

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001838.D
 Acq On : 03 Mar 2020 16:26
 Operator : SY/MD
 Sample : L1772-02
 Misc : 6.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-7

Quant Time: Mar 04 04:20:05 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	148622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	109676	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	92748	58.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.04%	
35) Dibromofluoromethane	7.74	113	82778	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.19	98	345995	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.49	95	114117	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	

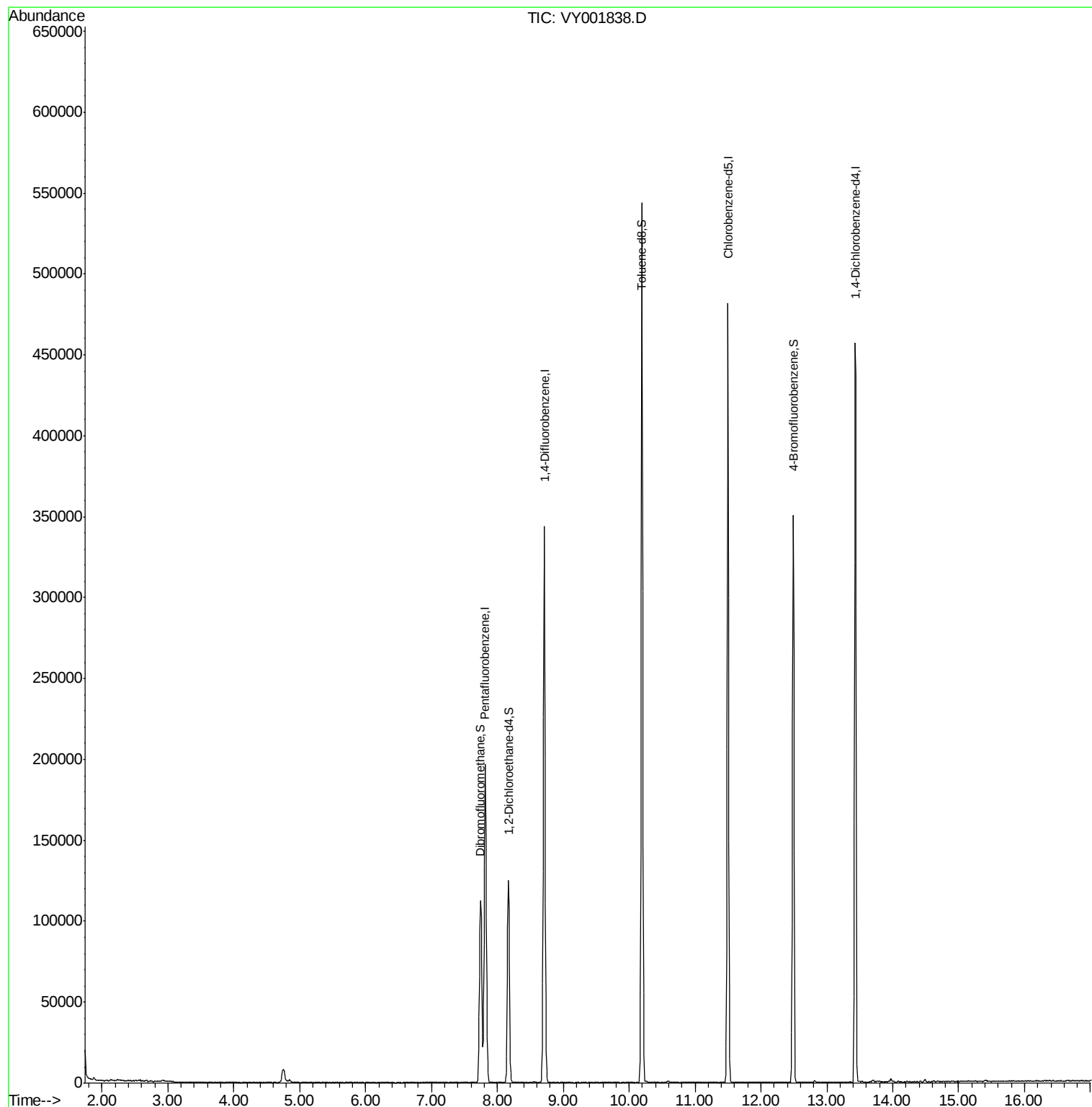
Target Compounds	Qvalue
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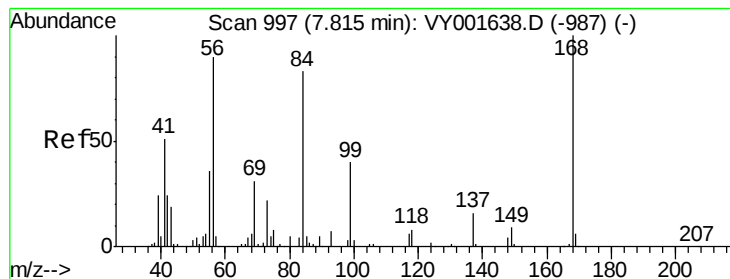
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001838.D

