

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000391.D
 Acq On : 23 Oct 2019 19:05
 Operator : SY/MD
 Sample : K5500-10
 Misc : 6.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 800-50-(2)

Quant Time: Oct 24 05:21:03 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

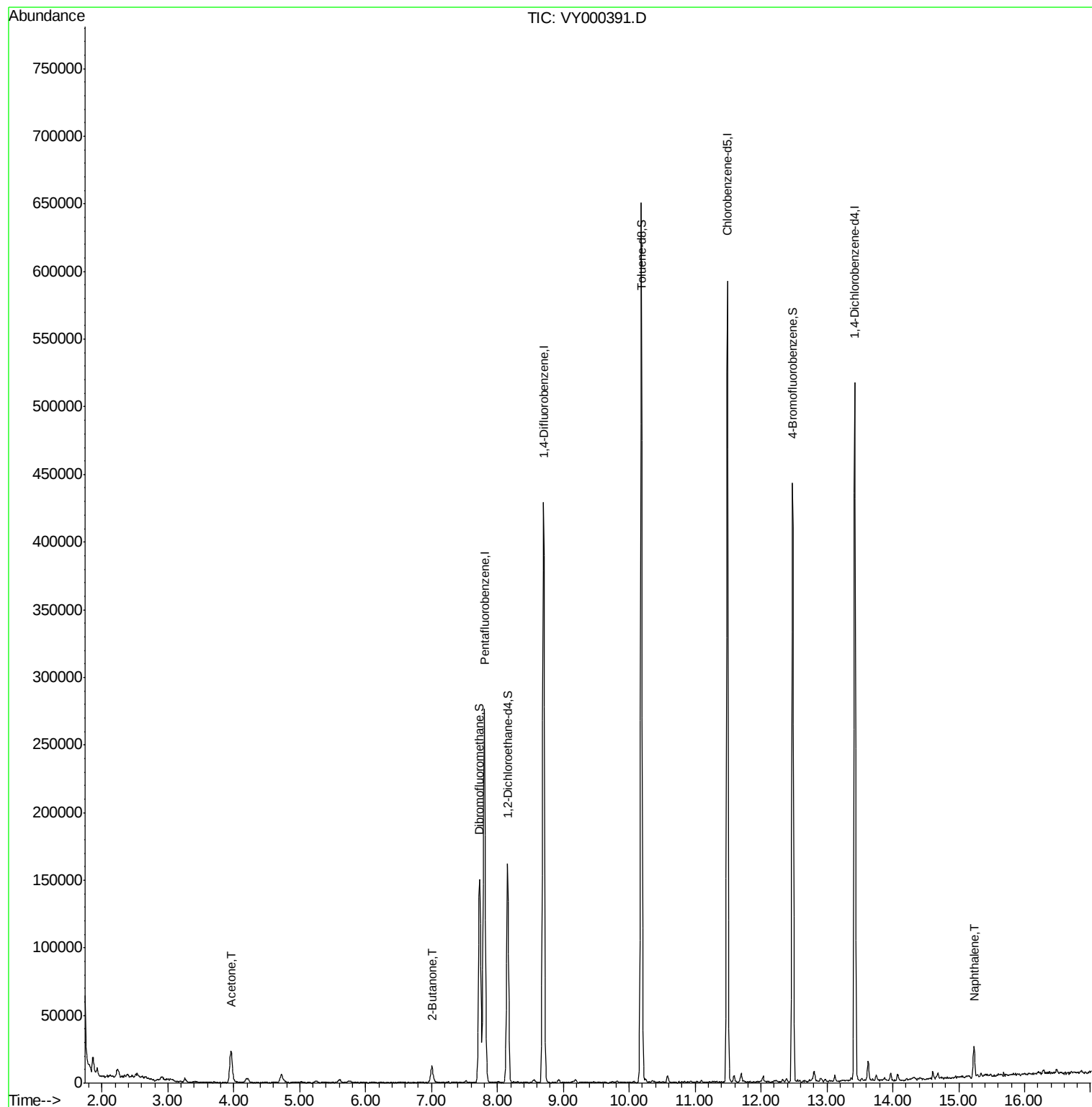
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	213418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	367127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	310537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123405	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
35) Dibromofluoromethane	7.73	113	104632	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.18	98	418996	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.48	95	132535	40.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.90%	
Target Compounds						
16) Acetone	3.96	43	39293	53.897	ug/l	95
25) 2-Butanone	7.01	43	19368	18.859	ug/l	98
95) Naphthalene	15.23	128	17829	2.959	ug/l	99

