

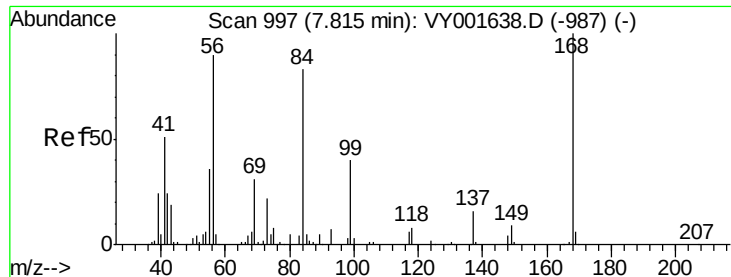
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001839.D
 Acq On : 03 Mar 2020 16:49
 Operator : SY/MD
 Sample : L1772-03
 Misc : 7.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-8

Quant Time: Mar 04 04:21:40 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	148755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	98612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90952	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.68%	
35) Dibromofluoromethane	7.74	113	82055	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.19	98	340819	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.49	95	109160	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	
Target Compounds						
32) 1,1,1-Trichloroethane	7.72	97	2631	1.016	ug/l #	Qvalue 49

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001839.D

Acq: 03 Mar 2020 16:49

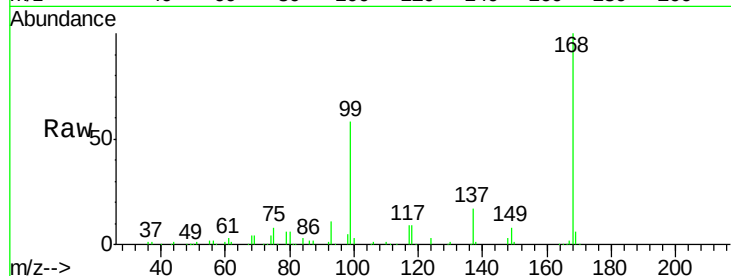
Instrument :
MSVOA_Y
ClientSampleId :
EP-8

Tot Ion:168 Resp: 148755

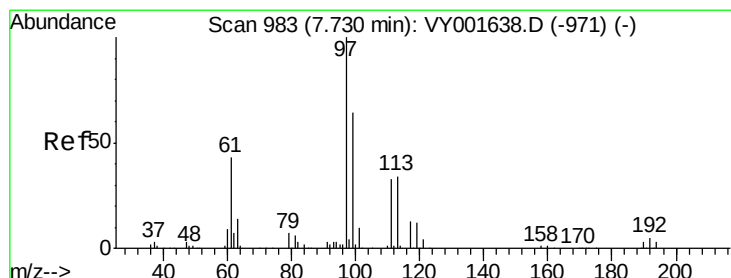
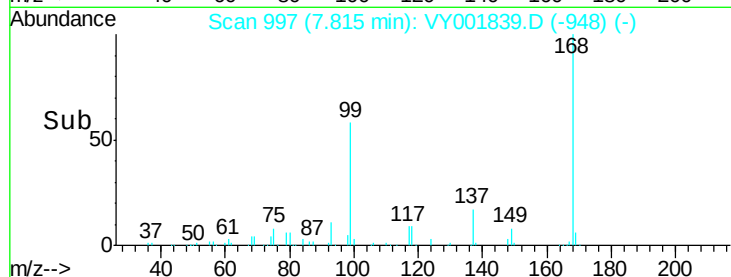
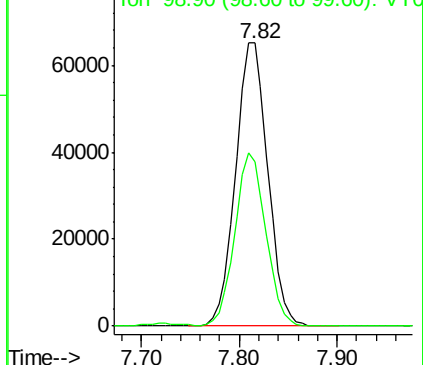
Ion Ratio Lower Upper

168 100

99 58.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001839.D (-948) (-)



