

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065659.D
 Acq On : 17 Apr 2020 22:10
 Operator : VA/SY
 Sample : L2323-08
 Misc : 7.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-19

Quant Time: Apr 20 08:34:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

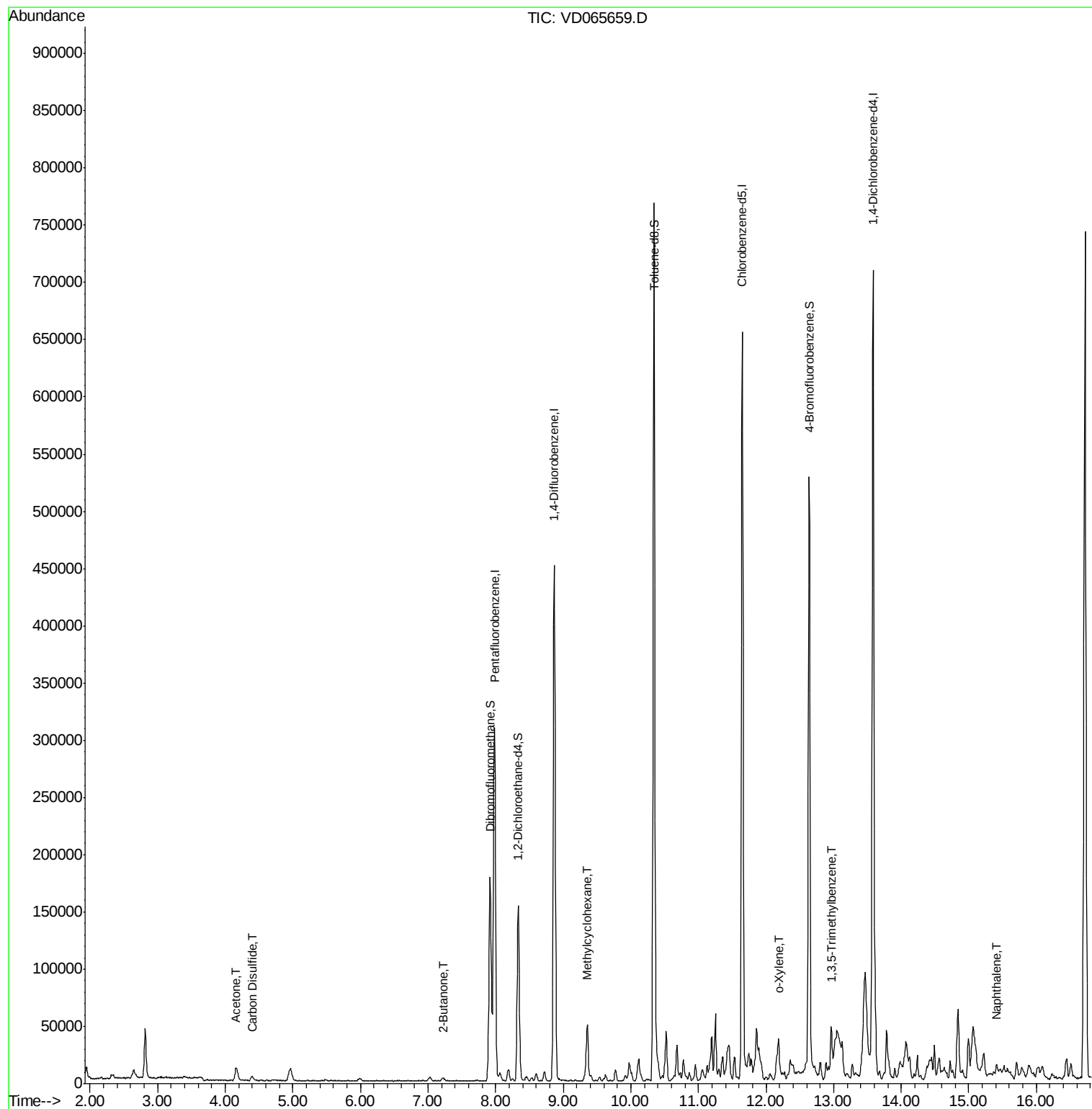
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	240080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	390650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	378910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	192385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	124347	60.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.78%	
35) Dibromofluoromethane	7.92	113	128380	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	10.34	98	487424	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
62) 4-Bromofluorobenzene	12.64	95	159873	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
Target Compounds						
16) Acetone	4.16	43	20840	71.350	ug/l	97
17) Carbon Disulfide	4.40	76	8019	7.170	ug/l	99
25) 2-Butanone	7.22	43	5248	9.630	ug/l #	87
39) Methylcyclohexane	9.36	83	17804	4.056	ug/l	96
69) o-Xylene	12.18	106	8792	2.023	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	15659	1.599	ug/l	100
95) Naphthalene	15.41	128	10828	5.735	ug/l #	91

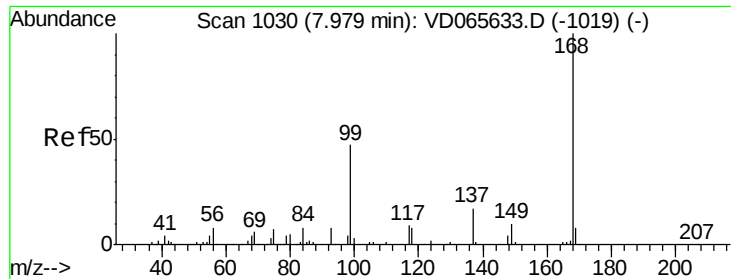
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 15 19:43:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065659.D

Acq: 17 Apr 2020 22:10

Instrument :

MSVOA_D

ClientSampleId :

