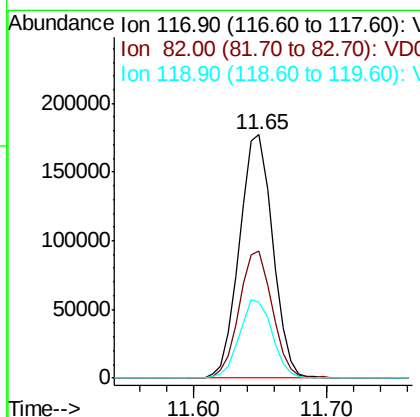
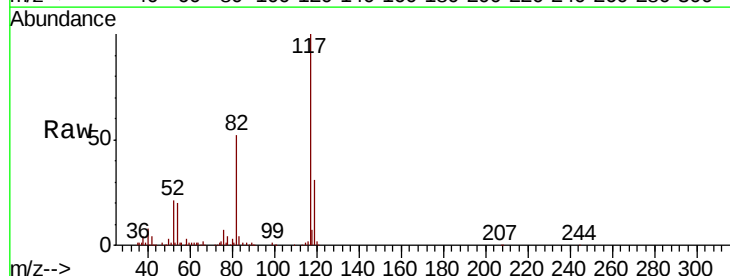
Instrument :
MSVOA_D
ClientSampleId :
TR-04-101619

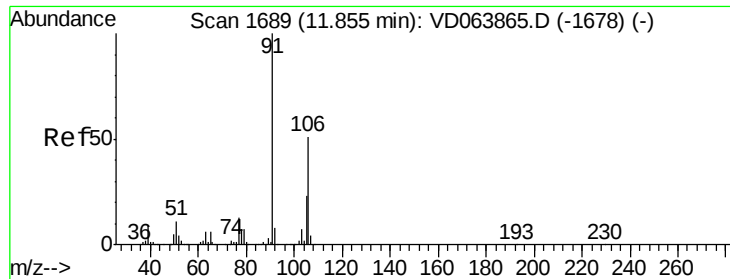
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	186.4
176	90.0	0.0	184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063990.D
Acq: 16 Oct 2019 16:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.8	64.2
119	31.0	24.4	36.6





#68

m/p-Xylenes

Concen: 3.042 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD063990.D

Acq: 16 Oct 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

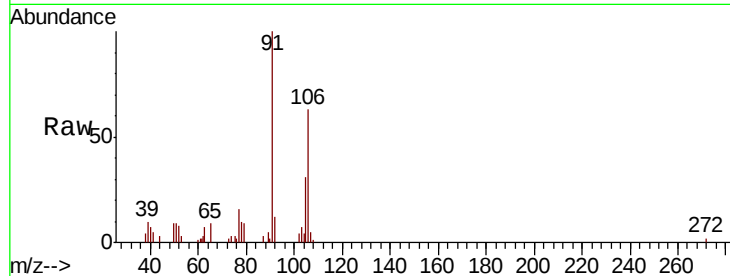
TR-04-101619

Tot Ion:106 Resp: 13017

Ion Ratio Lower Upper

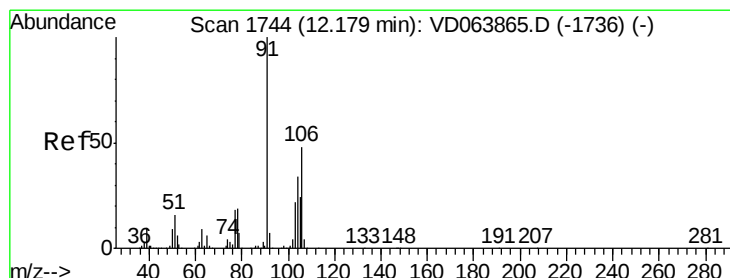
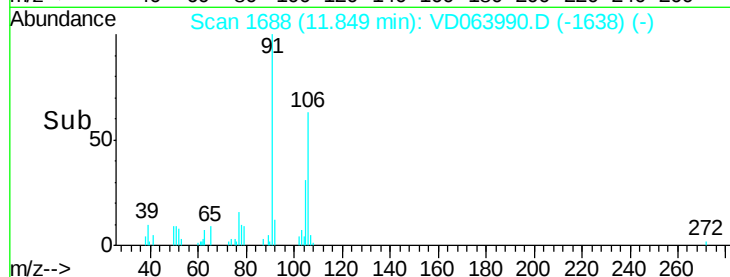
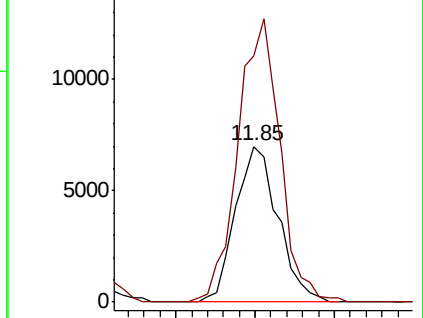
106 100

