

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066857.D
 Acq On : 24 Sep 2020 18:01
 Operator : VA/SY
 Sample : L4127-02
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3(13-15)

Quant Time: Sep 25 02:11:04 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

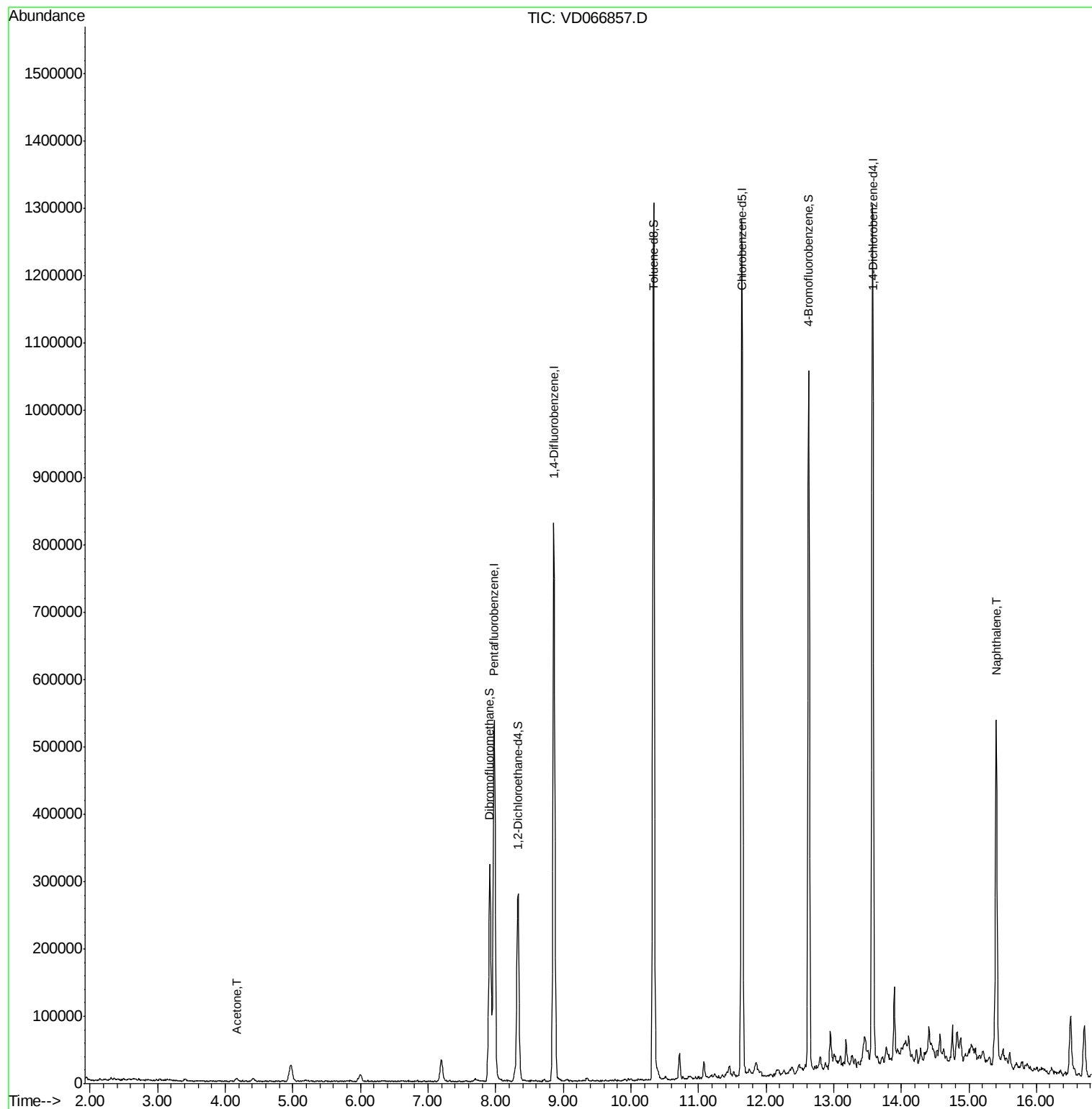
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	389313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	706970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	727851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	331355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	222191	58.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.62%	
35) Dibromofluoromethane	7.91	113	230862	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.34	98	876226	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
62) 4-Bromofluorobenzene	12.63	95	329019	62.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.44%	
Target Compounds						
16) Acetone	4.17	43	6933	8.577	ug/l	90
95) Naphthalene	15.41	128	460699	45.554	ug/l	99

