

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002020.D
 Acq On : 19 Mar 2020 14:43
 Operator : SY/MD
 Sample : L1978-06RE
 Misc : 5.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6ARE

Quant Time: Mar 20 03:51:34 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

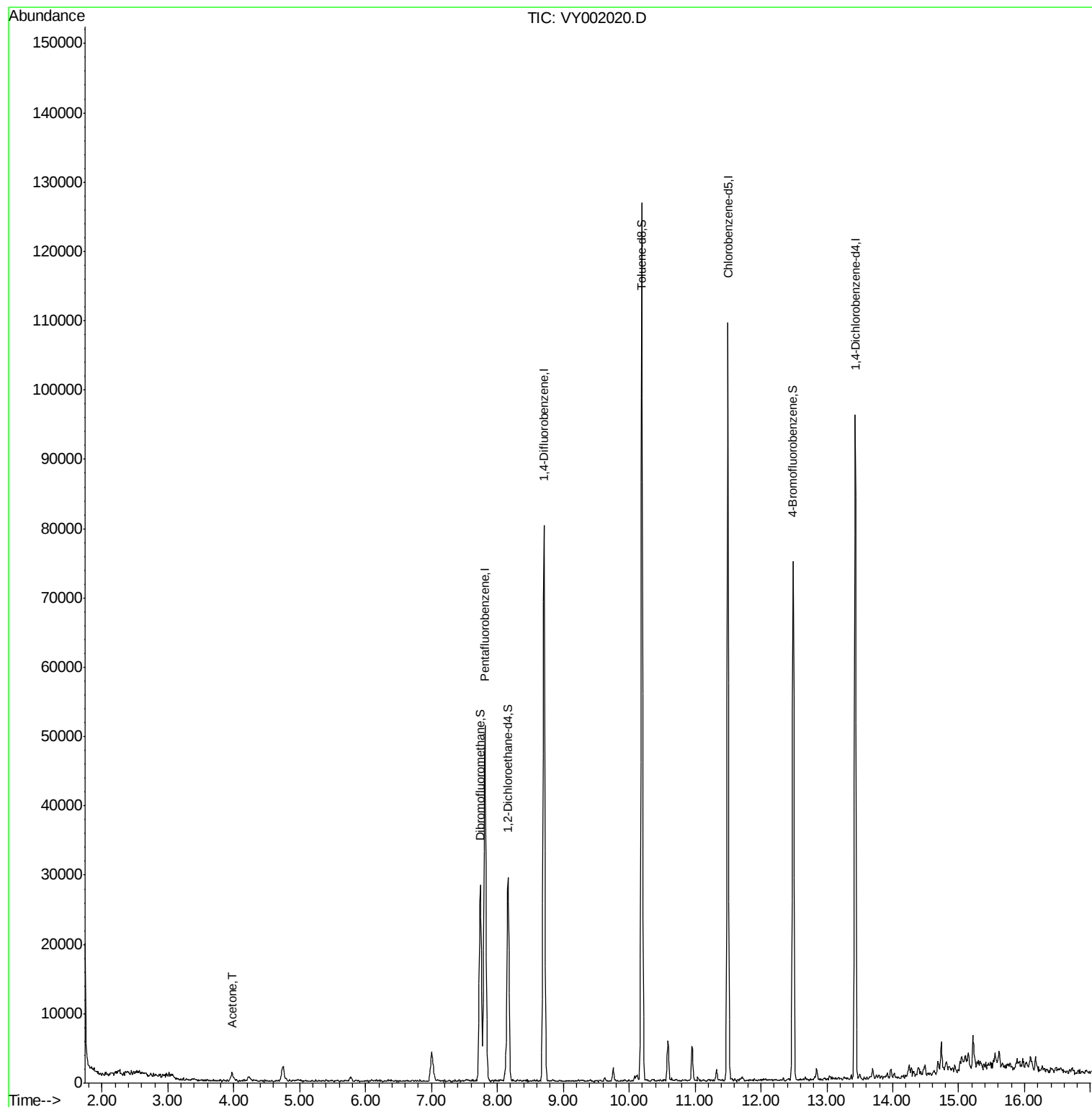
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	38649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	68354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	57405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	23267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	20878	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	7.74	113	19364	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	10.19	98	83071	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.49	95	24058	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
16) Acetone	3.97	43	1940	16.143	ug/l	Qvalue 96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002020.D

