

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001748.D
 Acq On : 21 Feb 2020 17:17
 Operator : SY/MD
 Sample : L1635-18
 Misc : 5.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIED-TS005-01

Quant Time: Feb 22 04:54:54 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	156652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	296930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125075	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	100369	59.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.14%	
35) Dibromofluoromethane	7.74	113	87958	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	10.19	98	354054	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.49	95	124919	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	

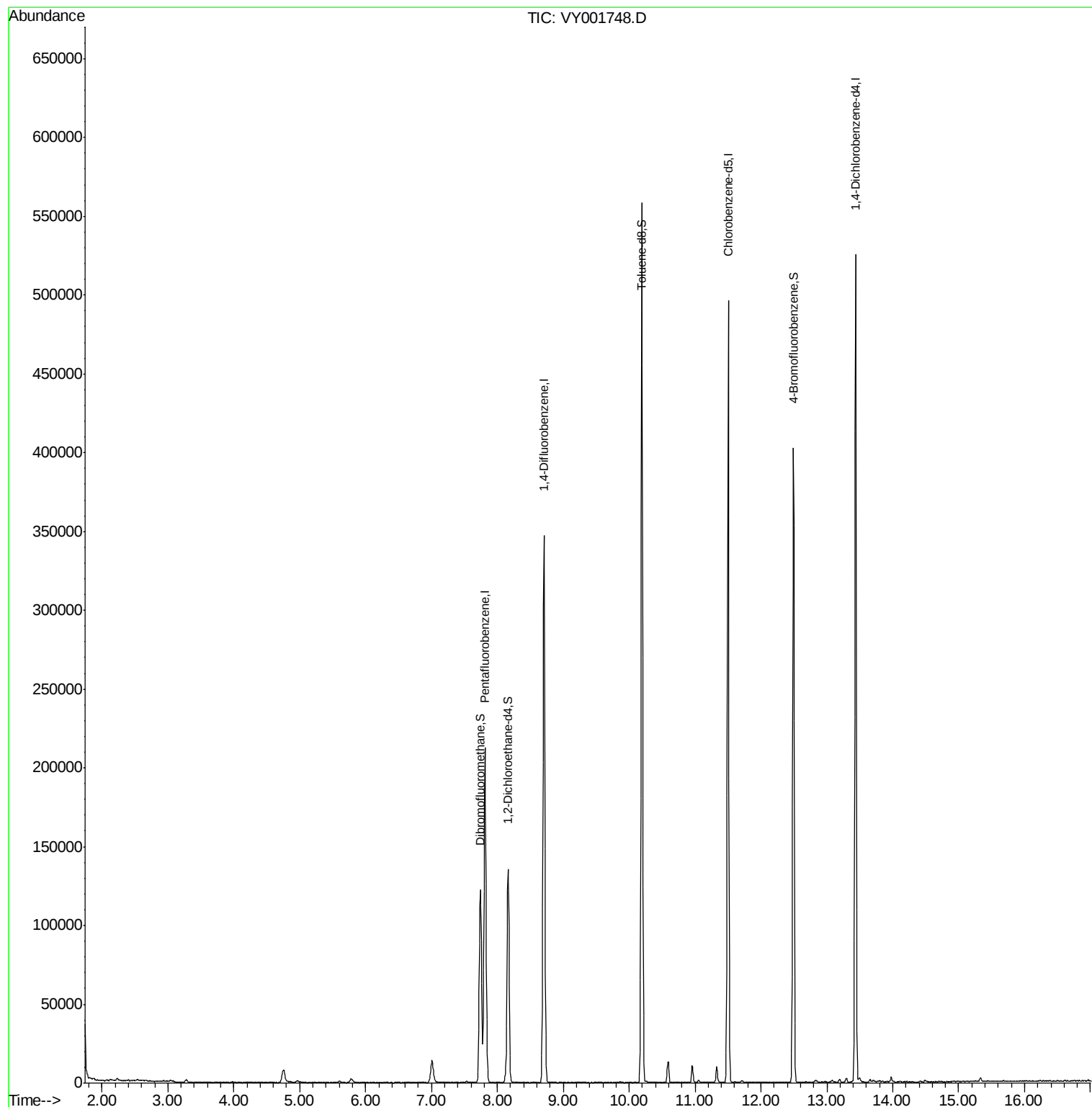
Target Compounds	Qvalue

(#) = 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: VY001748.D

Acq: 21 Feb 2020 17:17

Instrument :

