

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000399.D
 Acq On : 23 Oct 2019 22:10
 Operator : SY/MD
 Sample : K5498-16
 Misc : 4.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-52-(1)

Quant Time: Oct 24 05:32:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

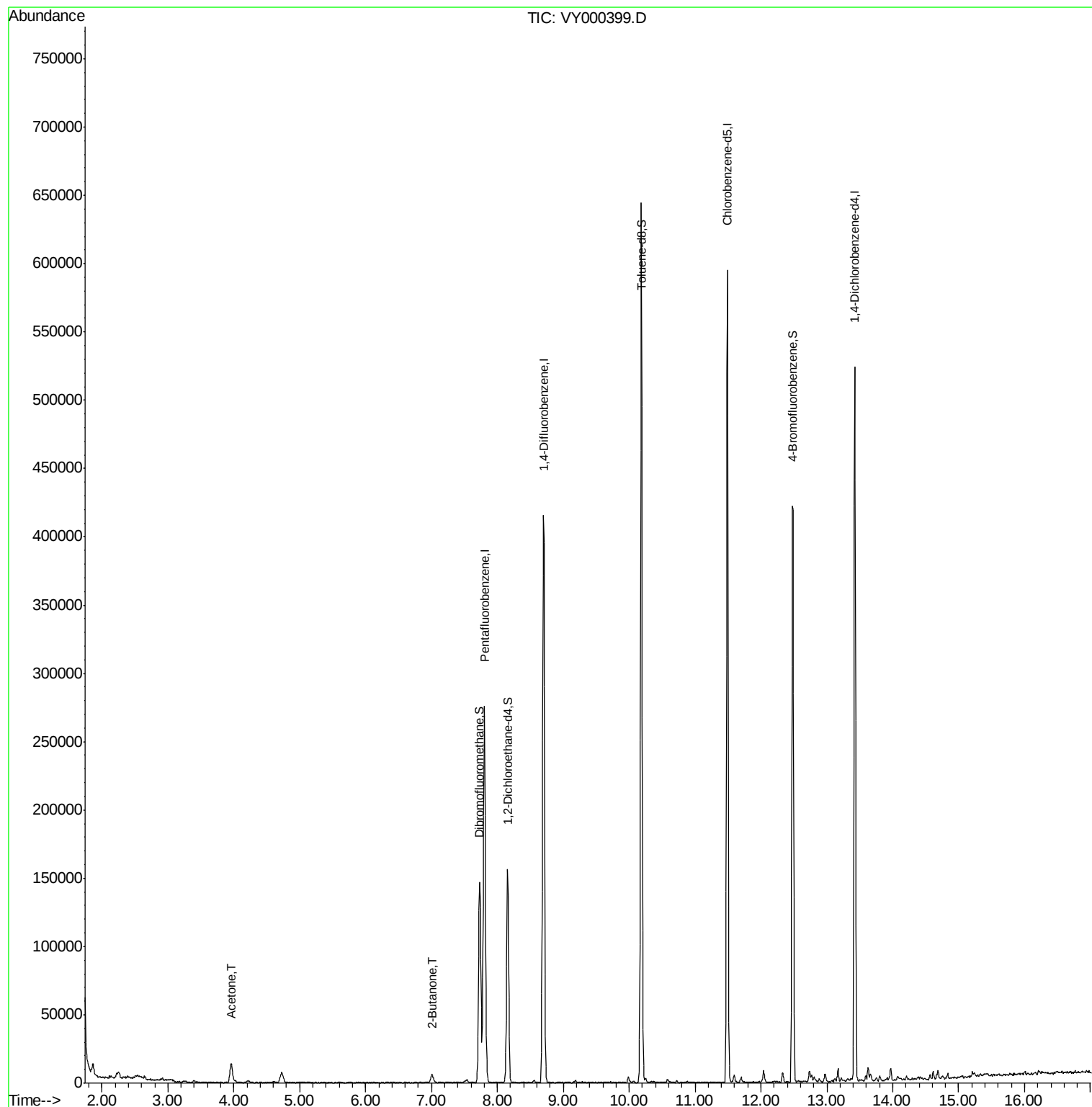
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	212096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	360919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	310663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	124535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	120137	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.73	113	104097	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
50) Toluene-d8	10.18	98	419472	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.48	95	128874	40.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.02%	
Target Compounds						
16) Acetone	3.96	43	25333	34.965	ug/l	97
25) 2-Butanone	7.01	43	10176	9.970	ug/l #	82

