

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001583.D
 Acq On : 10 Feb 2020 14:12
 Operator : SY/MD
 Sample : L1473-02RE
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-1ARE

Quant Time: Feb 11 06:11:19 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

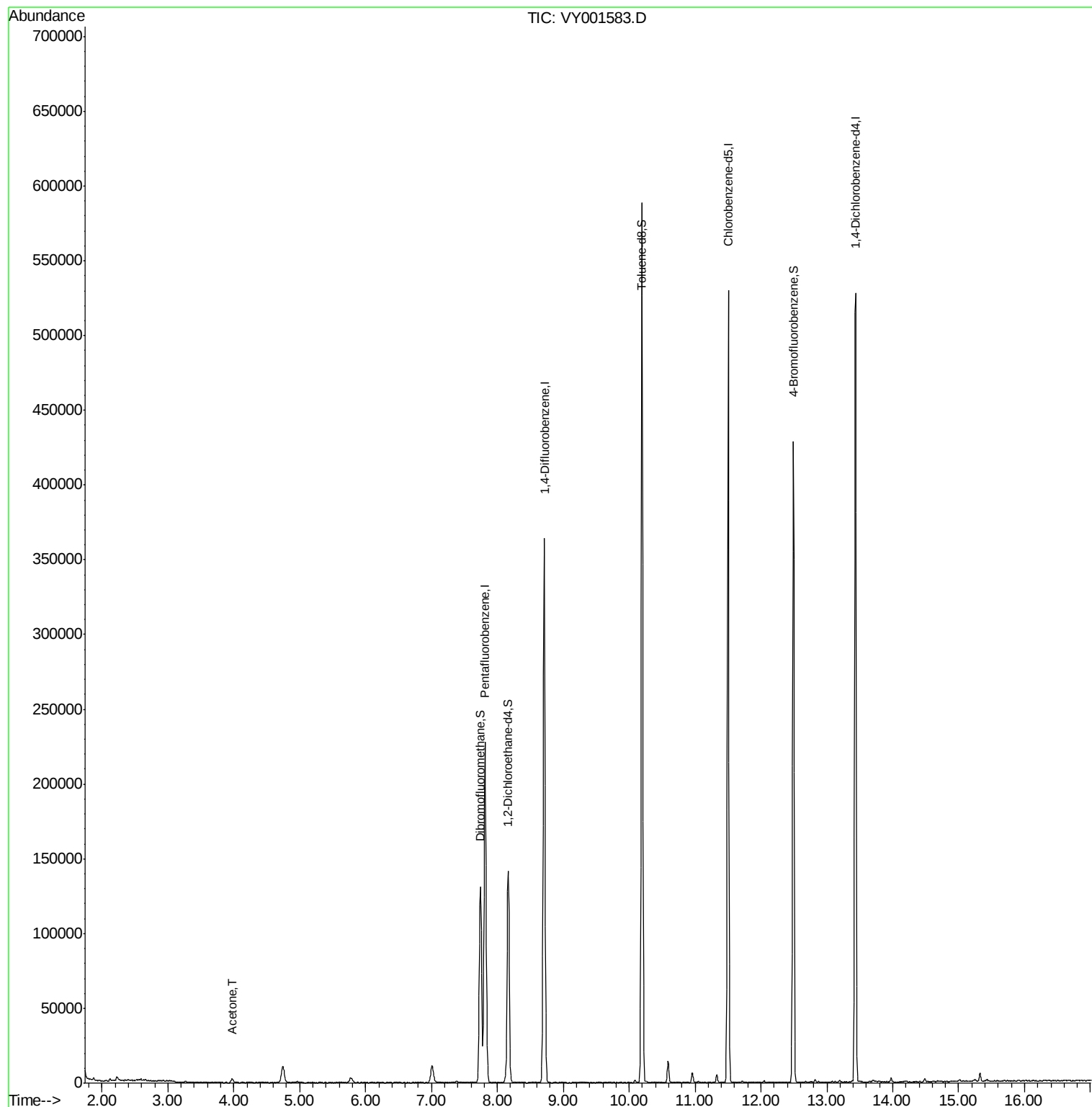
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	177472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	315864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	131806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107725	60.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.58%	
35) Dibromofluoromethane	7.74	113	93026	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
50) Toluene-d8	10.19	98	378577	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.49	95	133658	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
16) Acetone	3.97	43	4630	8.958	ug/l #	Qvalue 82

