

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002052.D
 Acq On : 24 Mar 2020 15:48
 Operator : SY/MD
 Sample : L2020-02RE
 Misc : 5.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5TH-STREET-SUBRE

Quant Time: Mar 24 18:52:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

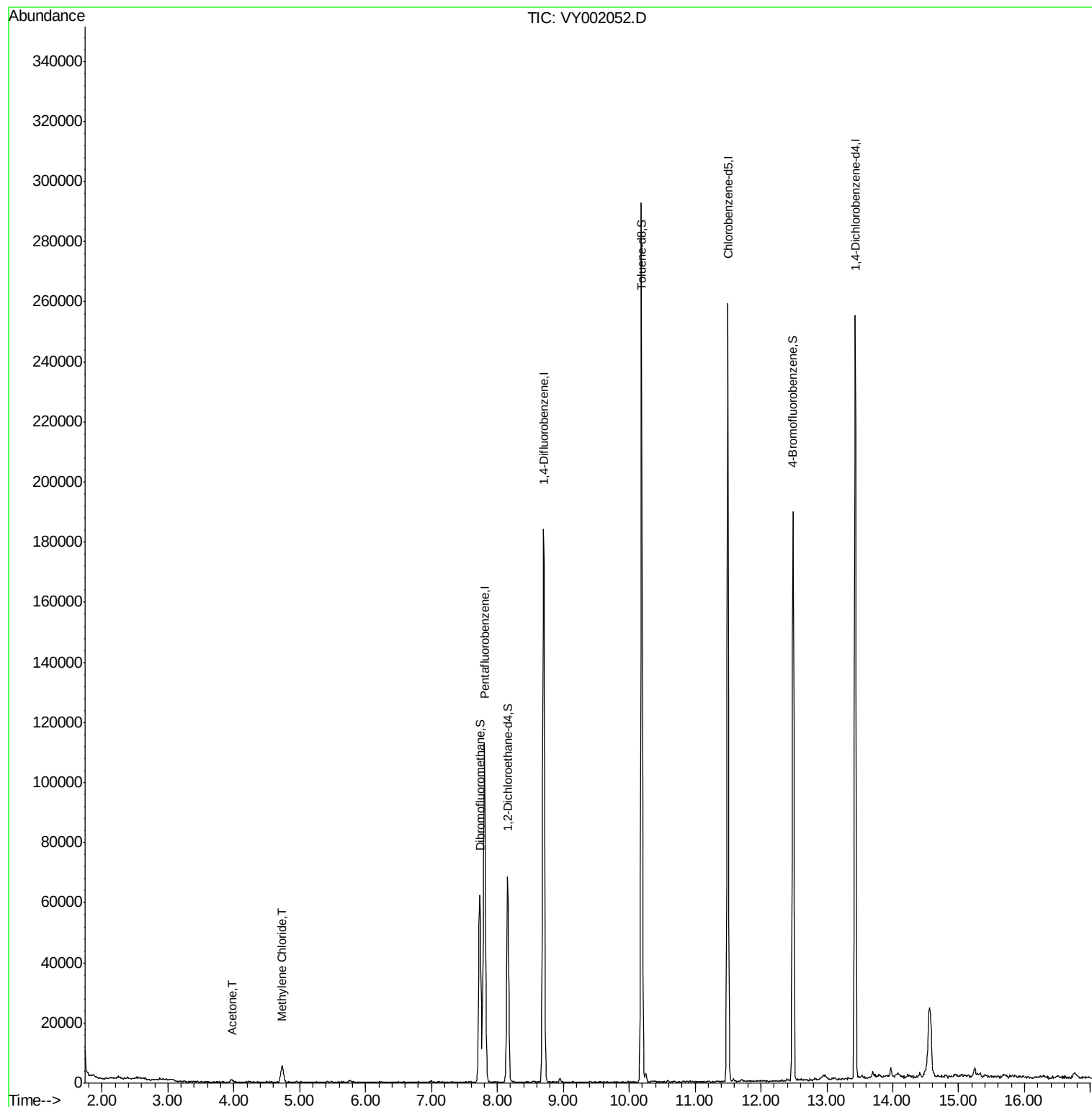
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	82342	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	153210	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	137092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	59490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	50231	57.14	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.28%	
35) Dibromofluoromethane	7.73	113	44018	52.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.19	98	185258	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.49	95	62582	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
Target Compounds						
16) Acetone	3.97	43	1525	5.956	ug/l	97
20) Methylene Chloride	4.74	84	3871	3.528	ug/l	95