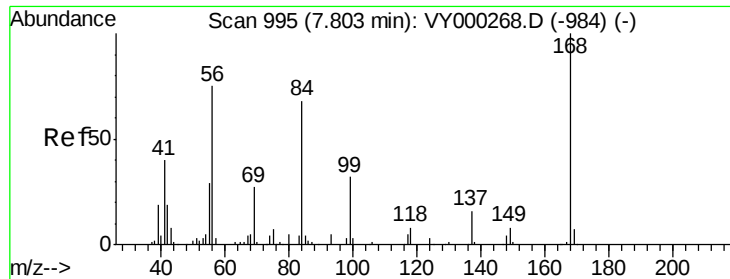
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
Data File : VY000399.D
Acq On : 23 Oct 2019 22:10
Operator : SY/MD
Sample : K5498-16
Misc : 4.67G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-52-(1)

Quant Time: Oct 24 05:32:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000399.D

Acq: 23 Oct 2019 22:10

Instrument :

MSVOA_Y

ClientSampleId :

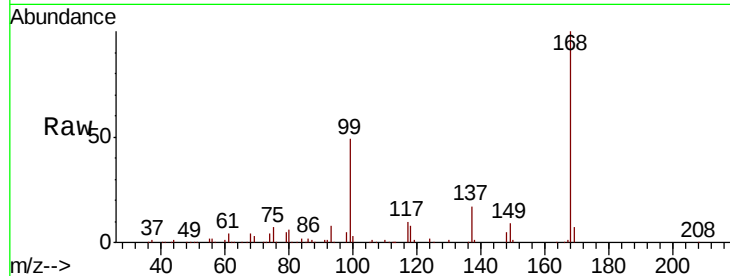
191-52-(1)

Tot Ion:168 Resp: 212096

Ion Ratio Lower Upper

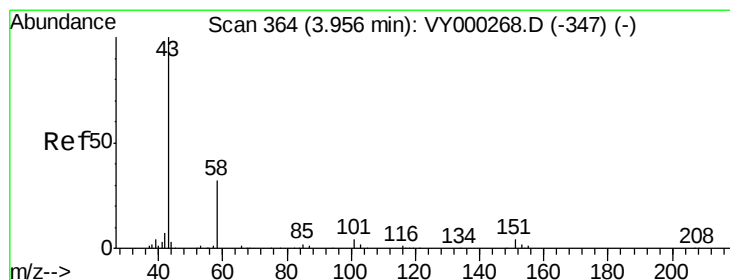
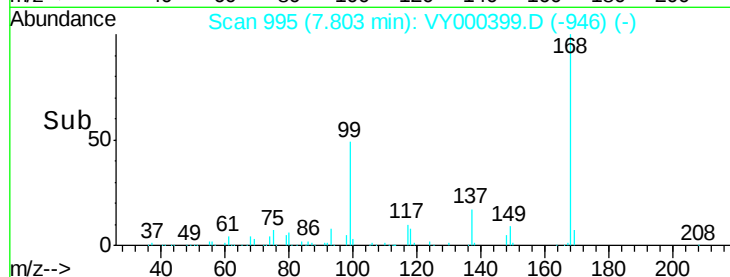
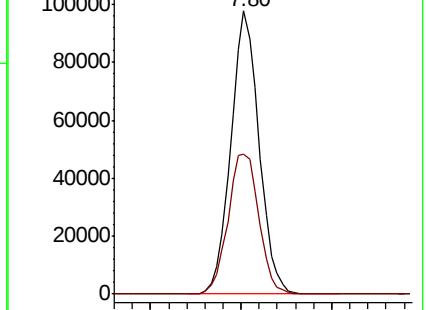
168 100

99 49.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000399.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000399.D (-946) (-)