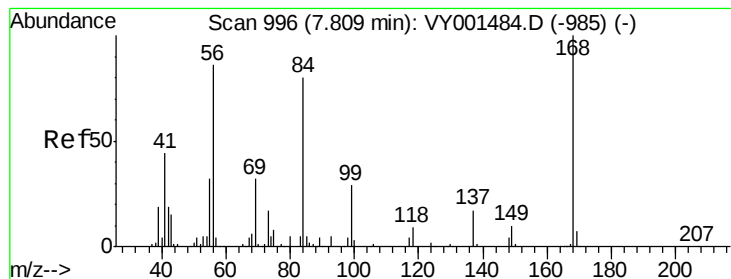
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001583.D

Acq: 10 Feb 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

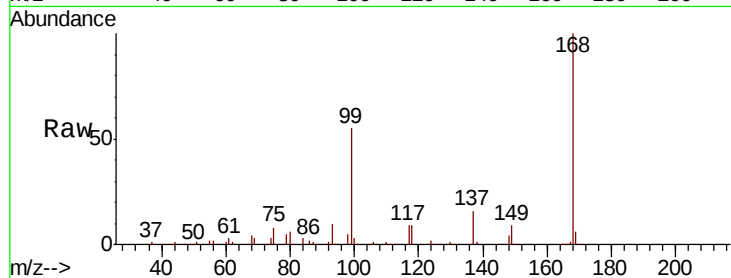
P-1ARE

Tot Ion:168 Resp: 177472

Ion Ratio Lower Upper

168 100

99 55.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

80000

60000

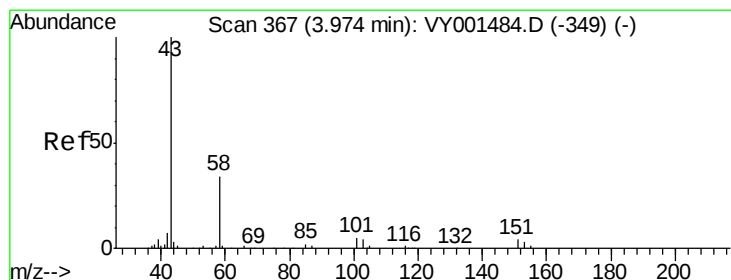
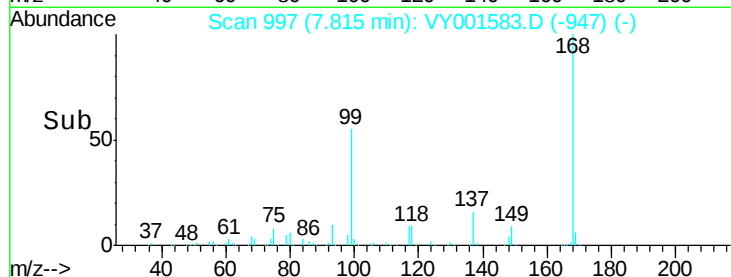
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 8.958 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001583.D

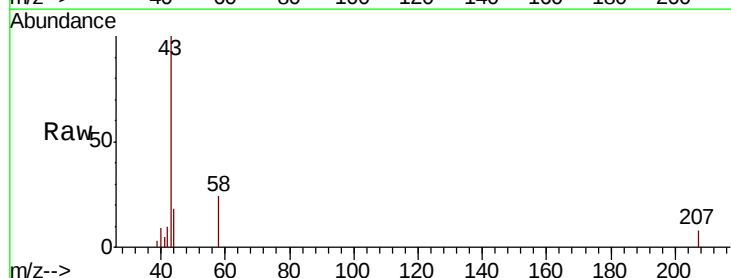
Acq: 10 Feb 2020 14:12

Tgt Ion: 43 Resp: 4630

Ion Ratio Lower Upper

43 100

58 23.8 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-349) (-)

