

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001747.D
 Acq On : 21 Feb 2020 16:55
 Operator : SY/MD
 Sample : L1635-17
 Misc : 5.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-TS004-01

Quant Time: Feb 22 04:37:29 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	7.81	168	158520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	305637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117756	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	98793	57.94	ug/l	0.00
Spiked Amount			Recovery	=	115.88%	
35) Dibromofluoromethane	7.74	113	88402	50.50	ug/l	-0.01
Spiked Amount			Recovery	=	101.00%	
50) Toluene-d8	10.19	98	367061	53.52	ug/l	0.00
Spiked Amount			Recovery	=	107.04%	
62) 4-Bromofluorobenzene	12.49	95	122173	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	

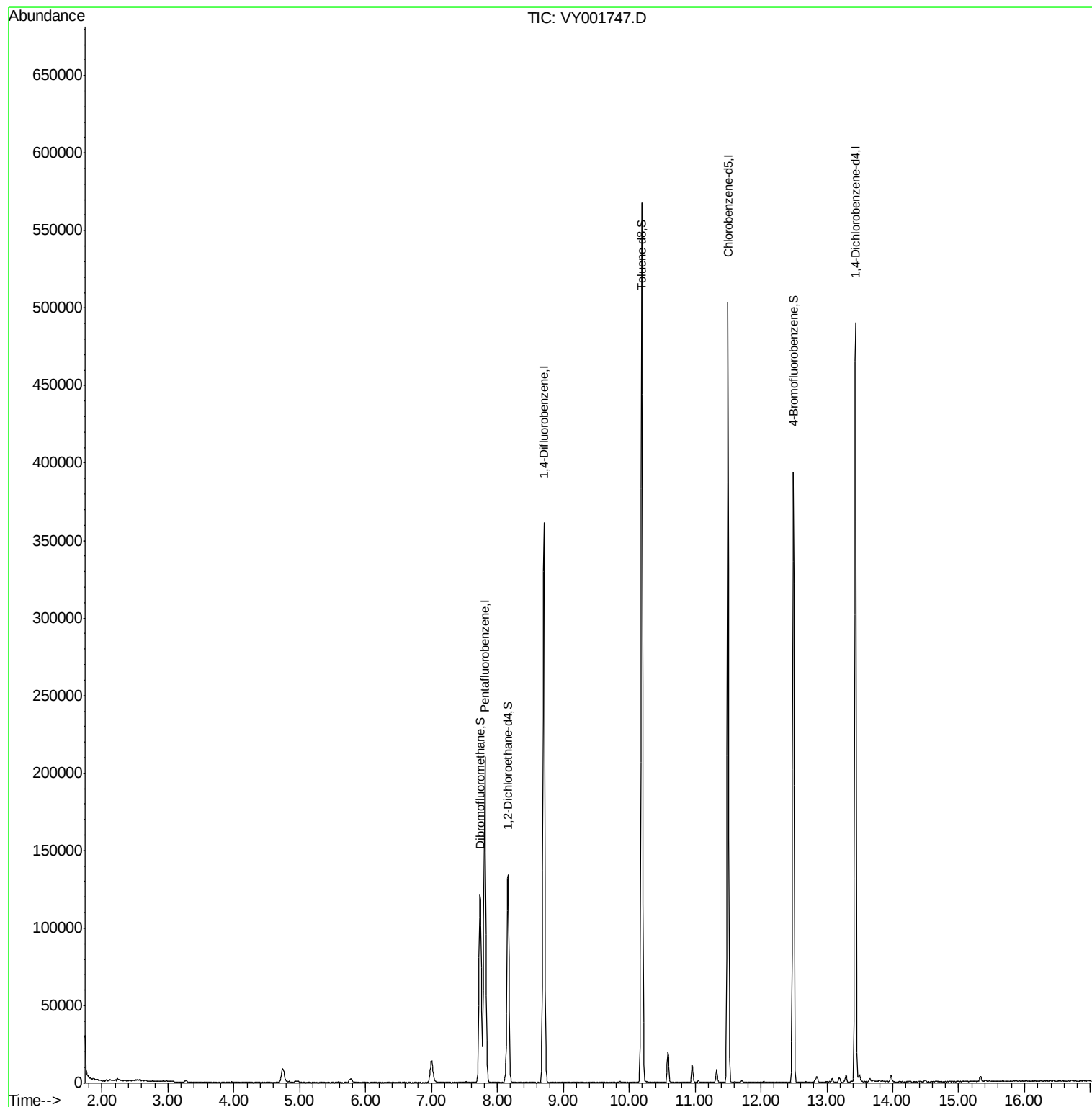
Target Compounds	Qvalue
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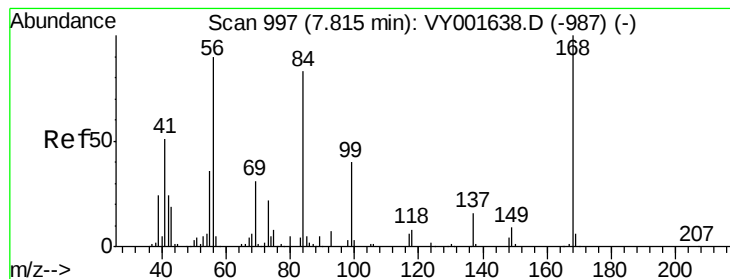
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001747.D

