

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001575.D
 Acq On : 07 Feb 2020 23:03
 Operator : SY/MD
 Sample : L1470-04
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3-(SIDE-WALL)-EAST

Quant Time: Feb 08 04:22:20 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	161802	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	286158	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.51	117	258690	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	118256	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	94371	57.93	ug/l	0.02
Spiked Amount			Recovery	=	115.86%	
35) Dibromofluoromethane	7.76	113	83060	50.34	ug/l	0.02
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.21	98	344030	55.11	ug/l	0.02
Spiked Amount			Recovery	=	110.22%	
62) 4-Bromofluorobenzene	12.50	95	116837	47.51	ug/l	0.01
Spiked Amount			Recovery	=	95.02%	

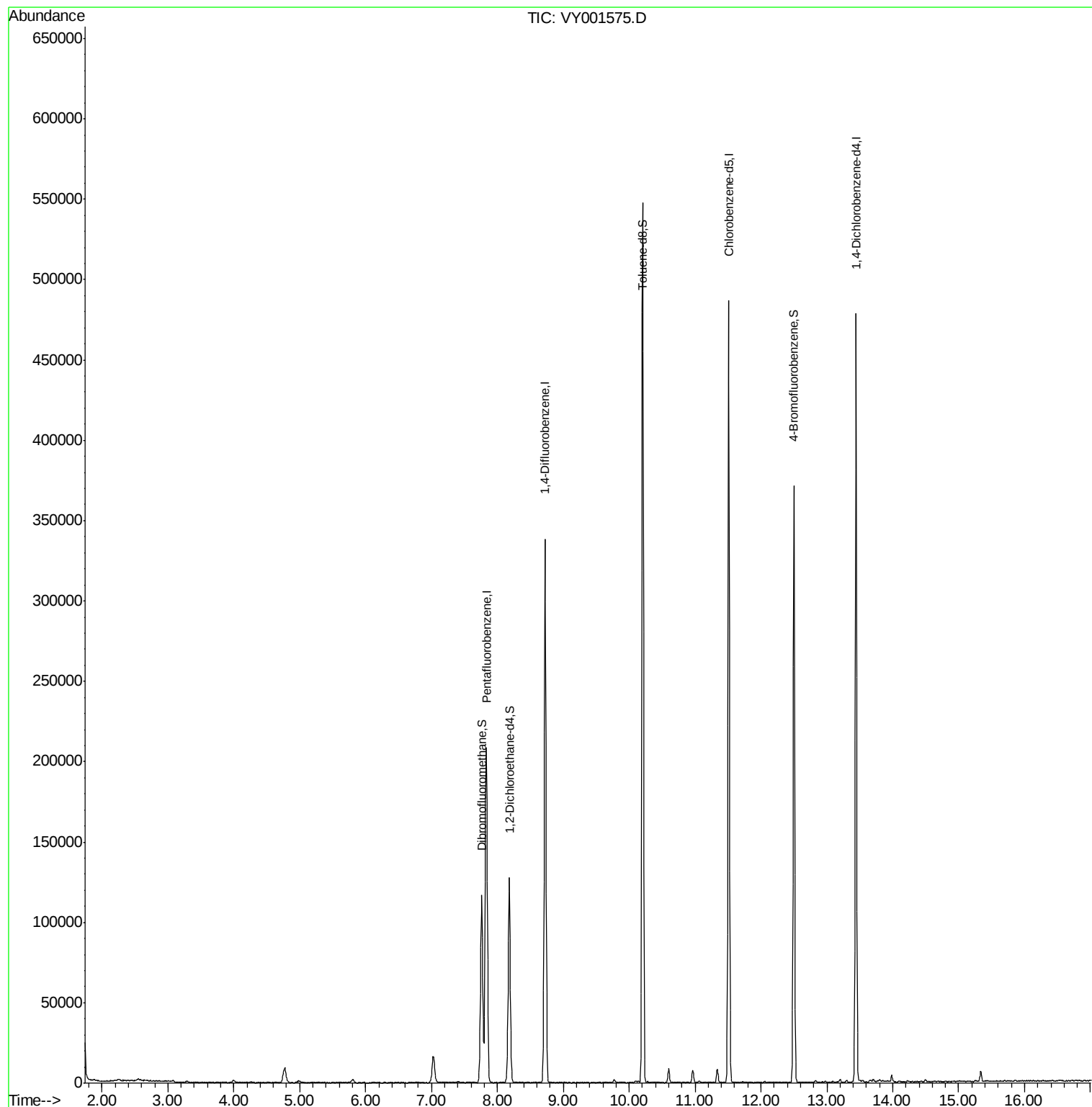
Target Compounds	Qvalue
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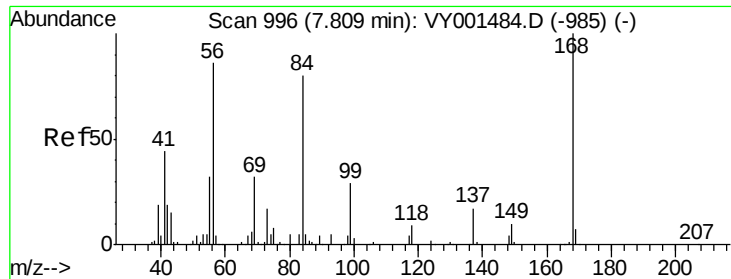
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.02 min

