

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001518.D
 Acq On : 05 Feb 2020 19:25
 Operator : SY/MD
 Sample : L1360-04
 Misc : 12.35G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Feb 06 08:05:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167075	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	311838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140199	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	105773	62.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.76%	
35) Dibromofluoromethane	7.75	113	94589	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
50) Toluene-d8	10.20	98	374939	55.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.22%	
62) 4-Bromofluorobenzene	12.49	95	145244	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	

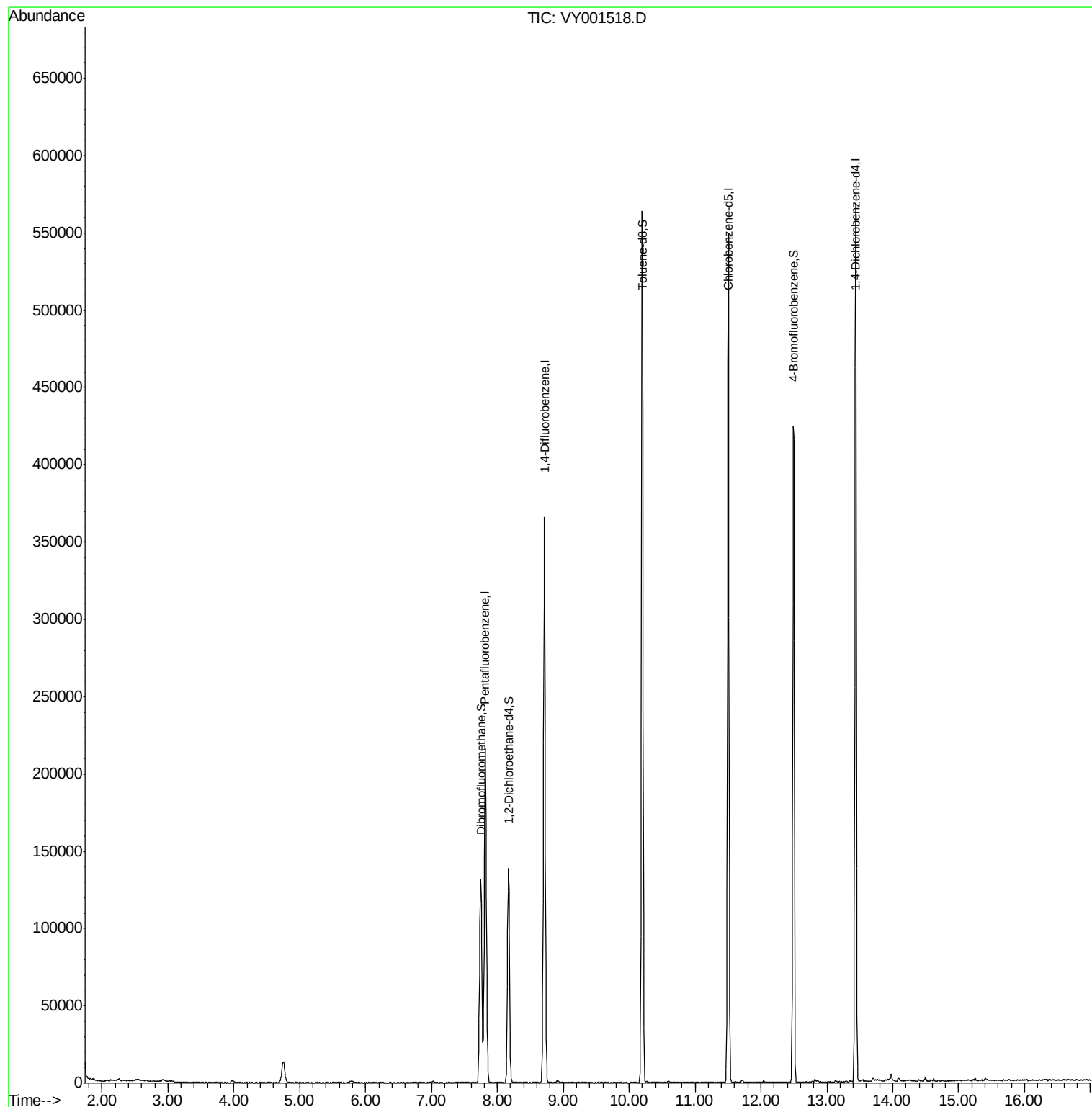
Target Compounds	Qvalue
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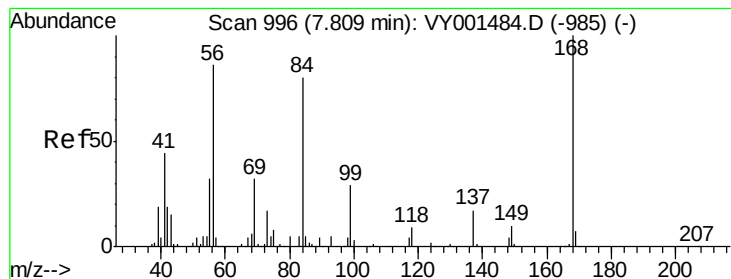
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001518.D