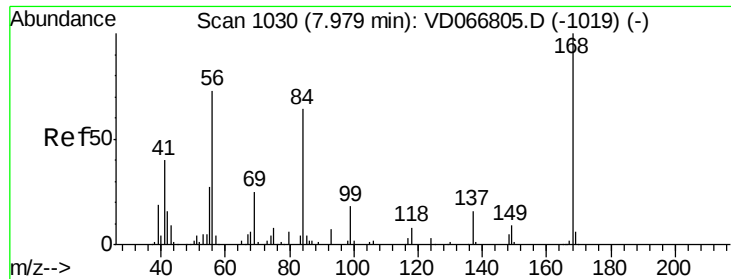
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066857.D

Acq: 24 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

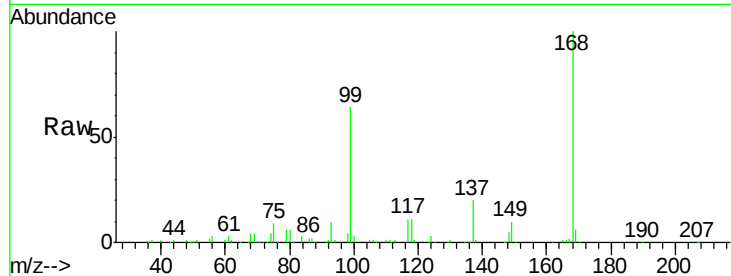
B-3(13-15)

Tot Ion:168 Resp: 389313

Ion Ratio Lower Upper

168 100

99 63.8 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

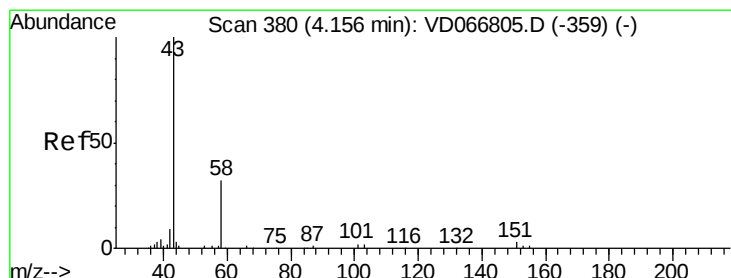
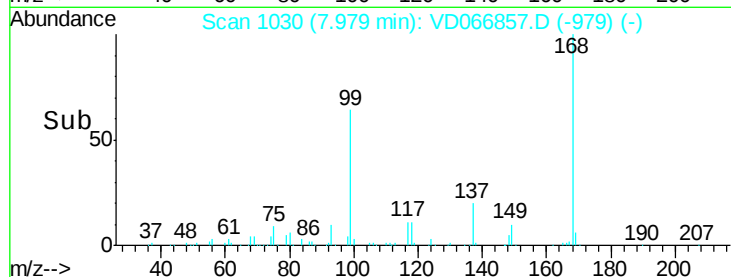
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.577 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD066857.D