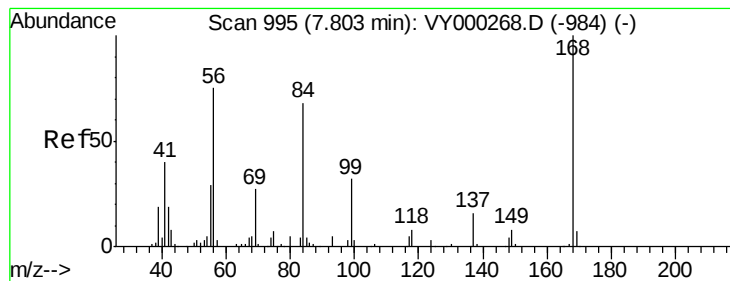
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000391.D

Acq: 23 Oct 2019 19:05

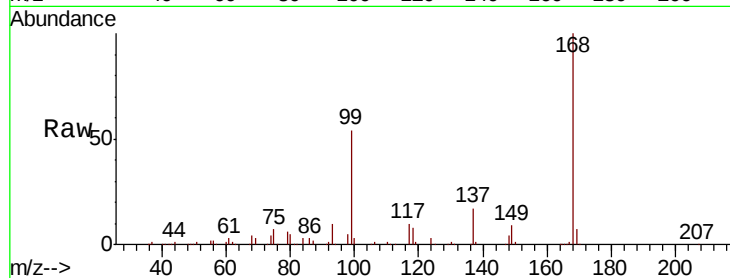
Instrument :
MSVOA_Y
ClientSampleId :
800-50-(2)

Tot Ion:168 Resp: 213418

Ion Ratio Lower Upper

168 100

99 53.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

100000

80000

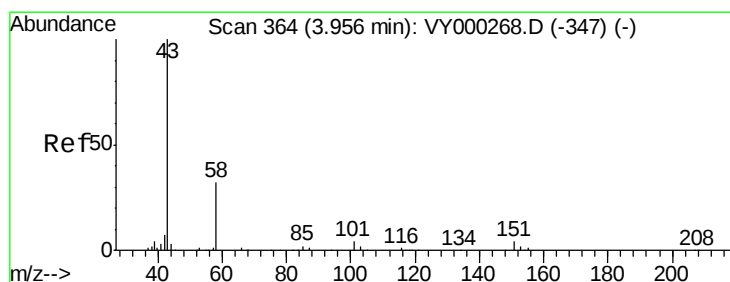
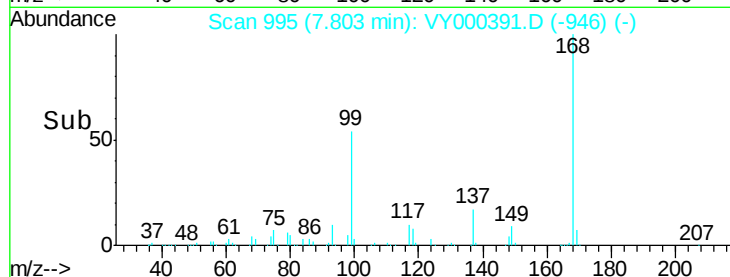
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 53.897 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000391.D