3.97

2000

1500

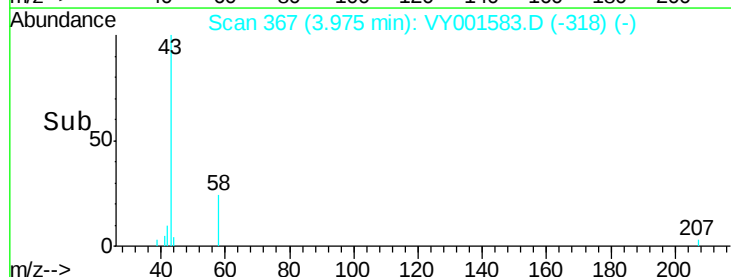
1000

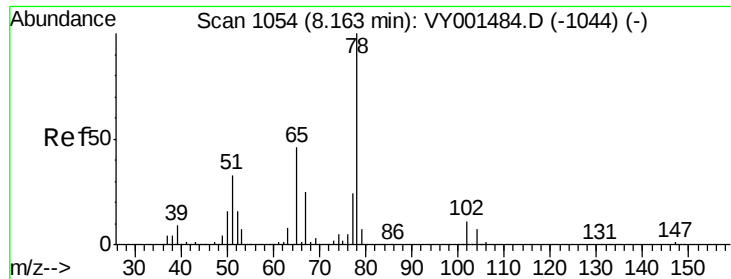
500

0

3.90 4.00 4.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.286 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001583.D

Acq: 10 Feb 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

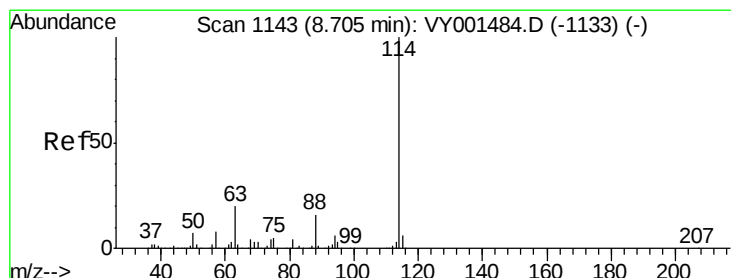
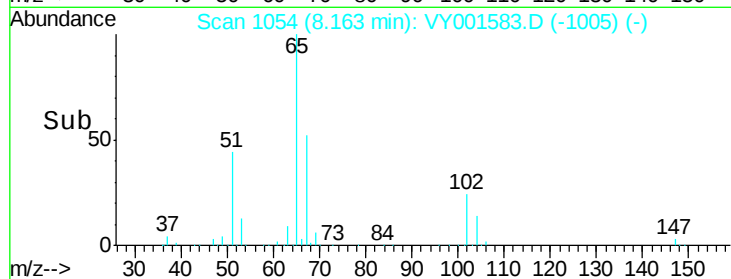
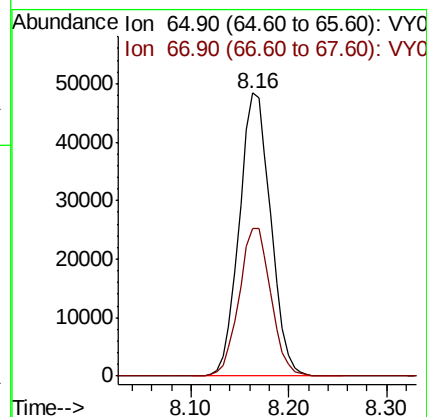
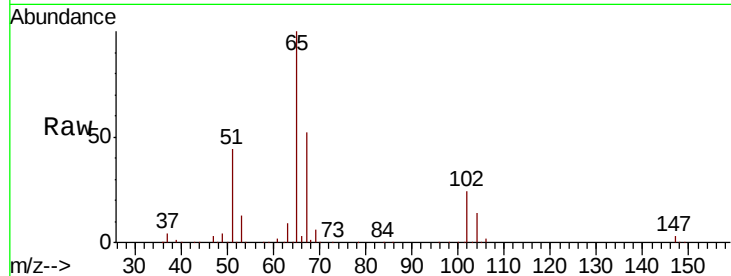
P-1ARE