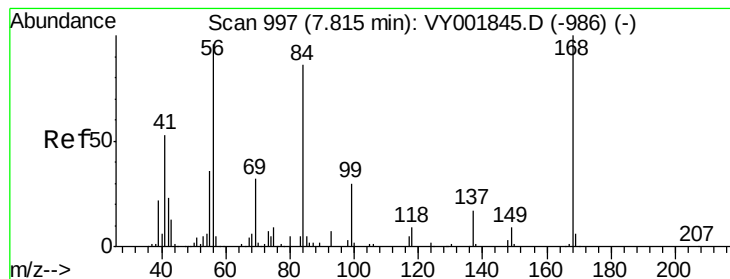
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002052.D

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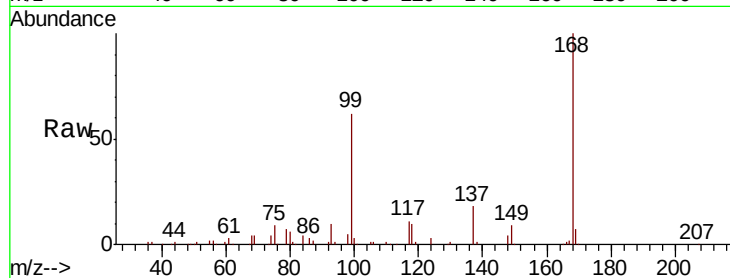
5TH-STREET-SUBRE

Tot Ion:168 Resp: 82342

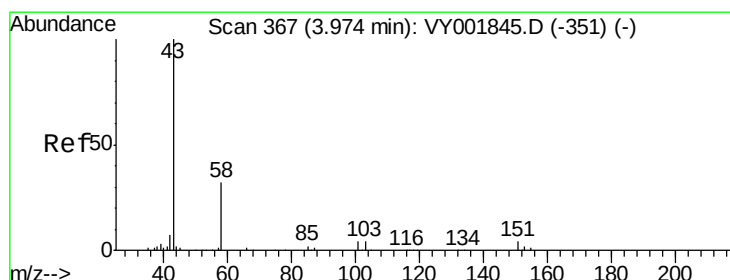
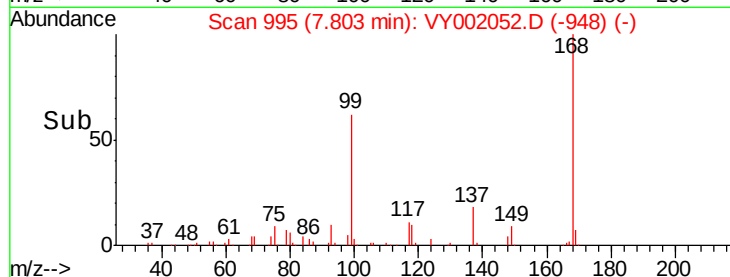
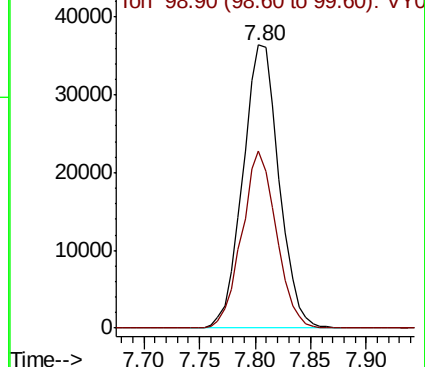
Ion Ratio Lower Upper