Acq: 19 Mar 2020 14:43

Instrument :

MSVOA_Y

ClientSampleId :

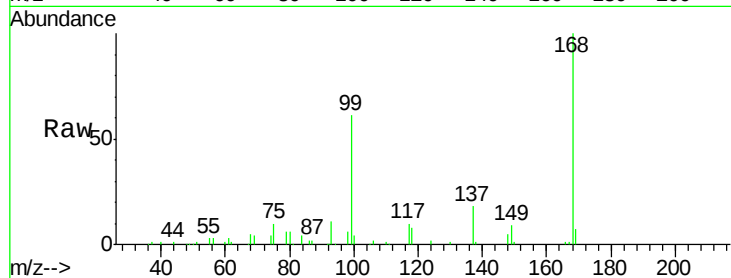
TP-6ARE

Tot Ion:168 Resp: 38649

Ion Ratio Lower Upper

168 100

99 60.5 46.7 70.1



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

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

15000

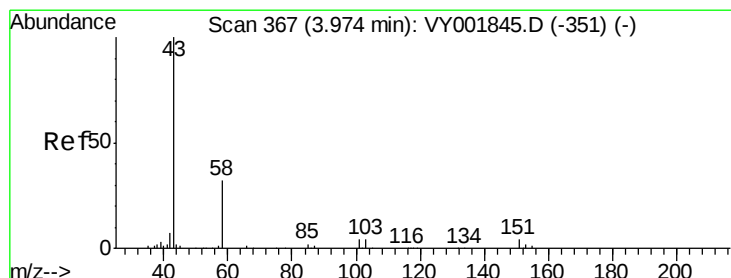
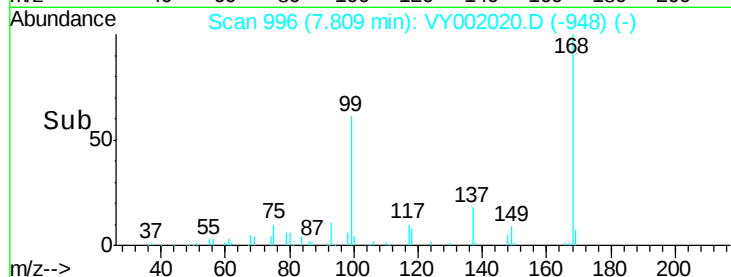
10000