Acq: 05 Feb 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

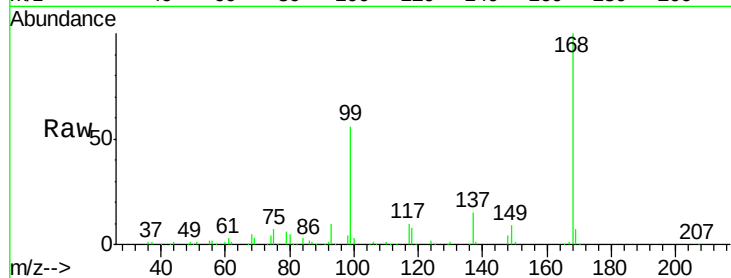
TP-4

Tot Ion:168 Resp: 167075

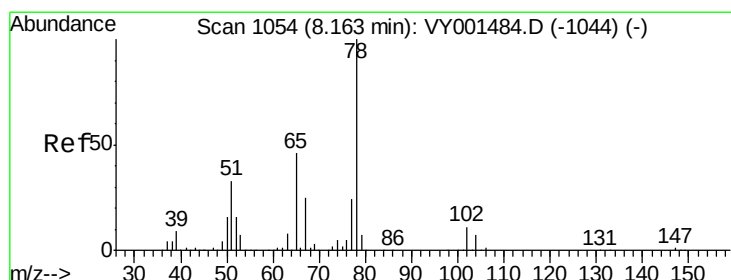
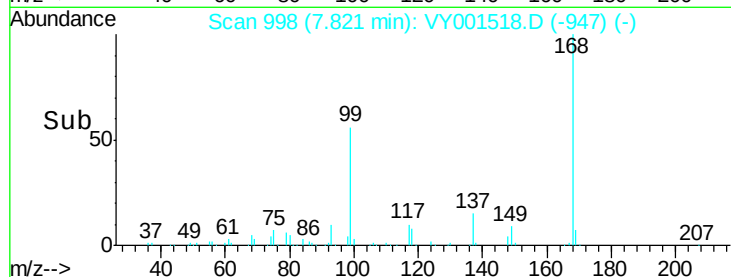
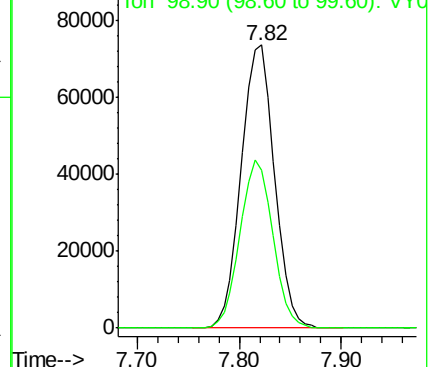
Ion Ratio Lower Upper

168 100

99 56.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001518.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 62.878 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001518.D