Tot Ion: 65 Resp: 107725

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001583.D

Acq: 10 Feb 2020 14:12

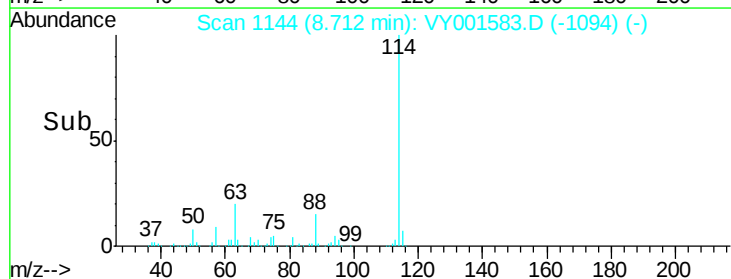
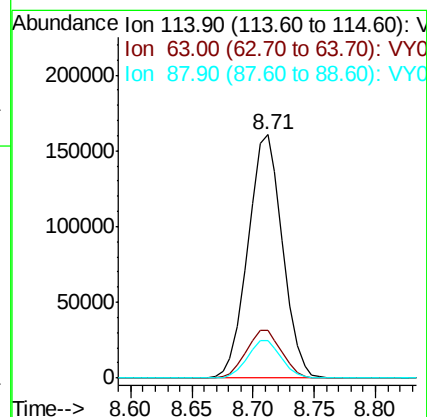
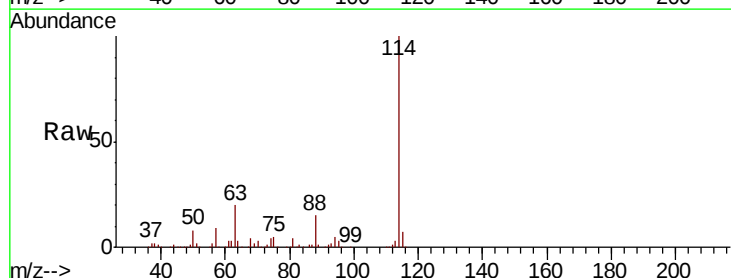
Tgt Ion: 114 Resp: 315864

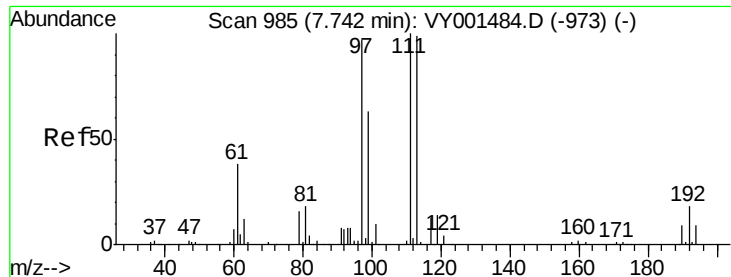
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