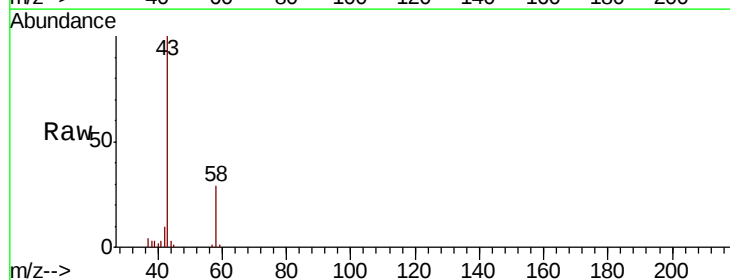
Acq: 23 Oct 2019 19:05

Tgt Ion: 43 Resp: 39293

Ion Ratio Lower Upper

43 100

58 29.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000268.D (-347) (-)

3.96

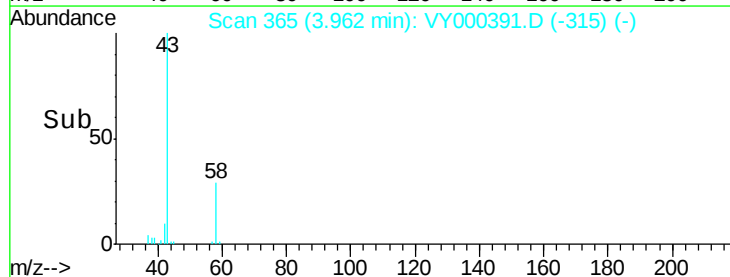
15000

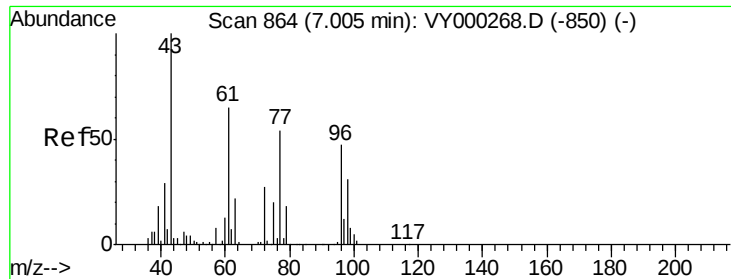
10000

5000

0

Time-->





#25

2-Butanone

Concen: 18.859 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000391.D

Acq: 23 Oct 2019 19:05

Instrument :

MSVOA_Y

ClientSampleId :

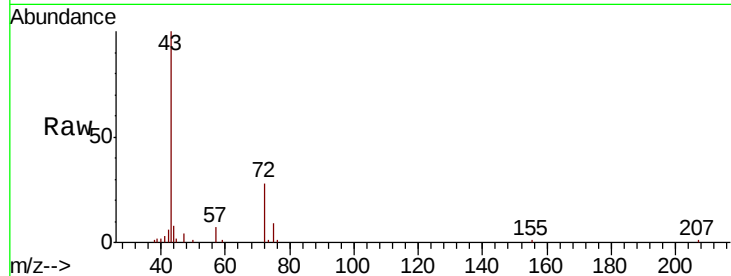
800-50-(2)

Tot Ion: 43 Resp: 19368

Ion Ratio Lower Upper

43 100

72 28.0 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

8000

6000

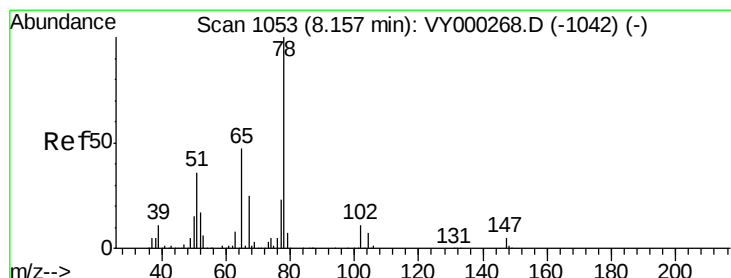
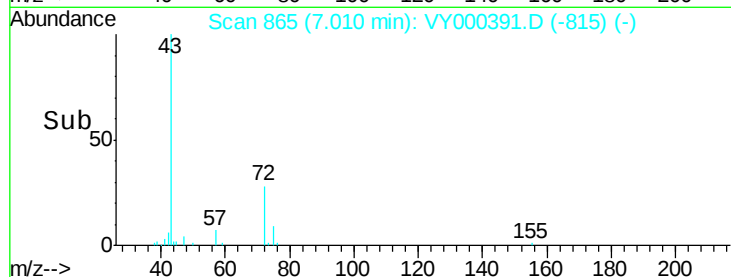
4000