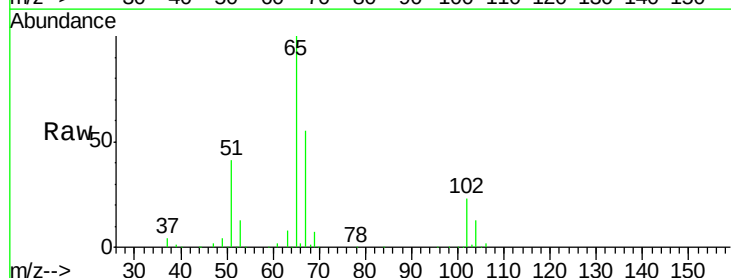
Acq: 05 Feb 2020 19:25

Tgt Ion: 65 Resp: 105773

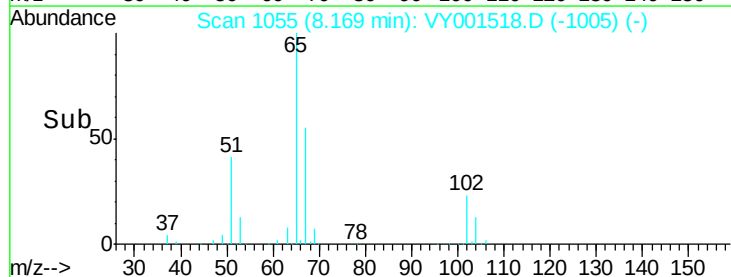
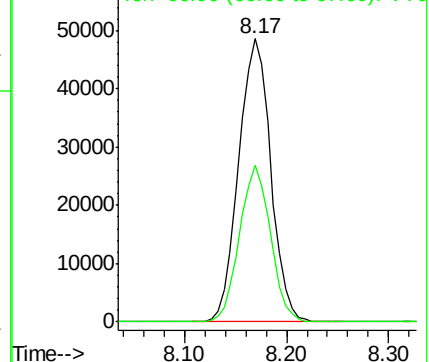
Ion Ratio Lower Upper

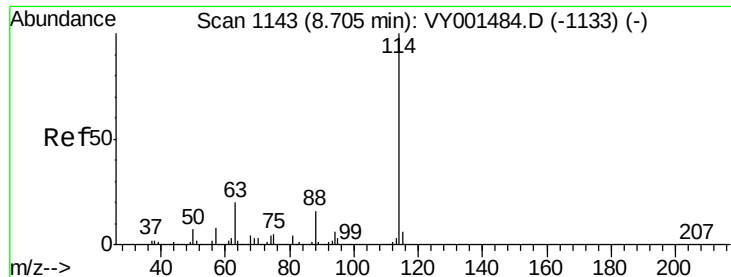
65 100

67 53.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001518.D (-1005) (-)

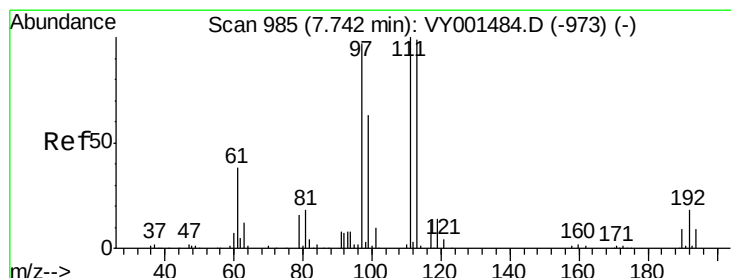
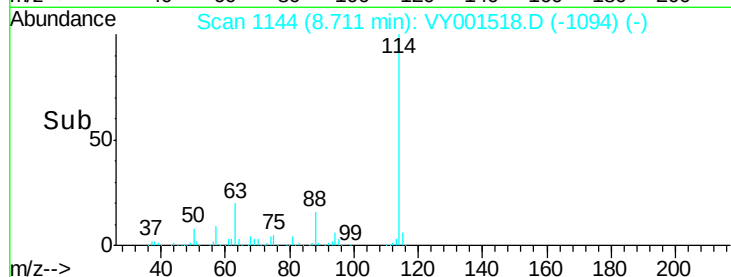
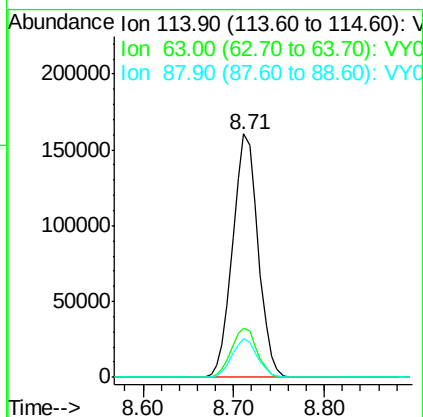
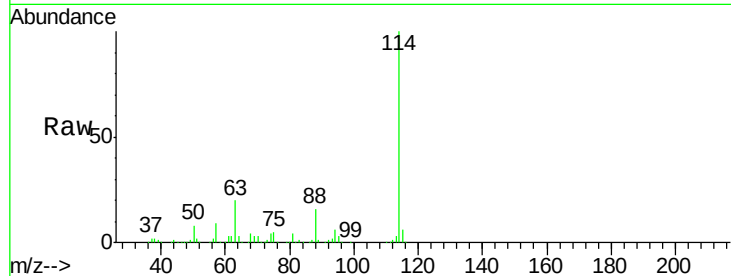