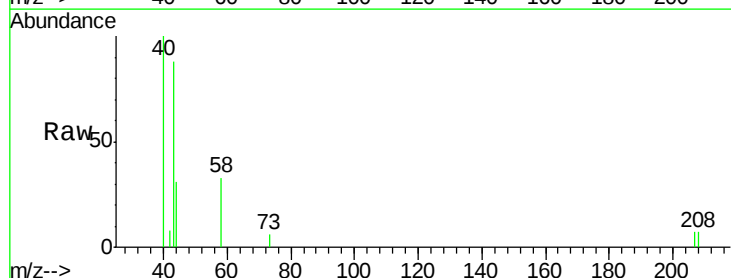
Acq: 24 Sep 2020 18:01

Tgt Ion: 43 Resp: 6933

Ion Ratio Lower Upper

43 100

58 37.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2500

2000

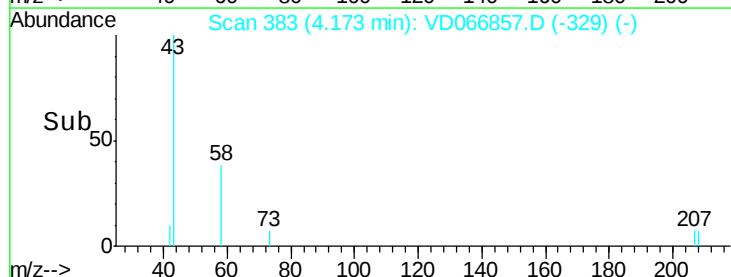
1500

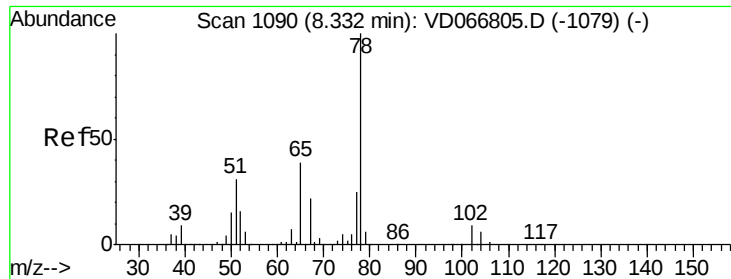
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.311 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066857.D

Acq: 24 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampled :

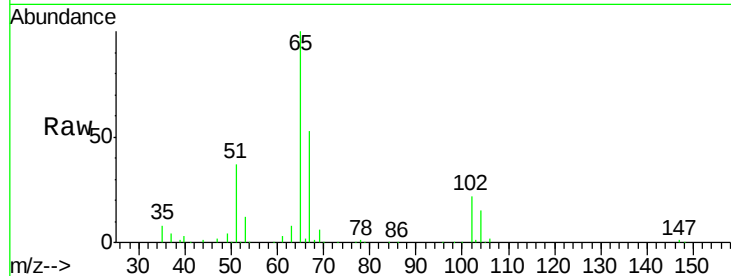
B-3(13-15)

Tot Ion: 65 Resp: 222191

Ion Ratio Lower Upper

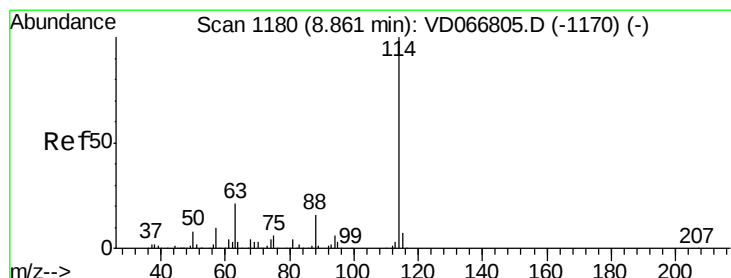
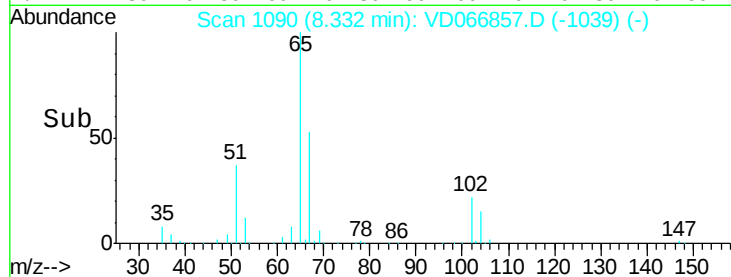
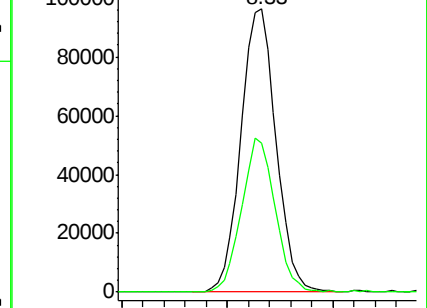
65 100