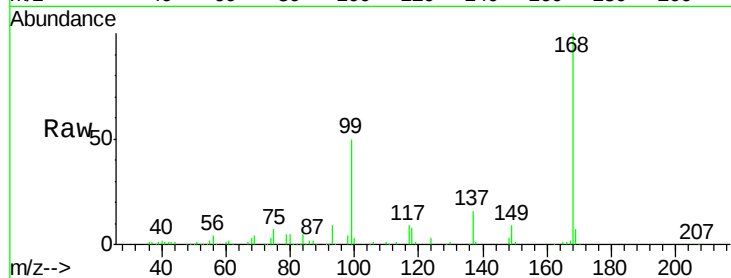
TP-19

Tot Ion:168 Resp: 240080

Ion Ratio Lower Upper

168 100

99 50.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

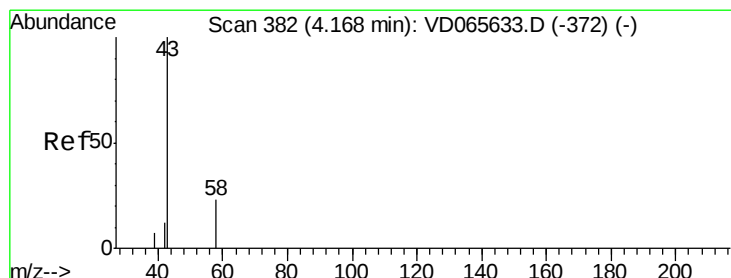
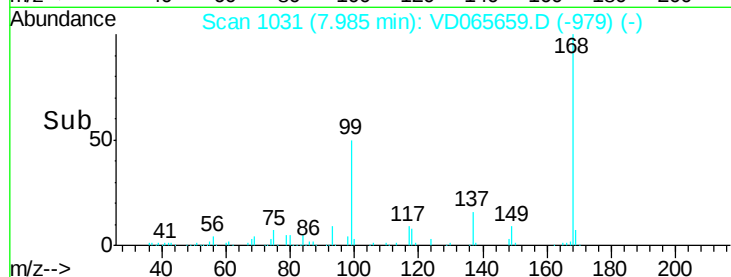
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 71.350 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD065659.D

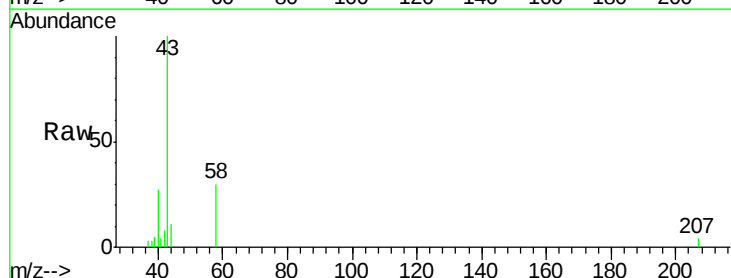
Acq: 17 Apr 2020 22:10

Tgt Ion: 43 Resp: 20840

Ion Ratio Lower Upper

43 100

58 30.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

8000

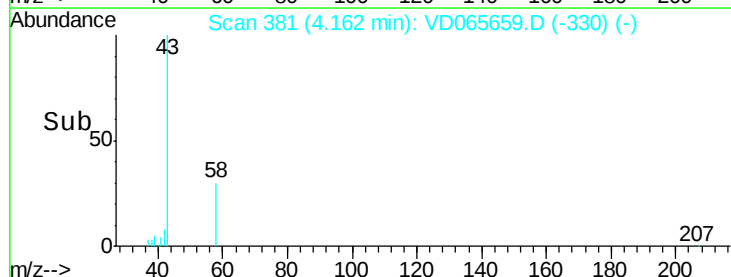
6000

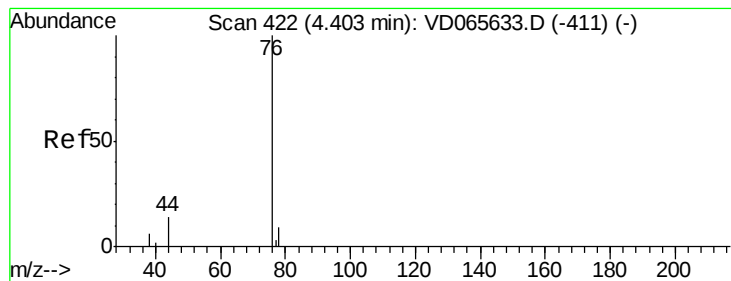
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 7.170 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: VD065659.D

Acq: 17 Apr 2020 22:10

Instrument :

MSVOA_D

ClientSampleId :

