

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001571.D
 Acq On : 07 Feb 2020 21:35
 Operator : SY/MD
 Sample : L1449-03
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-3-BY-TANK-EAST

Quant Time: Feb 08 04:13:35 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	7.83	168	18658	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	30770	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	24392	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	10815	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	9443	50.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.76	113	8598	48.46	ug/l	0.02
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.21	98	35463	52.83	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.50	95	10251	38.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	77.52%	

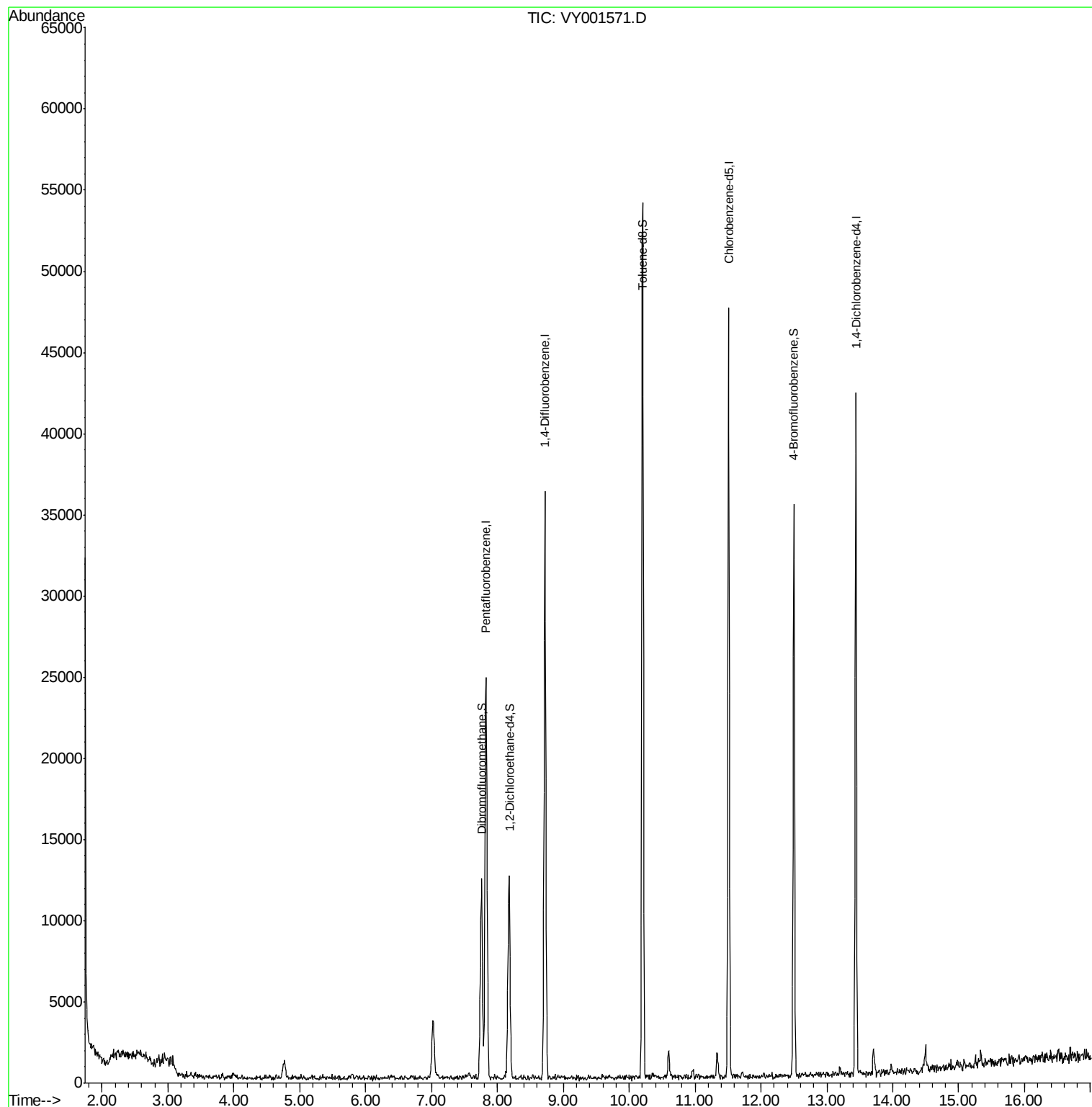
Target Compounds	Qvalue

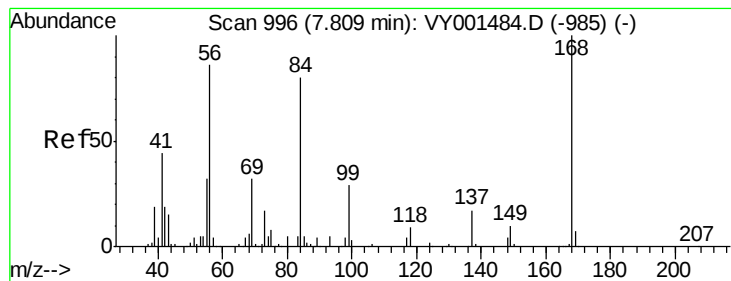
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001571.D

Acq: 07 Feb 2020 21:35

Instrument :

MSVOA_Y

ClientSampleId :

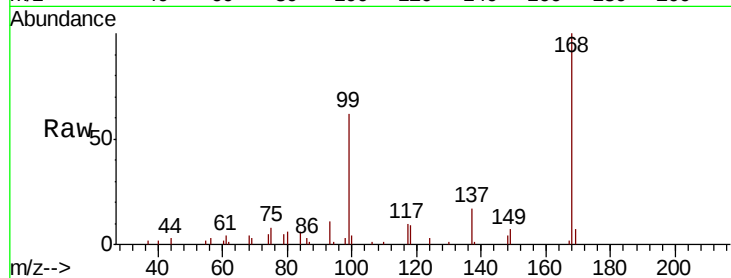
S-3-BY-TANK-EAST

Tot Ion:168 Resp: 18658

Ion Ratio Lower Upper

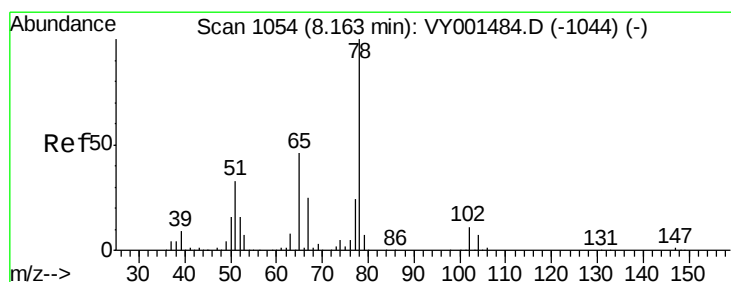
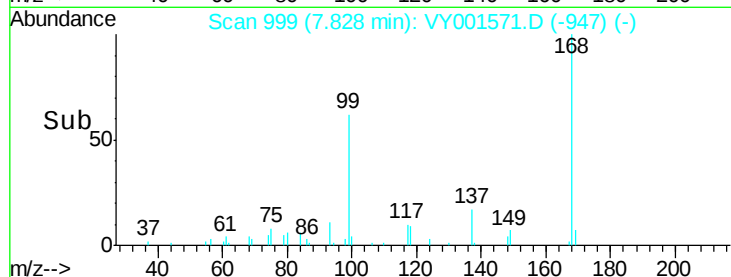
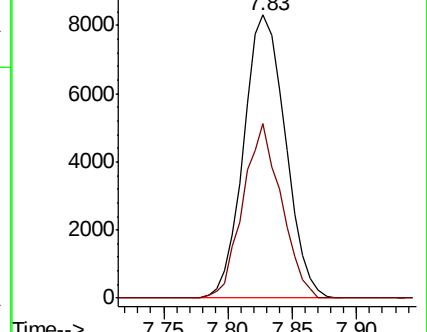
168 100

99 61.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001571.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001571.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.266 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001571.D