MSVOA_Y

ClientSampleId :

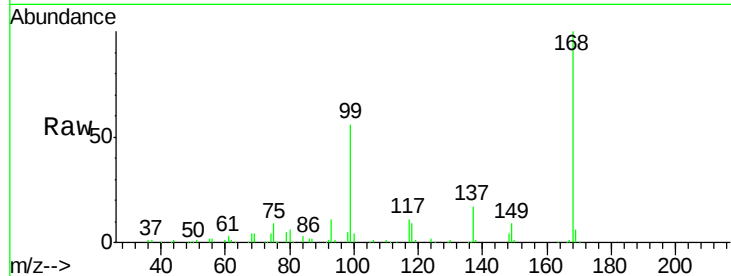
LIED-TS005-01

Tot Ion:168 Resp: 156652

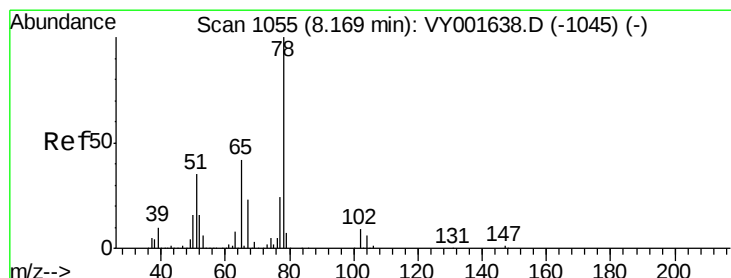
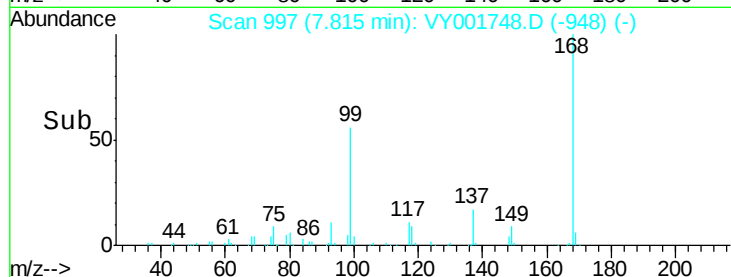
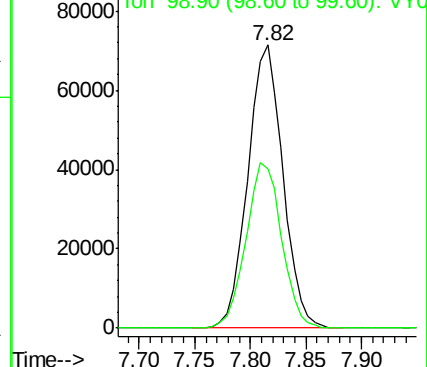
Ion Ratio Lower Upper

168 100

99 56.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001748.D (-1006) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.566 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001748.D