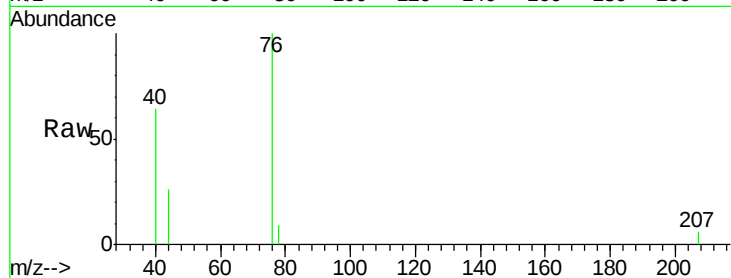
TP-19

Tot Ion: 76 Resp: 8019

Ion Ratio Lower Upper

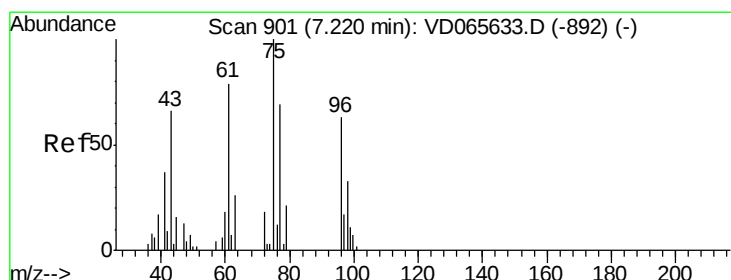
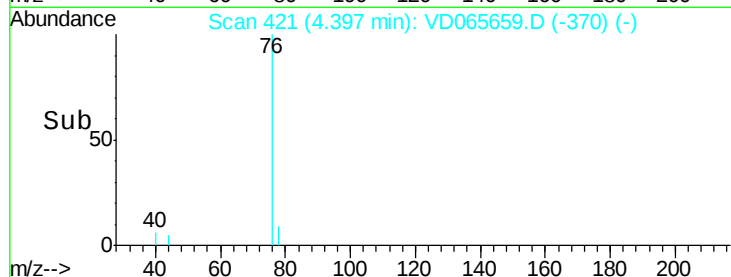
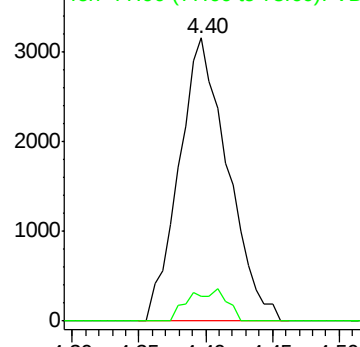
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 9.630 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065659.D

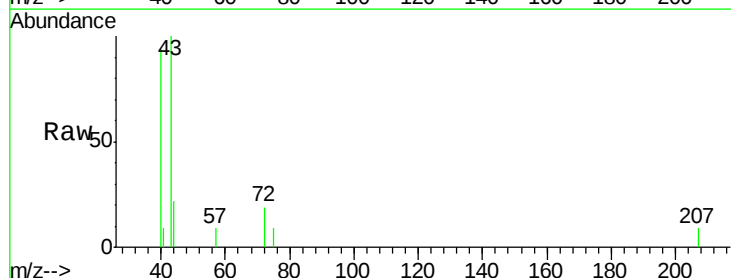
Acq: 17 Apr 2020 22:10

Tgt Ion: 43 Resp: 5248

Ion Ratio Lower Upper

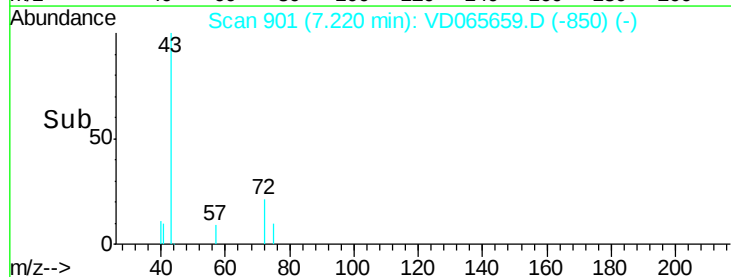
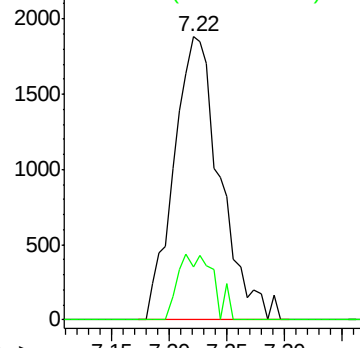
43 100

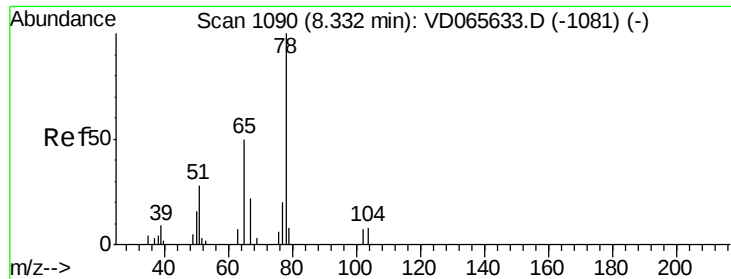
72 18.8 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 60.885 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065659.D

Acq: 17 Apr 2020 22:10

Instrument :

MSVOA_D

ClientSampleId :

