

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001864.D
 Acq On : 04 Mar 2020 19:11
 Operator : SY/MD
 Sample : L1778-14
 Misc : 8.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S5

Quant Time: Mar 05 05:37:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	141268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	275046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	92234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	88050	58.38	ug/l	0.00
Spiked Amount			Recovery	=	116.76%	
35) Dibromofluoromethane	7.74	113	80103	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
50) Toluene-d8	10.19	98	329294	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.49	95	103053	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	

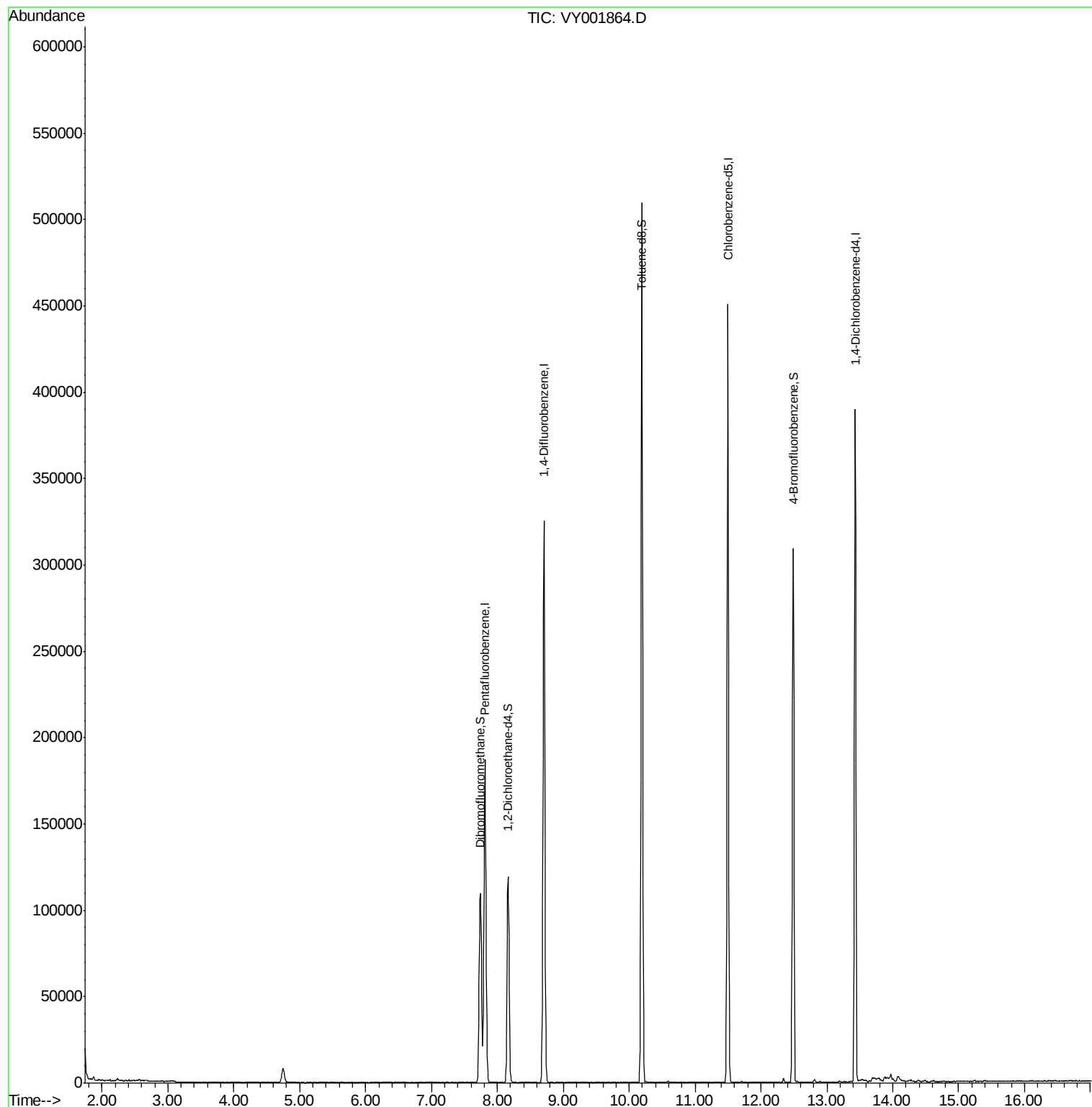
Target Compounds	Qvalue
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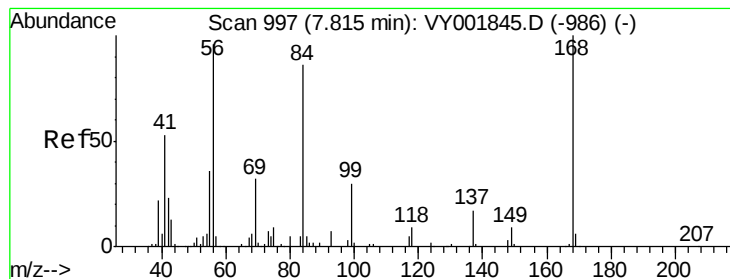
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001864.D