88 15.3 0.0 32.6

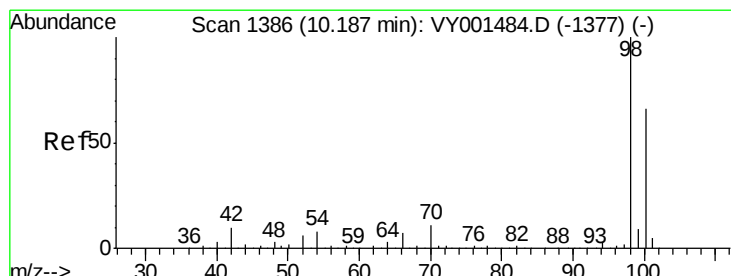
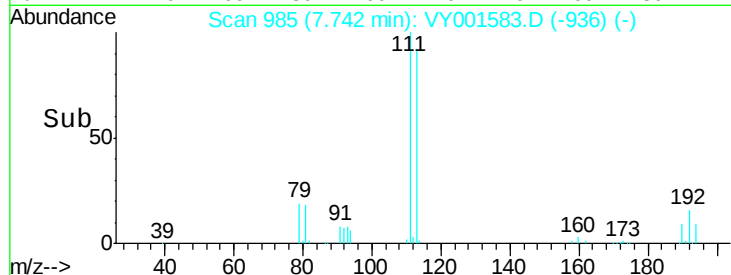
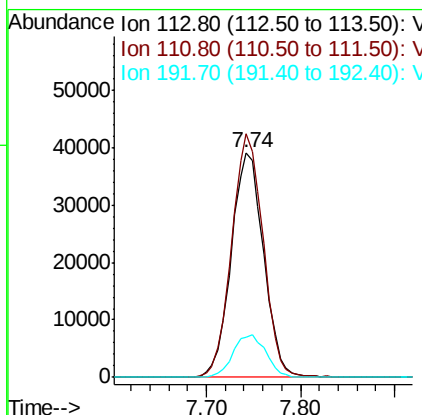
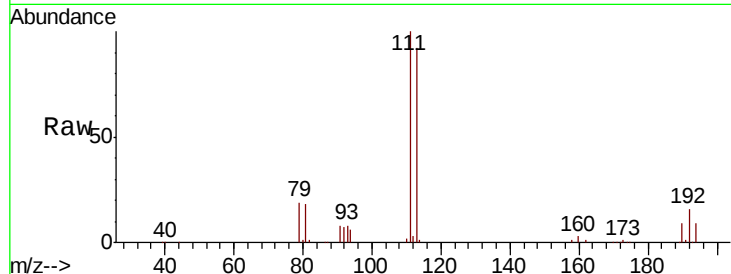




#35
 Dibromofluoromethane
 Concen: 51.073 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001583.D
 Acq: 10 Feb 2020 14:12

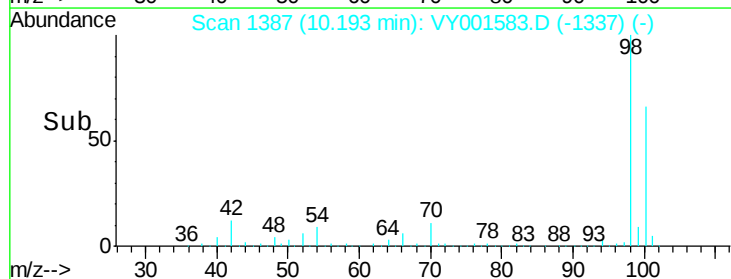
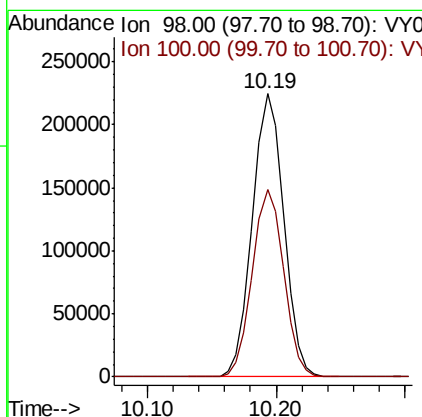
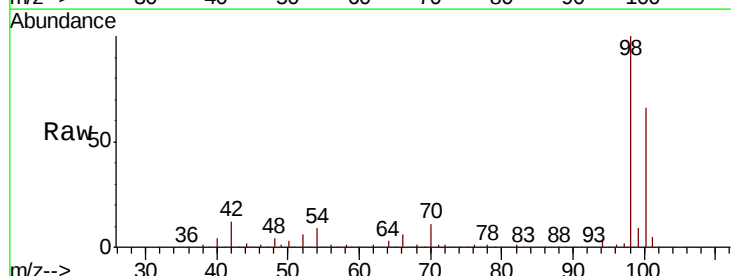
Instrument :
 MSVOA_Y
 ClientSampled :
 P-1ARE