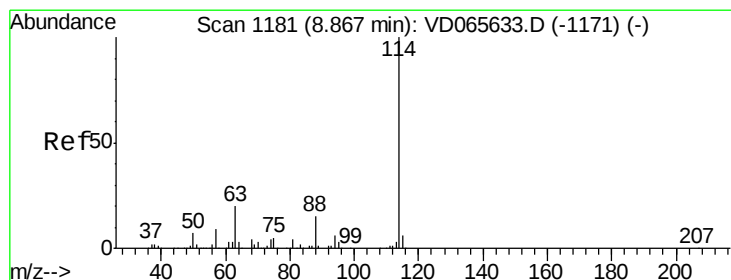
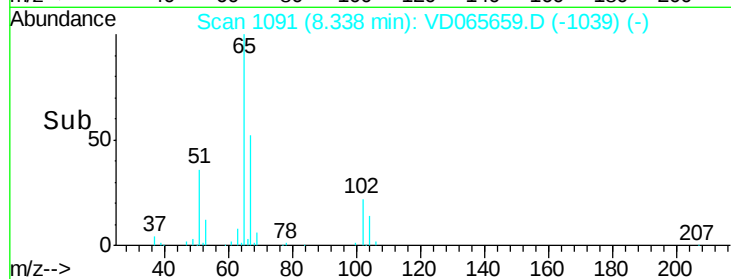
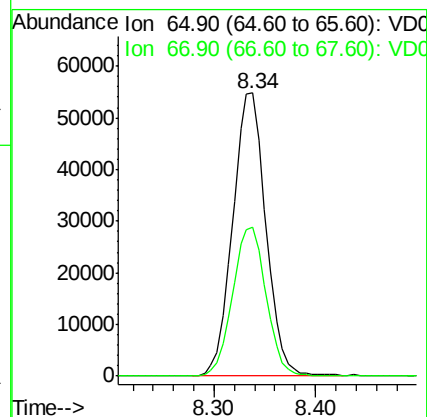
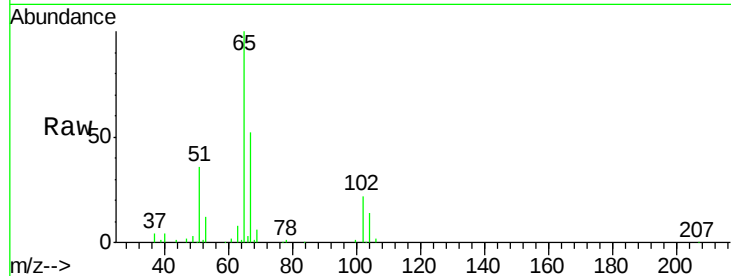
TP-19

Tot Ion: 65 Resp: 124347

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065659.D

Acq: 17 Apr 2020 22:10

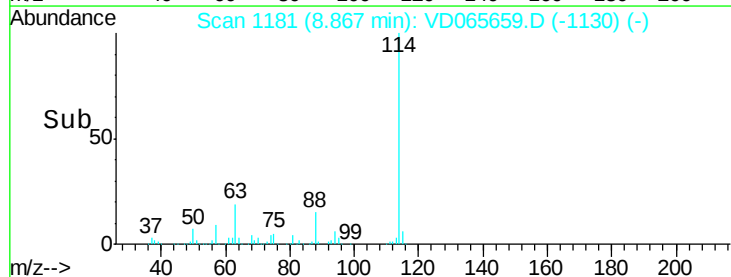
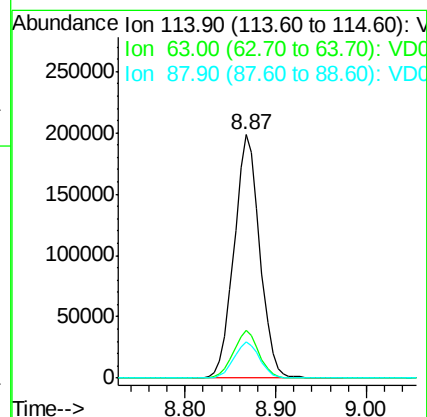
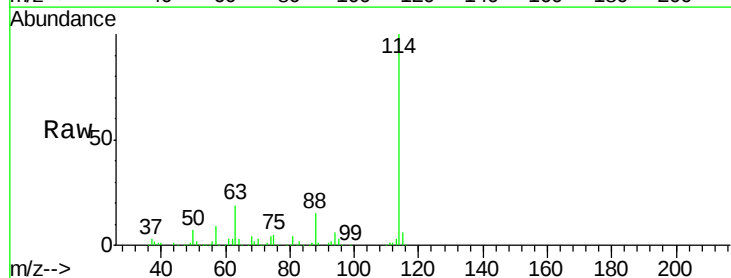
Tgt Ion: 114 Resp: 390650

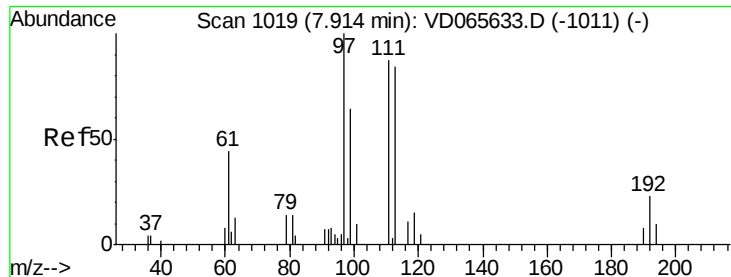
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 14.9 0.0 31.6

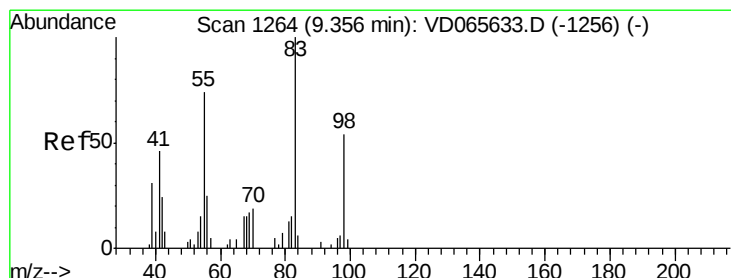
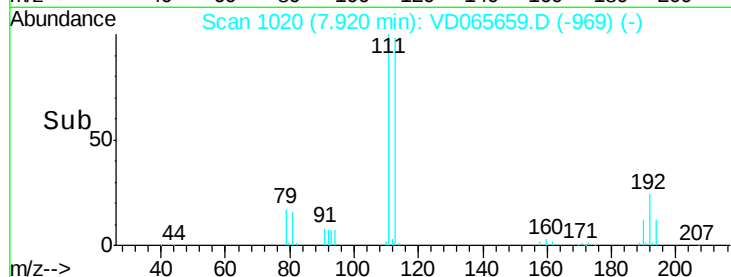
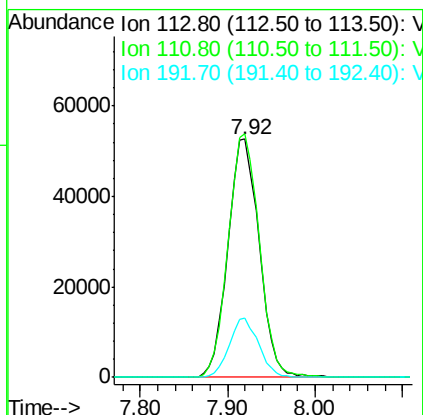
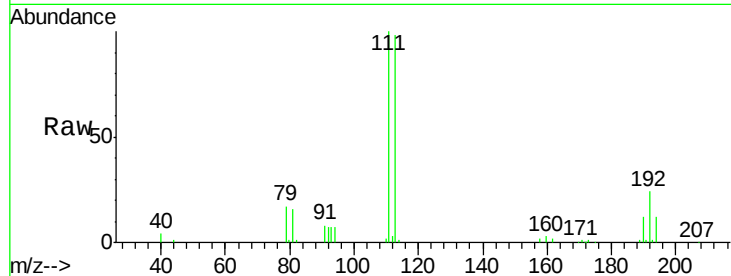