91 180.4 154.8 232.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC



#69

o-Xylene

Concen: 1.341 ug/l

RT: 12.18 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VD063990.D

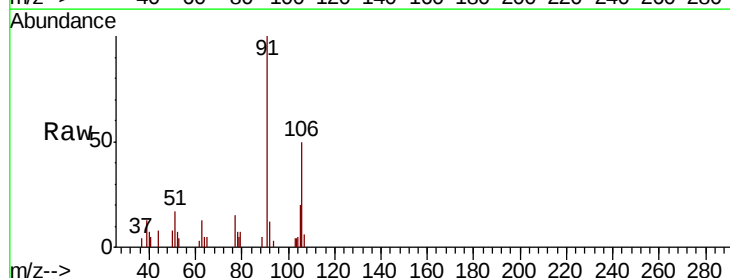
Acq: 16 Oct 2019 16:43

Tgt Ion:106 Resp: 5496

Ion Ratio Lower Upper

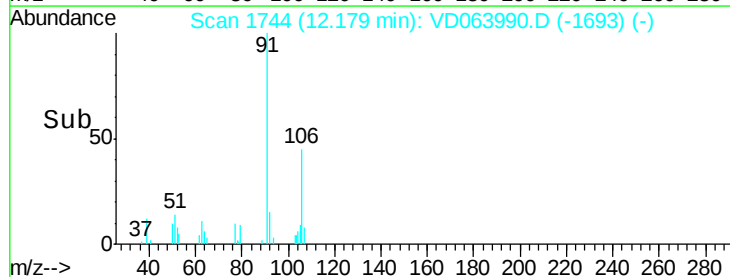
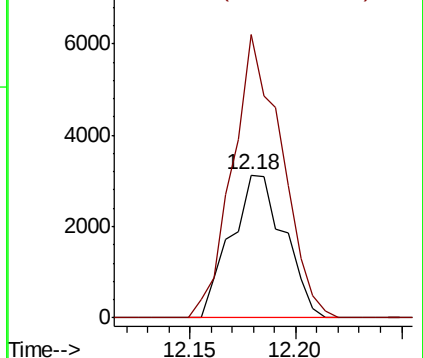
106 100

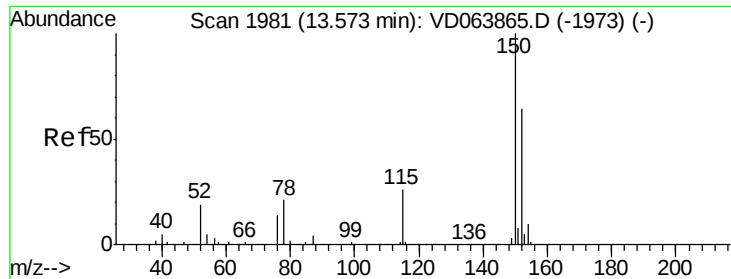
91 182.3 103.9 311.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063990.D

Acq: 16 Oct 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

TR-04-101619

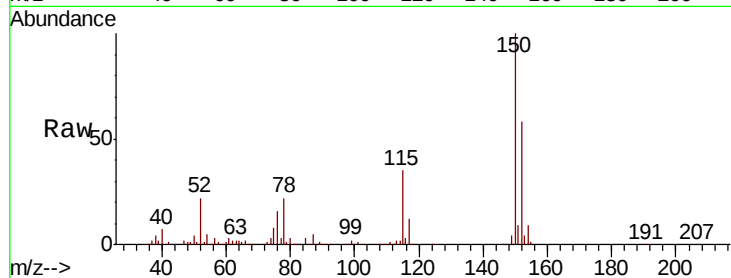
Tot Ion:152 Resp: 136276

Ion Ratio Lower Upper

152 100

115 56.3 25.9 77.7

150 162.7 0.0 344.2



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