168 100

99 62.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 5.956 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002052.D

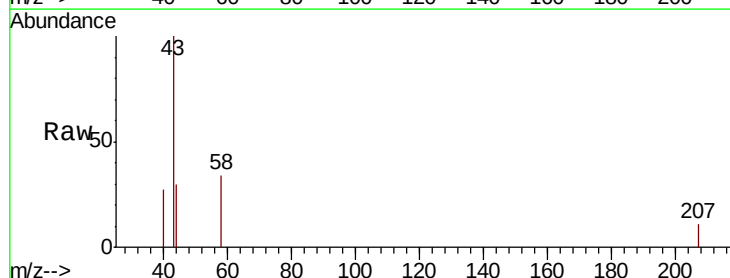
Acq: 24 Mar 2020 15:48

Tgt Ion: 43 Resp: 1525

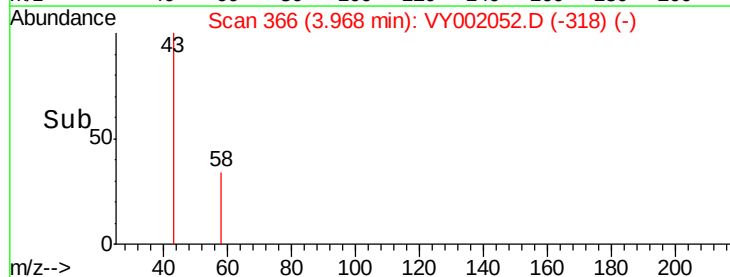
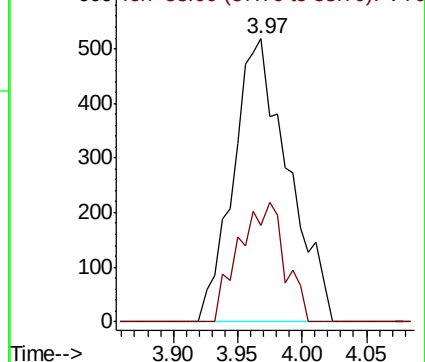
Ion Ratio Lower Upper