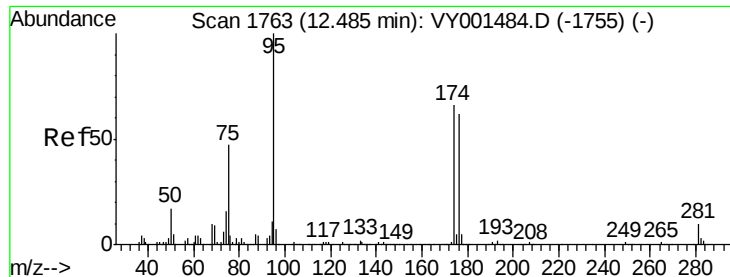
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.9	124.3
192	19.4	14.6	22.0



#50
 Toluene-d8
 Concen: 54.936 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001583.D
 Acq: 10 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6

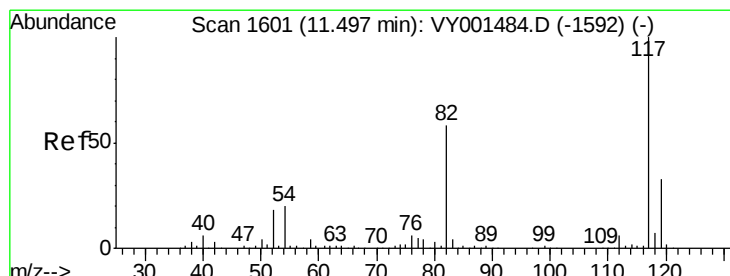
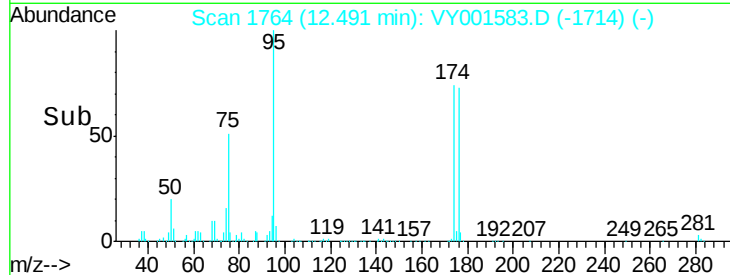
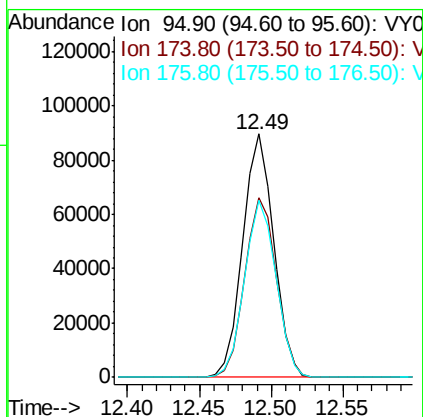
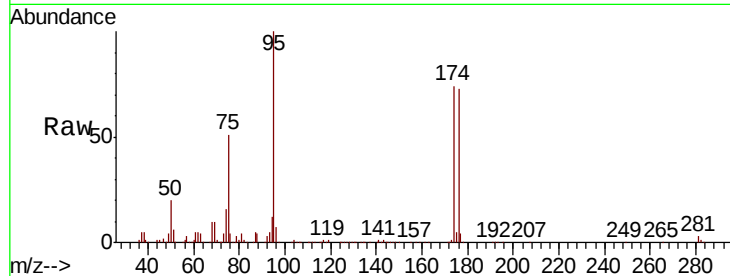