Acq: 21 Feb 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

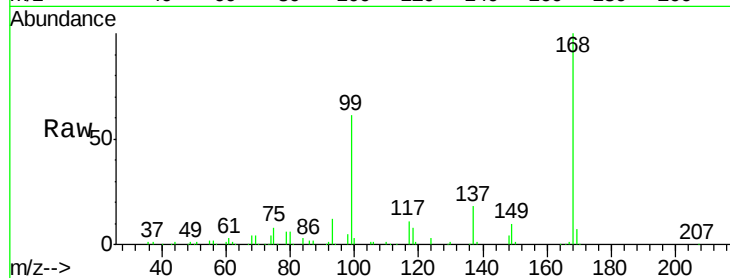
LIED-TS004-01

Tot Ion:168 Resp: 158520

Ion Ratio Lower Upper

168 100

99 60.7 47.5 71.3



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

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.81

60000

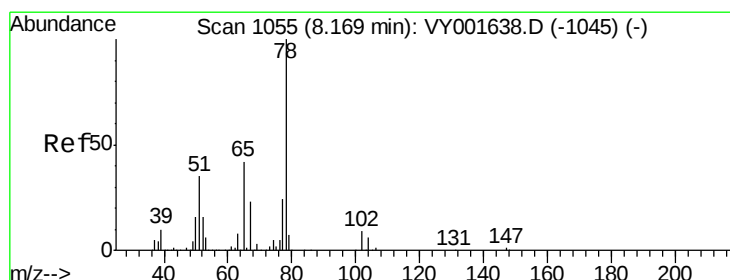
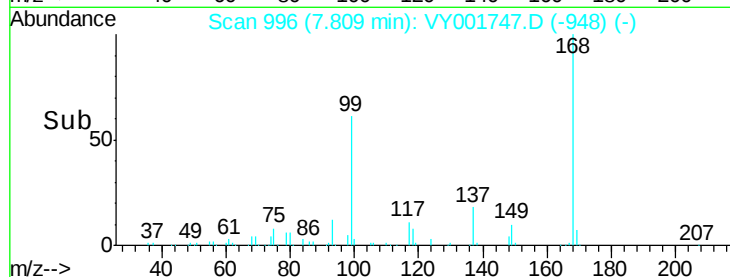
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.939 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001747.D