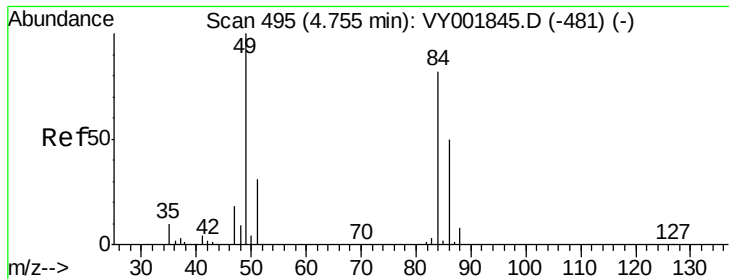
43 100

58 34.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

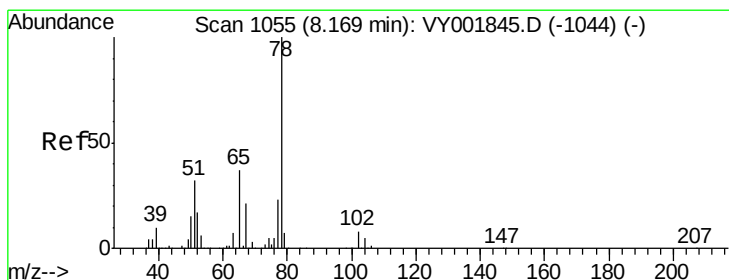
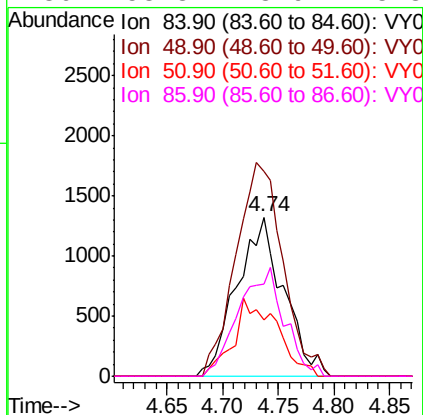
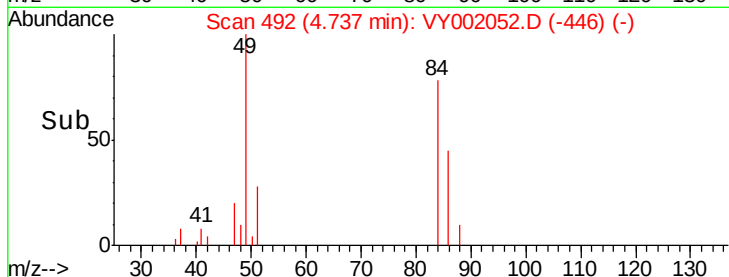
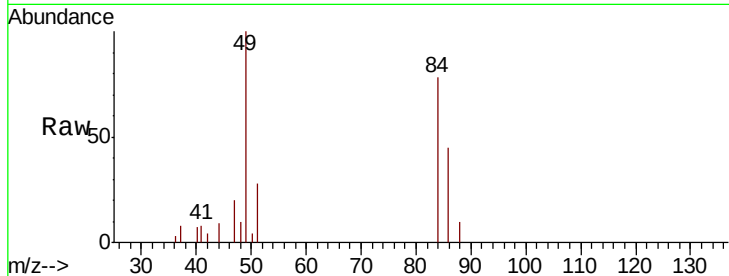




#20
Methylene Chloride
Concen: 3.528 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

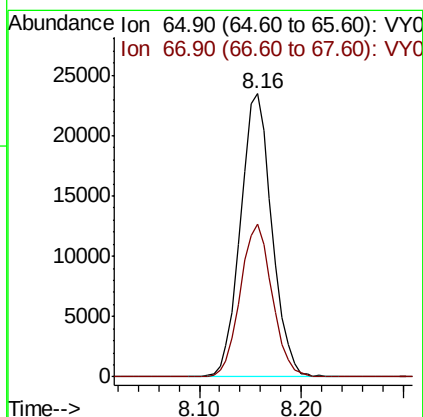
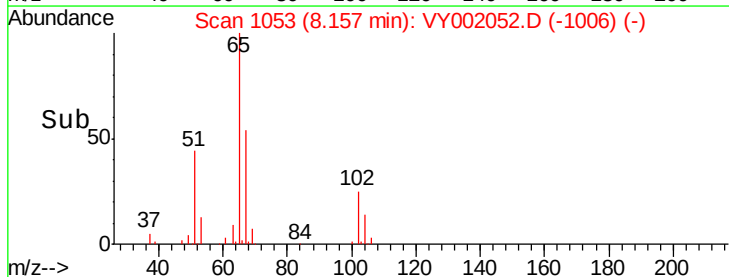
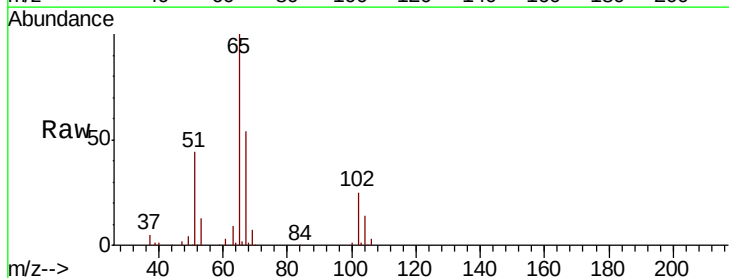
Instrument :
MSVOA_Y
ClientSampleId :
5TH-STREET-SUBRE