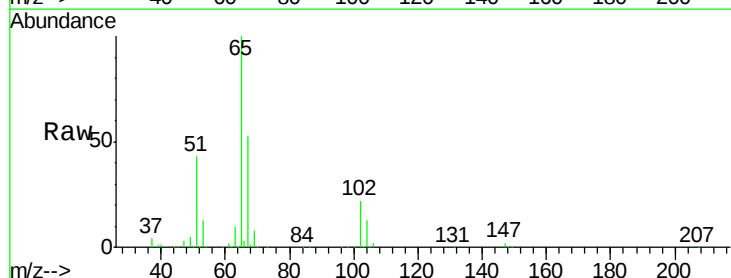
Acq: 21 Feb 2020 17:17

Tgt Ion: 65 Resp: 100369

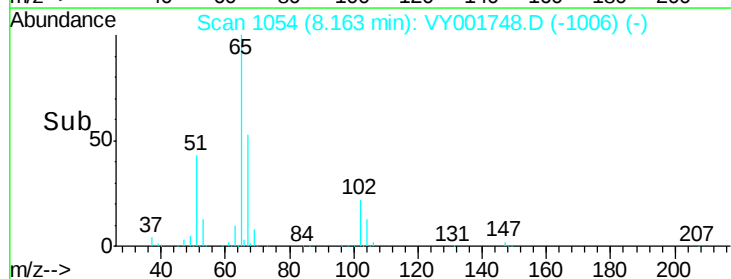
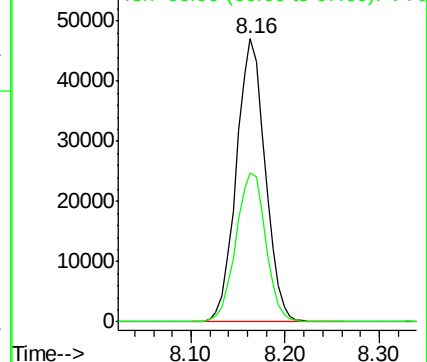
Ion Ratio Lower Upper

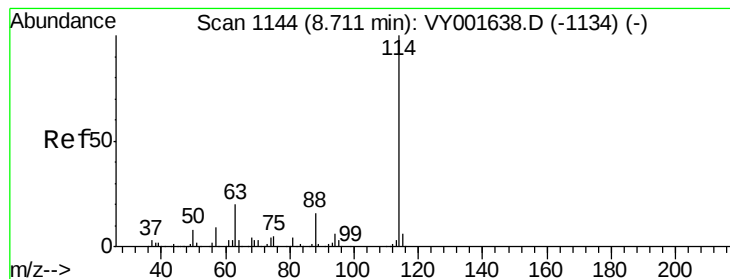
65 100

67 54.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001748.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: VY001748.D

Acq: 21 Feb 2020 17:17

Instrument :

MSVOA_Y

ClientSampleId :