Acq: 04 Mar 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

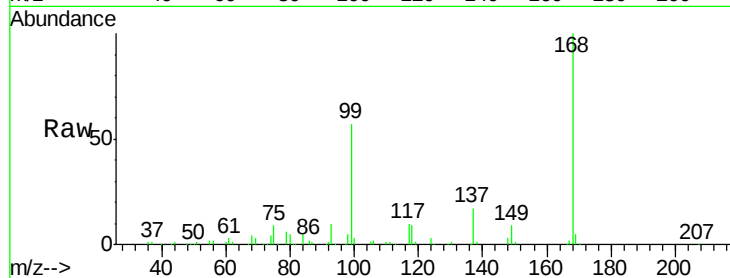
S5

Tot Ion:168 Resp: 141268

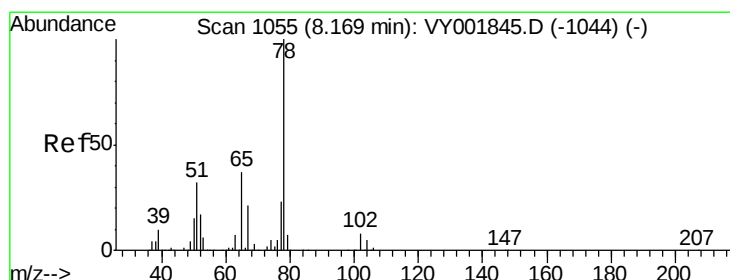
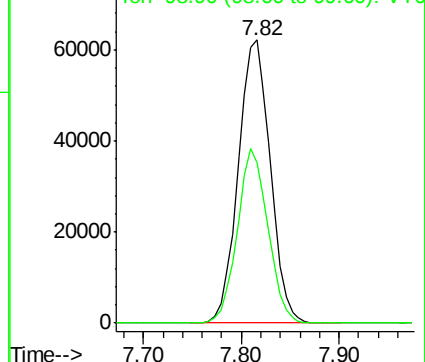
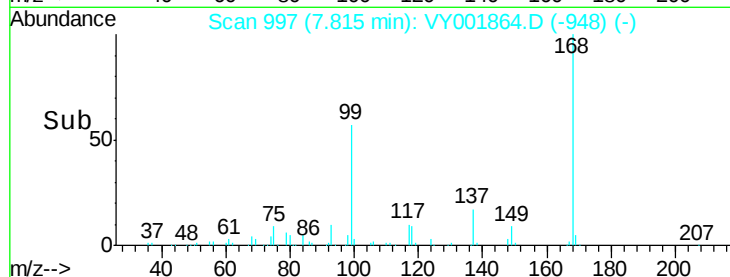
Ion Ratio Lower Upper

168 100

99 56.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001864.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.384 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001864.D

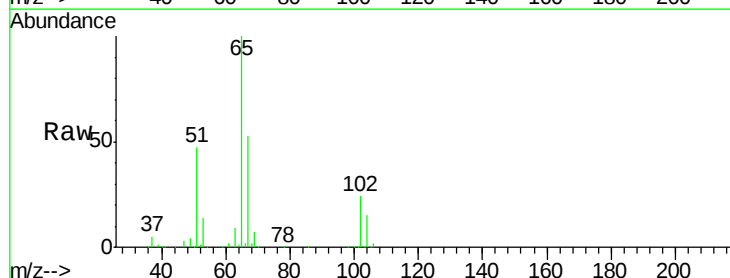
Acq: 04 Mar 2020 19:11

Tgt Ion: 65 Resp: 88050

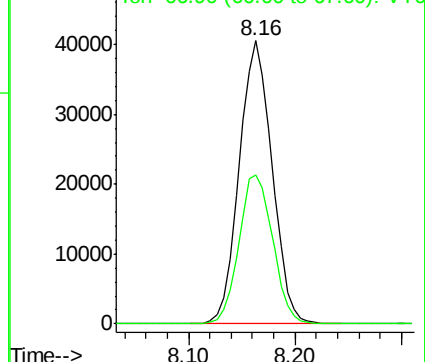
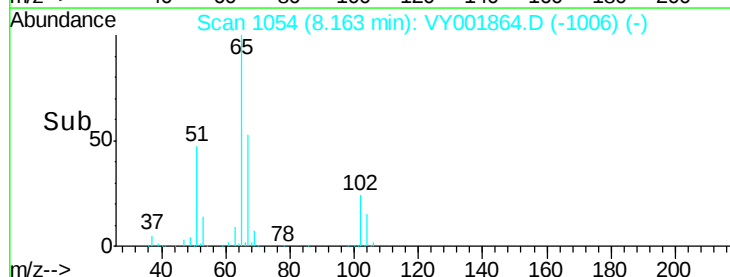
Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001864.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001864.D