#16

Acetone

Concen: 34.965 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000399.D

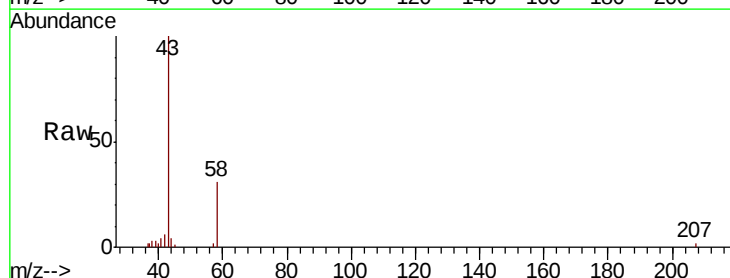
Acq: 23 Oct 2019 22:10

Tgt Ion: 43 Resp: 25333

Ion Ratio Lower Upper

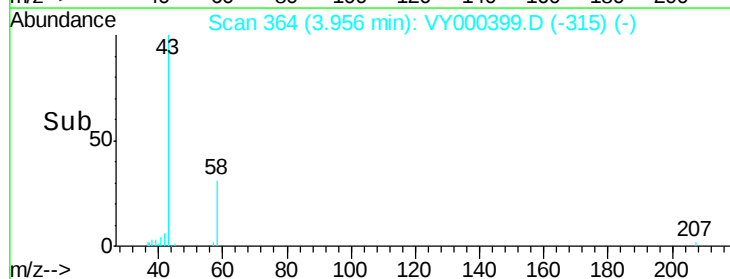
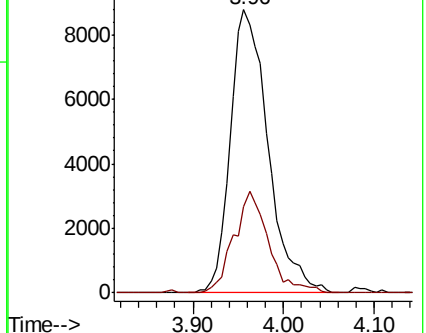
43 100

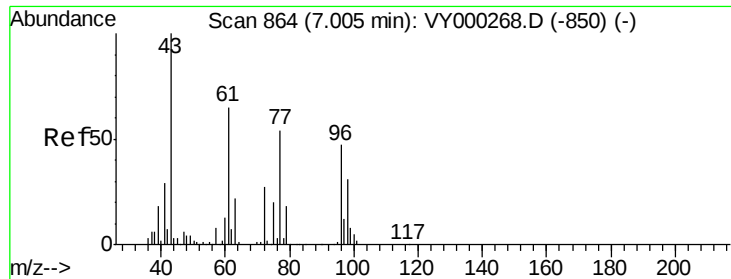
58 30.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000399.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000399.D (-315) (-)





#25

2-Butanone

Concen: 9.970 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000399.D

Acq: 23 Oct 2019 22:10

Instrument :

MSVOA_Y

ClientSampleId :

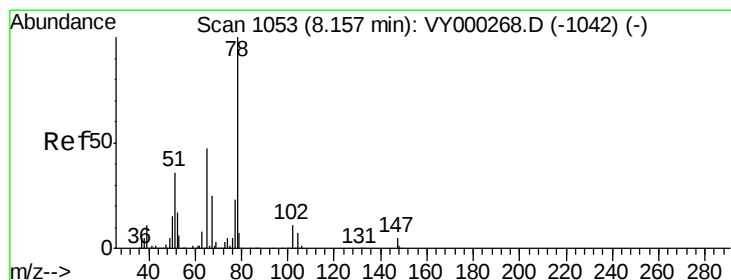
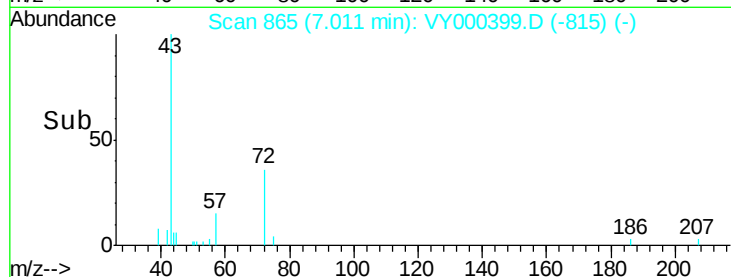
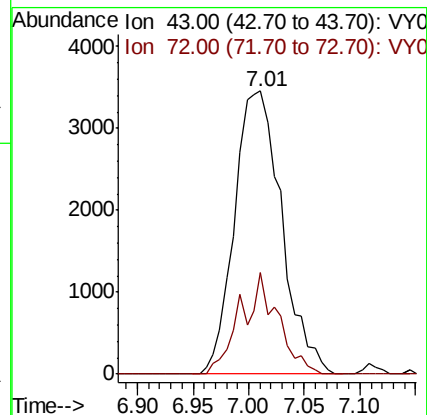
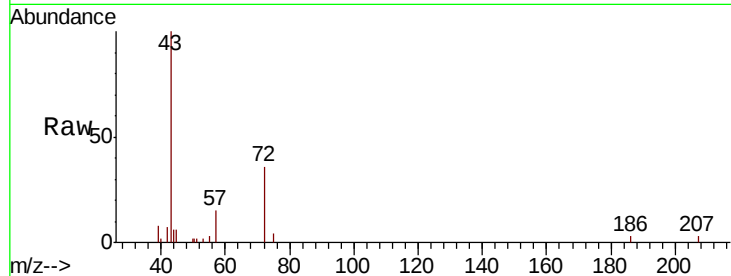
191-52-(1)