#32

1,1,1-Trichloroethane

Concen: 1.016 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.01 min

Lab File: VY001839.D

Acq: 03 Mar 2020 16:49

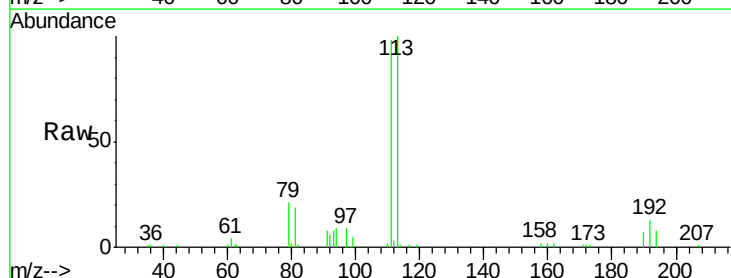
Tgt Ion: 97 Resp: 2631

Ion Ratio Lower Upper

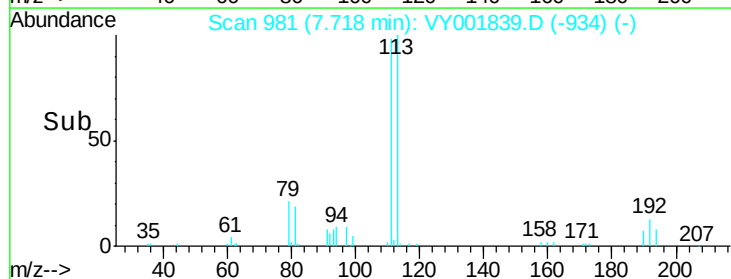
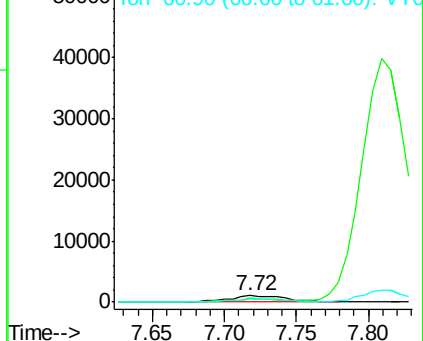
97 100

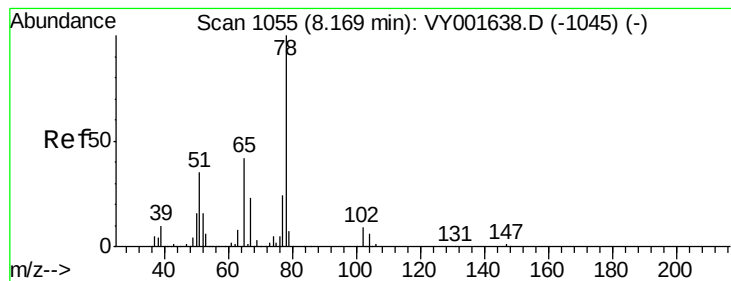
99 0.0 51.2 76.8#

61 48.0 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VY001839.D (-934) (-)