5000

0

Time-->

7.70 7.75 7.80 7.85 7.90



#16

Acetone

Concen: 16.143 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002020.D

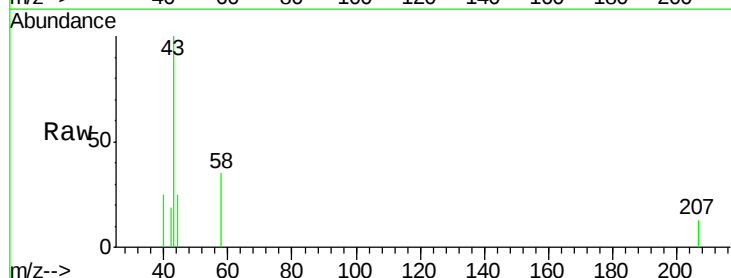
Acq: 19 Mar 2020 14:43

Tgt Ion: 43 Resp: 1940

Ion Ratio Lower Upper

43 100

58 34.6 25.9 38.9



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

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

3.97

800

600

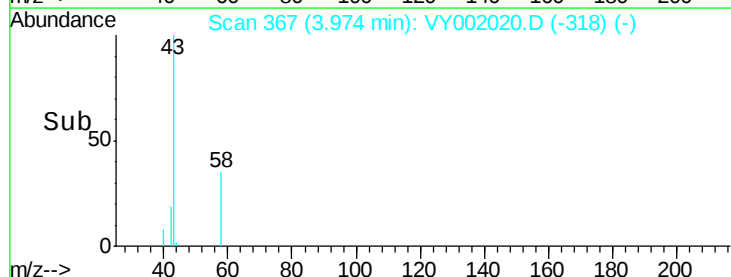
400

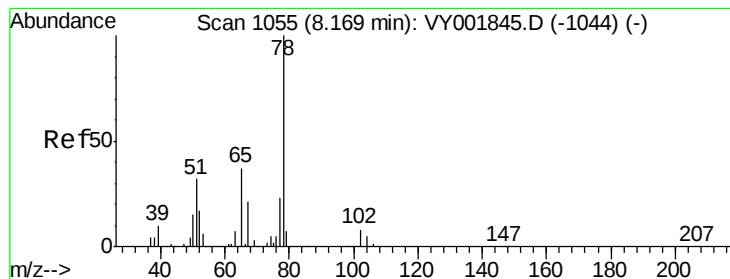
200

0

Time-->

3.90 3.95 4.00 4.05





#33

1,2-Dichloroethane-d4

Concen: 50.601 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002020.D

Acq: 19 Mar 2020 14:43

Instrument :

MSVOA_Y

ClientSampled :

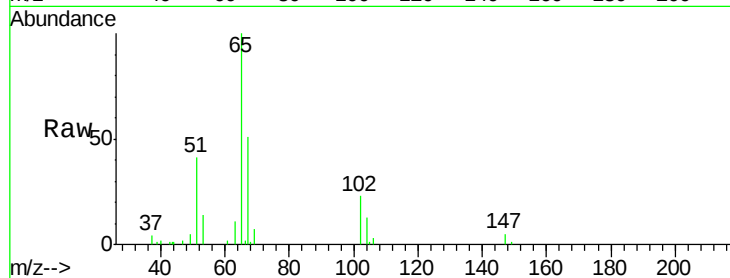
TP-6ARE

Tot Ion: 65 Resp: 20878

Ion Ratio Lower Upper

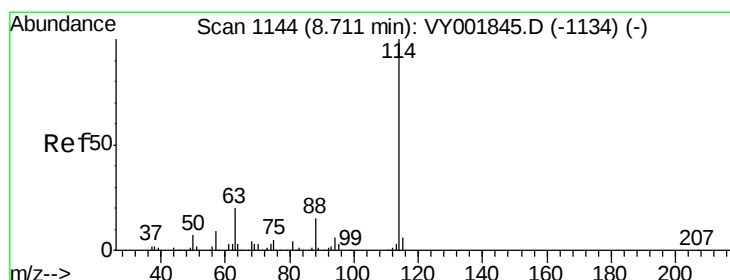
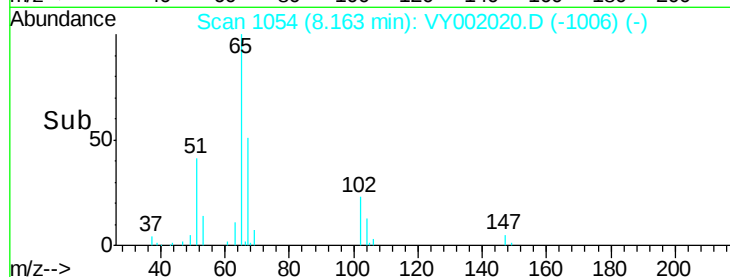
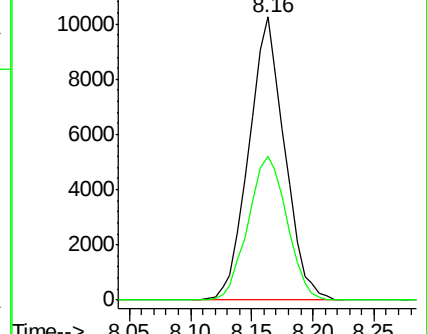
65 100