67 52.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066857.D

Acq: 24 Sep 2020 18:01

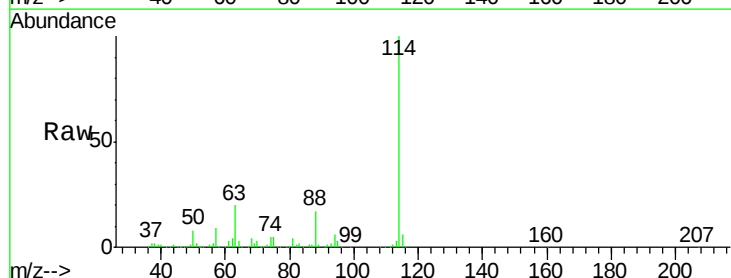
Tgt Ion: 114 Resp: 706970

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

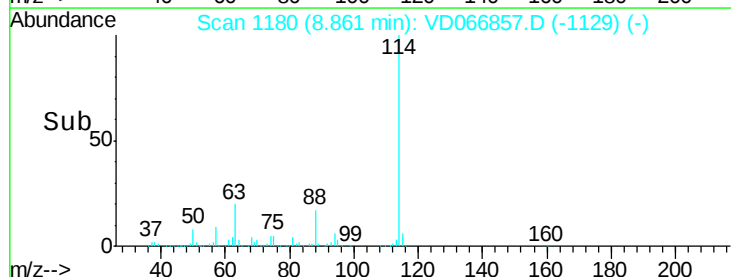
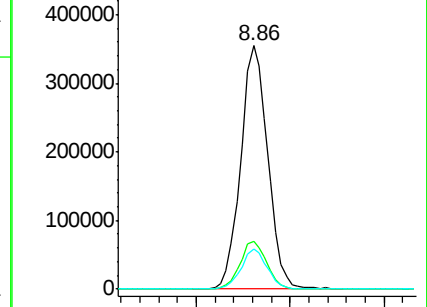
88 16.7 0.0 32.6

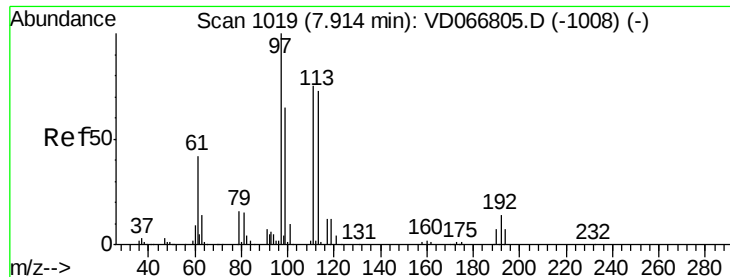


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

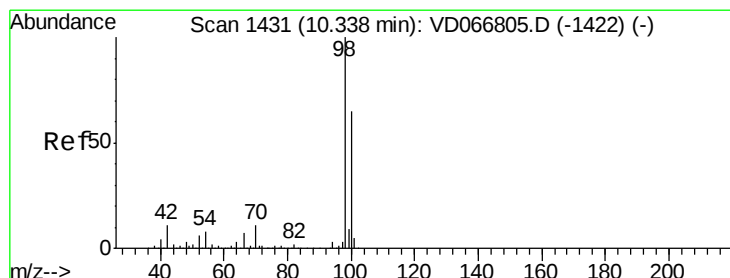
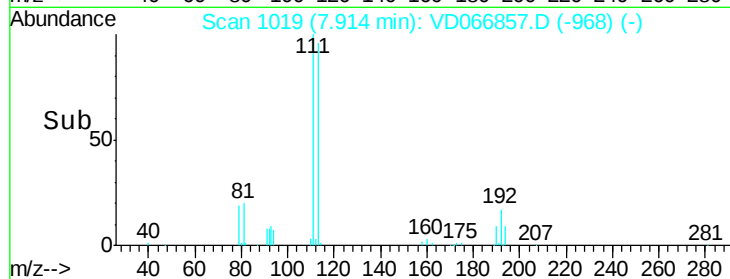
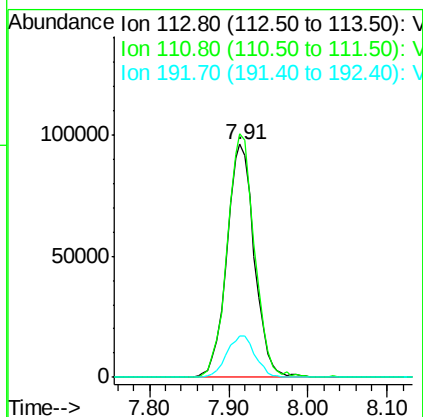
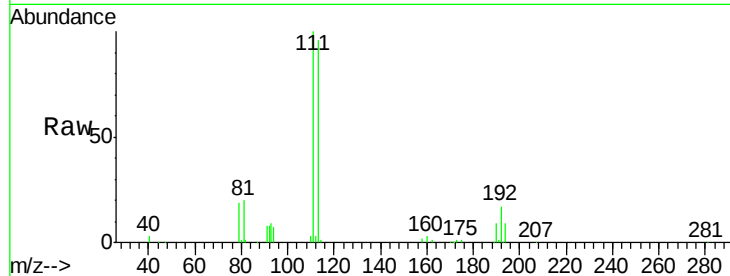