Tot Ion: 43 Resp: 10176

Ion Ratio Lower Upper

43 100

72 36.1 21.4 32.2#



#33

1,2-Dichloroethane-d4

Concen: 53.698 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000399.D

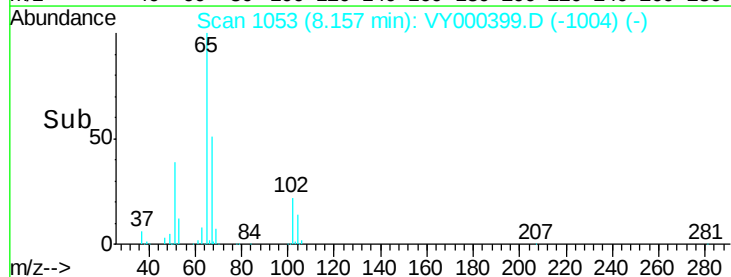
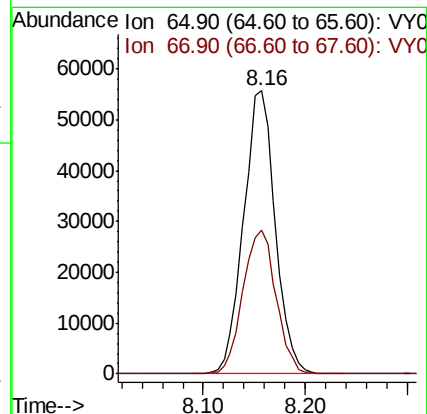
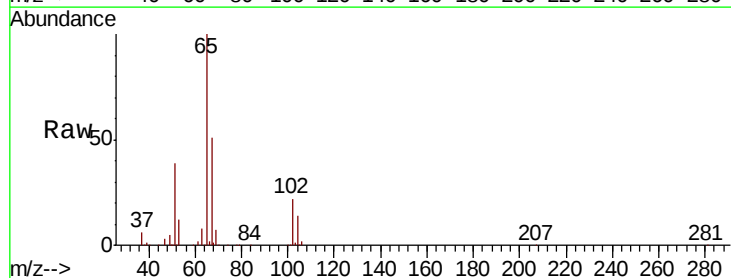
Acq: 23 Oct 2019 22:10

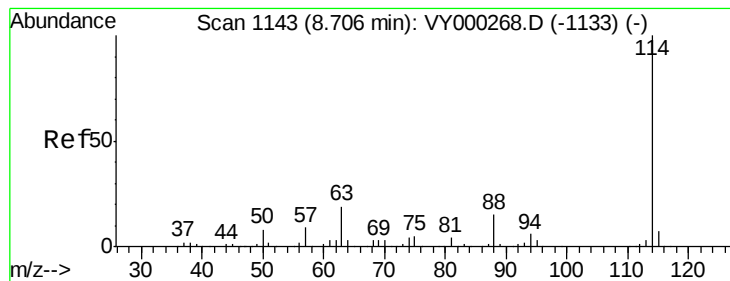
Tgt Ion: 65 Resp: 120137

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000399.D

Acq: 23 Oct 2019 22:10

Instrument :

MSVOA_Y

ClientSampleId :

191-52-(1)