LIED-TS005-01

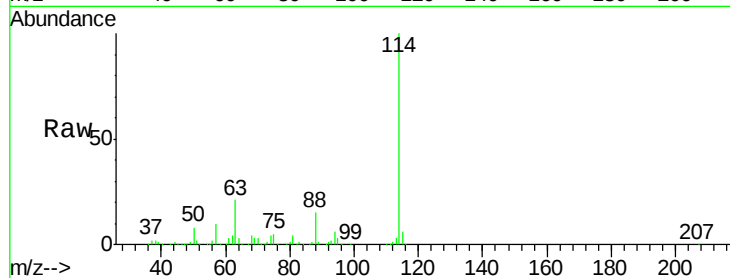
Tot Ion:114 Resp: 296930

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

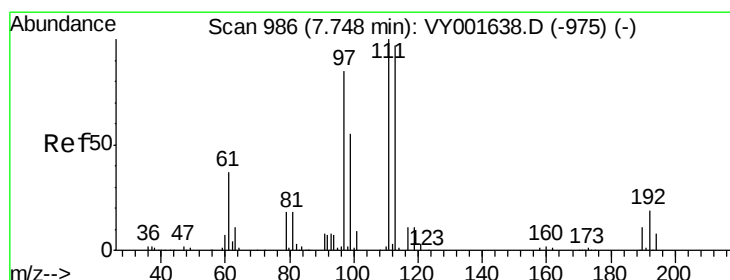
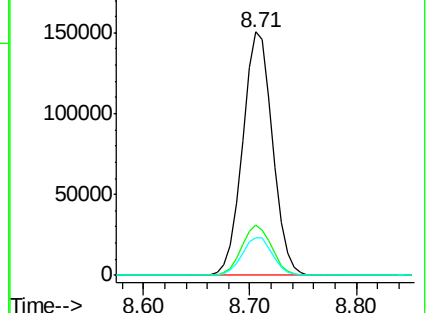
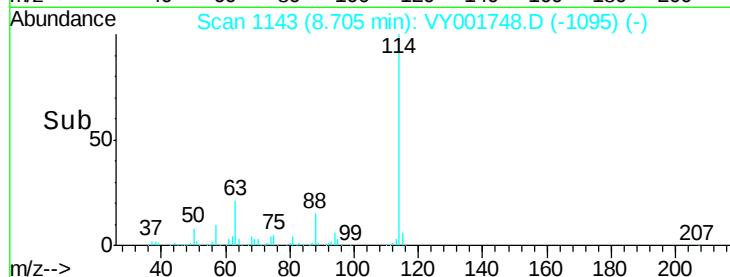
88 15.2 0.0 32.8



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: 51.719 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001748.D

Acq: 21 Feb 2020 17:17

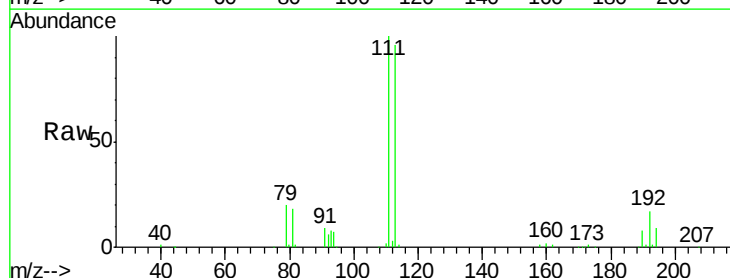
Tgt Ion:113 Resp: 87958

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

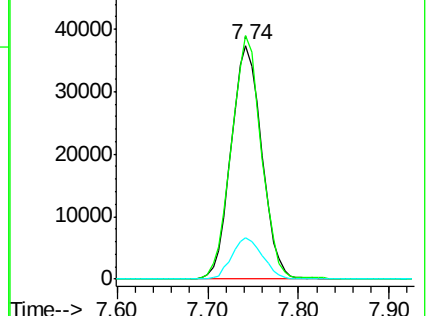
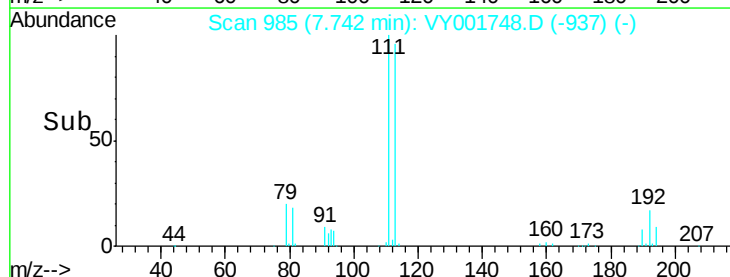
192 17.8 14.3 21.5

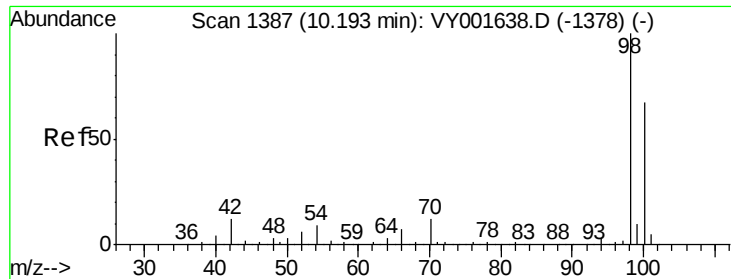


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.139 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001748.D

Acq: 21 Feb 2020 17:17

Instrument :