67 54.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002020.D

Acq: 19 Mar 2020 14:43

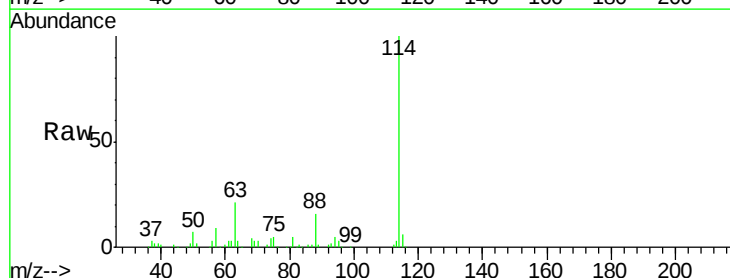
Tgt Ion: 114 Resp: 68354

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

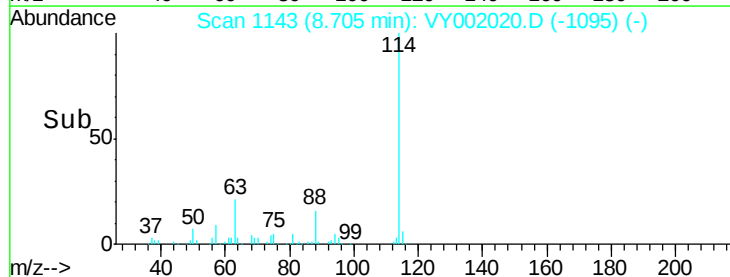
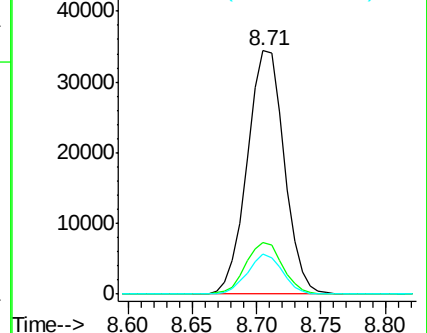
88 16.4 0.0 30.4

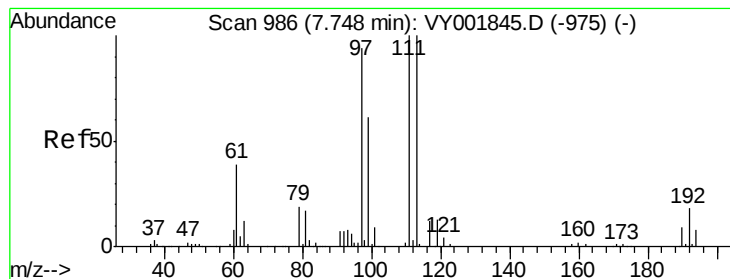


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.880 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002020.D

Acq: 19 Mar 2020 14:43

Instrument :

MSVOA_Y

ClientSampleId :