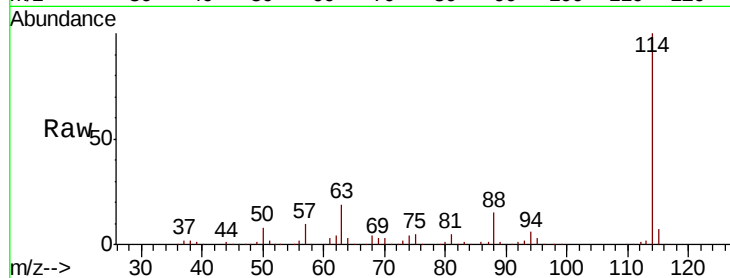
Tot Ion:114 Resp: 360919

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

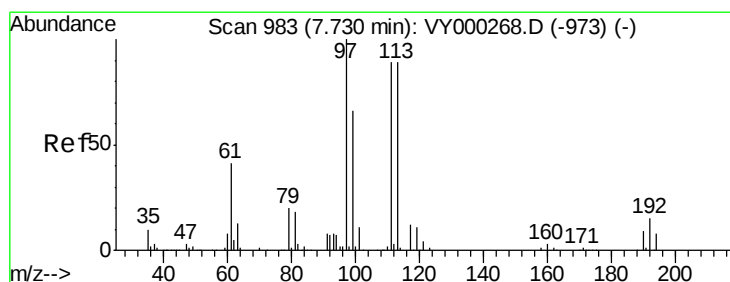
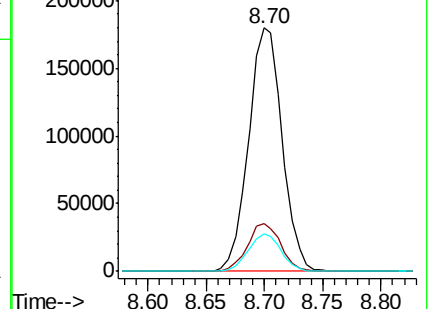
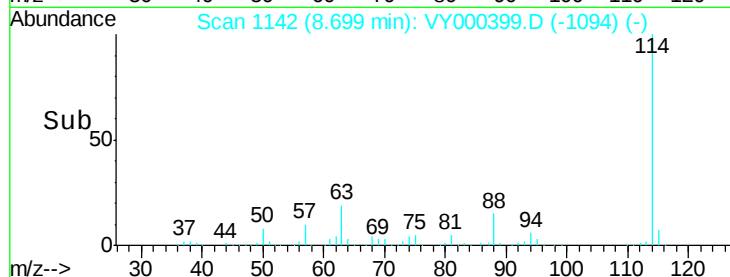
88 15.4 0.0 30.2



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: 47.815 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000399.D

Acq: 23 Oct 2019 22:10

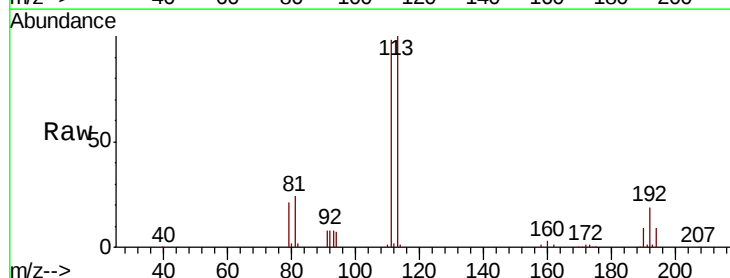
Tgt Ion:113 Resp: 104097

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

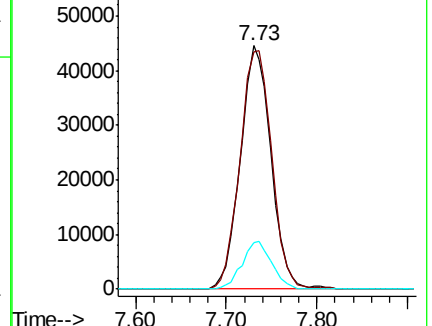
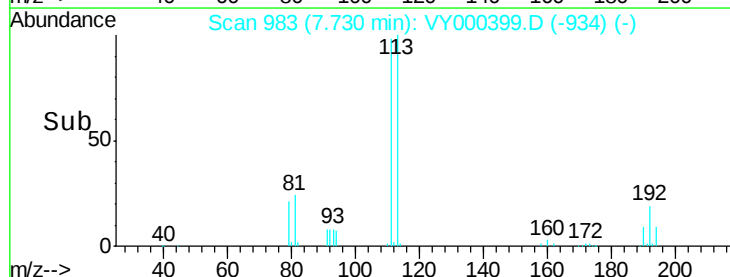
192 18.9 15.3 22.9