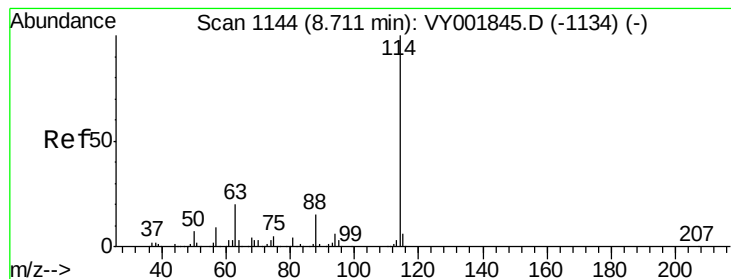
Tot Ion: 84 Resp: 3871
Ion Ratio Lower Upper
84 100
49 128.7 98.2 147.2
51 35.5 30.2 45.2
86 58.3 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 57.142 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

Tgt Ion: 65 Resp: 50231
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002052.D

Acq: 24 Mar 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

5TH-STREET-SUBRE

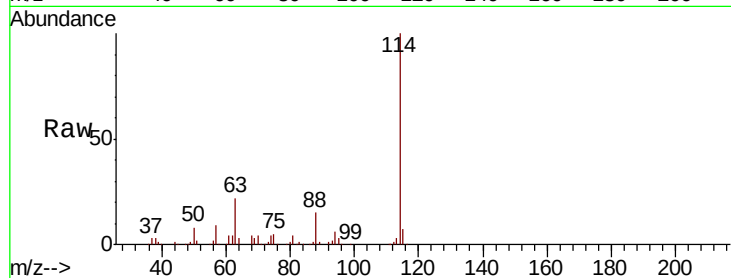
Tot Ion:114 Resp: 153210

Ion Ratio Lower Upper

114 100

63 21.9 0.0 39.4

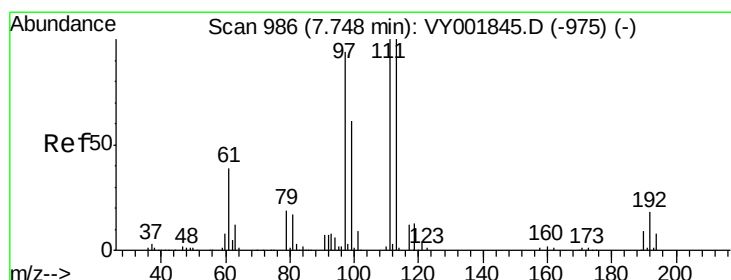
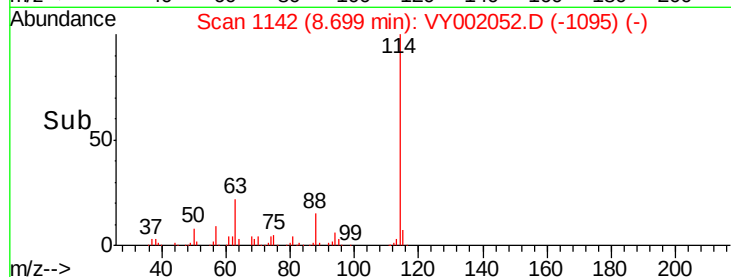
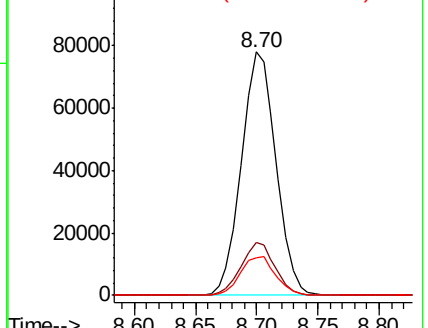
88 15.2 0.0 30.4



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: 52.616 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002052.D

