

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001749.D
 Acq On : 21 Feb 2020 17:40
 Operator : SY/MD
 Sample : L1635-19
 Misc : 5.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-TS006-01

Quant Time: Feb 22 04:56:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	163346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301495	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	278911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	122731	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	100086	56.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.92%	
35) Dibromofluoromethane	7.74	113	88540	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.19	98	366592	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.49	95	129264	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

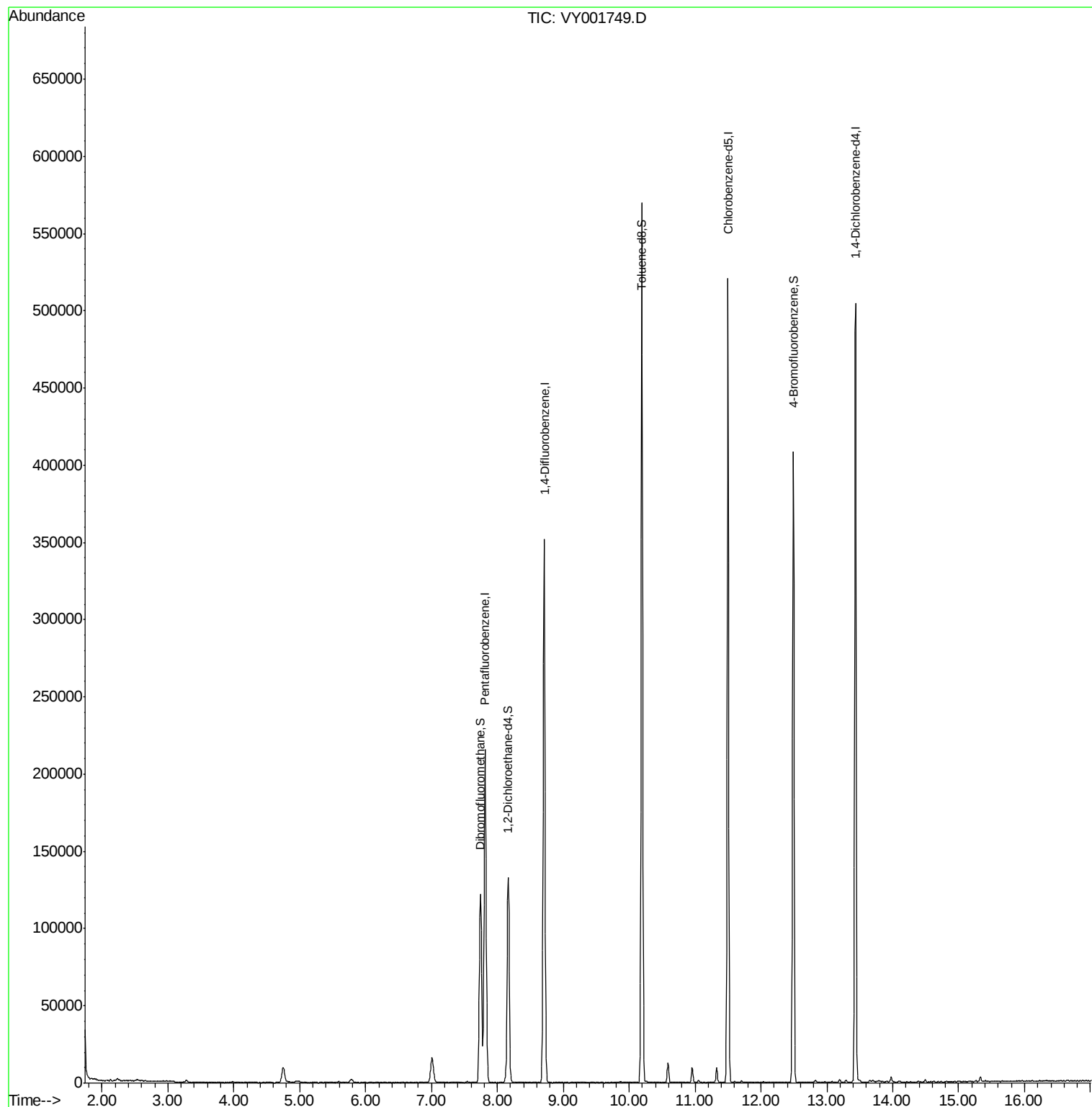
Target Compounds	Qvalue

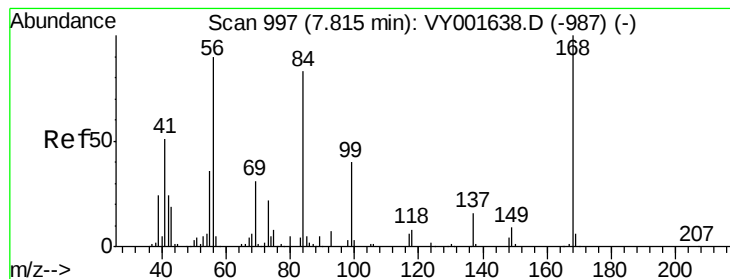
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001749.D

Acq: 21 Feb 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

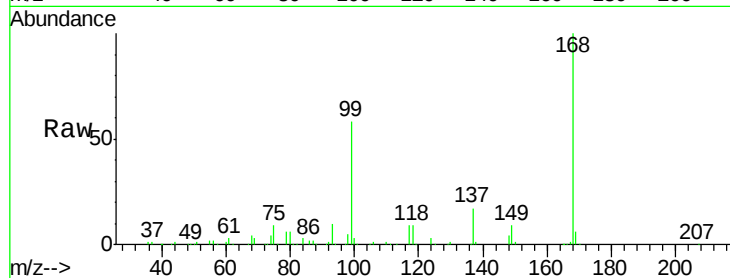
LIED-TS006-01

Tot Ion:168 Resp: 163346

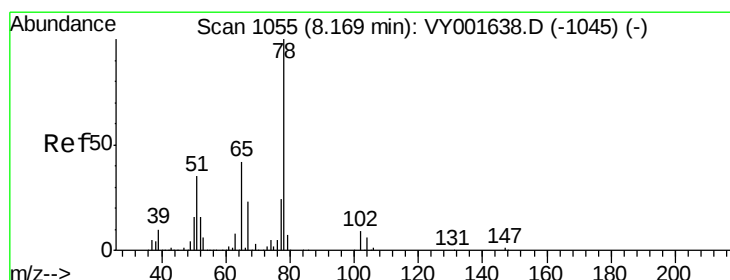
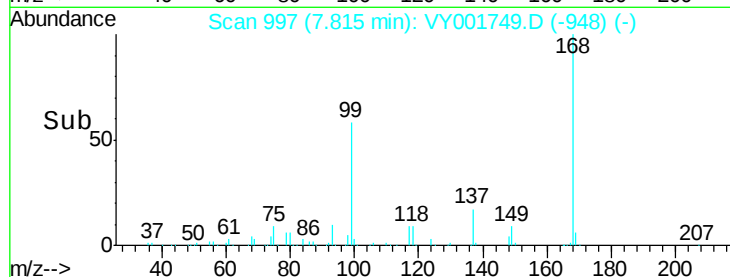
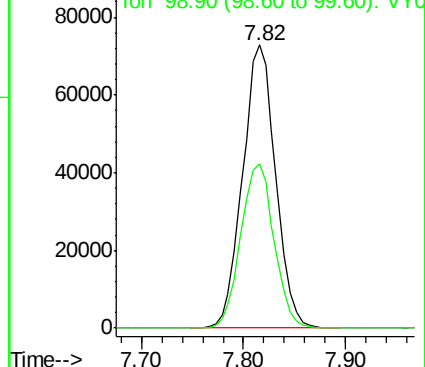
Ion Ratio Lower Upper

168 100

99 58.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.963 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001749.D