2000

0

Time-->

6.90 7.00 7.10



#33

1,2-Dichloroethane-d4

Concen: 54.817 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000391.D

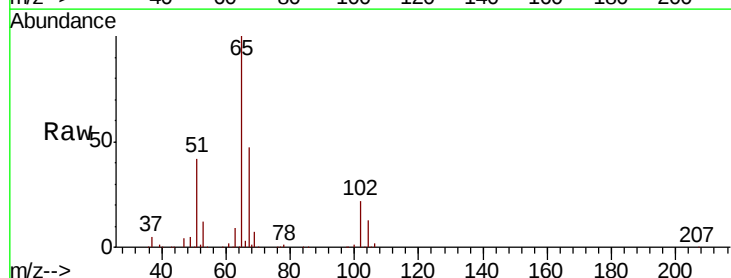
Acq: 23 Oct 2019 19:05

Tgt Ion: 65 Resp: 123405

Ion Ratio Lower Upper

65 100

67 50.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

60000

50000

40000

30000

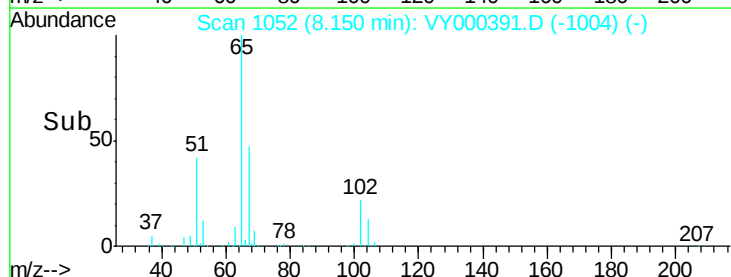
20000

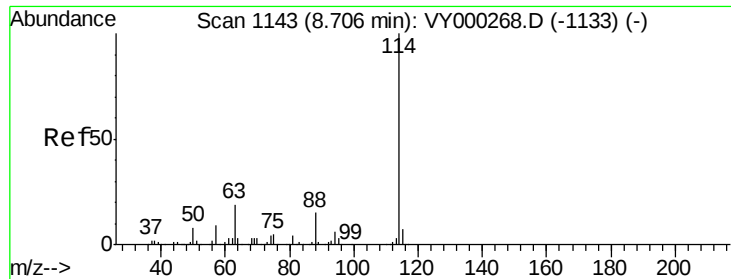
10000

0