Lab File: VY001575.D

Acq: 07 Feb 2020 23:03

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MSVOA_Y

ClientSampleId :

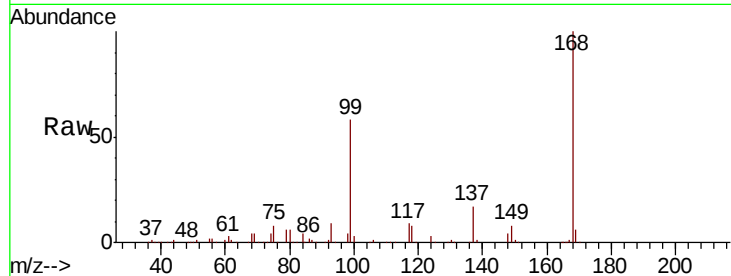
PE-3-(SIDE-WALL)-EAST

Tot Ion:168 Resp: 161802

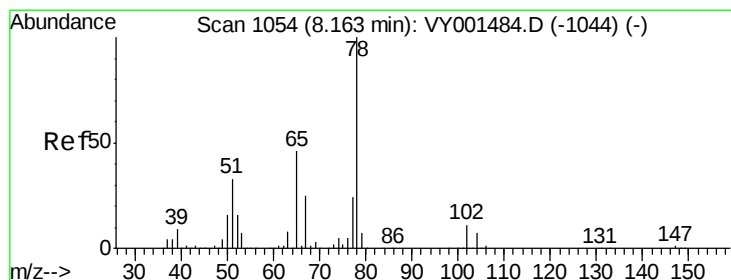
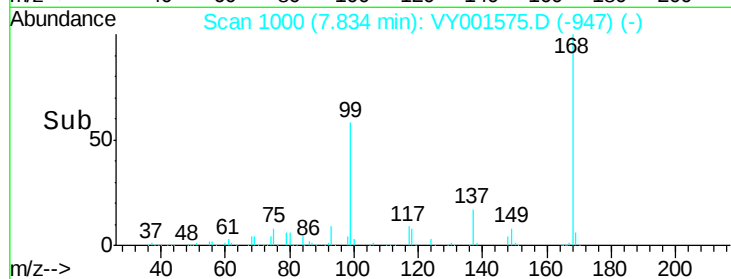
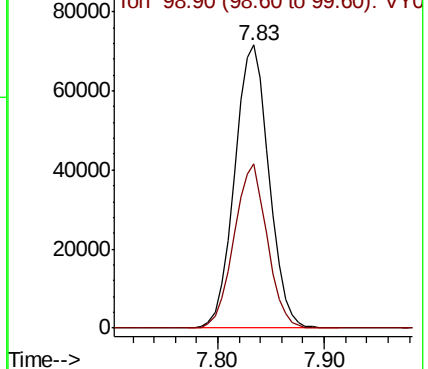
Ion Ratio Lower Upper

168 100

99 58.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001575.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.928 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.02 min