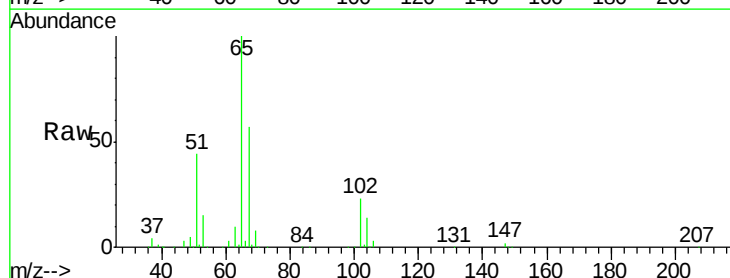
Acq: 21 Feb 2020 17:40

Tgt Ion: 65 Resp: 100086

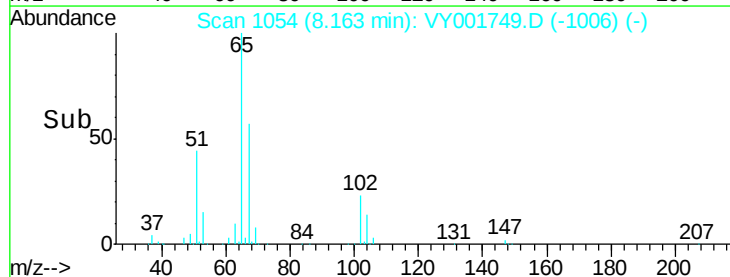
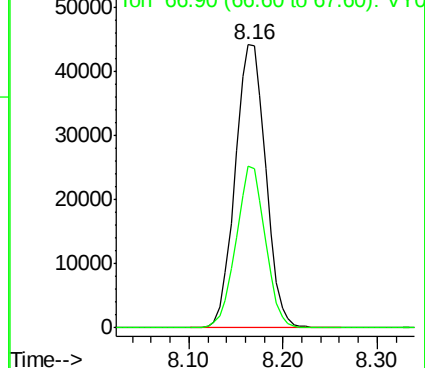
Ion Ratio Lower Upper