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001518.D
 Acq: 05 Feb 2020 19:25

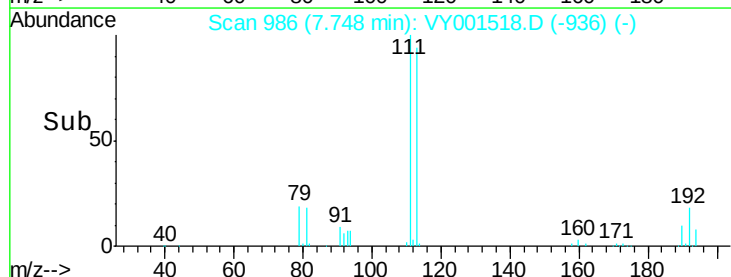
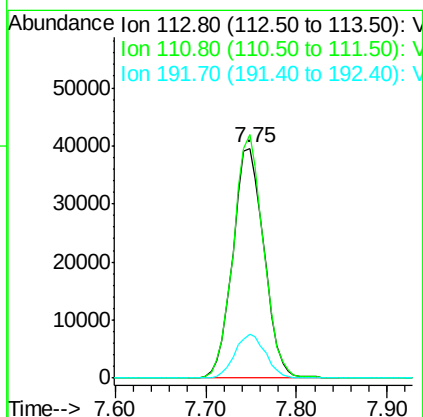
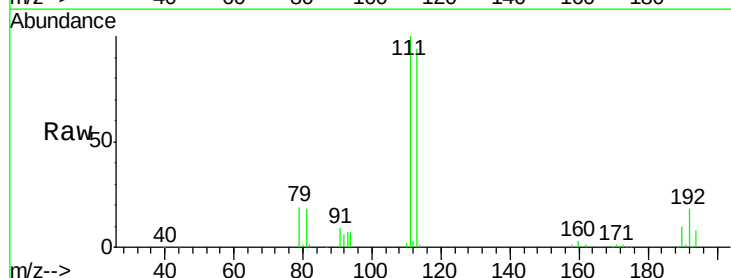
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

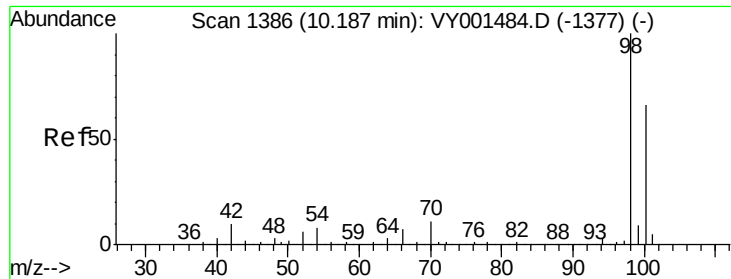
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	16.2	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.602 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001518.D
 Acq: 05 Feb 2020 19:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	18.9	14.6	22.0