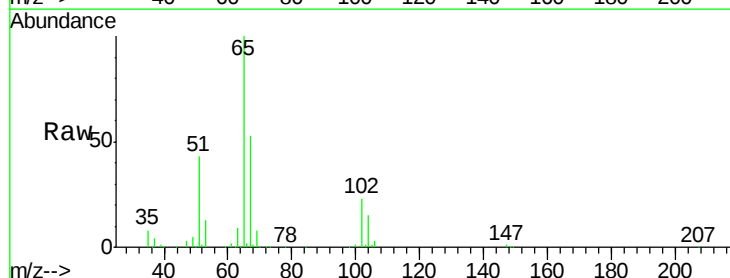
Acq: 21 Feb 2020 16:55

Tgt Ion: 65 Resp: 98793

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.0



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

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)

8.16

50000

40000

30000

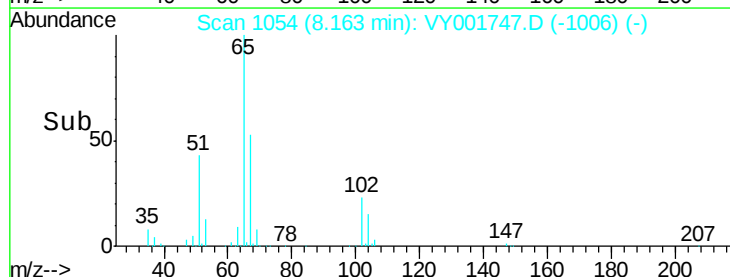
20000

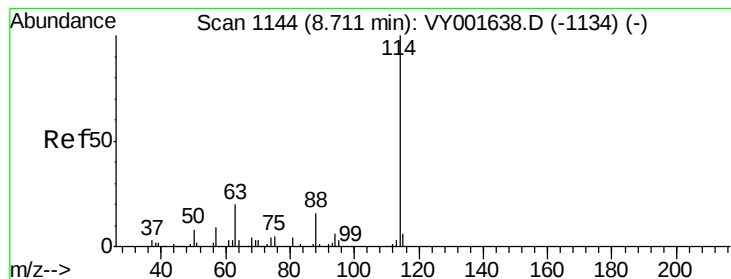
10000

0

Time-->

8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001747.D

Acq: 21 Feb 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

LIED-TS004-01

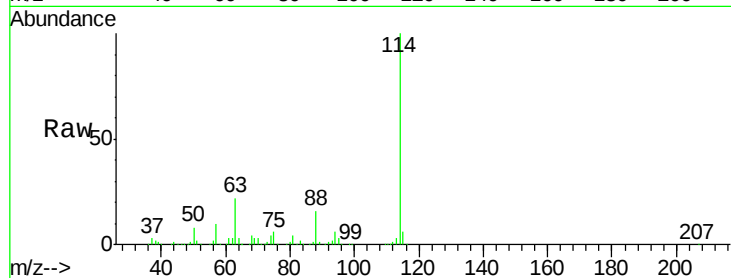
Tot Ion:114 Resp: 305637

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.4

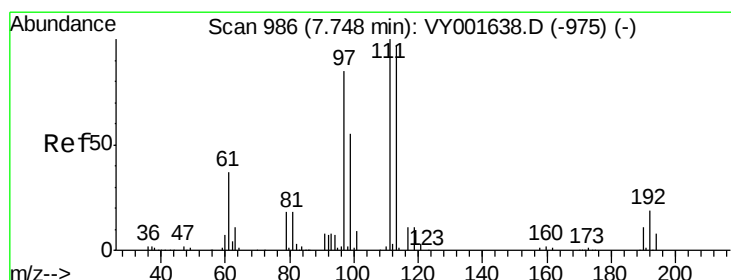
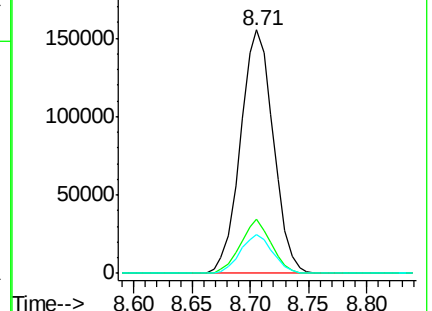
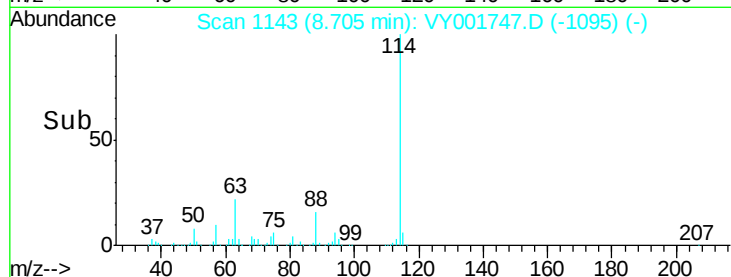
88 16.1 0.0 32.8