#62
4-Bromofluorobenzene
Concen: 49.234 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001583.D
Acq: 10 Feb 2020 14:12

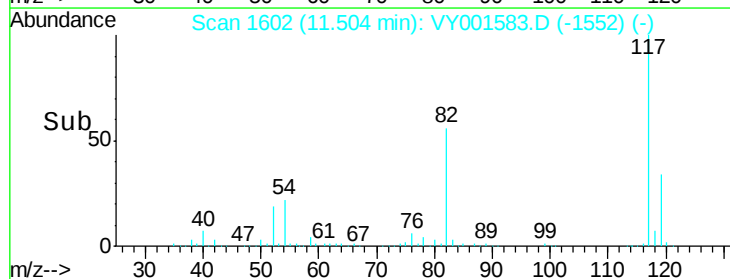
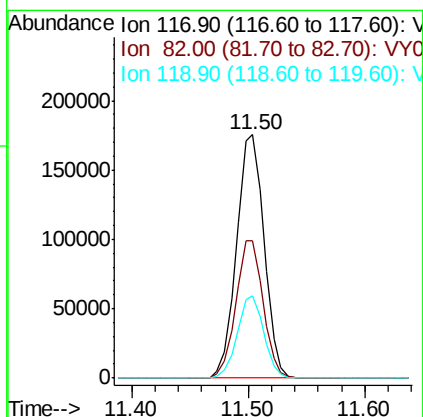
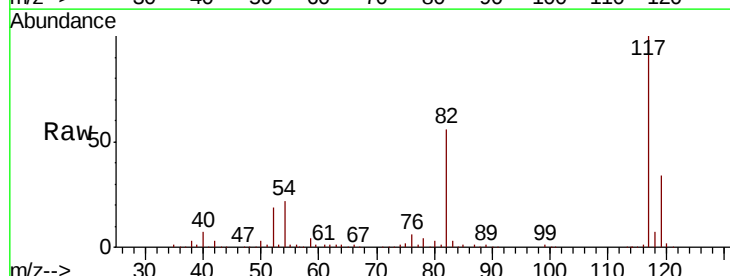
Instrument :
MSVOA_Y
ClientSampleId :
P-1ARE

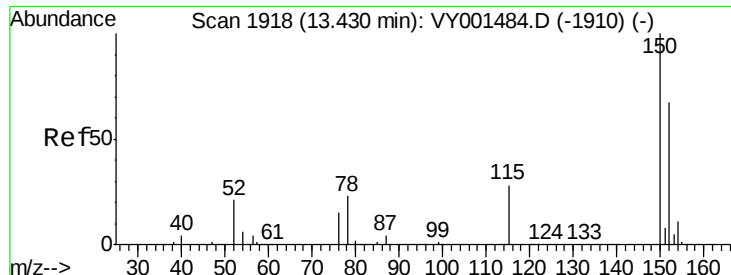
Tot Ion: 95 Resp: 133658
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.4
176 73.6 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001583.D
Acq: 10 Feb 2020 14:12

Tgt Ion: 117 Resp: 289079
Ion Ratio Lower Upper
117 100
82 56.4 46.1 69.1
119 33.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001583.D

Acq: 10 Feb 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

P-1ARE

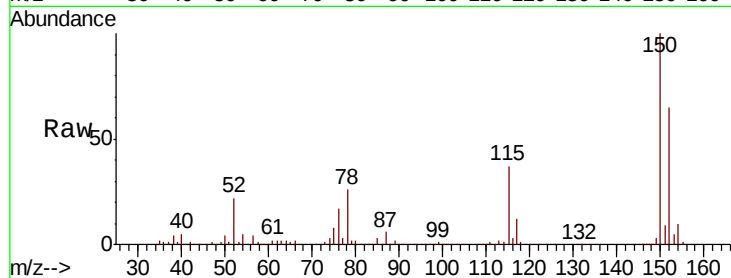
Tot Ion:152 Resp: 131806

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.3

150 157.1 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