#50

Toluene-d8

Concen: 55.111 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001518.D

Acq: 05 Feb 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

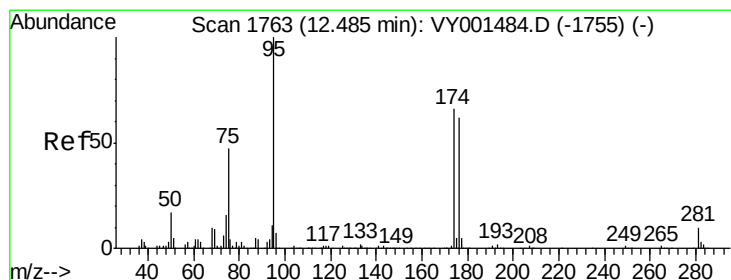
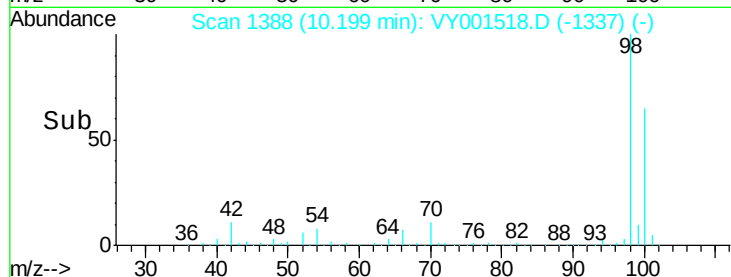
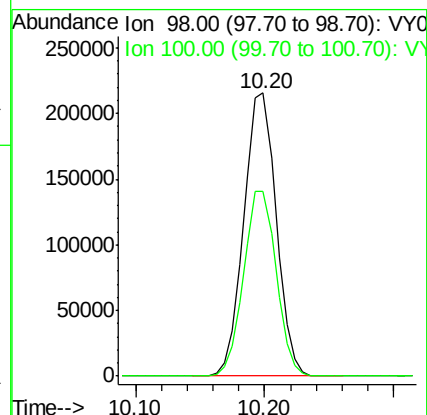
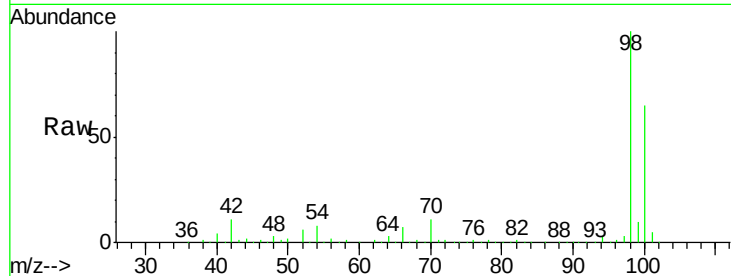
TP-4

Tot Ion: 98 Resp: 374939

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 54.192 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001518.D

Acq: 05 Feb 2020 19:25

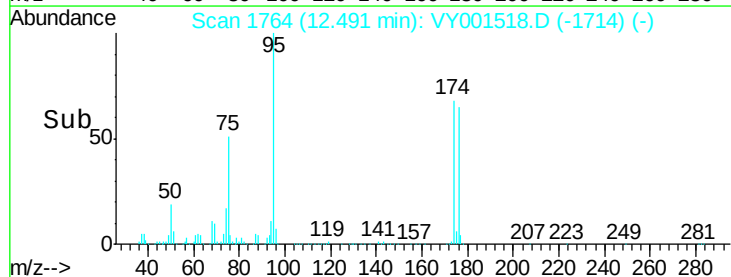
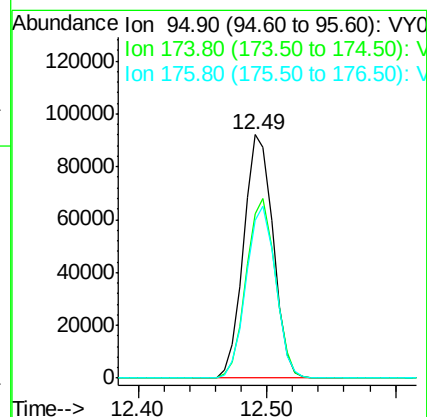
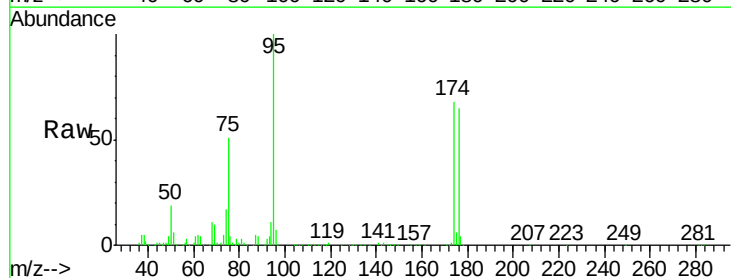
Tgt Ion: 95 Resp: 145244