#33

1,2-Dichloroethane-d4

Concen: 56.842 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001839.D

Acq: 03 Mar 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

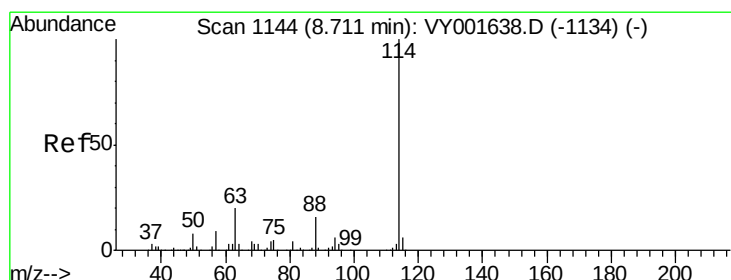
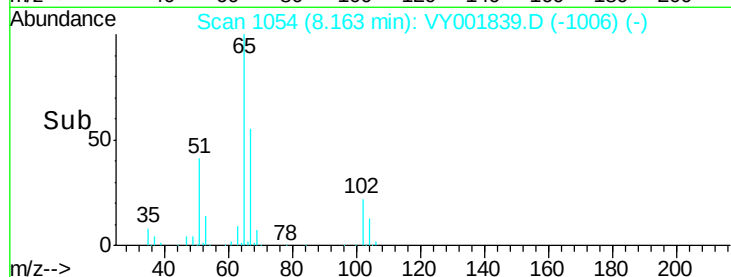
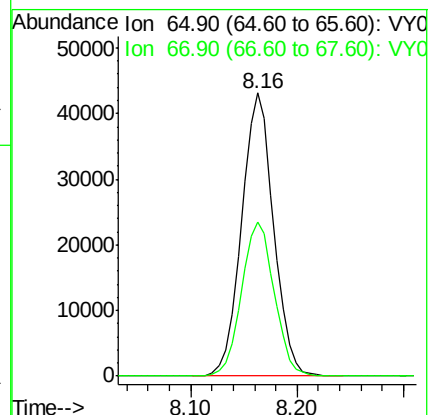
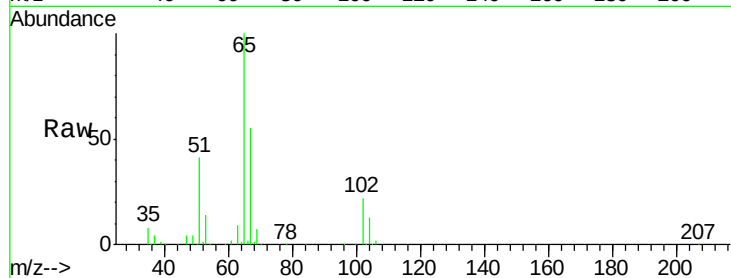
EP-8

Tot Ion: 65 Resp: 90952

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001839.D

Acq: 03 Mar 2020 16:49

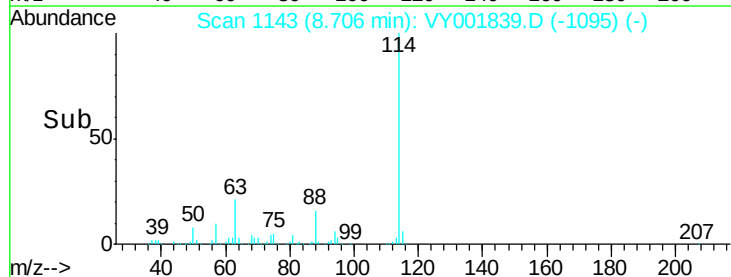
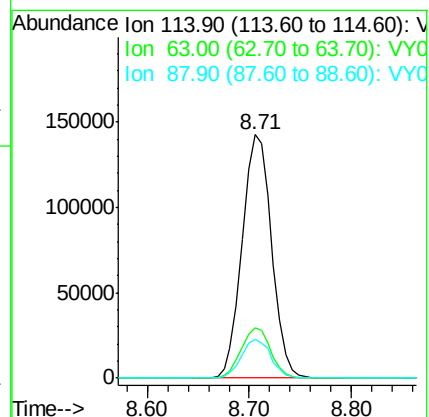
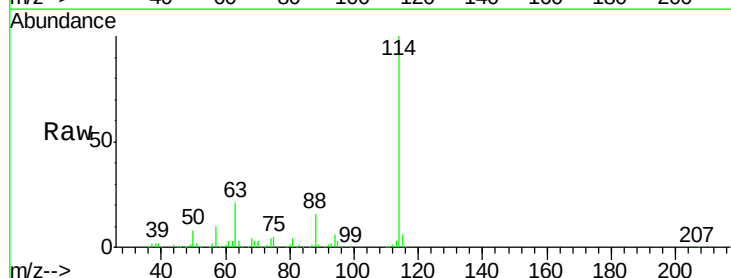
Tgt Ion: 114 Resp: 285086

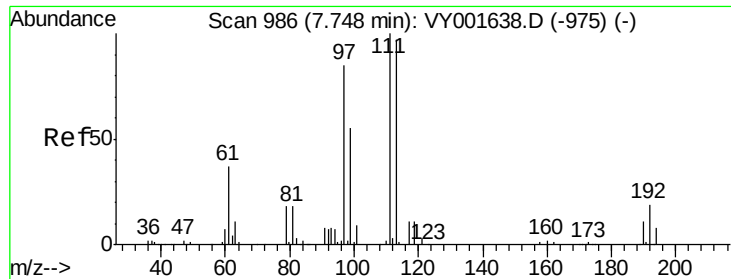
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 16.2 0.0 32.8