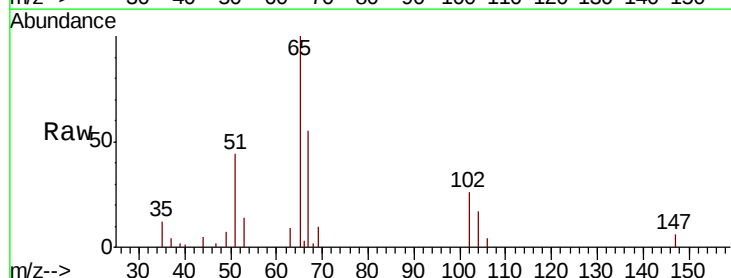
Acq: 07 Feb 2020 21:35

Tgt Ion: 65 Resp: 9443

Ion Ratio Lower Upper

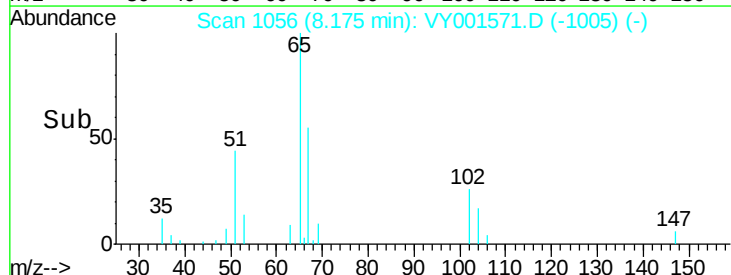
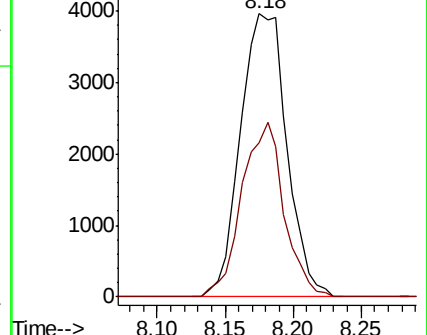
65 100

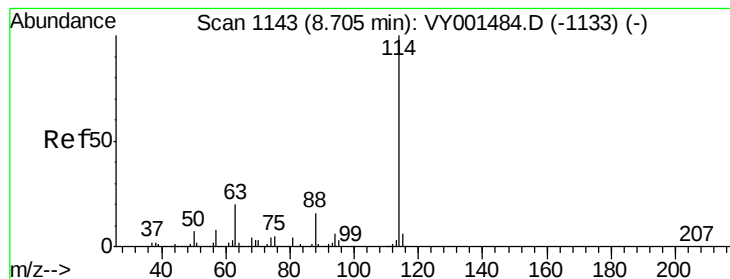
67 56.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001571.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001571.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001571.D

Acq: 07 Feb 2020 21:35

Instrument :

MSVOA_Y

ClientSampleId :

S-3-BY-TANK-EAST

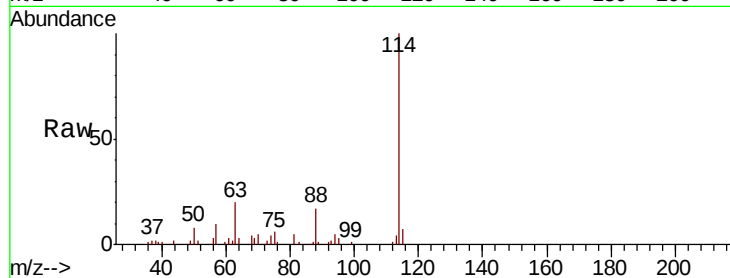
Tot Ion:114 Resp: 30770

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

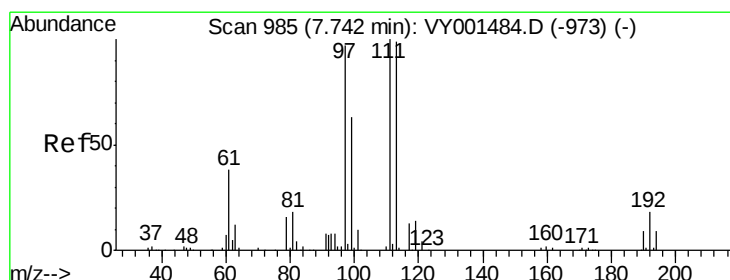
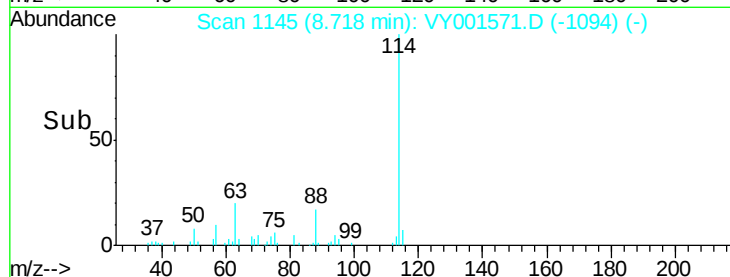
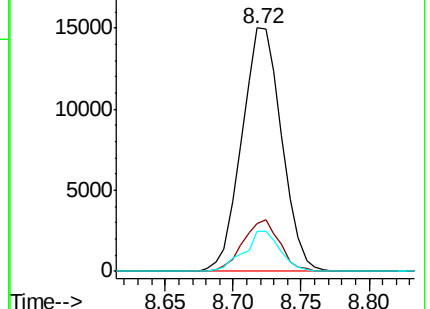
88 16.5 0.0 32.6