Acq: 03 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampled :

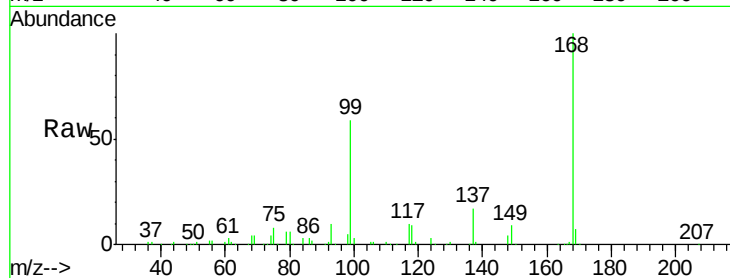
EP-7

Tot Ion:168 Resp: 148622

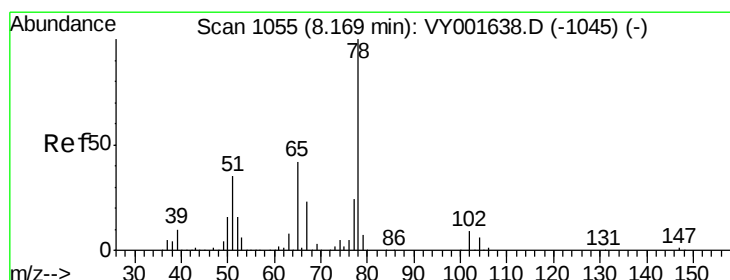
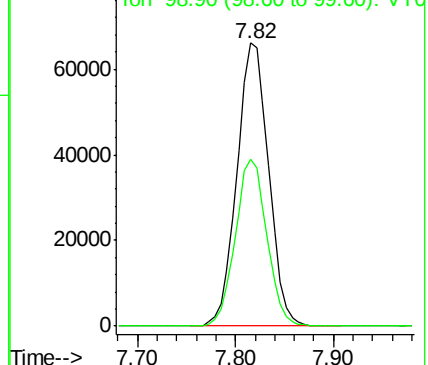
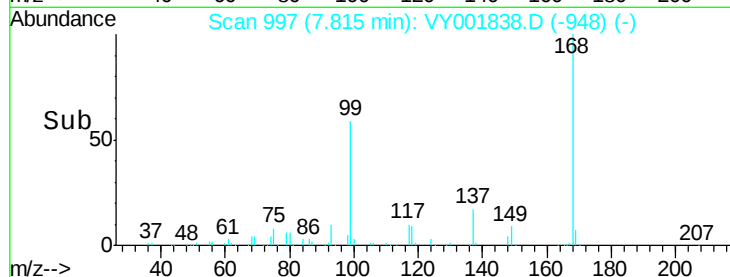
Ion Ratio Lower Upper

168 100

99 58.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001838.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.017 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001838.D

