

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002128.D
 Acq On : 31 Mar 2020 13:23
 Operator : SY/MD
 Sample : L2055-05
 Misc : 6.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-(1-3)

Quant Time: Mar 31 18:30:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	128929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	251182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	221103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	77563	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	81469	57.16	ug/l	0.00
Spiked Amount						
			Recovery	=	114.32%	
35) Dibromofluoromethane	7.75	113	75549	53.68	ug/l	0.01
Spiked Amount						
			Recovery	=	107.36%	
50) Toluene-d8	10.19	98	309216	52.89	ug/l	0.00
Spiked Amount						
			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.49	95	91393	44.70	ug/l	0.00
Spiked Amount						
			Recovery	=	89.40%	

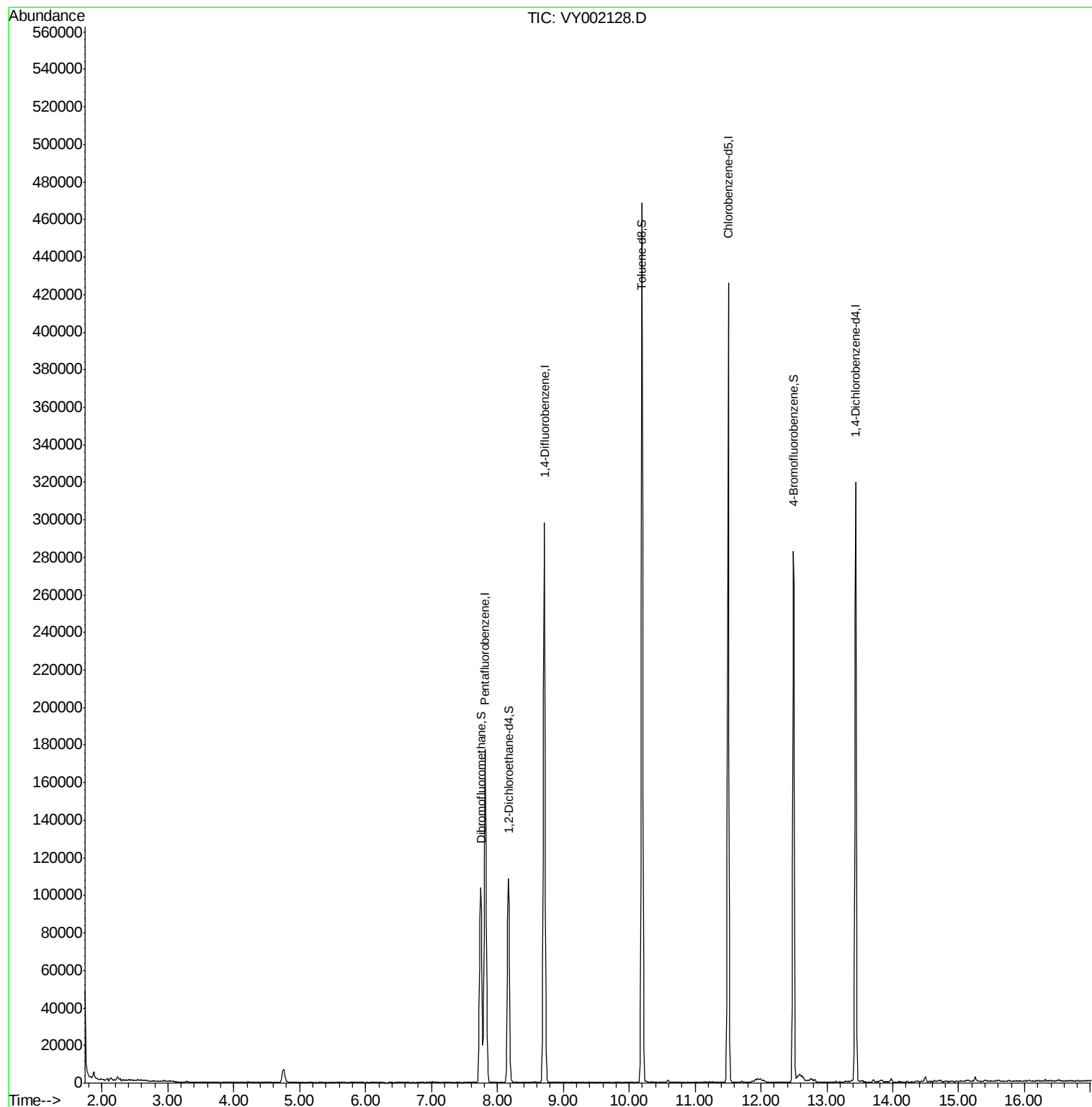
Target Compounds	Qvalue
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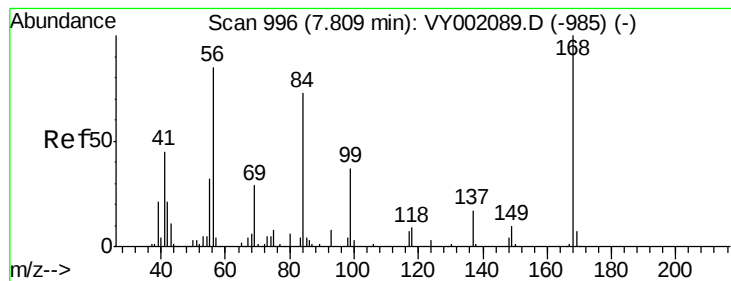
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