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: 50.499 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001747.D

Acq: 21 Feb 2020 16:55

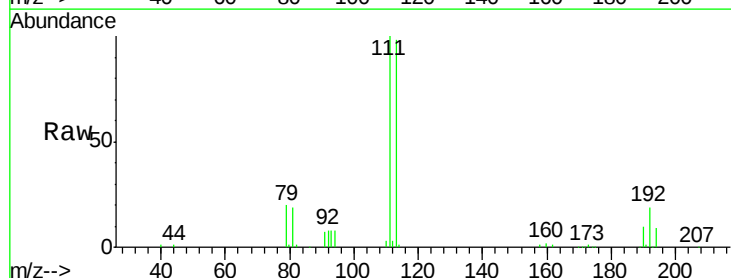
Tgt Ion:113 Resp: 88402

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

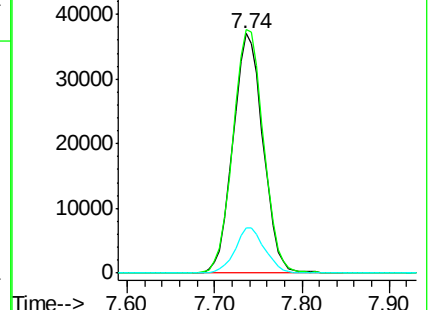
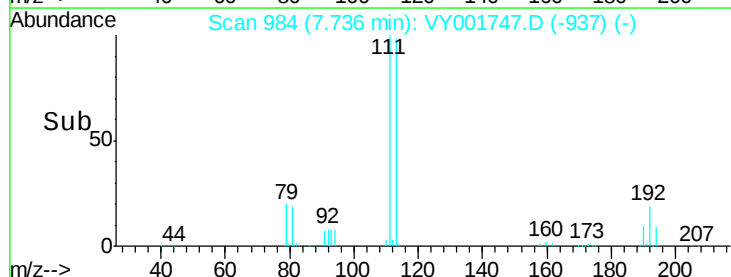
192 18.7 14.3 21.5

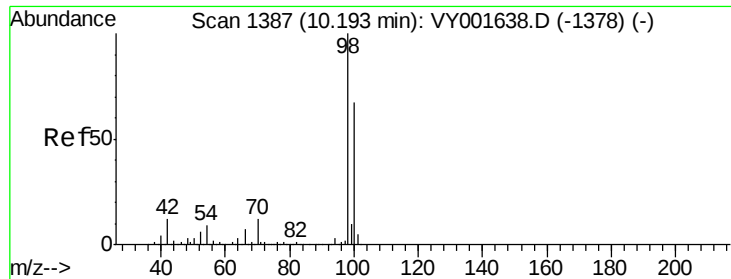


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.522 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001747.D