Lab File: VY001575.D

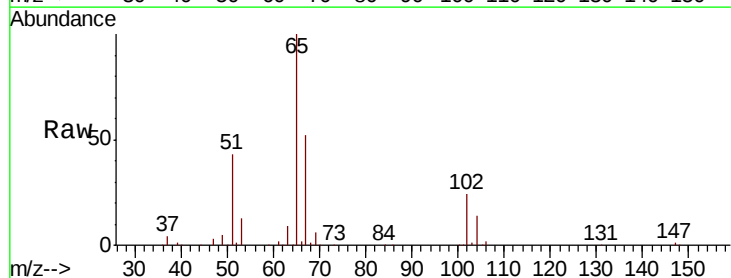
Acq: 07 Feb 2020 23:03

Tgt Ion: 65 Resp: 94371

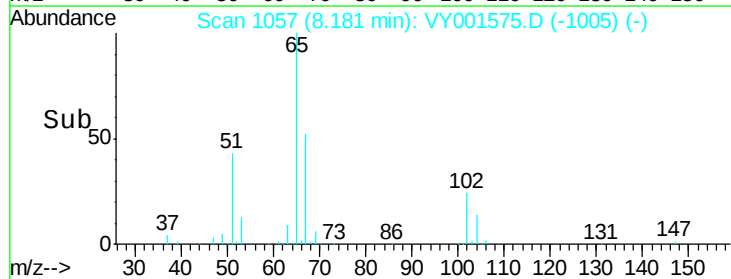
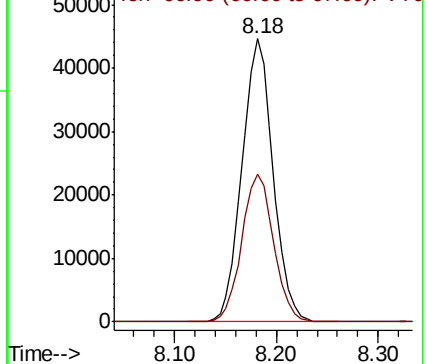
Ion Ratio Lower Upper

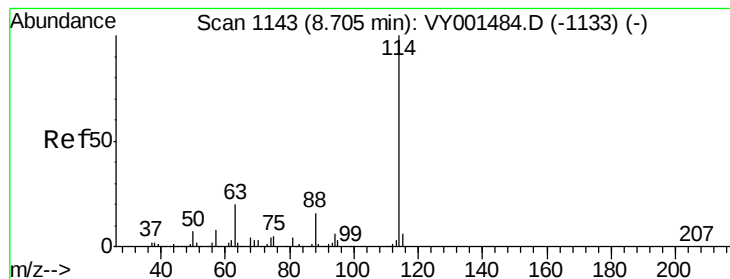
65 100

67 53.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001575.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.02 min

Lab File: VY001575.D

Acq: 07 Feb 2020 23:03

Instrument :

MSVOA_Y

ClientSampleId :