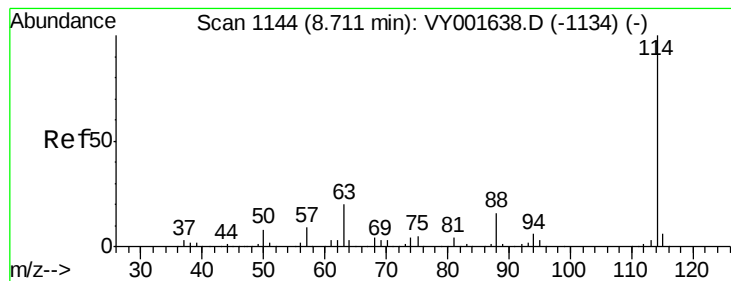
65 100

67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001749.D

Acq: 21 Feb 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

LIED-TS006-01

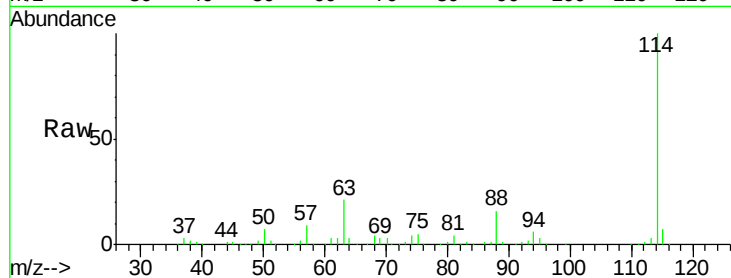
Tot Ion:114 Resp: 301495

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

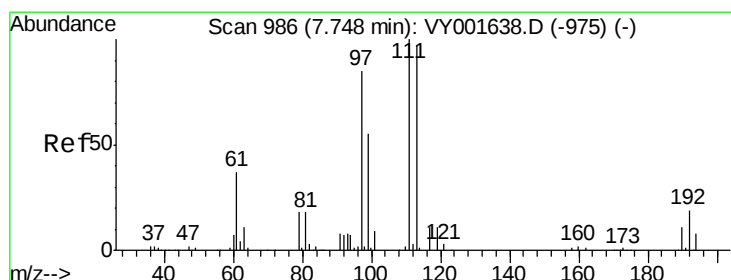
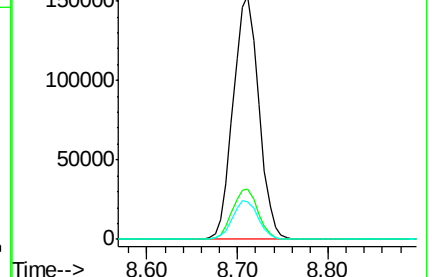
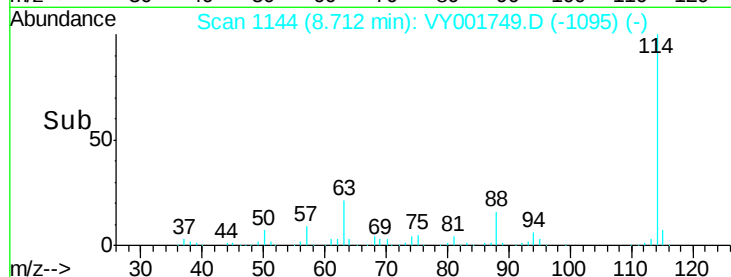
88 15.6 0.0 32.8



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: 51.273 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001749.D

Acq: 21 Feb 2020 17:40

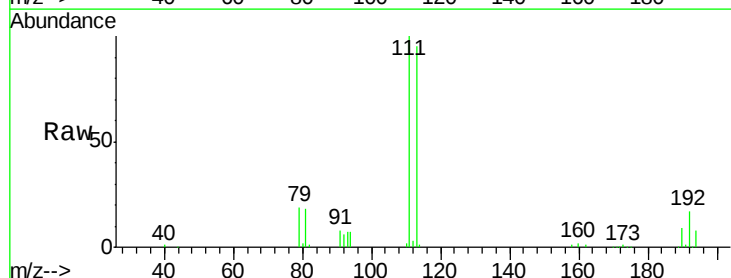
Tgt Ion:113 Resp: 88540

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

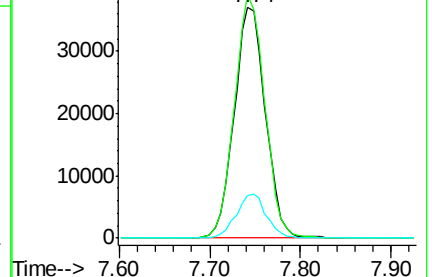
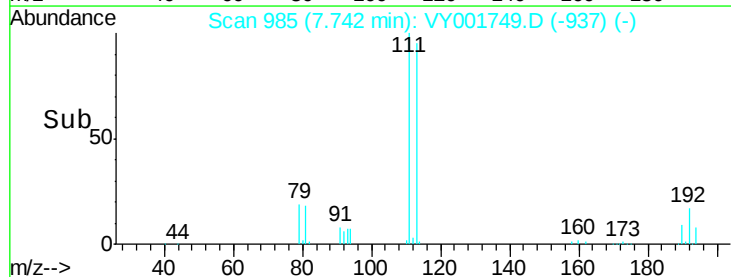
192 18.5 14.3 21.5

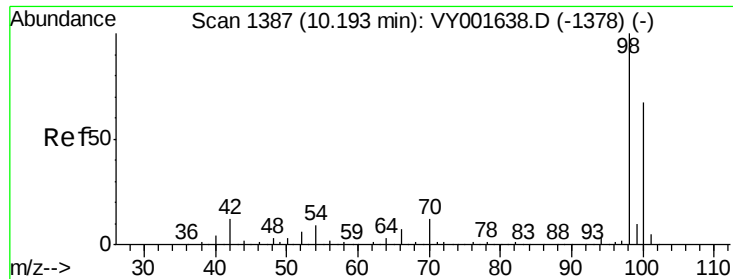


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.188 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001749.D