#35
Dibromofluoromethane
Concen: 51.328 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066857.D
Acq: 24 Sep 2020 18:01

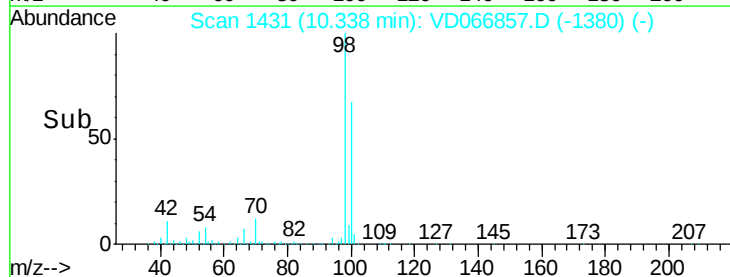
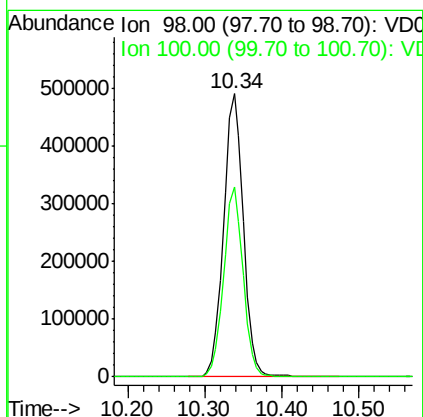
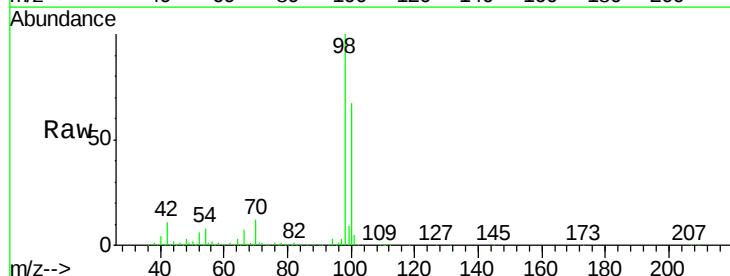
Instrument :
MSVOA_D
ClientSampleId :
B-3(13-15)

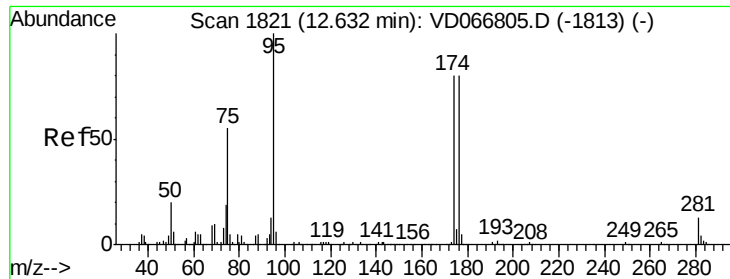
Tot Ion:113 Resp: 230862
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 18.2 14.4 21.6



#50
Toluene-d8
Concen: 57.178 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066857.D
Acq: 24 Sep 2020 18:01

Tgt Ion: 98 Resp: 876226
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 62.716 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066857.D

Acq: 24 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-3(13-15)