PE-3-(SIDE-WALL)-EAST

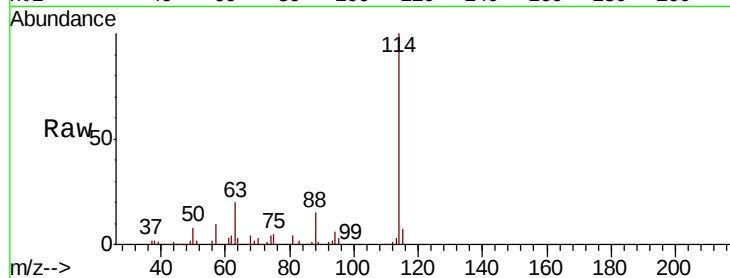
Tot Ion:114 Resp: 286158

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

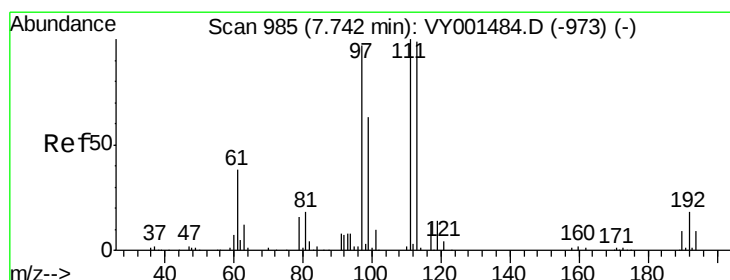
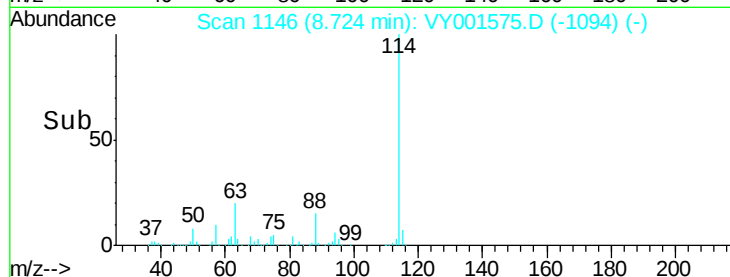
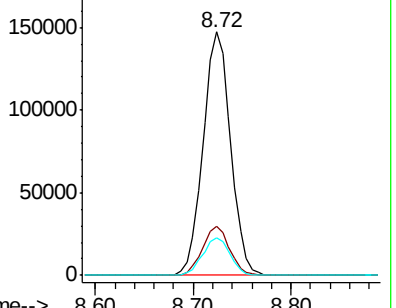
88 15.4 0.0 32.6



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: 50.336 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.02 min

Lab File: VY001575.D

Acq: 07 Feb 2020 23:03

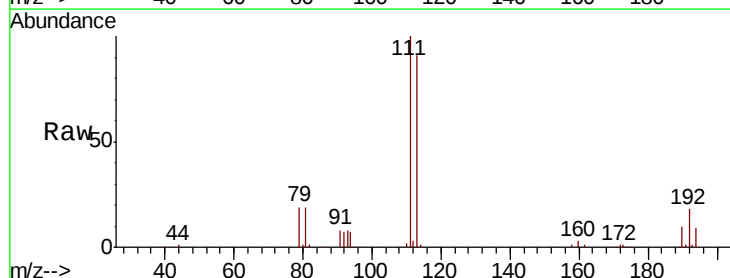
Tgt Ion:113 Resp: 83060

Ion Ratio Lower Upper

113 100

111 105.6 82.9 124.3

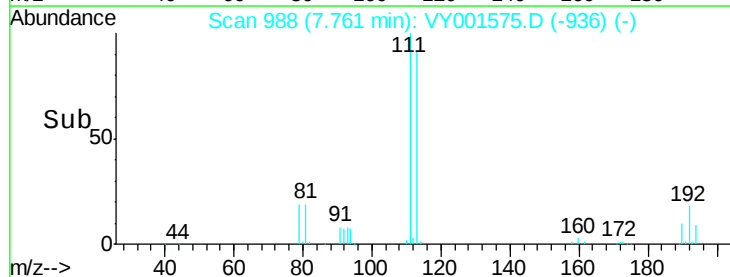
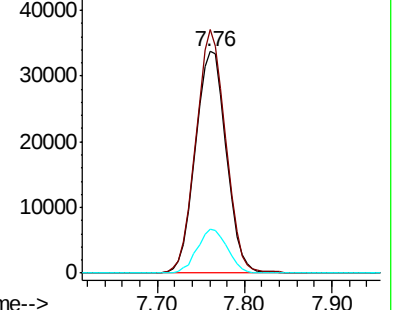
192 19.4 14.6 22.0

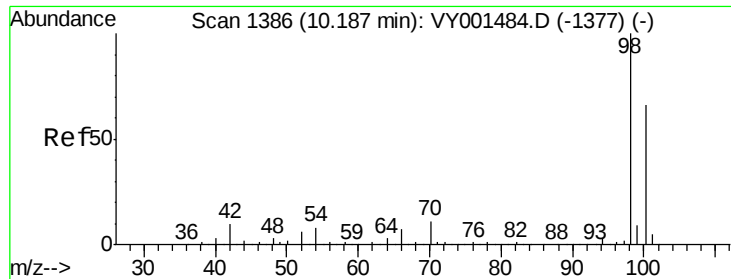


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.105 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001575.D

Acq: 07 Feb 2020 23:03

Instrument :

MSVOA_Y

ClientSampleId :