TP-6ARE

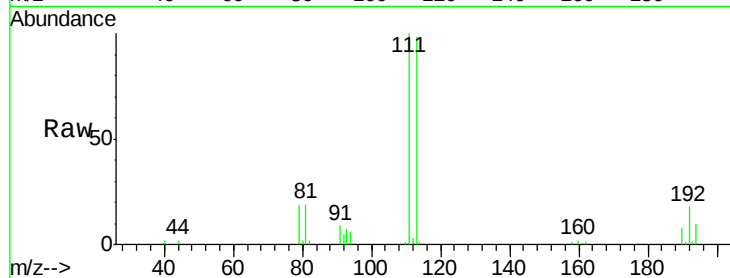
Tot Ion:113 Resp: 19364

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.8

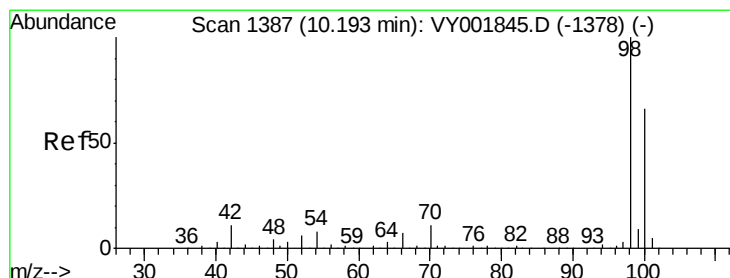
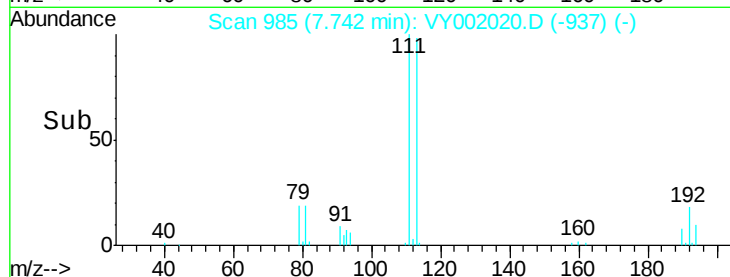
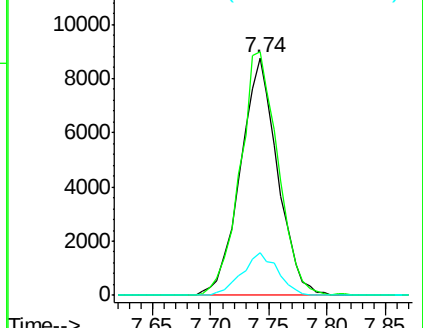
192 17.4 14.2 21.2



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: 52.780 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002020.D

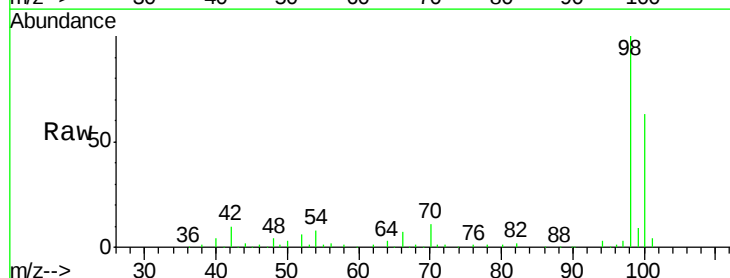
Acq: 19 Mar 2020 14:43

Tgt Ion: 98 Resp: 83071

Ion Ratio Lower Upper

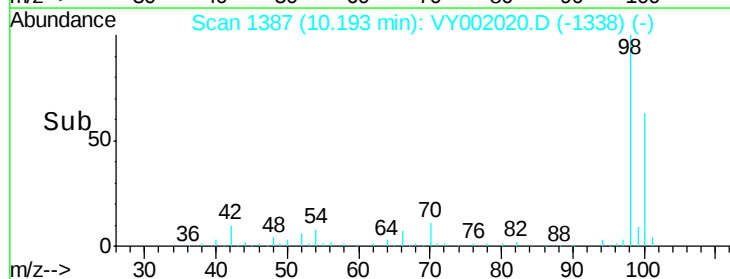
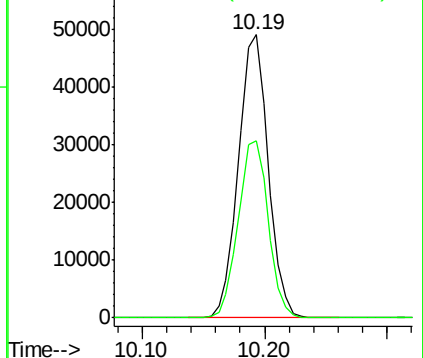
98 100