Acq: 04 Mar 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

S5

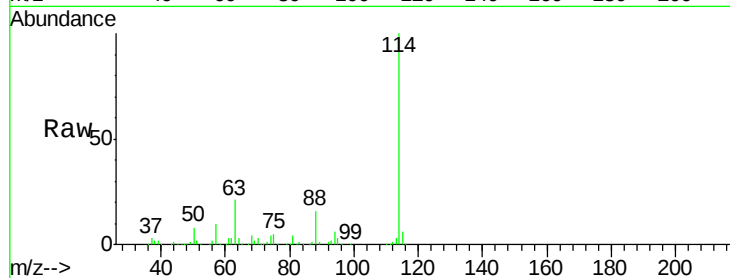
Tot Ion:114 Resp: 275046

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

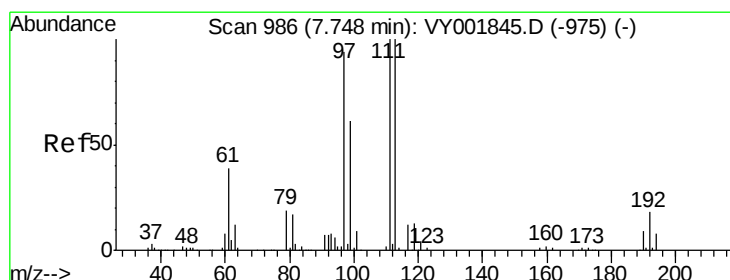
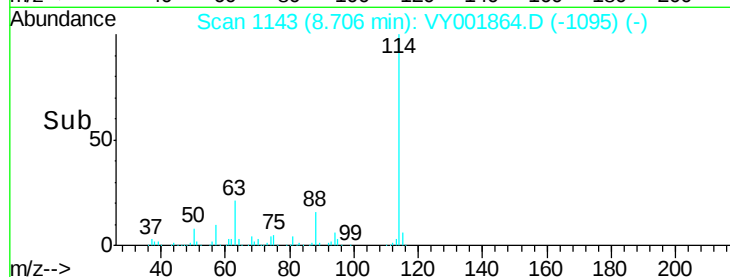
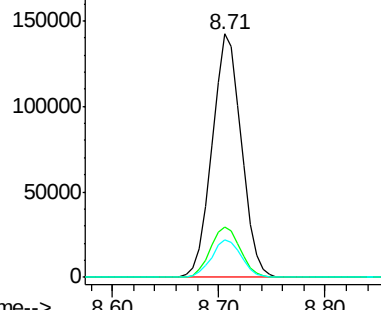
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.335 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001864.D

Acq: 04 Mar 2020 19:11

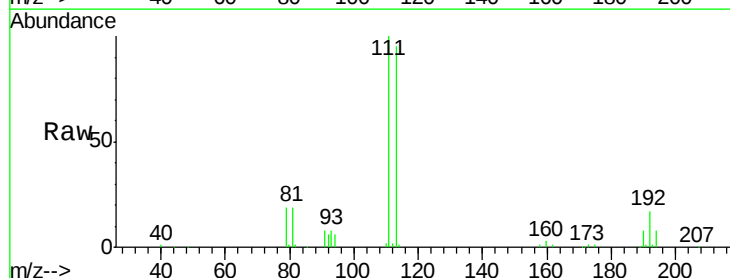
Tgt Ion:113 Resp: 80103

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

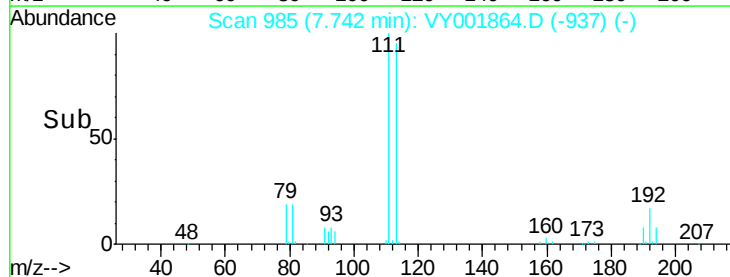
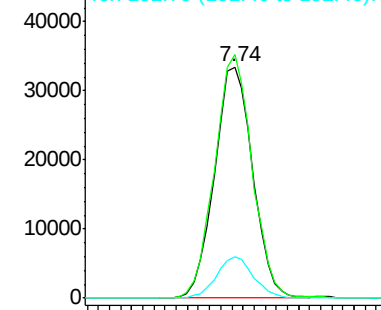
192 17.2 14.2 21.2