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: 48.457 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.02 min

Lab File: VY001571.D

Acq: 07 Feb 2020 21:35

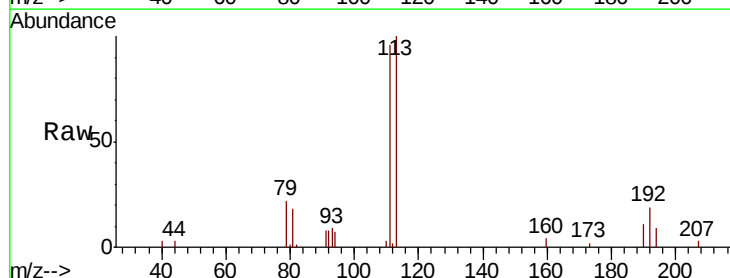
Tgt Ion:113 Resp: 8598

Ion Ratio Lower Upper

113 100

111 98.0 82.9 124.3

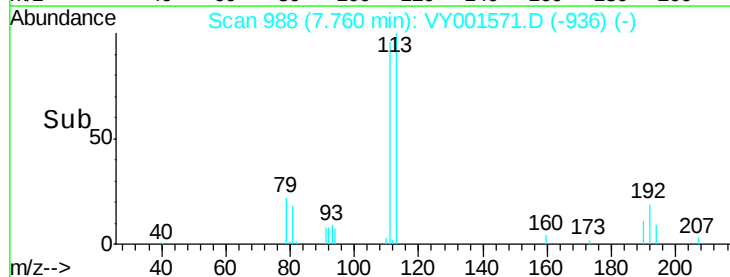
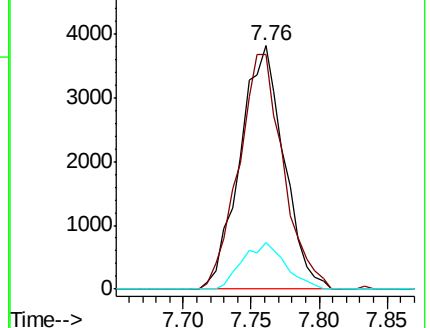
192 18.7 14.6 22.0

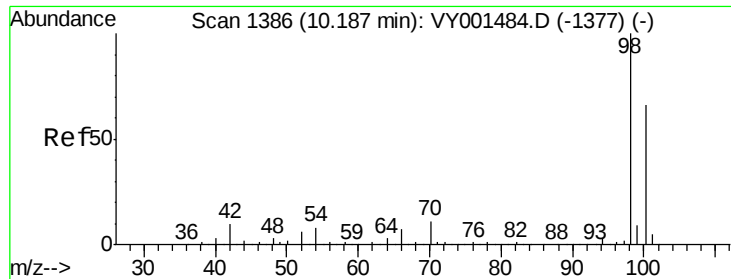


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.826 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001571.D

Acq: 07 Feb 2020 21:35

Instrument :

MSVOA_Y

ClientSampleId :