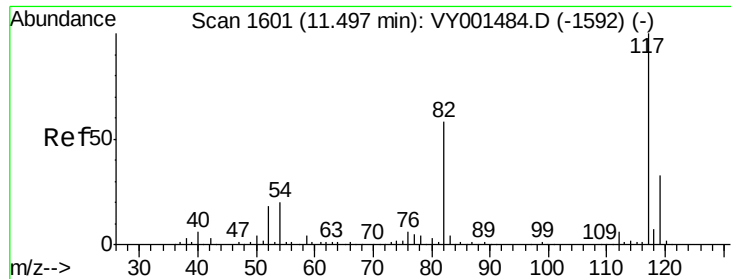
Ion Ratio Lower Upper

95 100

174 72.8 0.0 141.4

176 70.3 0.0 135.4

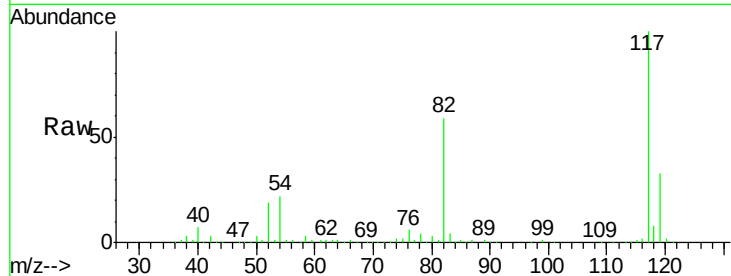




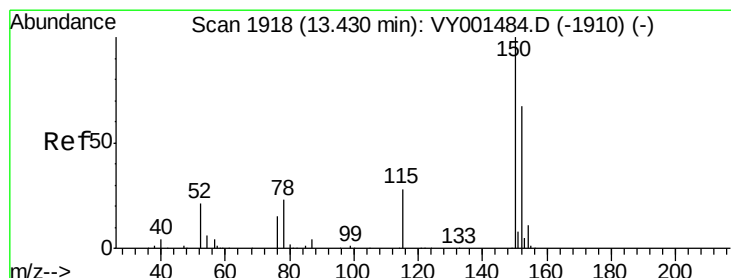
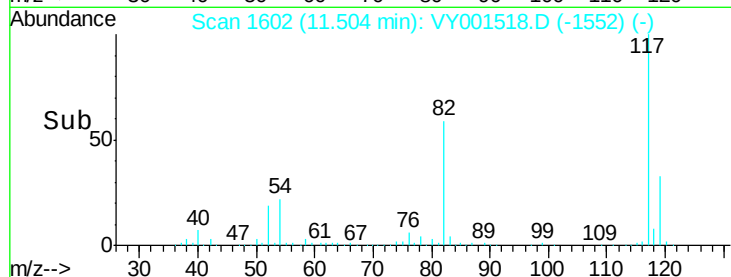
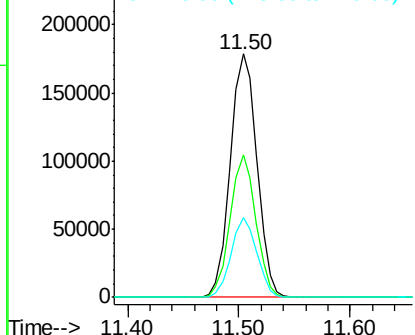
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001518.D
Acq: 05 Feb 2020 19:25

Instrument :
MSVOA_Y
ClientSampled :
TP-4

Tot Ion:117 Resp: 295322
Ion Ratio Lower Upper
117 100
82 58.6 46.1 69.1
119 32.9 26.1 39.1

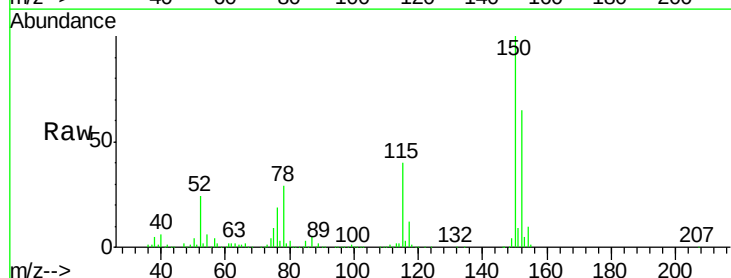


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001518.D
Acq: 05 Feb 2020 19:25

Tgt Ion:152 Resp: 140199
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.3
150 156.3 0.0 346.8



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