Acq: 24 Mar 2020 15:48

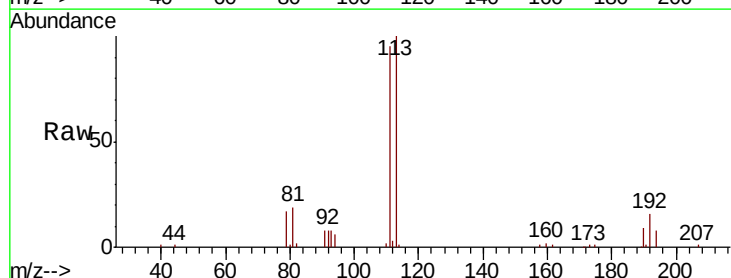
Tgt Ion:113 Resp: 44018

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

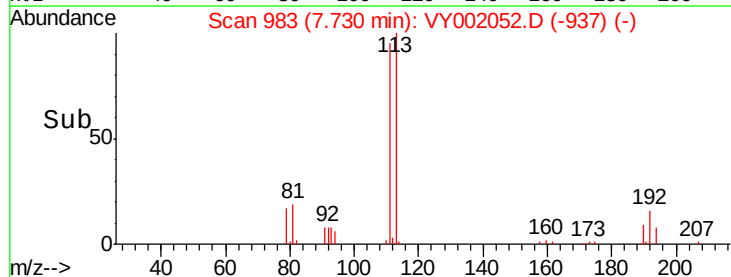
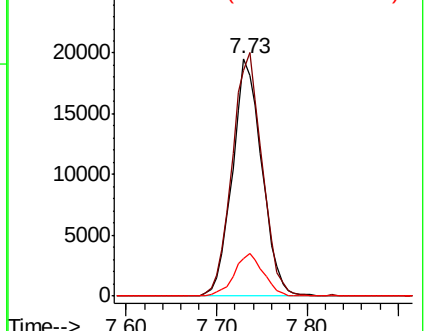
192 17.7 14.2 21.2

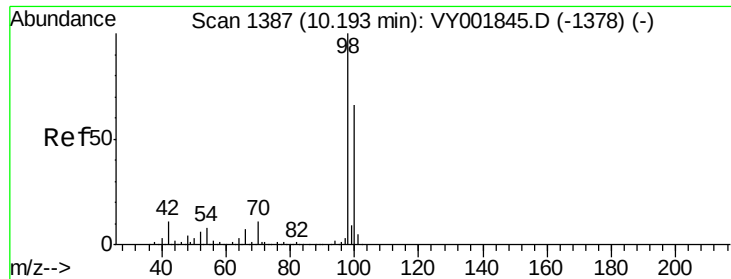


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

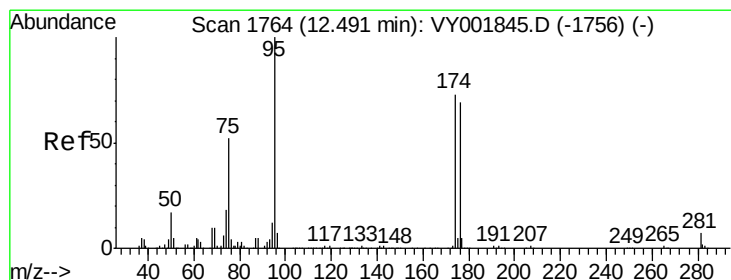
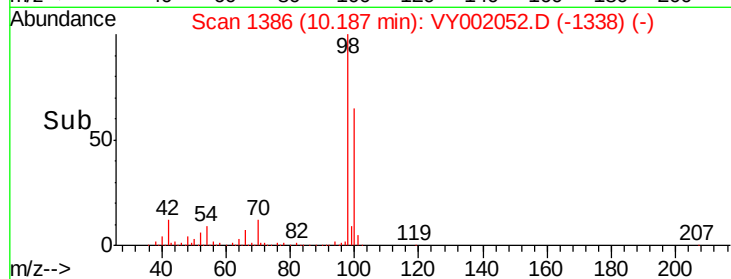
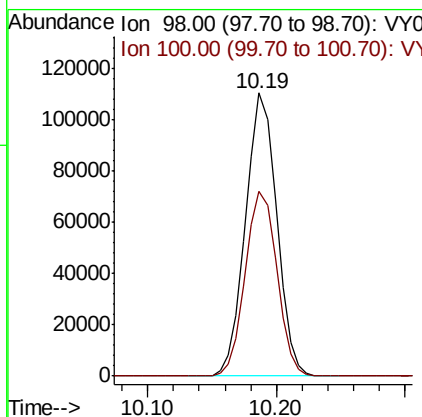
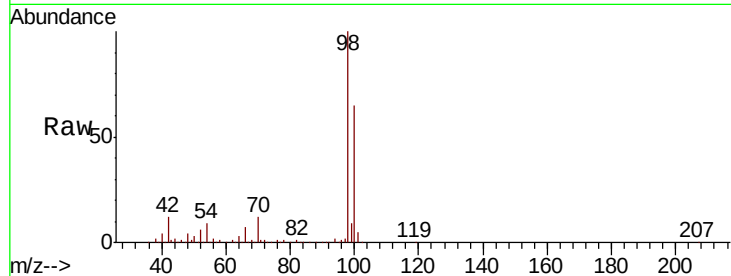