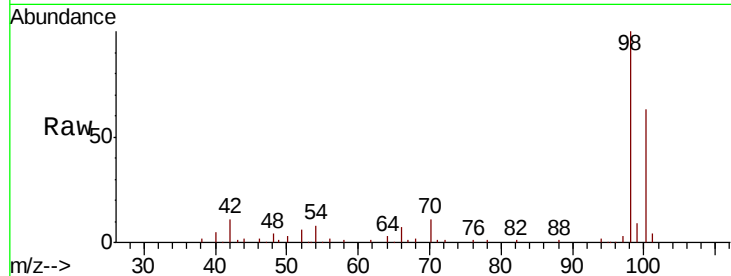
S-3-BY-TANK-EAST

Tot Ion: 98 Resp: 35463

Ion Ratio Lower Upper

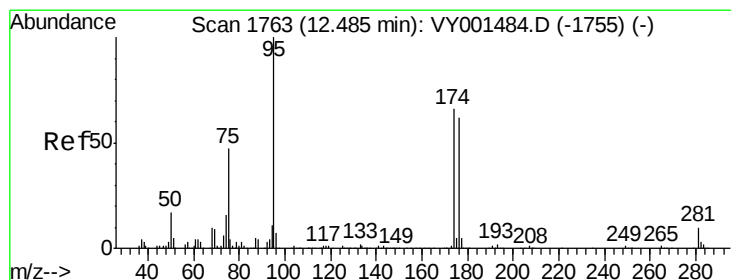
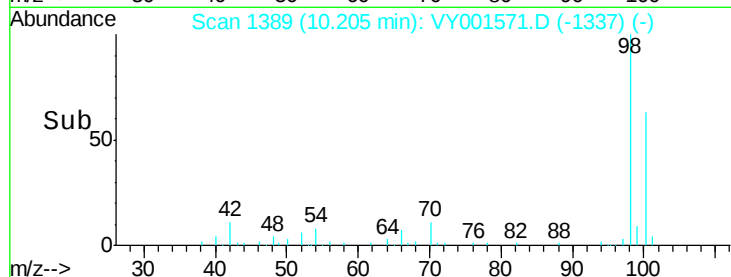
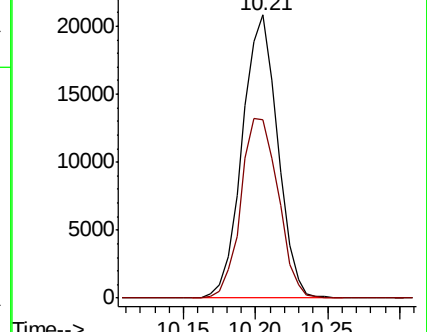
98 100

100 67.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001484.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 38.762 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001571.D

Acq: 07 Feb 2020 21:35

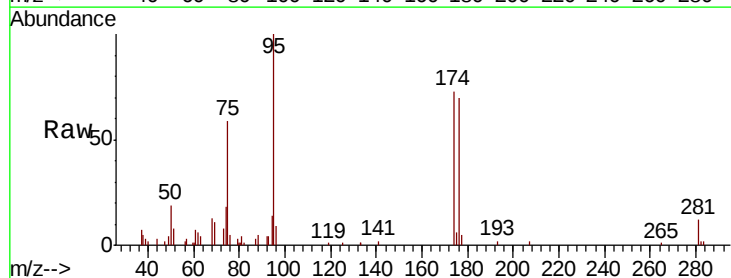
Tgt Ion: 95 Resp: 10251

Ion Ratio Lower Upper

95 100

174 81.5 0.0 141.4

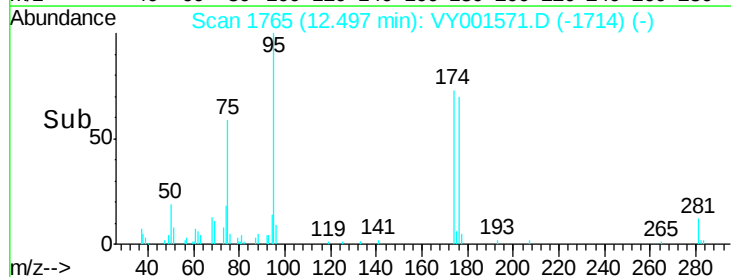
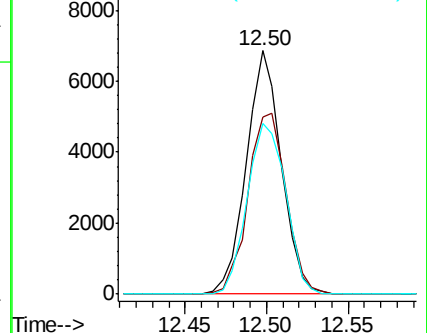
176 77.2 0.0 135.4