Time-->

8.10 8.20

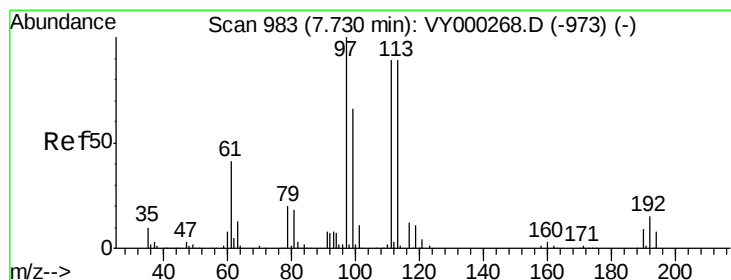
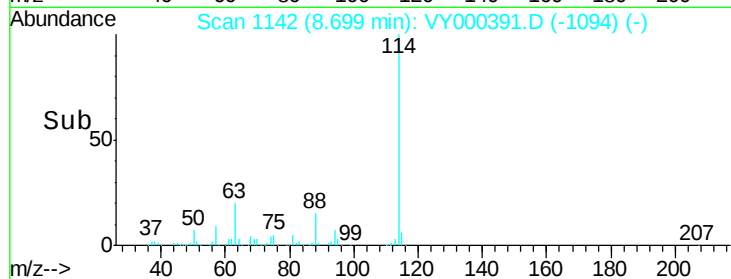
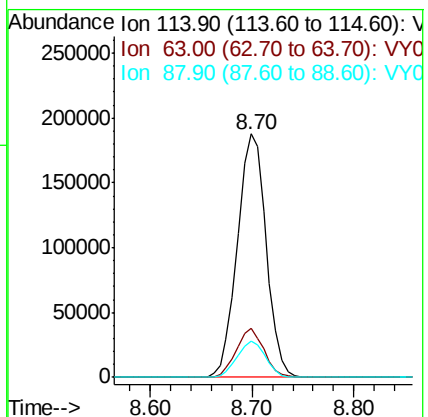
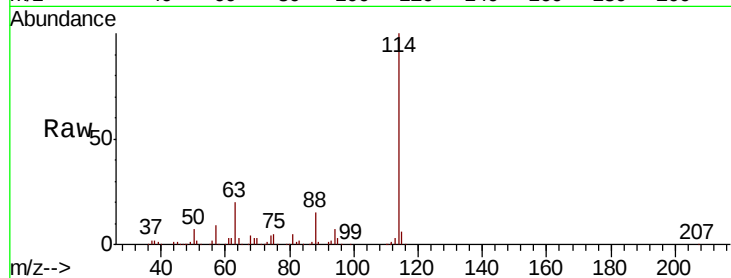




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000391.D
 Acq: 23 Oct 2019 19:05

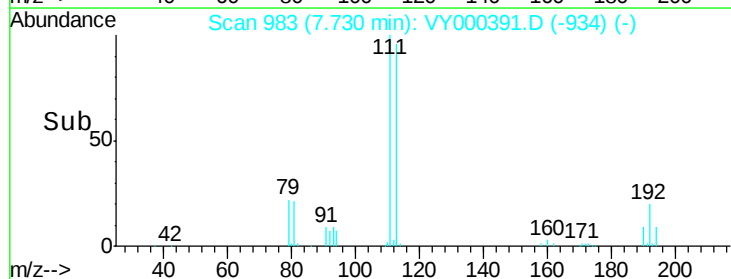
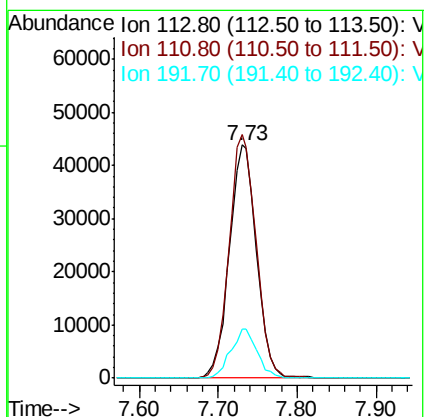
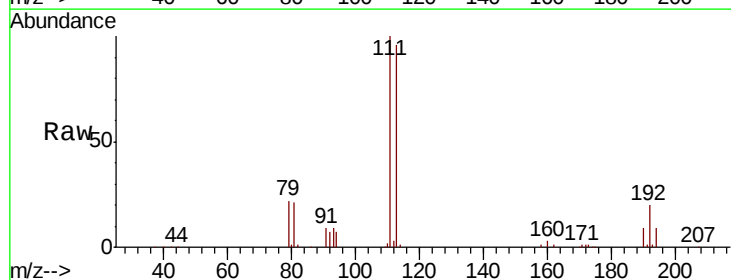
Instrument :
 MSVOA_Y
 ClientSampleId :
 800-50-(2)