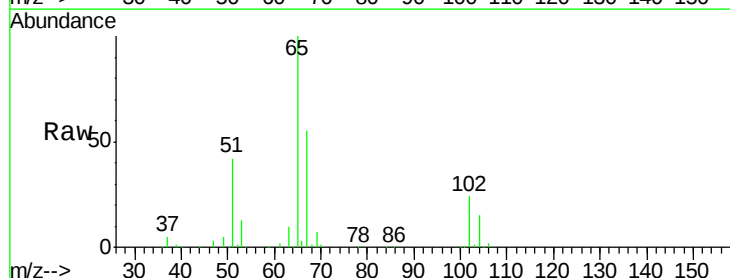
Acq: 03 Mar 2020 16:26

Tgt Ion: 65 Resp: 92748

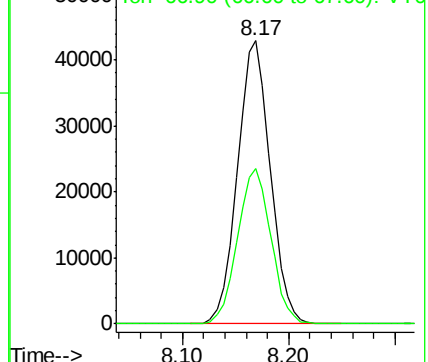
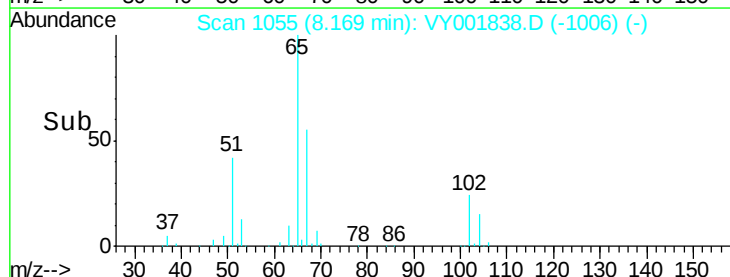
Ion Ratio Lower Upper

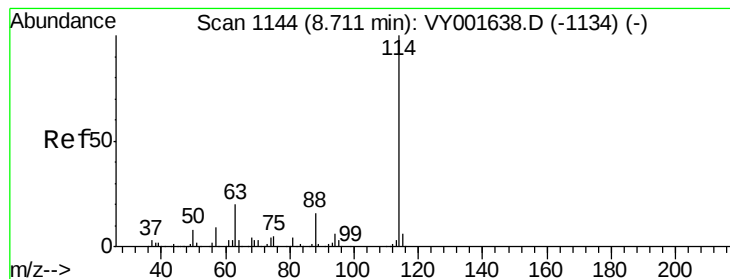
65 100

67 56.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001838.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001838.D

Acq: 03 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

EP-7

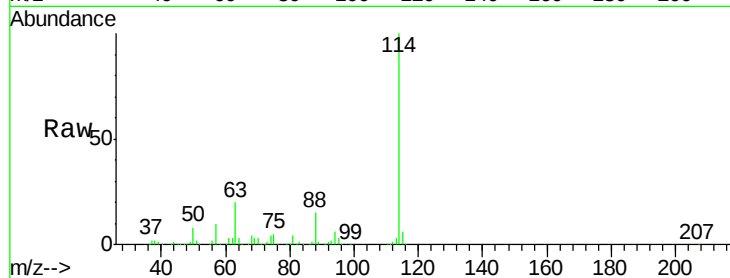
Tot Ion:114 Resp: 283901

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

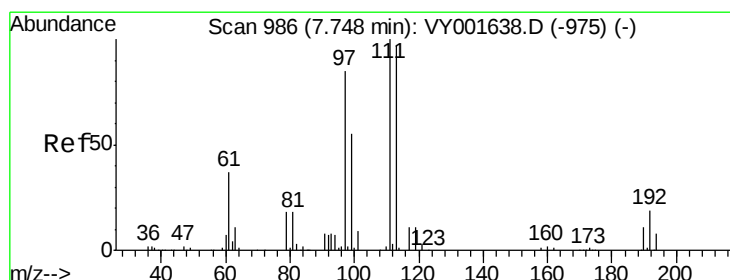
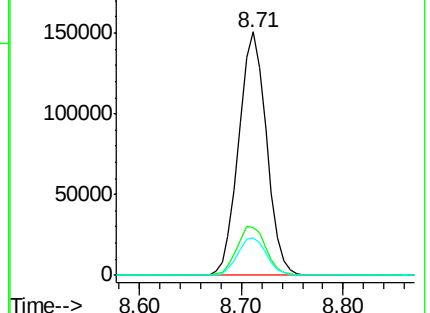
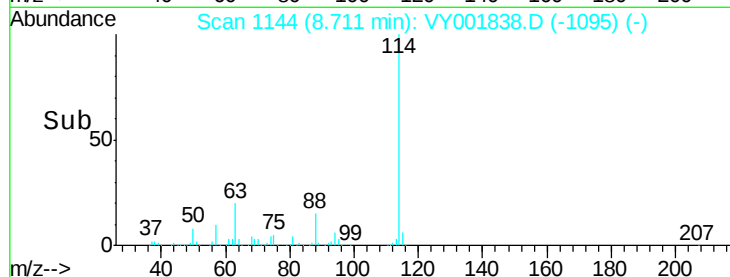
88 15.2 0.0 32.8