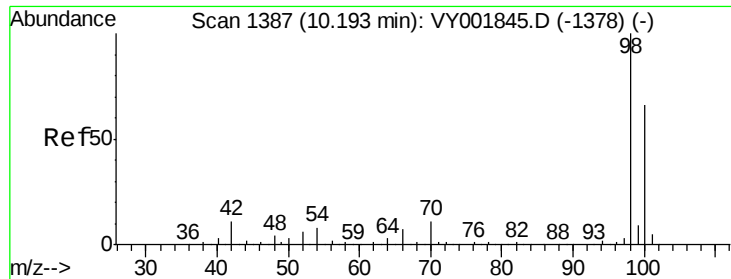


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.995 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001864.D

Acq: 04 Mar 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

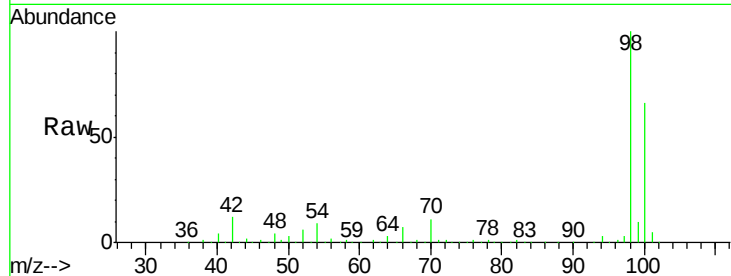
S5

Tot Ion: 98 Resp: 329294

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

200000

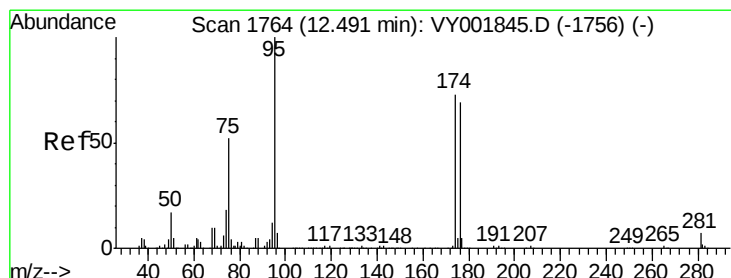
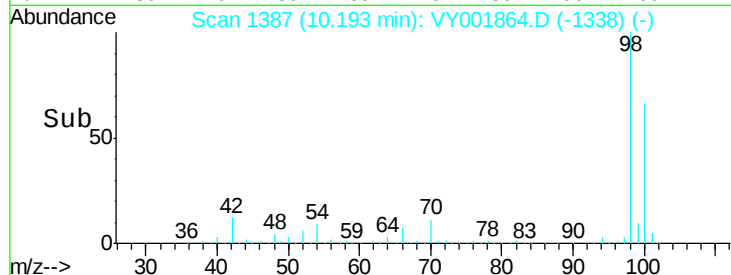
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.797 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001864.D