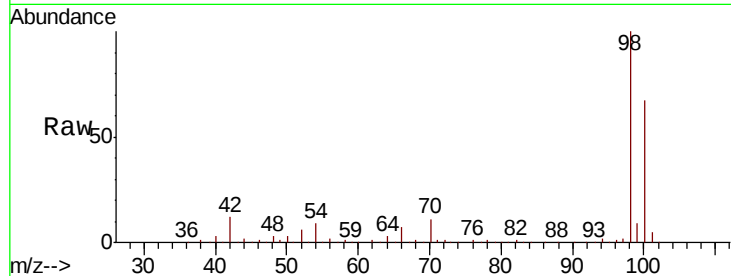
PE-3-(SIDE-WALL)-EAST

Tot Ion: 98 Resp: 344030

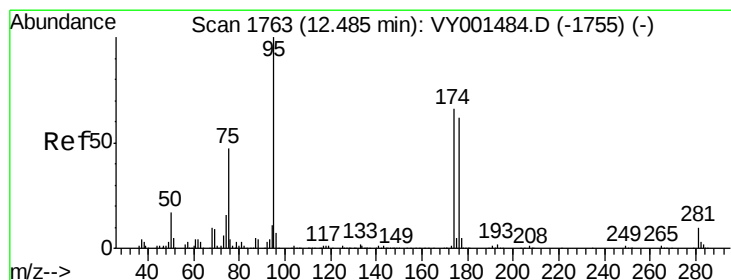
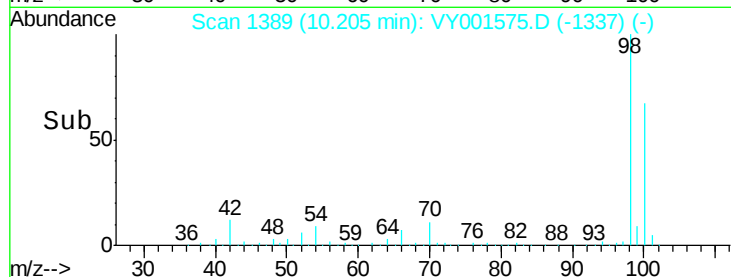
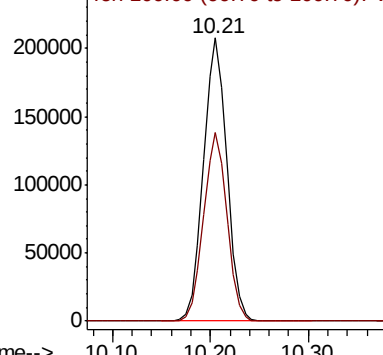
Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6



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



#62

4-Bromofluorobenzene

Concen: 47.505 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001575.D

Acq: 07 Feb 2020 23:03

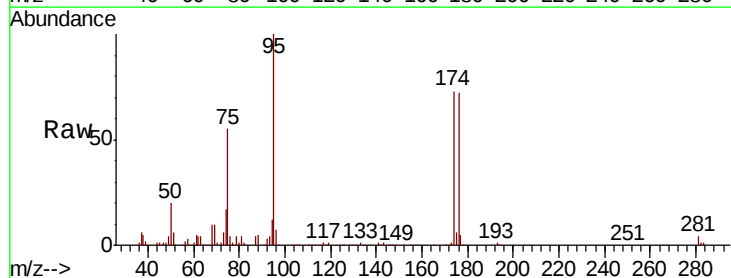
Tgt Ion: 95 Resp: 116837

Ion Ratio Lower Upper

95 100

174 76.2 0.0 141.4

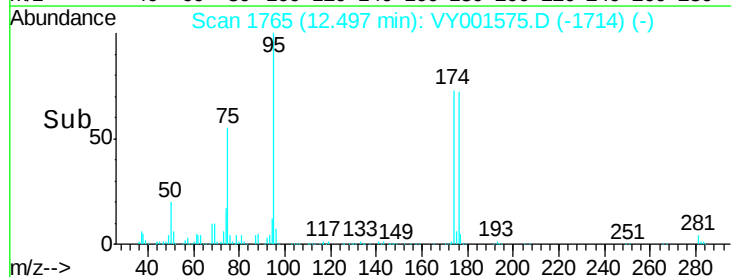
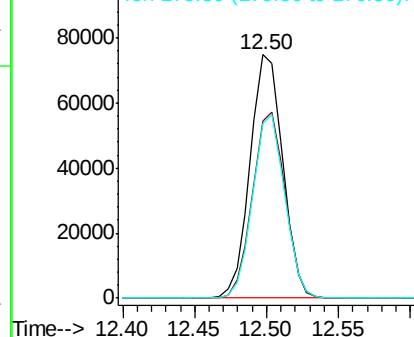
176 74.1 0.0 135.4