MSVOA_Y

ClientSampleId :

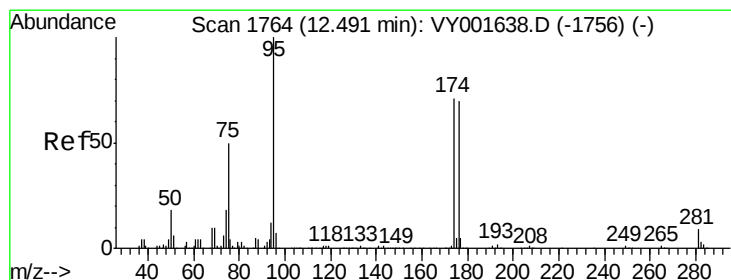
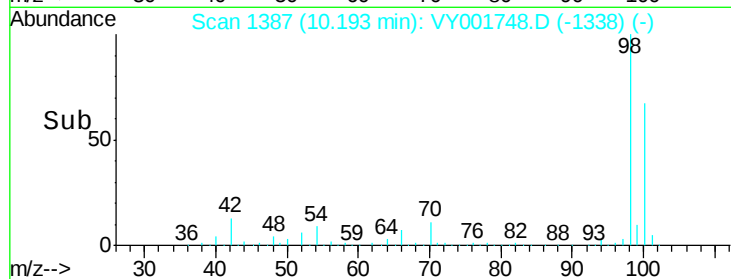
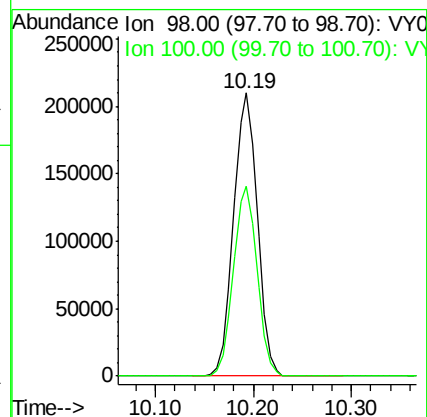
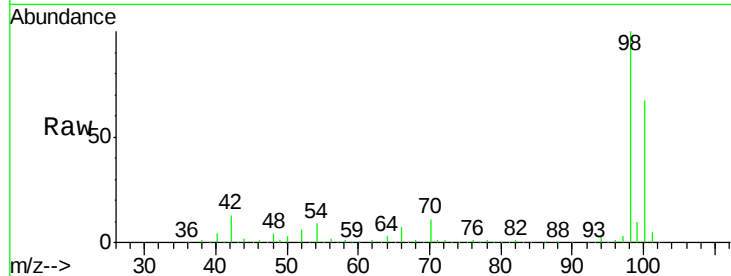
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Tot Ion: 98 Resp: 354054

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 48.261 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001748.D

Acq: 21 Feb 2020 17:17

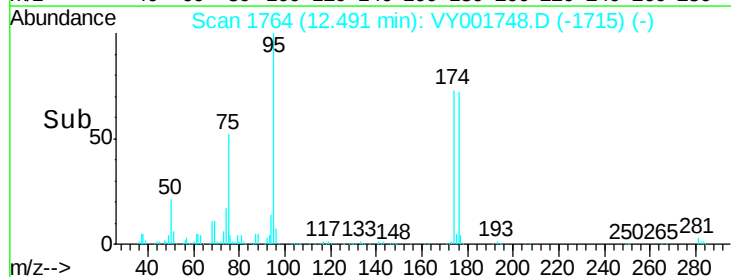
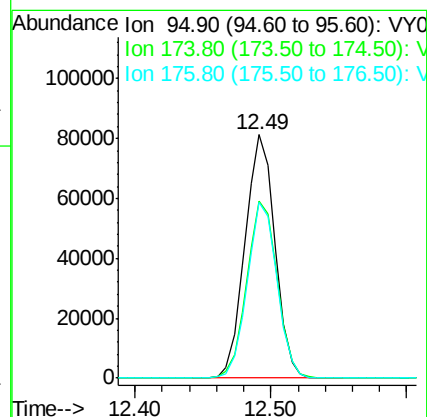
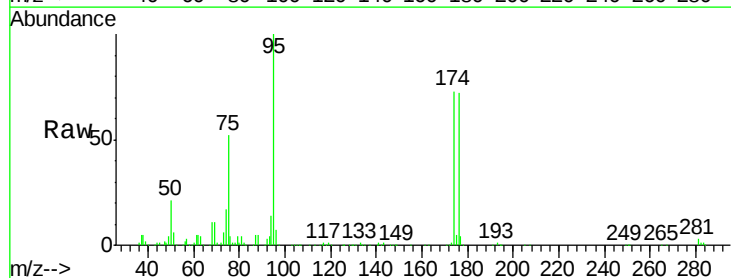
Tgt Ion: 95 Resp: 124919