Acq: 04 Mar 2020 19:11

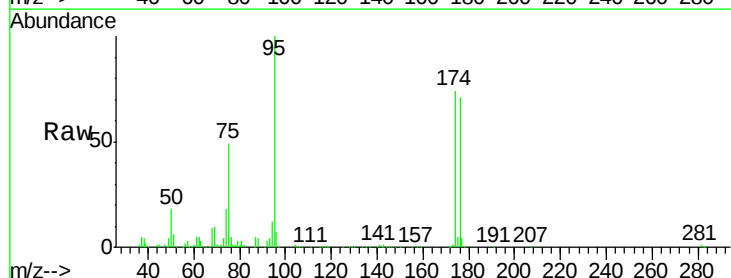
Tgt Ion: 95 Resp: 103053

Ion Ratio Lower Upper

95 100

174 74.9 0.0 145.0

176 70.0 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

80000

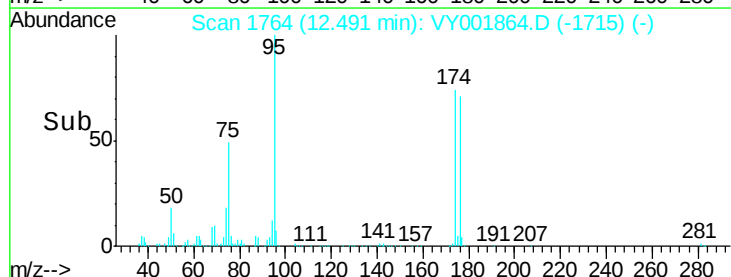
60000

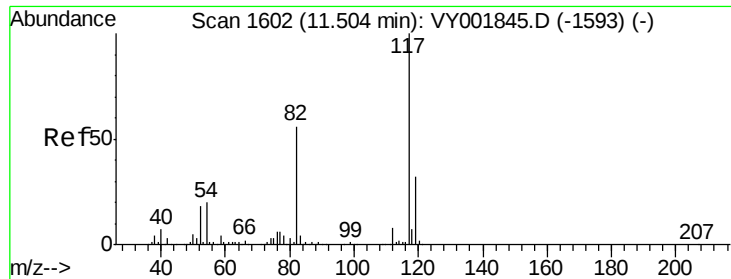
40000

20000

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Time-->

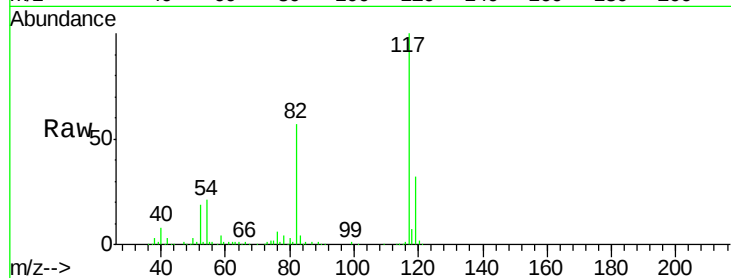




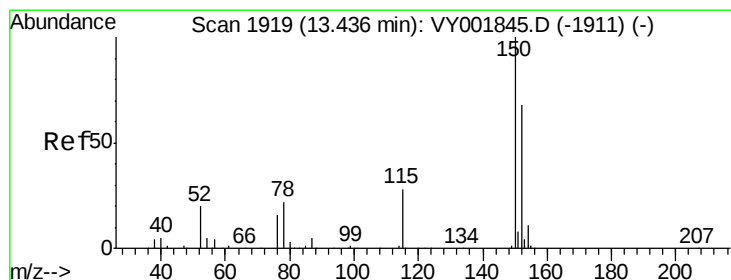
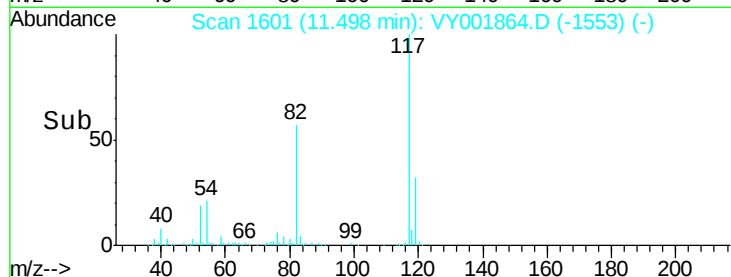
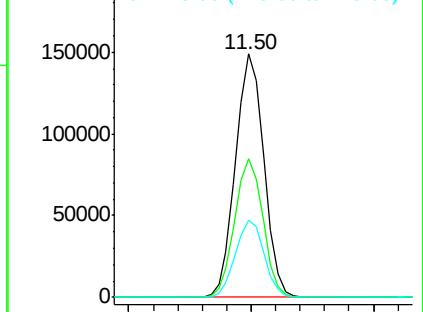
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001864.D
Acq: 04 Mar 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :
S5

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.5	66.7
119	31.5	25.7	38.5

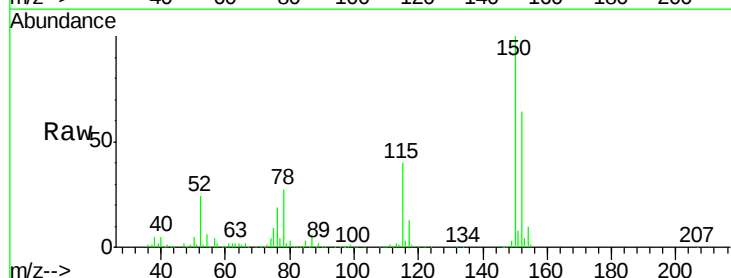


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001864.D
Acq: 04 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.9	89.7
150	157.3	0.0	340.6



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