Acq: 21 Feb 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

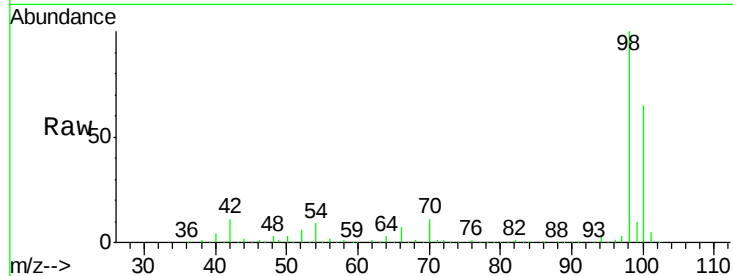
LIED-TS006-01

Tot Ion: 98 Resp: 366592

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)

10.19

250000

200000

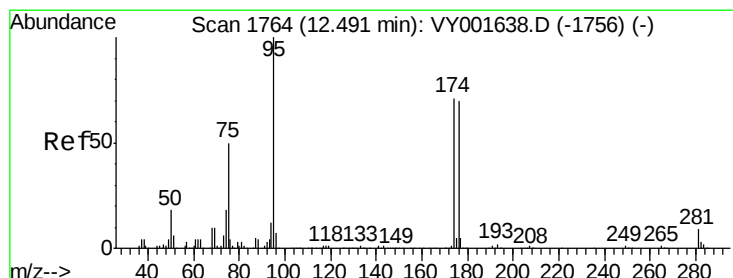
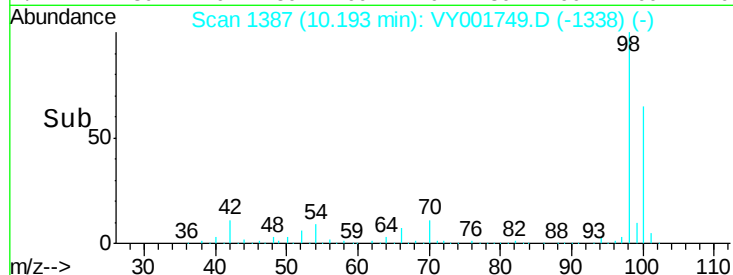
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.183 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001749.D