Ion Ratio Lower Upper

95 100

174 74.1 0.0 138.4

176 71.8 0.0 131.8

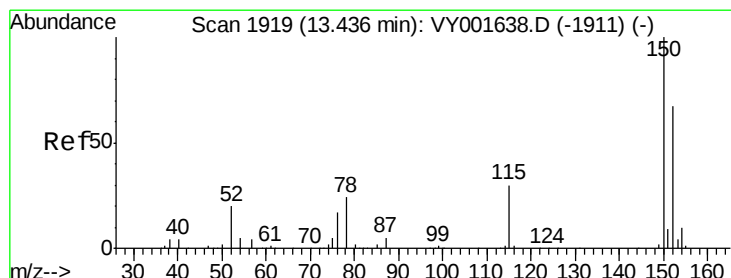
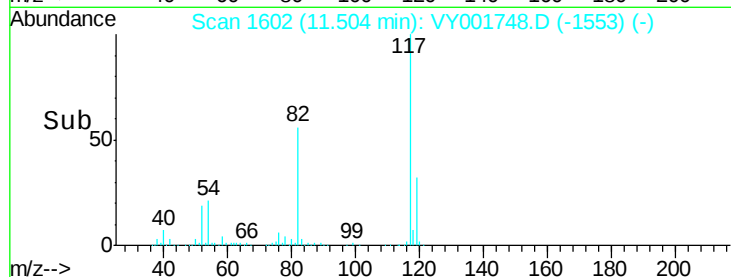
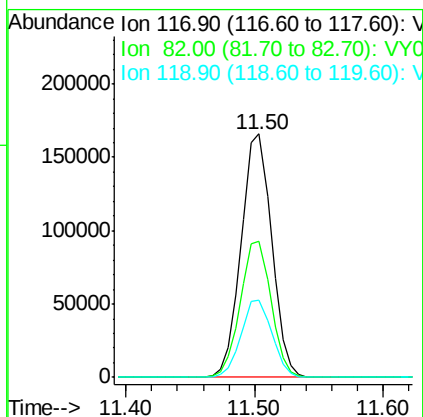
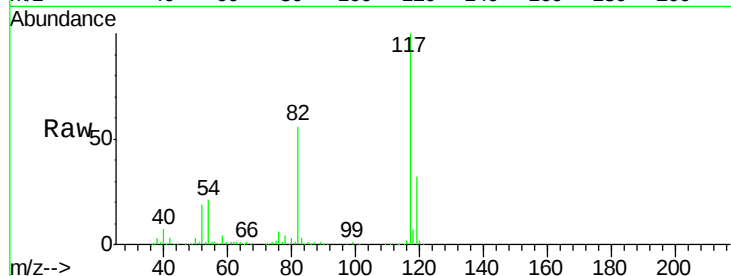




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001748.D
Acq: 21 Feb 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :
LIED-TS005-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.5	68.3
119	31.7	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: VY001748.D
Acq: 21 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.4	94.2
150	155.8	0.0	407.2