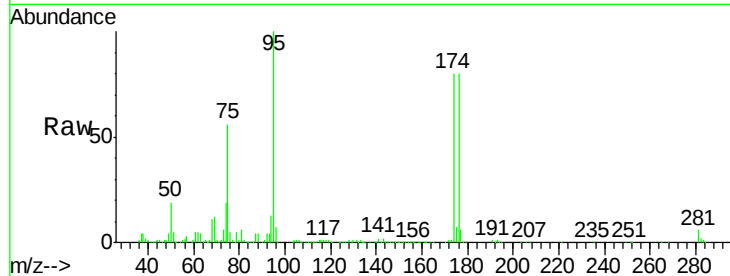
Tot Ion: 95 Resp: 329019

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.8

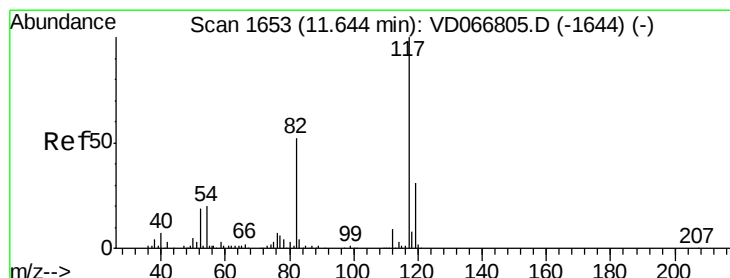
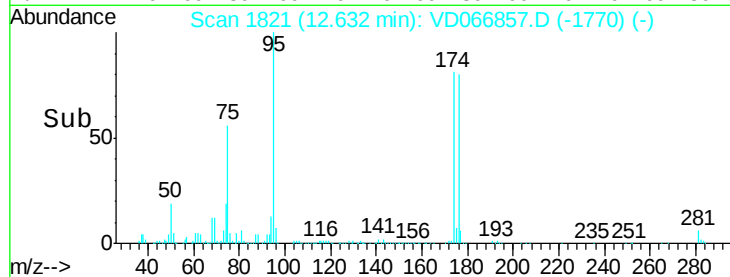
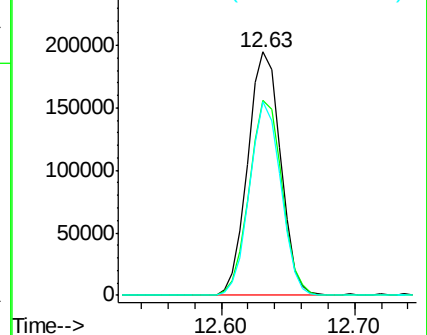
176 76.1 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066857.D

Acq: 24 Sep 2020 18:01

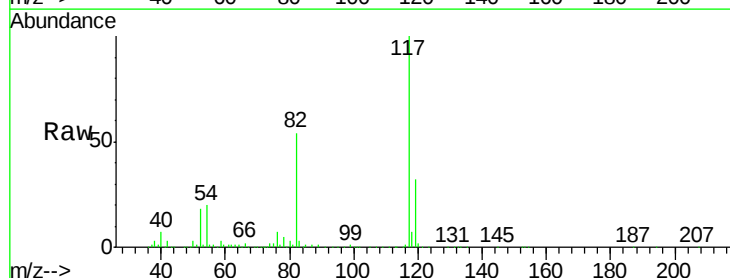
Tgt Ion: 117 Resp: 727851

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.6

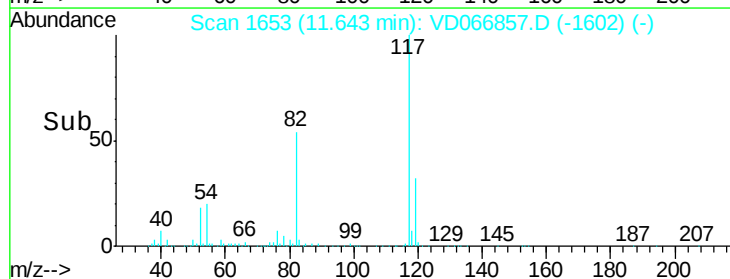
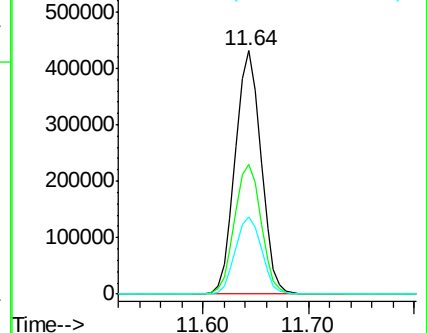
119 31.9 24.6 37.0