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: 50.907 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001838.D

Acq: 03 Mar 2020 16:26

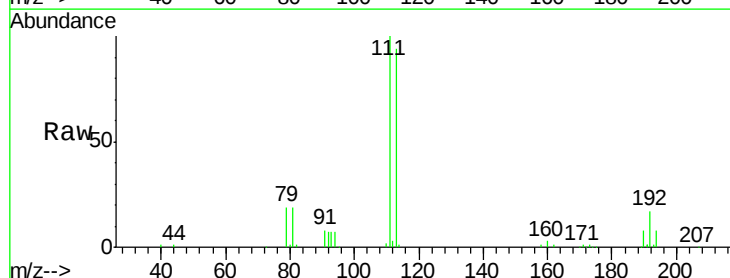
Tgt Ion:113 Resp: 82778

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

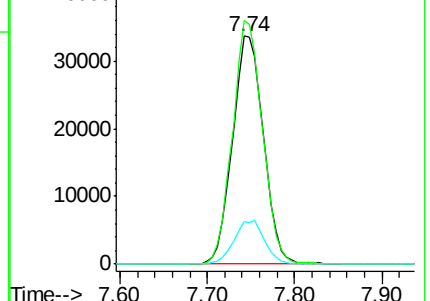
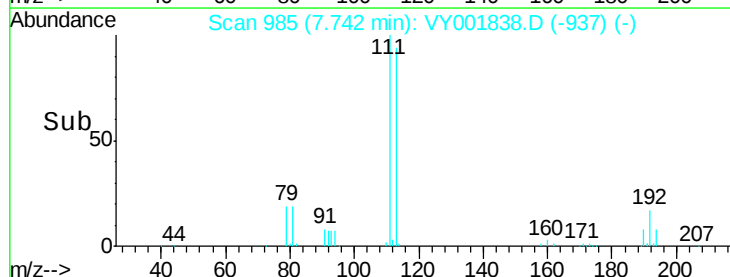
192 18.8 14.3 21.5

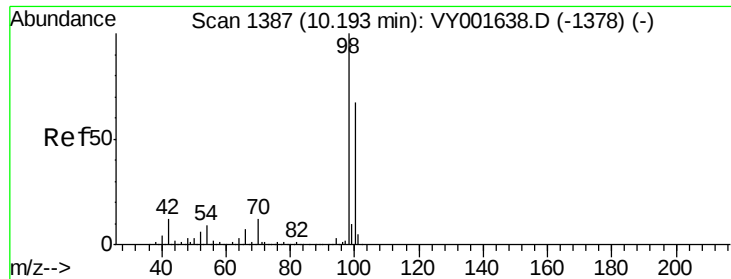


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.313 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001838.D