#50
Toluene-d8
Concen: 52.514 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

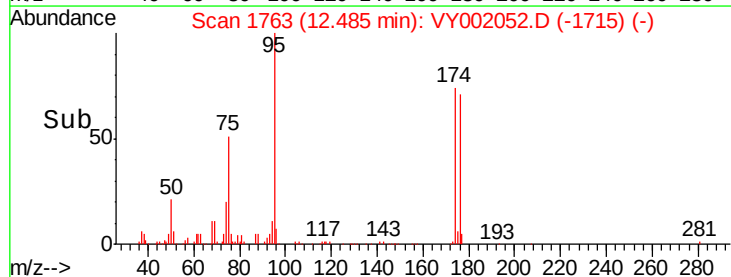
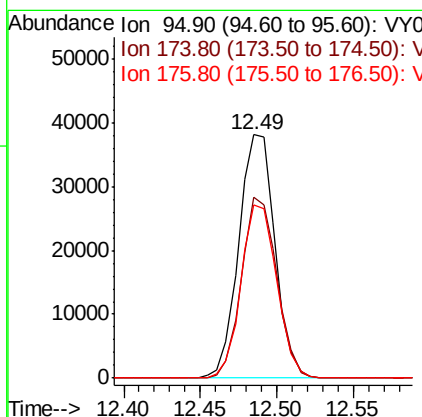
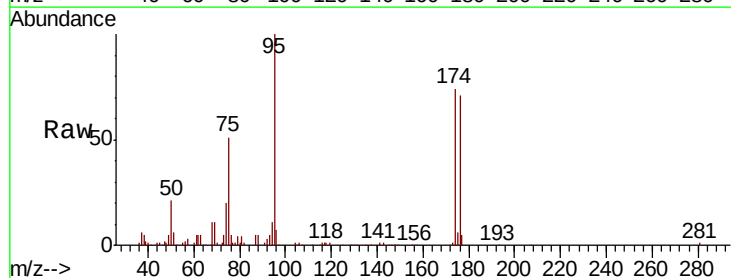
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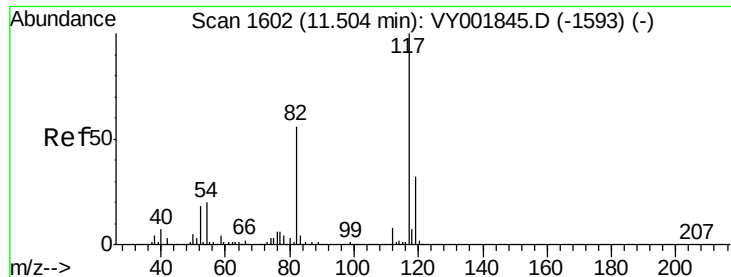
Tot Ion: 98 Resp: 185258
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.019 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