Acq: 21 Feb 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

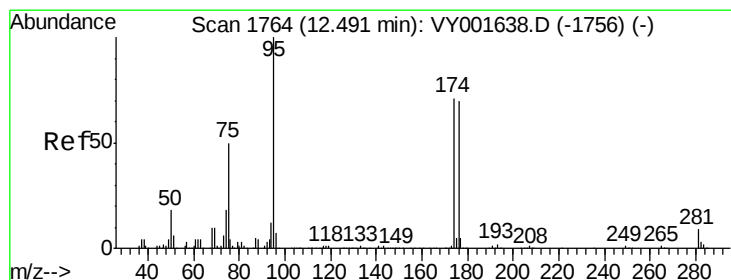
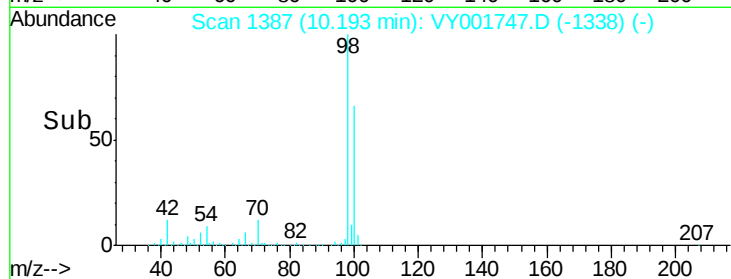
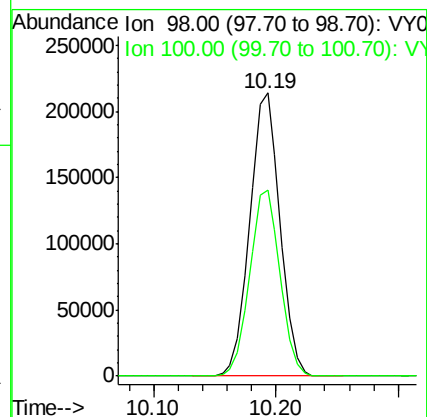
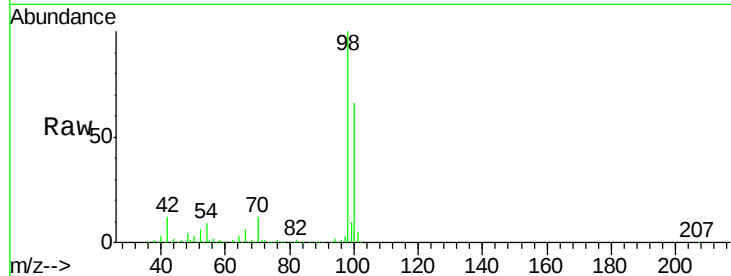
LIED-TS004-01

Tot Ion: 98 Resp: 367061

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 45.855 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001747.D

Acq: 21 Feb 2020 16:55

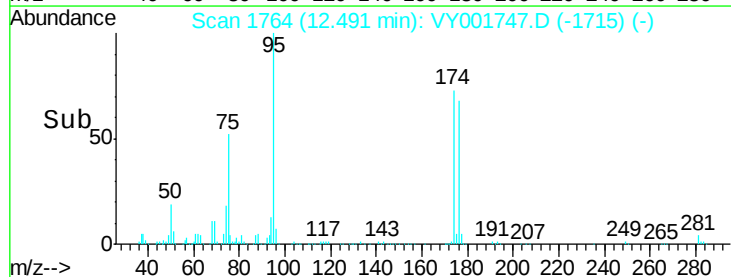
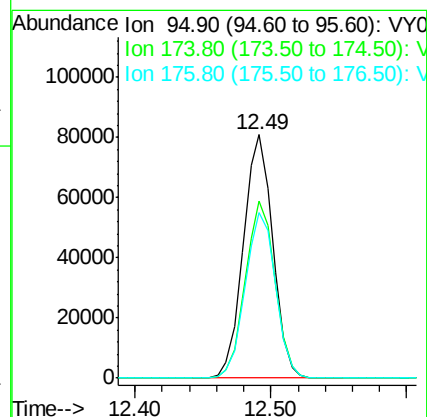
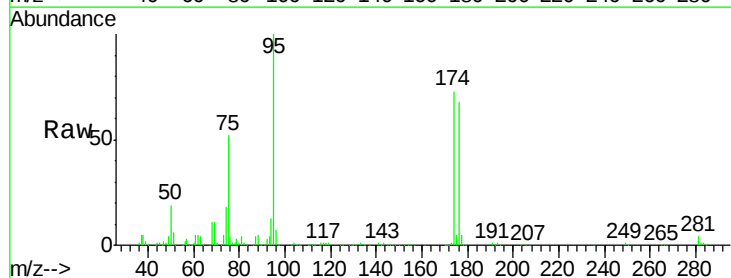
Tgt Ion: 95 Resp: 122173