Acq: 03 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

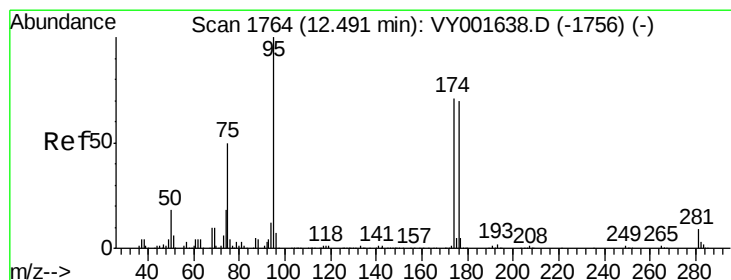
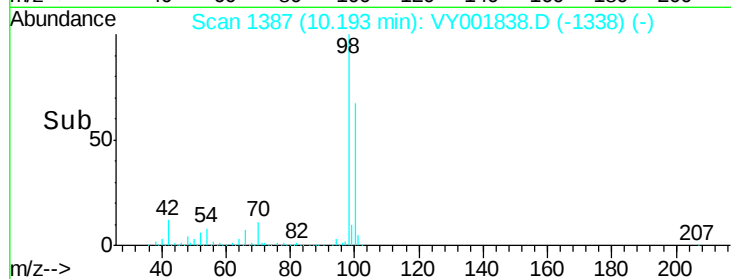
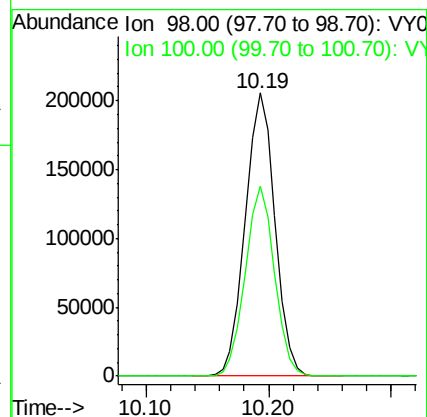
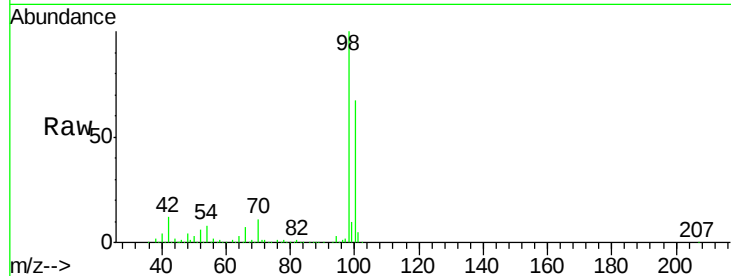
EP-7

Tot Ion: 98 Resp: 345995

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 46.111 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001838.D

Acq: 03 Mar 2020 16:26

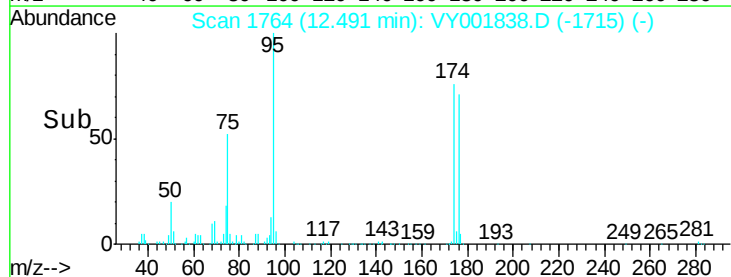
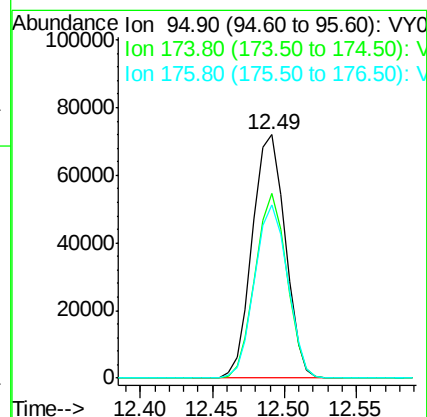
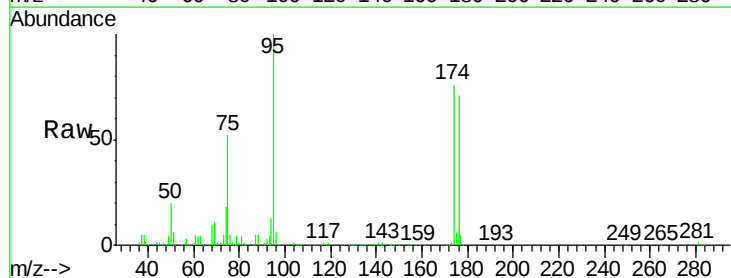
Tgt Ion: 95 Resp: 114117