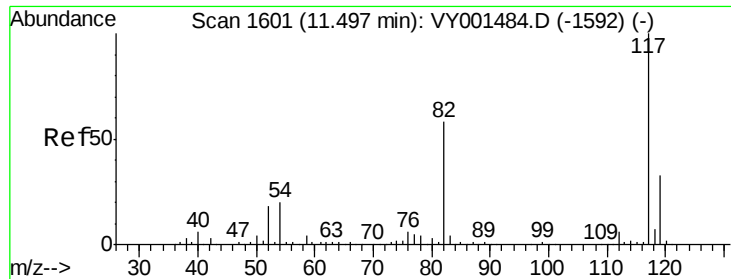


Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001484.D (-1755) (-)

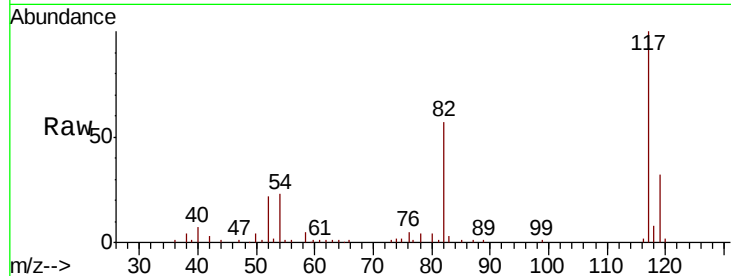




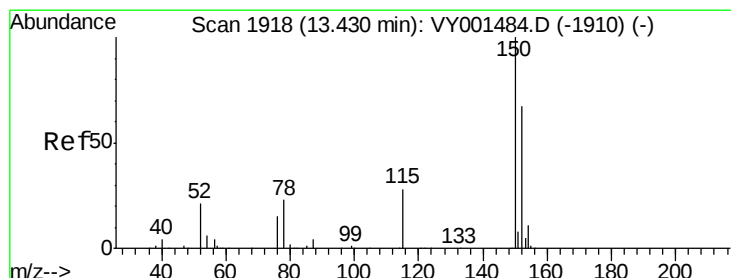
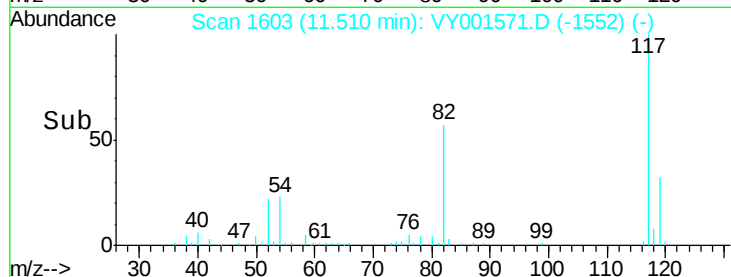
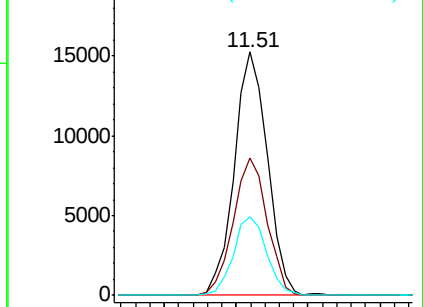
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001571.D
Acq: 07 Feb 2020 21:35

Instrument :
MSVOA_Y
ClientSampleId :
S-3-BY-TANK-EAST

Tot Ion:117 Resp: 24392
Ion Ratio Lower Upper
117 100
82 56.6 46.1 69.1
119 32.3 26.1 39.1

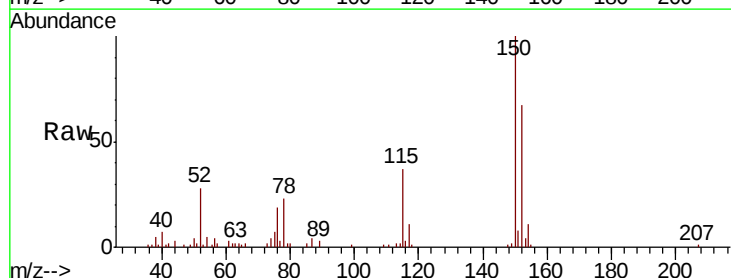


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001571.D
Acq: 07 Feb 2020 21:35

Tgt Ion:152 Resp: 10815
Ion Ratio Lower Upper
152 100
115 60.4 31.4 94.3
150 146.0 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