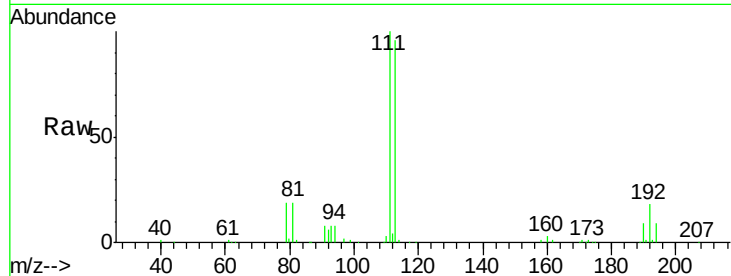




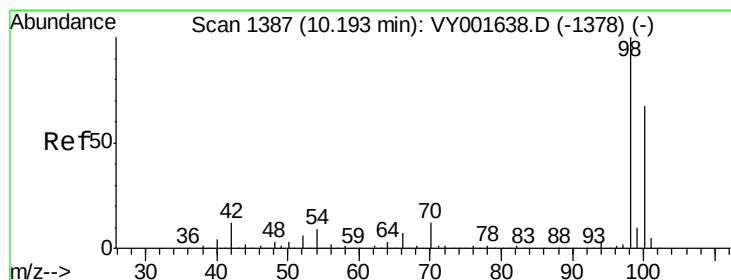
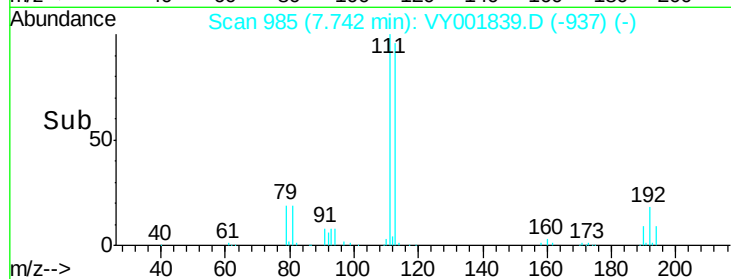
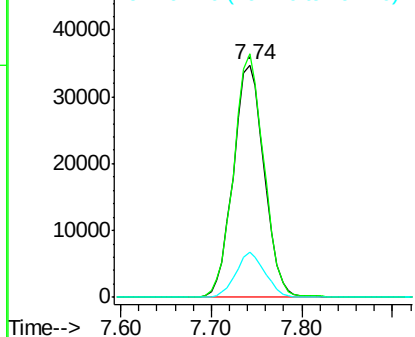
#35
 Dibromofluoromethane
 Concen: 50.253 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001839.D
 Acq: 03 Mar 2020 16:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-8