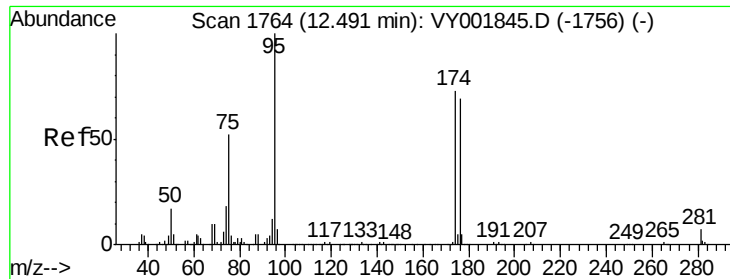
100 63.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

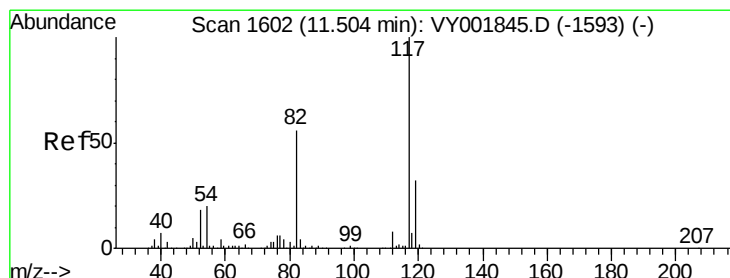
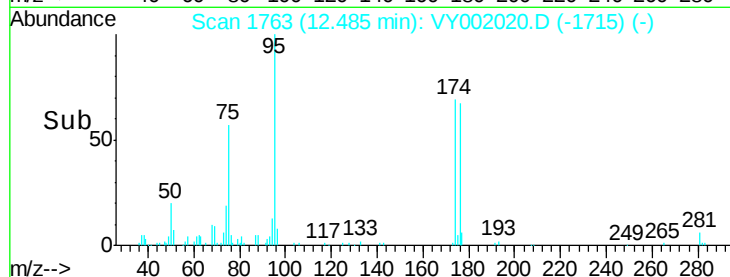
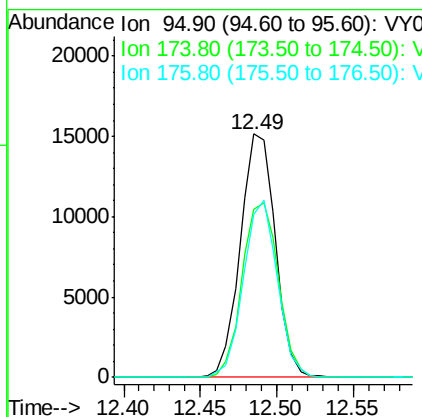
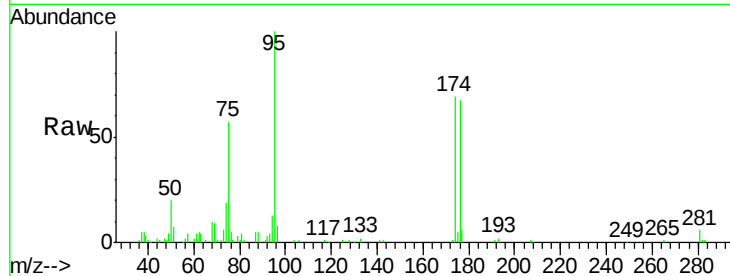




#62
4-Bromofluorobenzene
Concen: 43.960 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002020.D
Acq: 19 Mar 2020 14:43