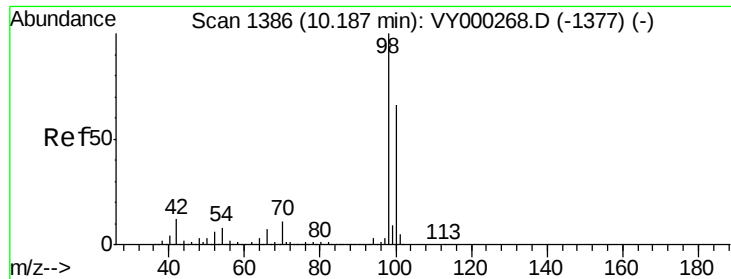
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.2
88	14.8	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.248 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000391.D
 Acq: 23 Oct 2019 19:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	20.3	15.3	22.9





#50

Toluene-d8

Concen: 49.185 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000391.D

Acq: 23 Oct 2019 19:05

Instrument :

MSVOA_Y

ClientSampleId :

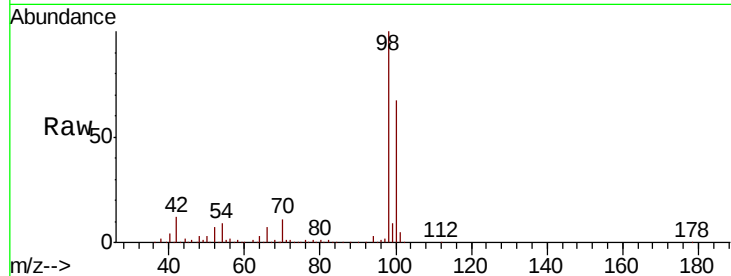
800-50-(2)

Tot Ion: 98 Resp: 418996

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000268.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000268.D (-1377) (-)

10.18

250000

200000

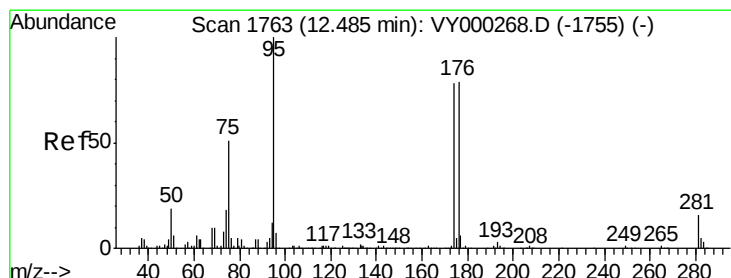
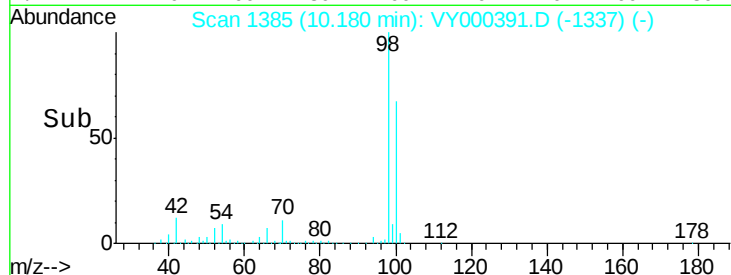
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.952 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000391.D

Acq: 23 Oct 2019 19:05

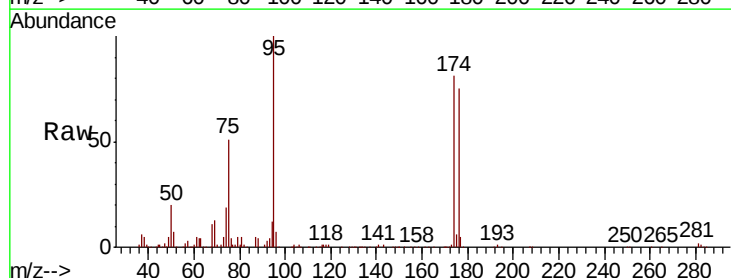
Tgt Ion: 95 Resp: 132535

Ion Ratio Lower Upper

95 100

174 82.2 0.0 159.6

176 78.0 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)