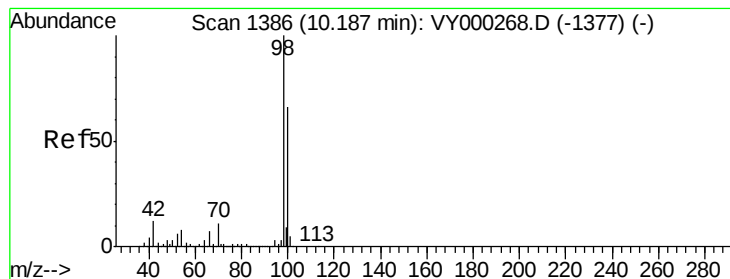


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.088 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000399.D

Acq: 23 Oct 2019 22:10

Instrument :

MSVOA_Y

ClientSampleId :

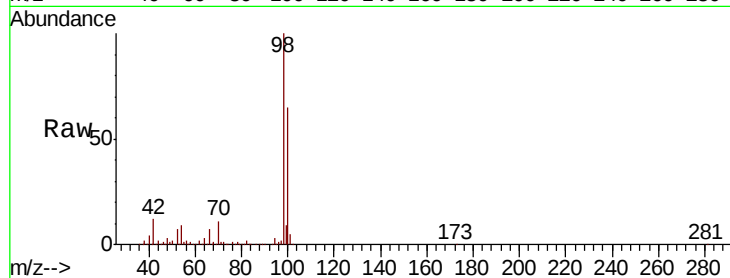
191-52-(1)

Tot Ion: 98 Resp: 419472

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

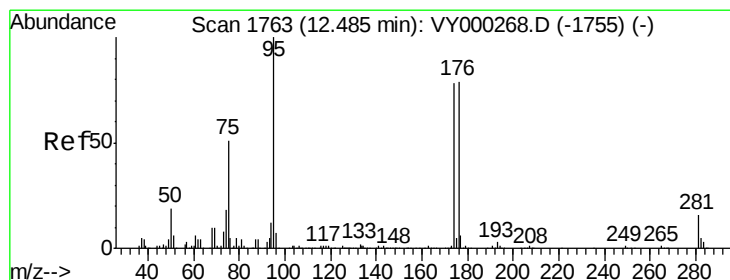
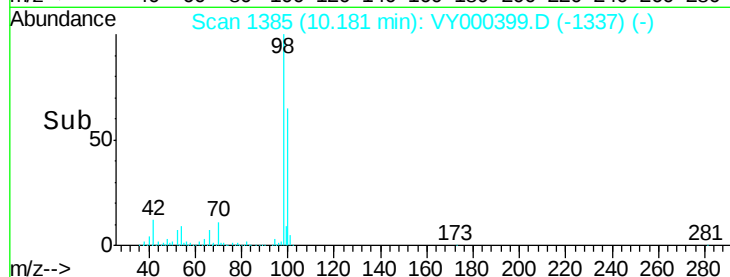
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 40.505 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000399.D