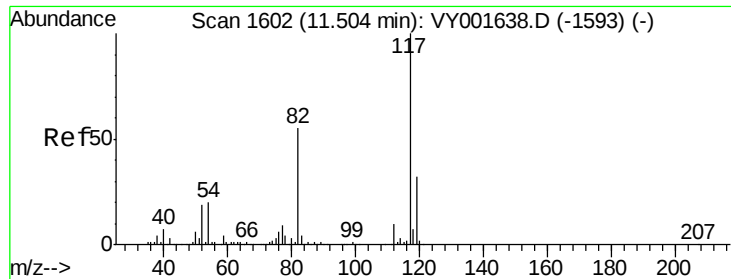
Ion Ratio Lower Upper

95 100

174 73.5 0.0 138.4

176 70.2 0.0 131.8

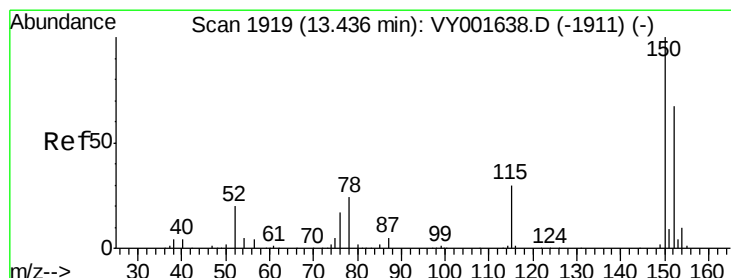
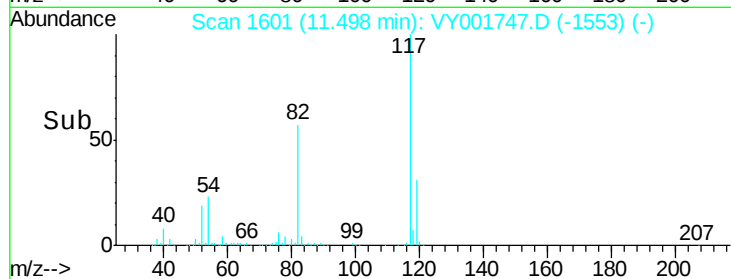
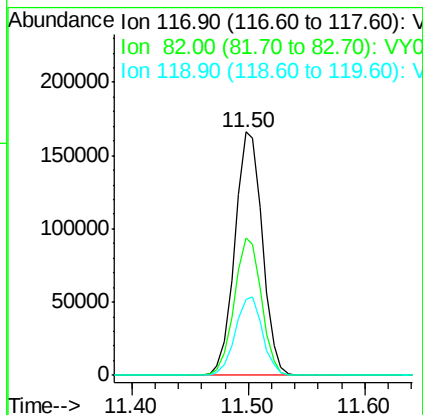
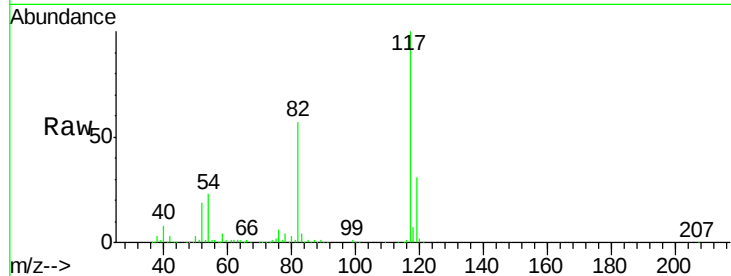




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001747.D
Acq: 21 Feb 2020 16:55

Instrument :
MSVOA_Y
ClientSampleId :
LIED-TS004-01

Tot Ion:117 Resp: 272877
Ion Ratio Lower Upper
117 100
82 56.6 45.5 68.3
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001747.D
Acq: 21 Feb 2020 16:55

Tgt Ion:152 Resp: 117756
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.2
150 158.6 0.0 407.2