120000

100000

80000

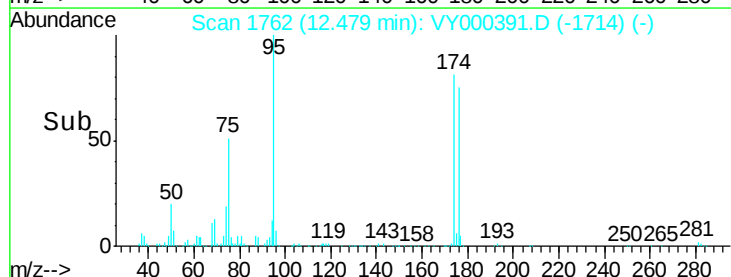
60000

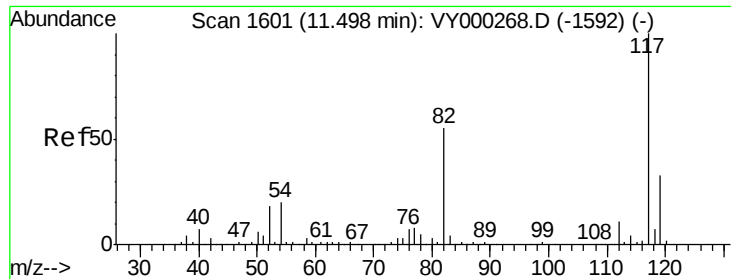
40000

20000

0

Time-->

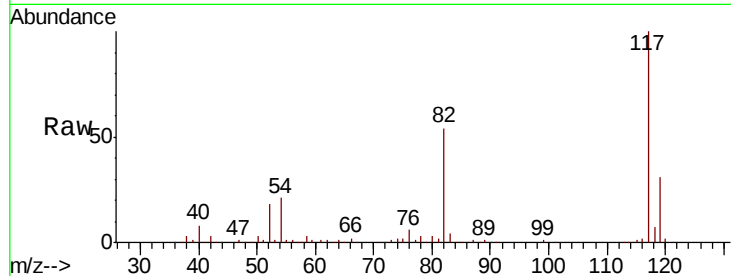




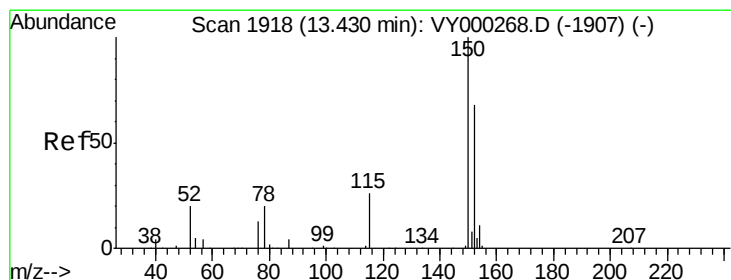
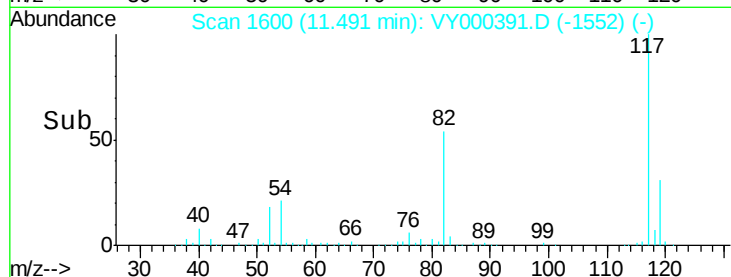
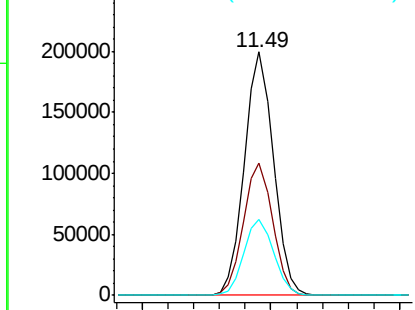
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000391.D
Acq: 23 Oct 2019 19:05