Acq: 21 Feb 2020 17:40

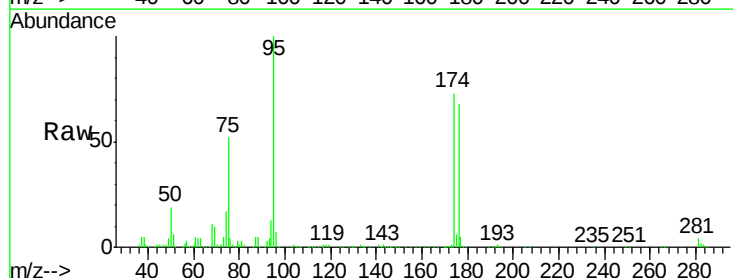
Tgt Ion: 95 Resp: 129264

Ion Ratio Lower Upper

95 100

174 71.2 0.0 138.4

176 67.8 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

12.49

100000

80000

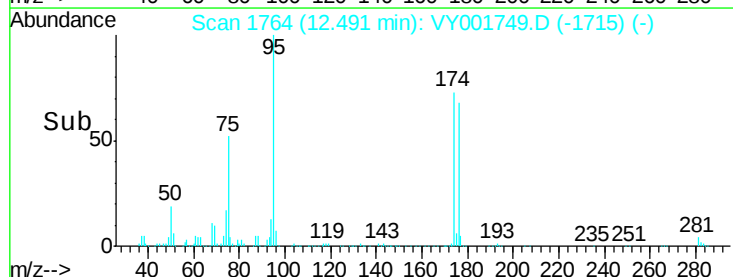
60000

40000

20000

0

Time-->

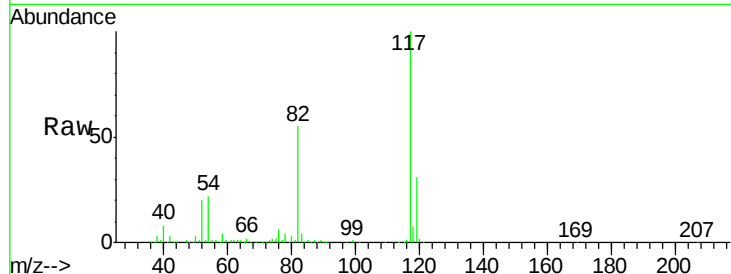




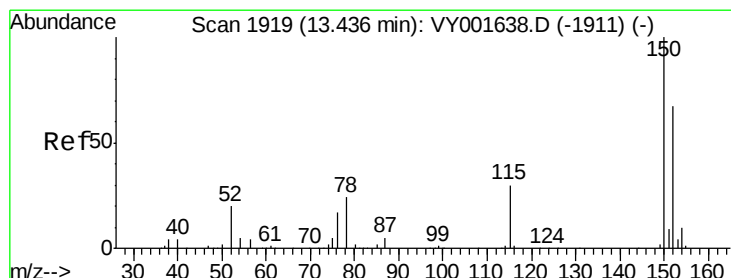
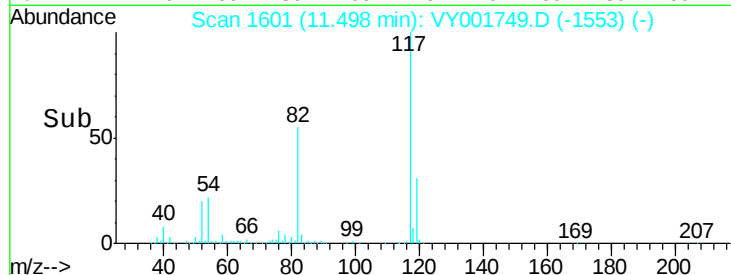
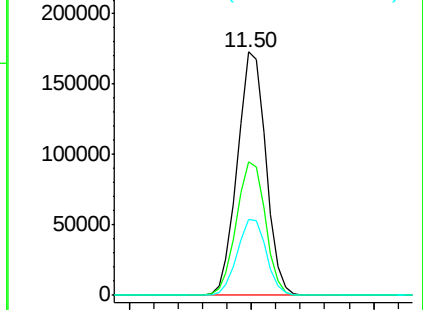
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001749.D
Acq: 21 Feb 2020 17:40

Instrument :
MSVOA_Y
ClientSampleId :
LIED-TS006-01

Tot Ion:117 Resp: 278911
Ion Ratio Lower Upper
117 100
82 54.8 45.5 68.3
119 31.2 25.8 38.6

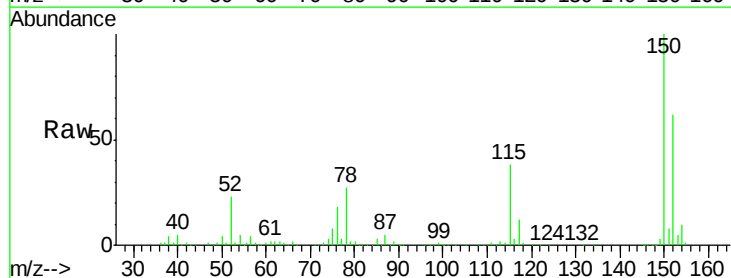


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001749.D
Acq: 21 Feb 2020 17:40

Tgt Ion:152 Resp: 122731
Ion Ratio Lower Upper
152 100
115 61.8 31.4 94.2
150 158.2 0.0 407.2



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