#35
Dibromofluoromethane
Concen: 52.803 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065659.D
Acq: 17 Apr 2020 22:10

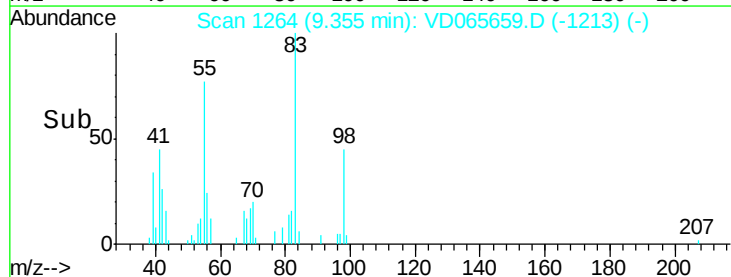
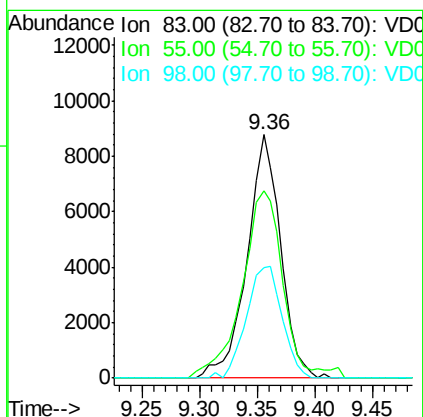
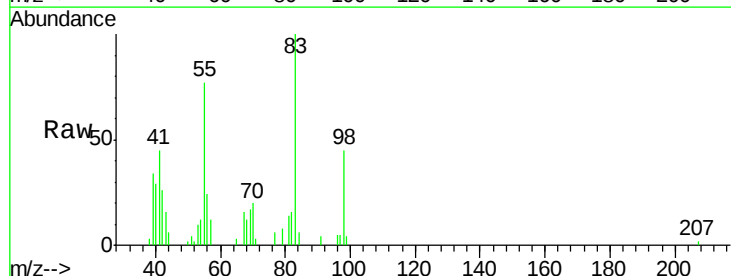
Instrument :
MSVOA_D
ClientSampleId :
TP-19

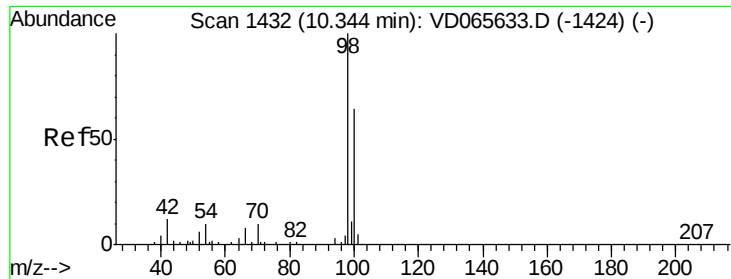
Tot Ion:113 Resp: 128380
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 23.4 18.9 28.3



#39
Methylcyclohexane
Concen: 4.056 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065659.D
Acq: 17 Apr 2020 22:10

Tgt Ion: 83 Resp: 17804
Ion Ratio Lower Upper
83 100
55 76.9 62.3 93.5
98 45.3 40.5 60.7