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	18.2	14.3	21.5

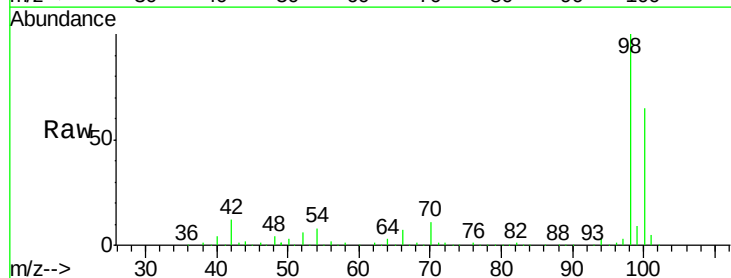


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

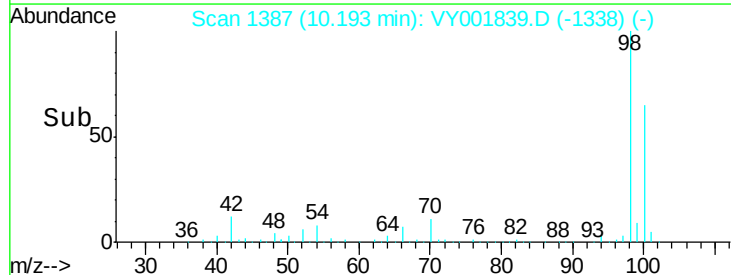
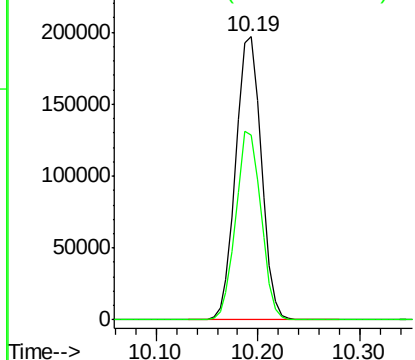


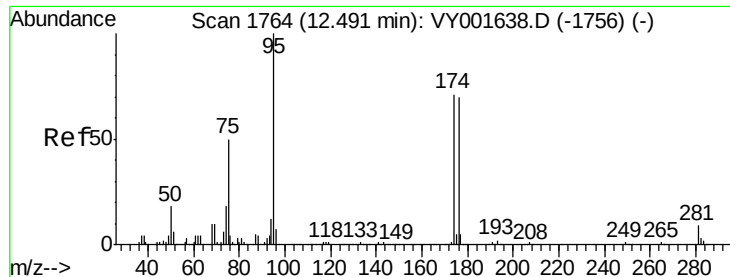
#50
 Toluene-d8
 Concen: 53.278 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001839.D
 Acq: 03 Mar 2020 16:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

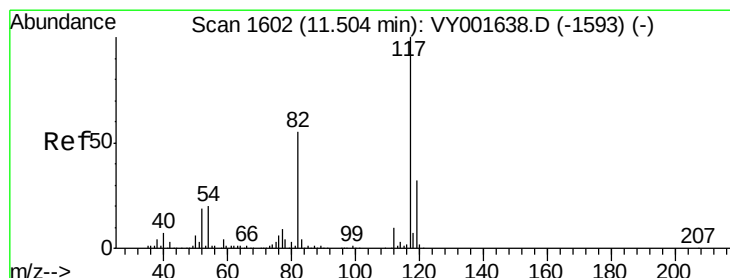
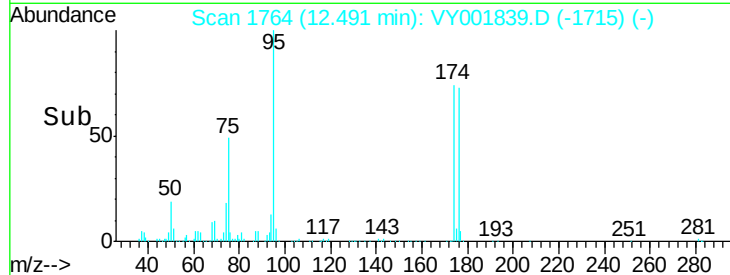
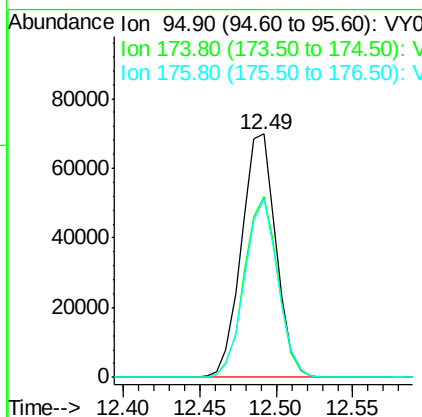
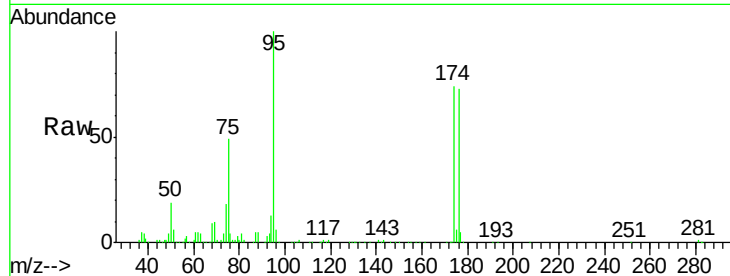