Tgt Ion: 95 Resp: 62582
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.0
176 70.4 0.0 137.4

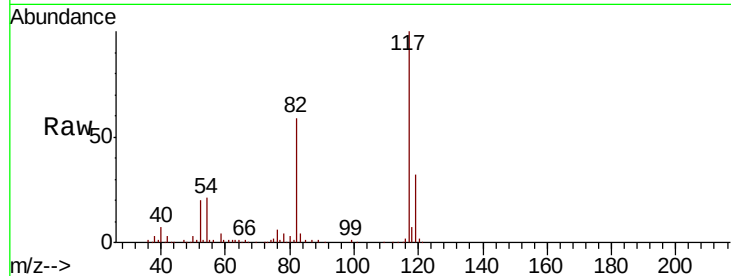




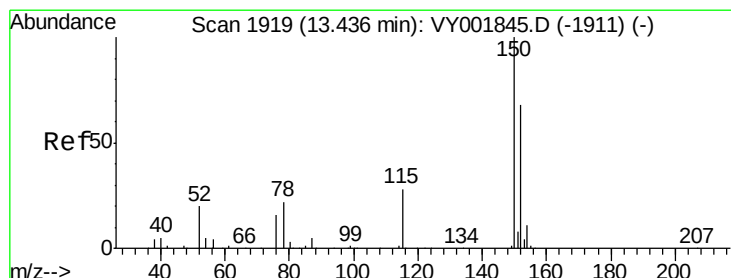
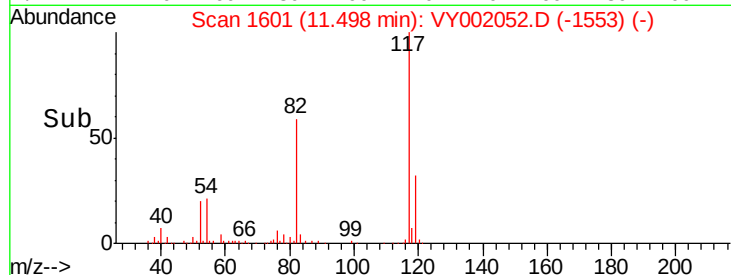
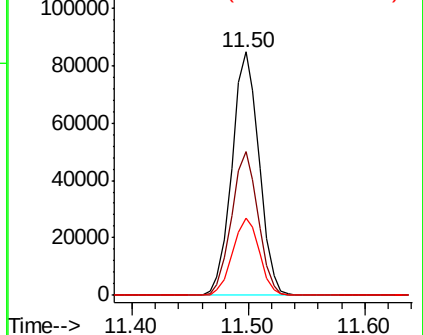
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

Instrument :
MSVOA_Y
ClientSampleId :
5TH-STREET-SUBRE

Tot Ion:117 Resp: 137092
Ion Ratio Lower Upper
117 100
82 59.0 44.5 66.7
119 31.9 25.7 38.5

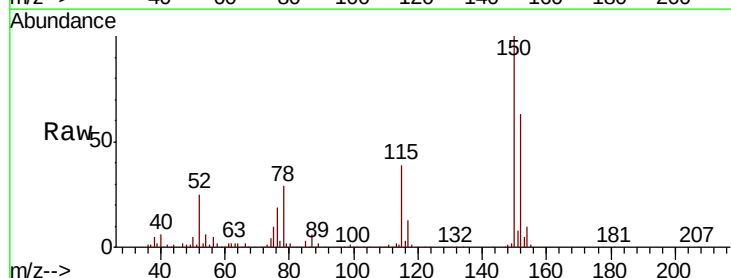


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002052.D
Acq: 24 Mar 2020 15:48

Tgt Ion:152 Resp: 59490
Ion Ratio Lower Upper
152 100
115 62.6 29.9 89.7
150 161.5 0.0 340.6



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