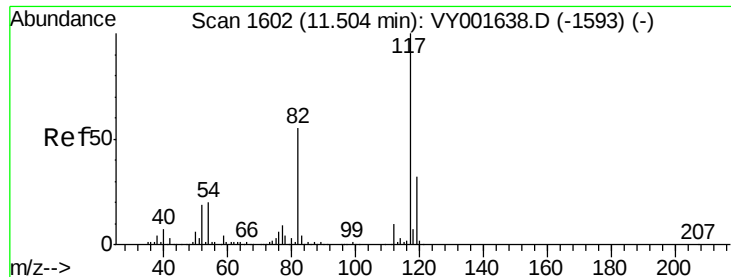
Ion Ratio Lower Upper

95 100

174 73.3 0.0 138.4

176 71.3 0.0 131.8

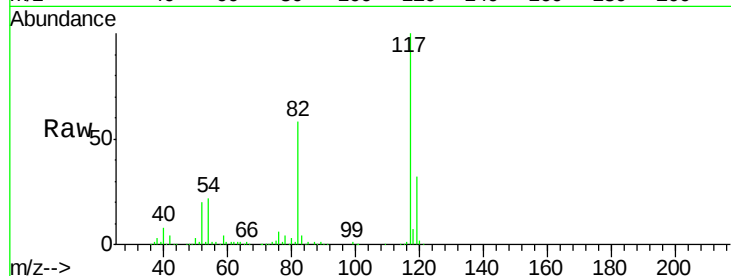




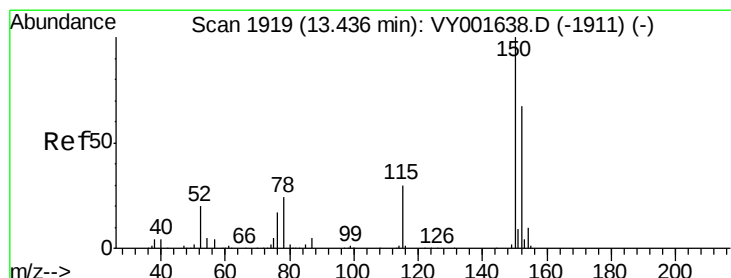
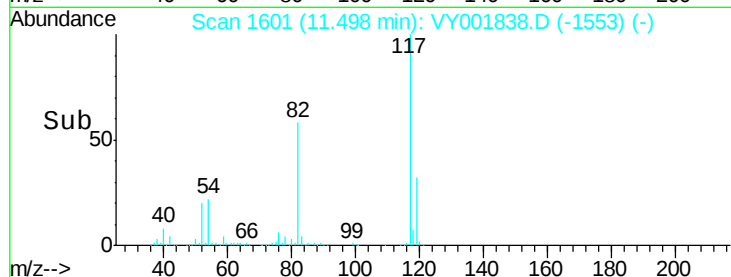
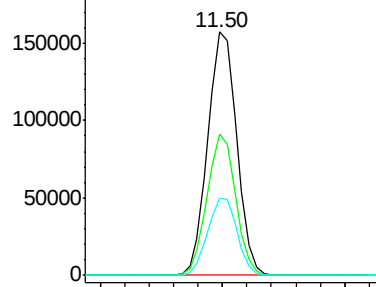
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001838.D
Acq: 03 Mar 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-7

Tot Ion:117 Resp: 257740
Ion Ratio Lower Upper
117 100
82 58.2 45.5 68.3
119 31.9 25.8 38.6

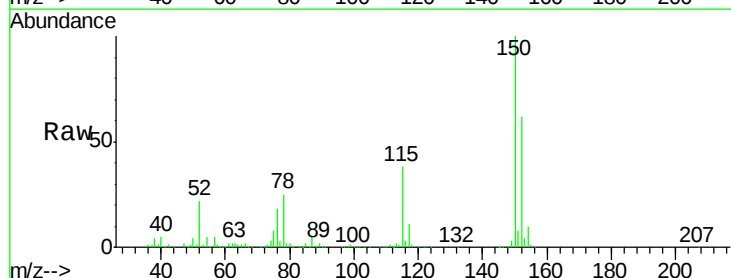


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001838.D
Acq: 03 Mar 2020 16:26

Tgt Ion:152 Resp: 109676
Ion Ratio Lower Upper
152 100
115 62.5 31.4 94.2
150 159.8 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