#62
4-Bromofluorobenzene
Concen: 43.924 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

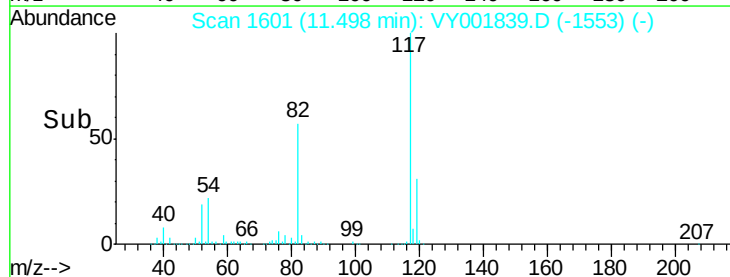
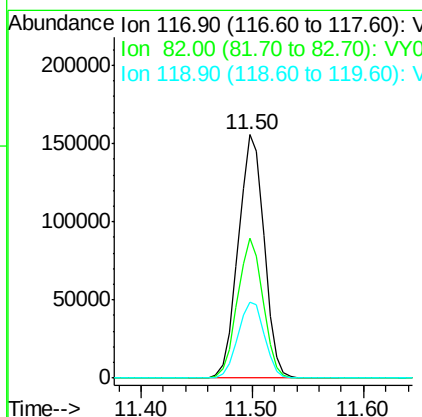
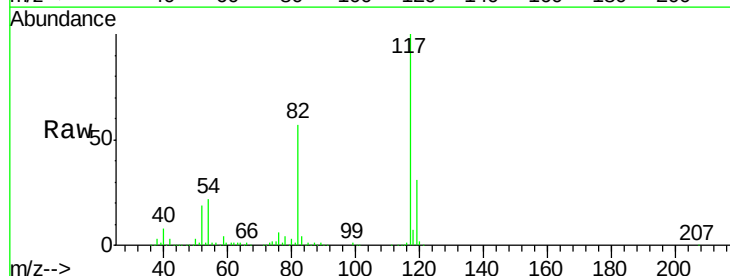
Instrument :
MSVOA_Y
ClientSampleId :
EP-8

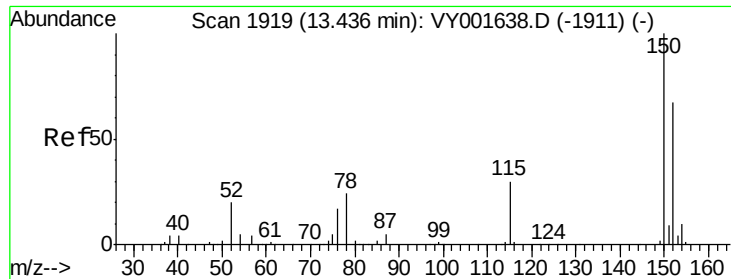
Tot Ion	95	Resp	109160
Ion Ratio	Lower	Upper	
95	100		
174	72.7	0.0	138.4
176	70.9	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion	117	Resp	249762
Ion Ratio	Lower	Upper	
117	100		
82	57.4	45.5	68.3
119	31.3	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001839.D

Acq: 03 Mar 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

EP-8

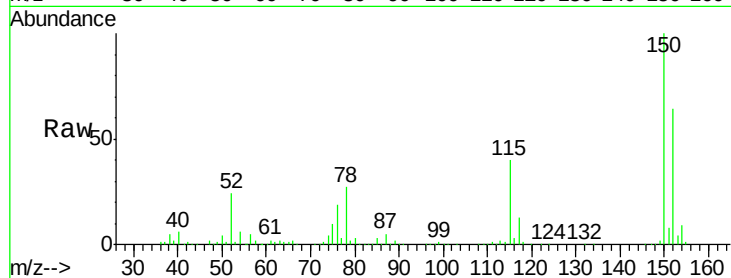
Tot Ion:152 Resp: 98612

Ion Ratio Lower Upper

152 100

115 60.8 31.4 94.2

150 158.1 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