Instrument :
MSVOA_Y
ClientSampleId :
800-50-(2)

Tot Ion:117 Resp: 310537
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 31.2 26.6 39.8

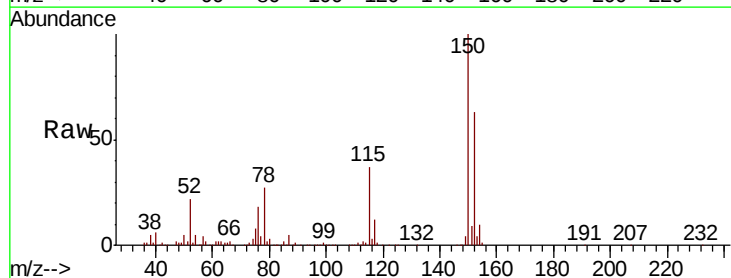


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

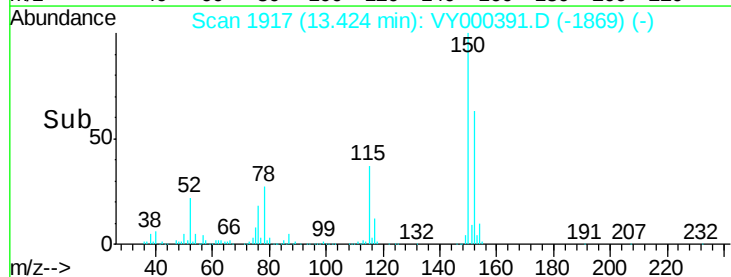
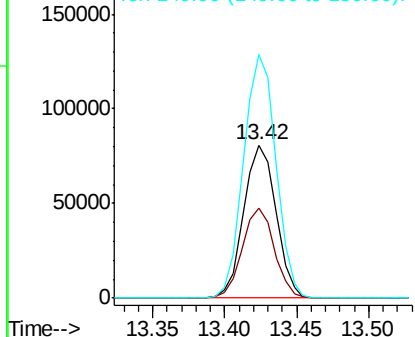


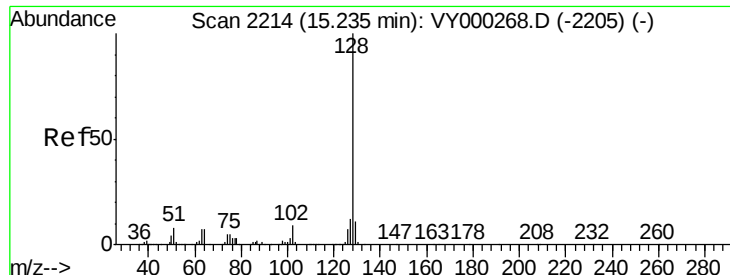
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000391.D
Acq: 23 Oct 2019 19:05

Tgt Ion:152 Resp: 125344
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 159.2 0.0 348.4



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





#95

Naphthalene

Concen: 2.959 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000391.D

Acq: 23 Oct 2019 19:05

Instrument :

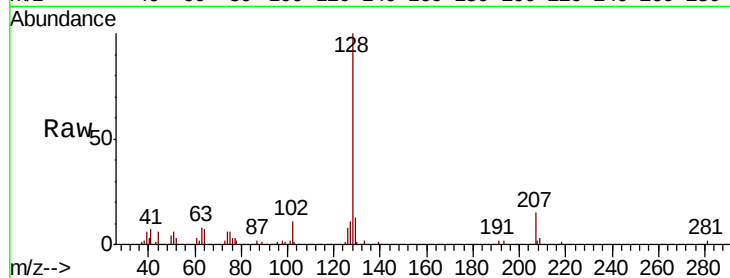
MSVOA_Y

ClientSampleId :

800-50-(2)

Tot Ion:128 Resp: 17829

Ion	Ratio	Lower	Upper
128	100		
127	11.4	9.6	14.4
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