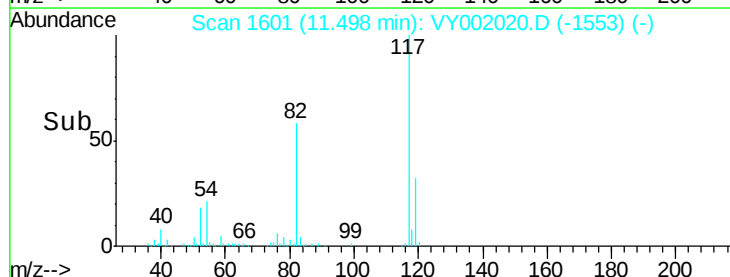
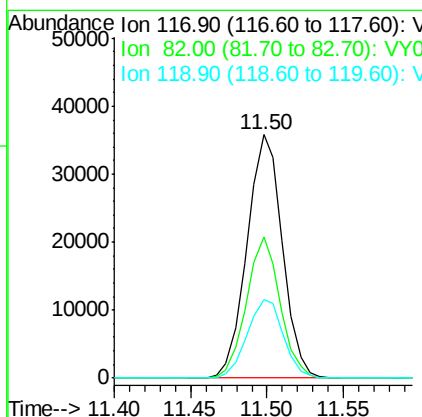
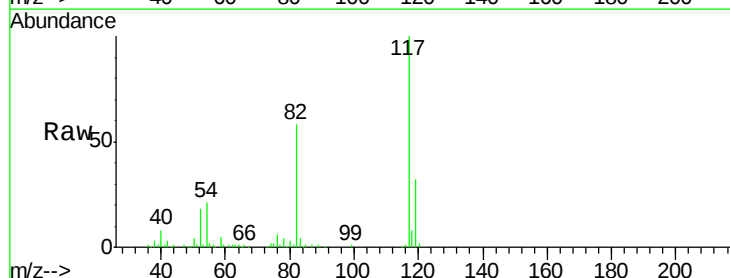
Instrument :
MSVOA_Y
ClientSampleId :
TP-6ARE

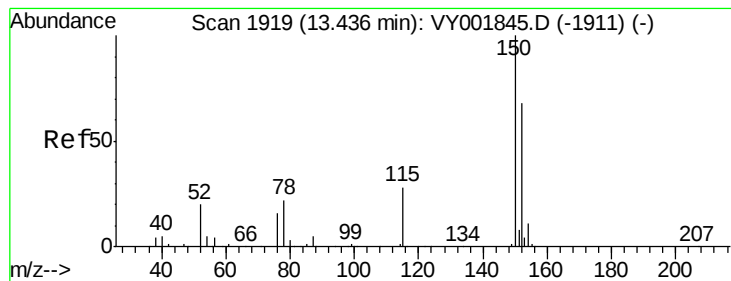
Tot Ion: 95 Resp: 24058
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.0
176 70.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002020.D
Acq: 19 Mar 2020 14:43

Tgt Ion: 117 Resp: 57405
Ion Ratio Lower Upper
117 100
82 58.1 44.5 66.7
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002020.D

Acq: 19 Mar 2020 14:43

Instrument :

MSVOA_Y

ClientSampleId :

TP-6ARE

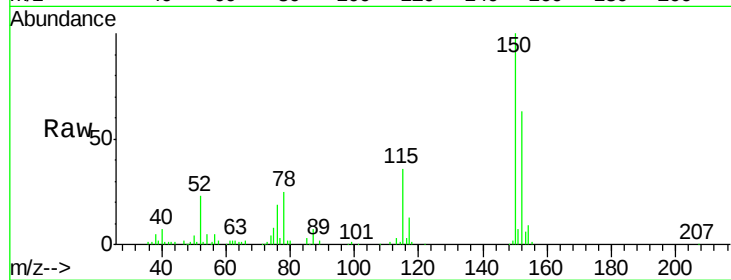
Tot Ion:152 Resp: 23267

Ion Ratio Lower Upper

152 100

115 59.3 29.9 89.7

150 159.5 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