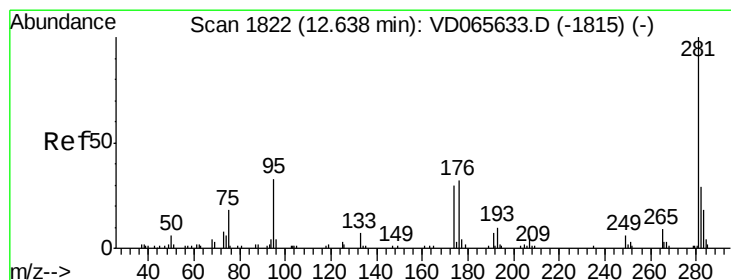
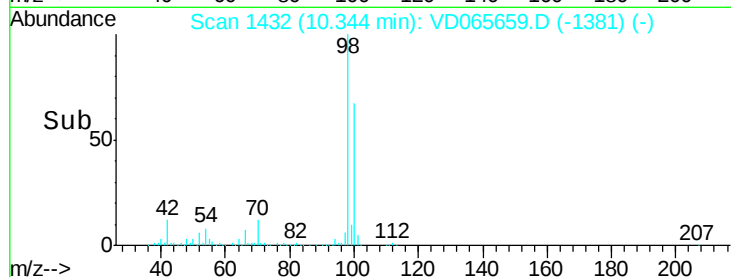
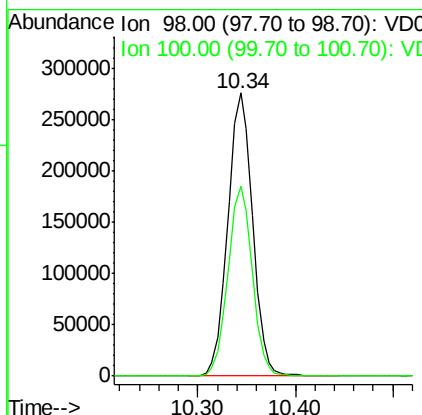
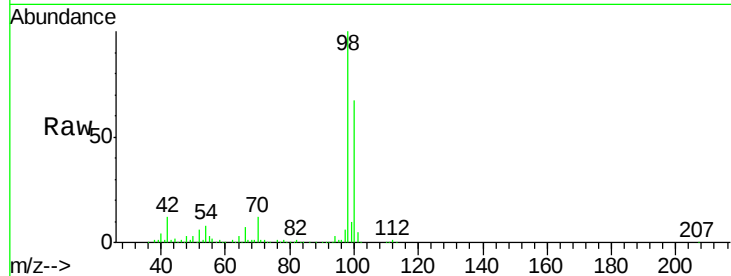




#50
Toluene-d8
Concen: 54.384 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065659.D
Acq: 17 Apr 2020 22:10

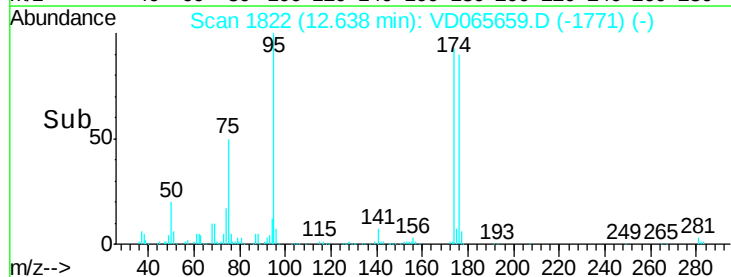
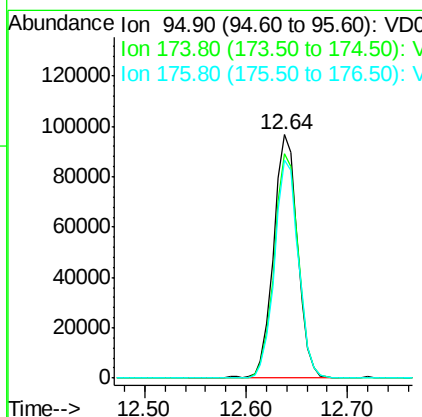
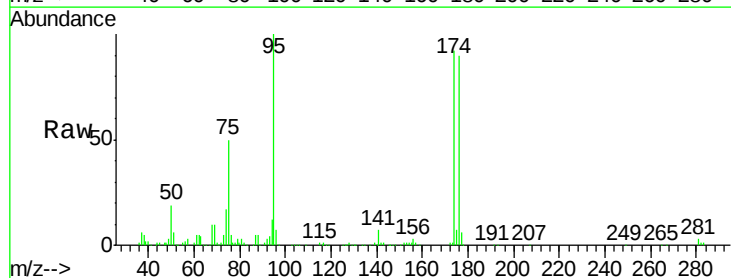
Instrument :
MSVOA_D
ClientSampleId :
TP-19

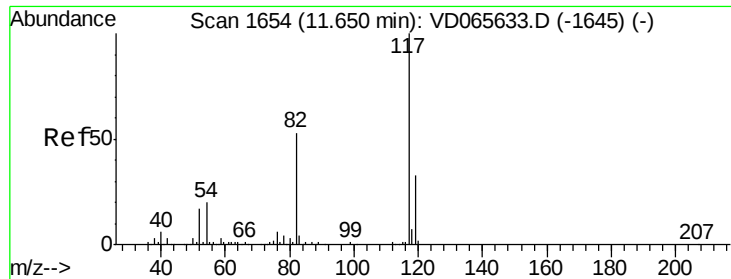
Tot Ion: 98 Resp: 487424
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.608 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065659.D
Acq: 17 Apr 2020 22:10

Tgt Ion: 95 Resp: 159873
Ion Ratio Lower Upper
95 100
174 92.6 0.0 183.8
176 88.9 0.0 181.4