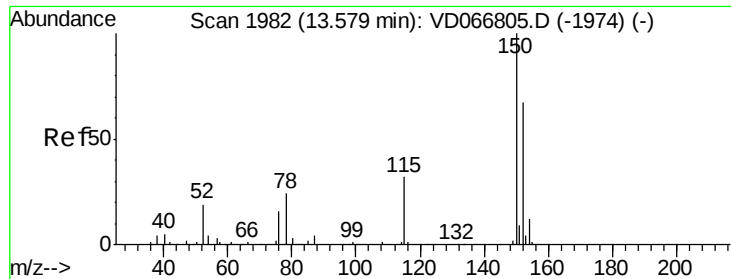


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066857.D

Acq: 24 Sep 2020 18:01

Instrument :

MSVOA_D

ClientSampleId :

B-3(13-15)

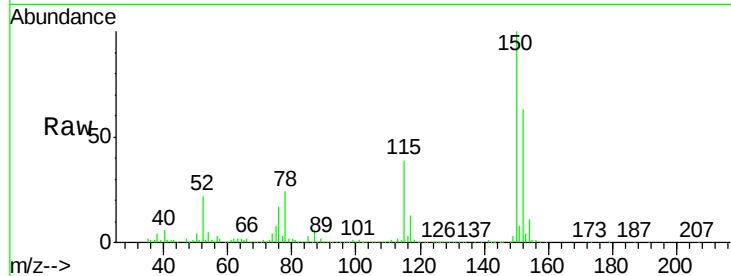
Tot Ion:152 Resp: 331355

Ion Ratio Lower Upper

152 100

115 60.9 30.3 91.0

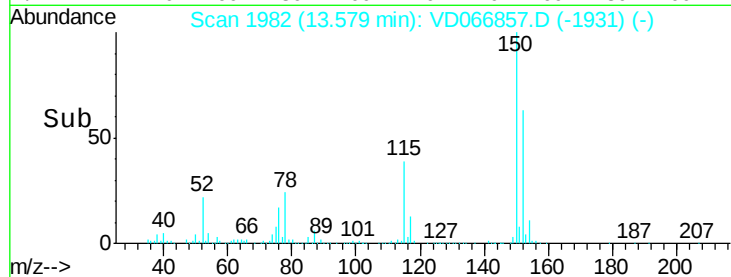
150 157.9 0.0 346.2



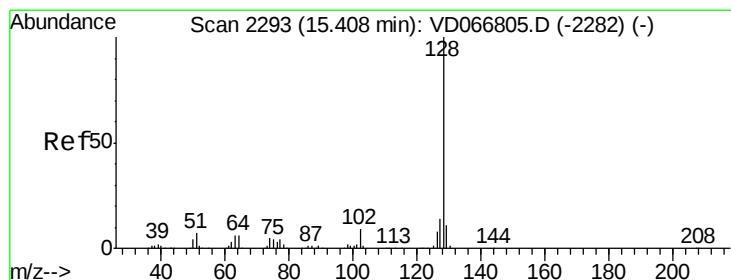
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#95

Naphthalene

Concen: 45.554 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066857.D

Acq: 24 Sep 2020 18:01

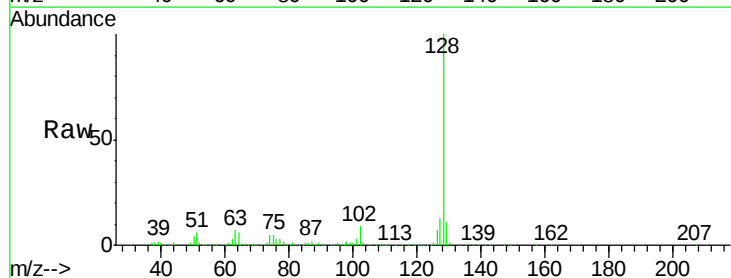
Tgt Ion:128 Resp: 460699

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

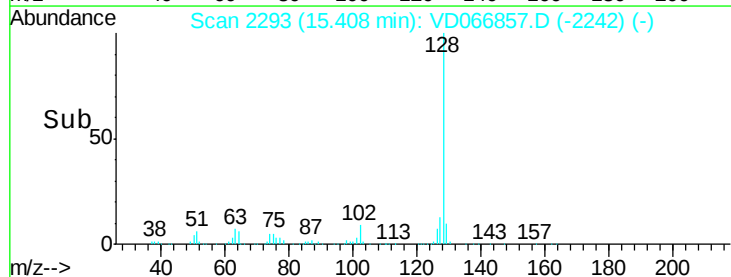
129 11.4 8.9 13.3



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



Time-->