Acq: 23 Oct 2019 22:10

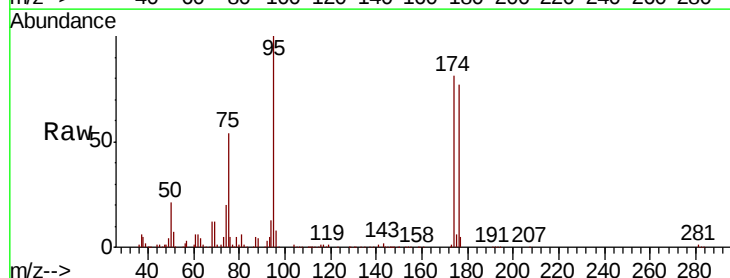
Tgt Ion: 95 Resp: 128874

Ion Ratio Lower Upper

95 100

174 84.7 0.0 159.6

176 80.6 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

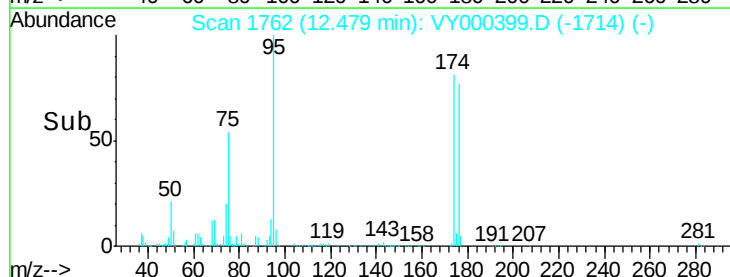
20000

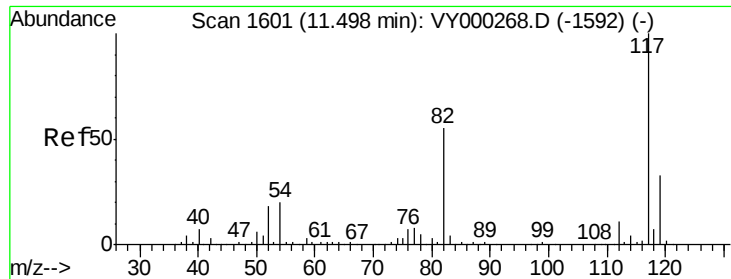
0

12.40

12.50

Time-->

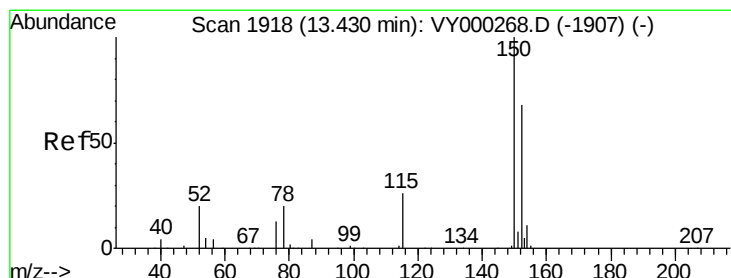
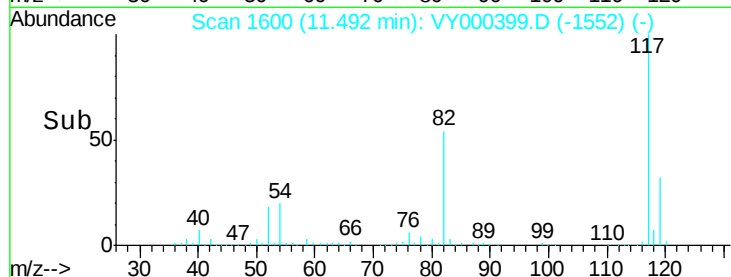
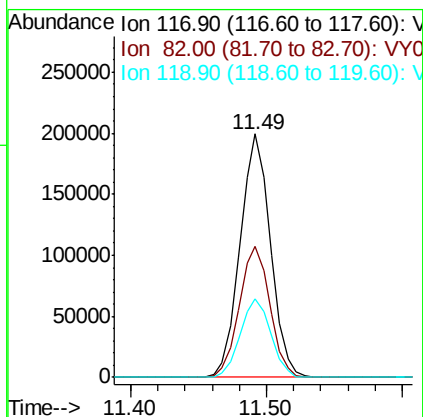
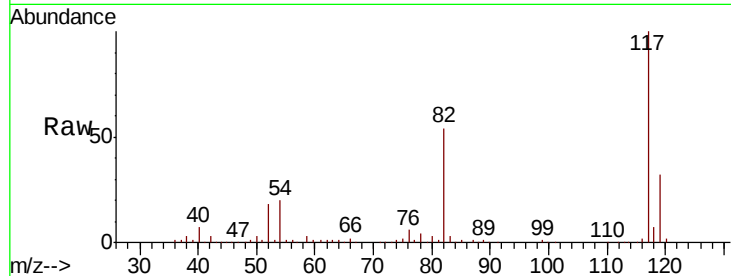




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000399.D
Acq: 23 Oct 2019 22:10

Instrument :
MSVOA_Y
ClientSampleId :
191-52-(1)

Tot Ion:117 Resp: 310663
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000399.D
Acq: 23 Oct 2019 22:10

Tgt Ion:152 Resp: 124535
Ion Ratio Lower Upper
152 100
115 57.8 29.3 88.0
150 156.8 0.0 348.4