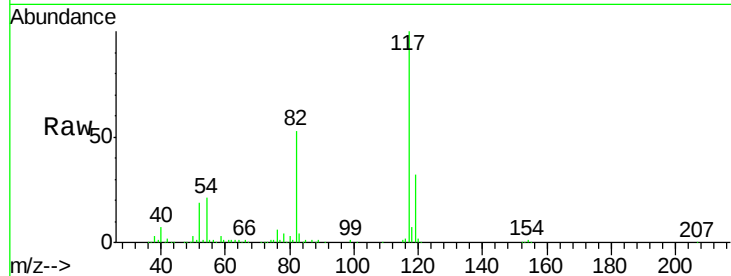




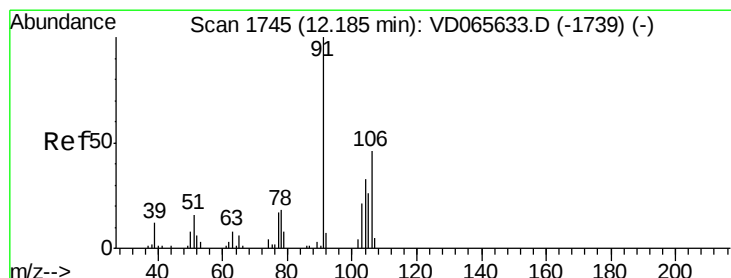
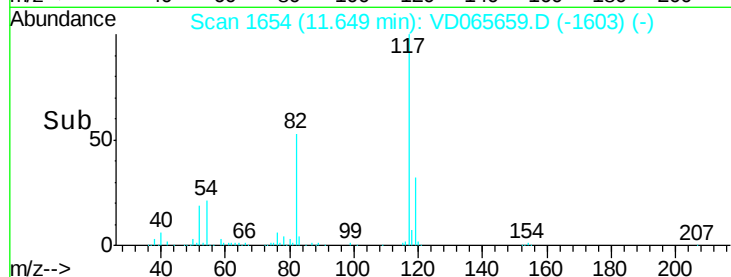
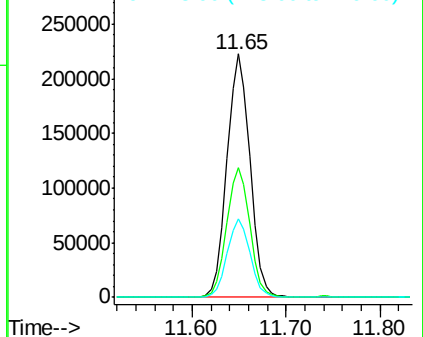
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065659.D
Acq: 17 Apr 2020 22:10

Instrument :
MSVOA_D
ClientSampleId :
TP-19

Tot Ion:117 Resp: 378910
Ion Ratio Lower Upper
117 100
82 53.2 43.2 64.8
119 32.4 26.2 39.4

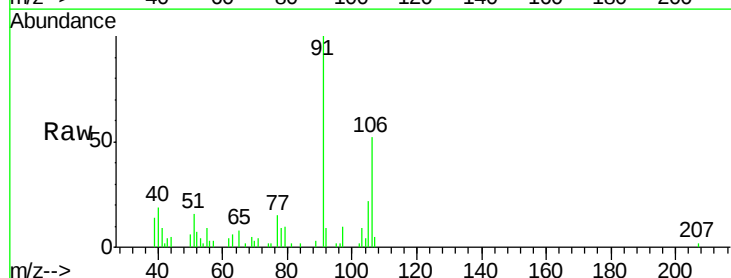


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

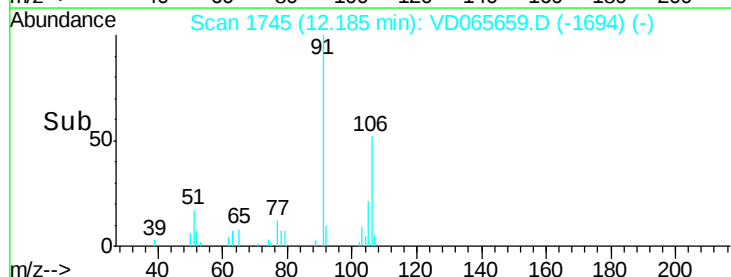
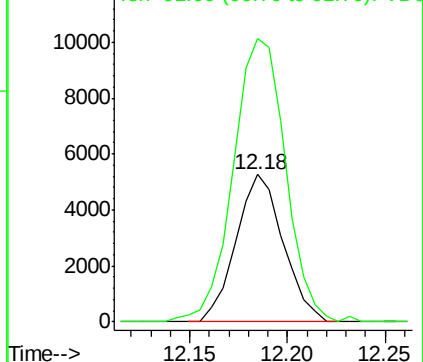


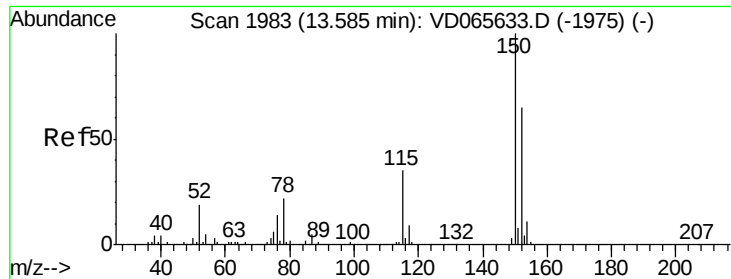
#69
o-Xylene
Concen: 2.023 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065659.D
Acq: 17 Apr 2020 22:10

Tgt Ion:106 Resp: 8792
Ion Ratio Lower Upper
106 100
91 213.9 103.6 310.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065659.D

Acq: 17 Apr 2020 22:10

Instrument :

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ClientSampleId :