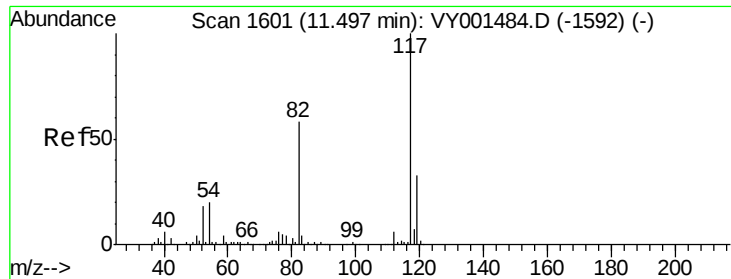


Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

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

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

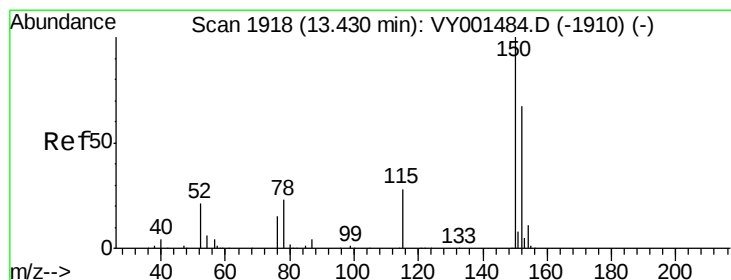
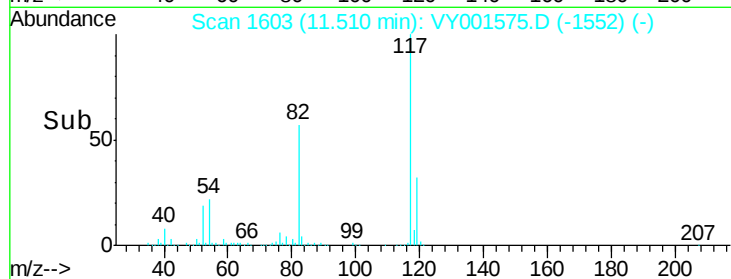
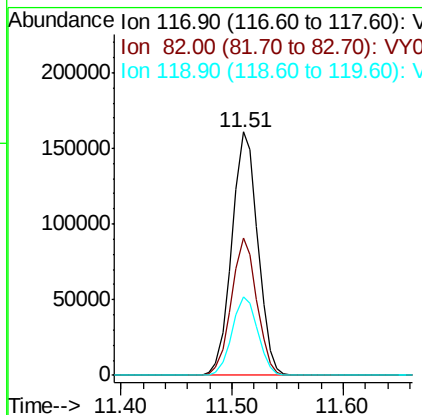
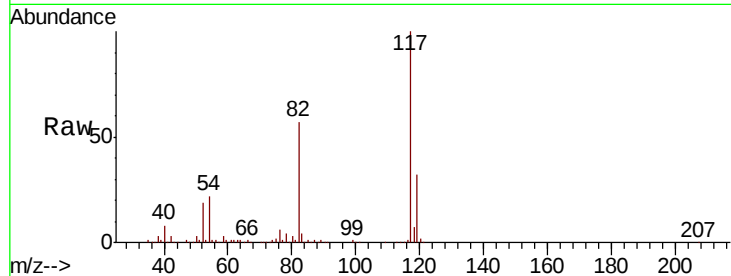




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001575.D
Acq: 07 Feb 2020 23:03

Instrument :
MSVOA_Y
ClientSampleId :
PE-3-(SIDE-WALL)-EAST

Tot Ion:117 Resp: 258690
Ion Ratio Lower Upper
117 100
82 56.5 46.1 69.1
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001575.D
Acq: 07 Feb 2020 23:03

Tgt Ion:152 Resp: 118256
Ion Ratio Lower Upper
152 100
115 58.2 31.4 94.3
150 155.1 0.0 346.8