TP-19

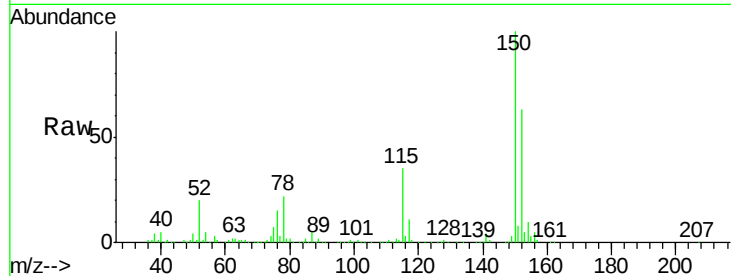
Tot Ion:152 Resp: 192385

Ion Ratio Lower Upper

152 100

115 57.5 27.6 82.7

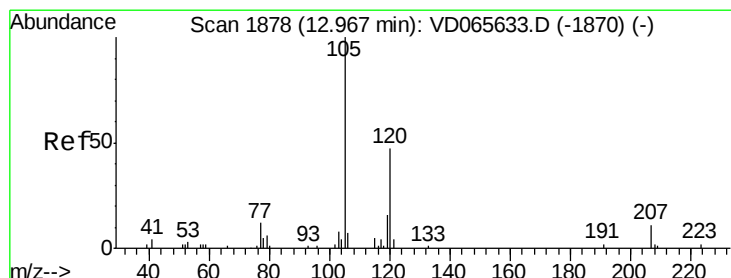
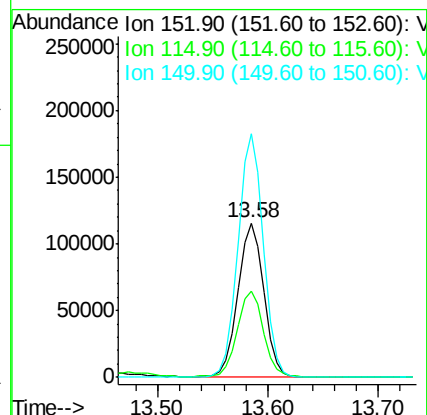
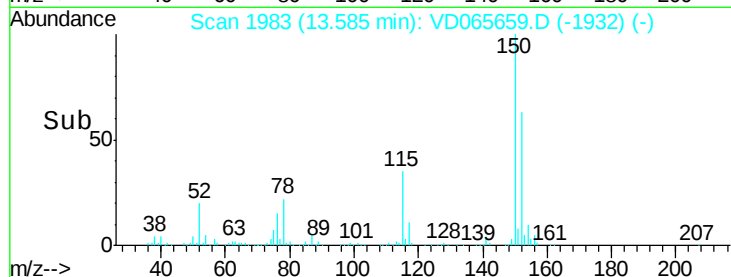
150 152.6 0.0 346.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.599 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065659.D

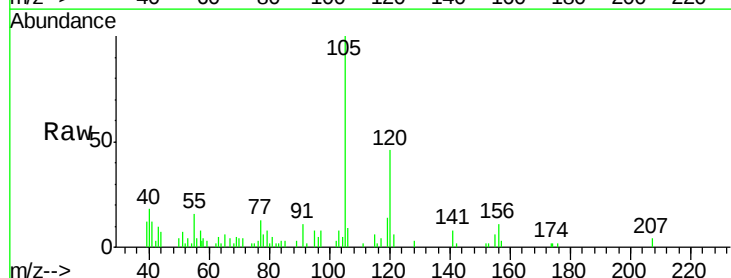
Acq: 17 Apr 2020 22:10

Tgt Ion:105 Resp: 15659

Ion Ratio Lower Upper

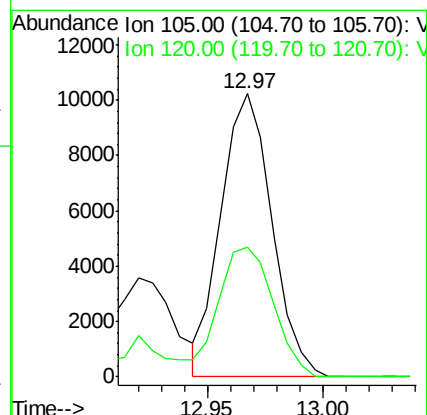
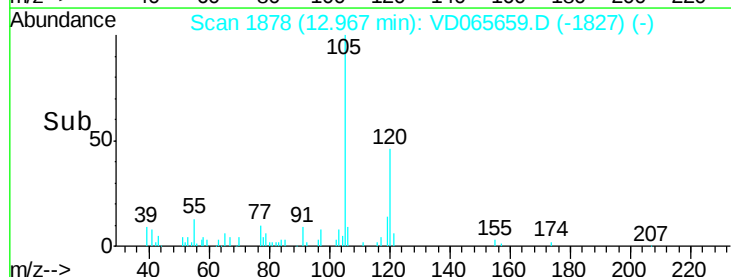
105 100

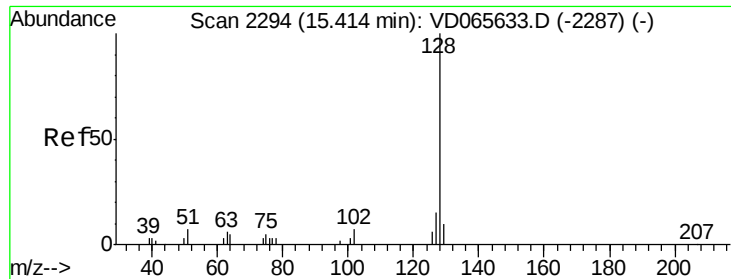
120 50.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.735 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD065659.D

Acq: 17 Apr 2020 22:10

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MSVOA_D

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TP-19

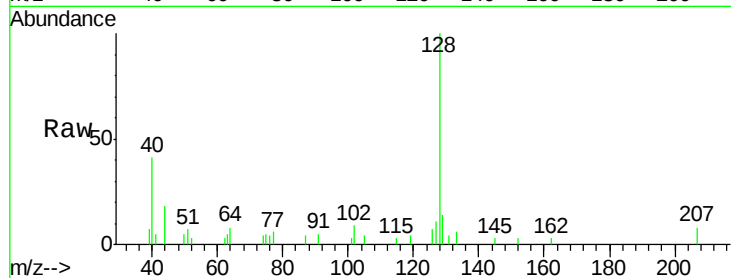
Tot Ion:128 Resp: 10828

Ion Ratio Lower Upper

128 100

127 15.8 10.6 16.0

129 15.5 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