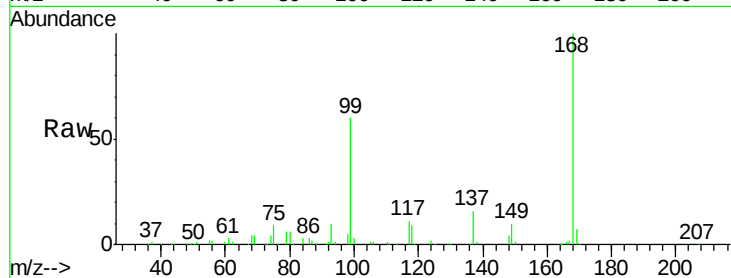
SB-8-(1-3)

Tot Ion:168 Resp: 128929

Ion Ratio Lower Upper

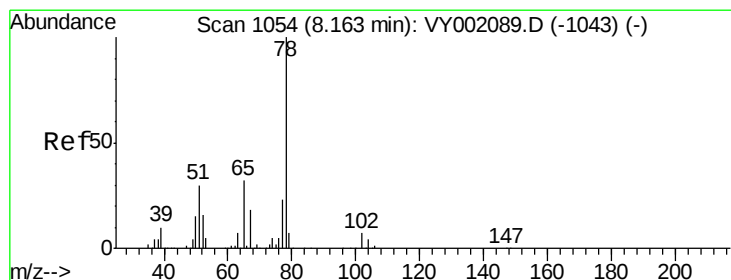
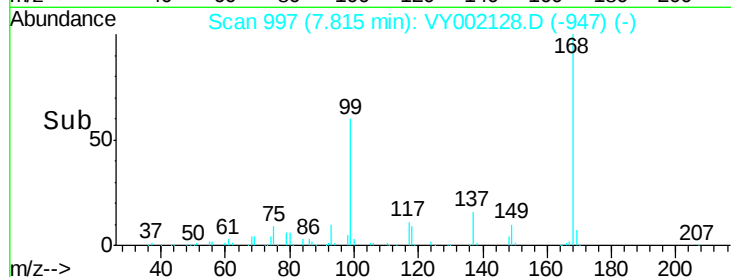
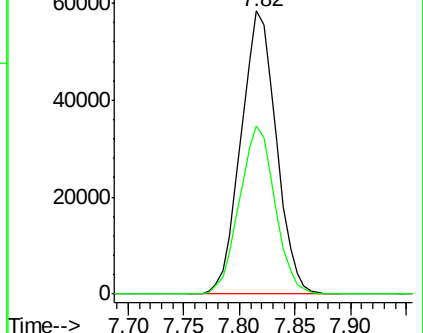
168 100

99 59.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002128.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002128.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.160 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002128.D

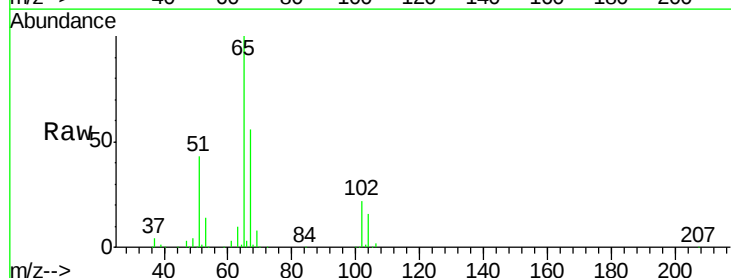
Acq: 31 Mar 2020 13:23

Tgt Ion: 65 Resp: 81469

Ion Ratio Lower Upper

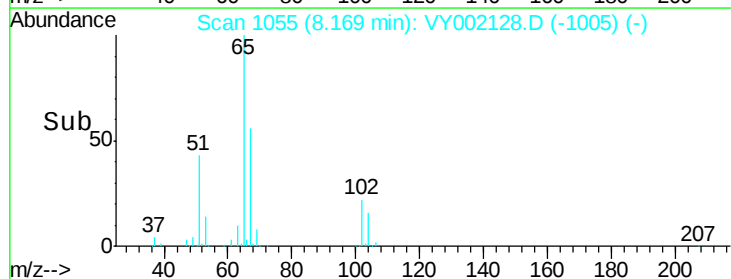
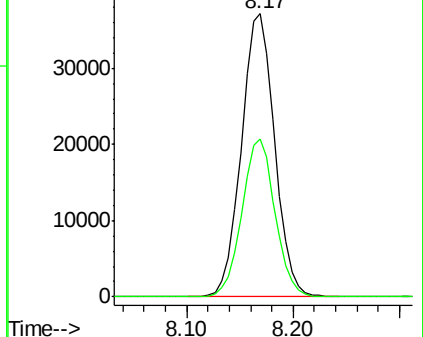
65 100

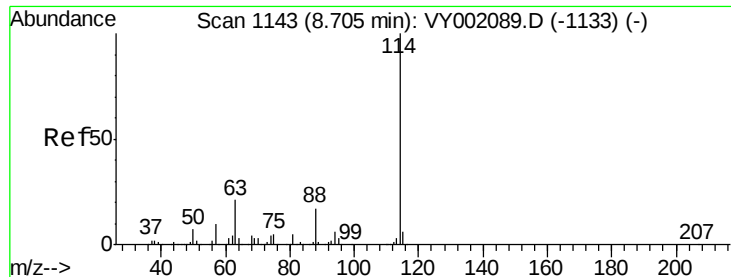
67 55.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002128.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002128.D (-1005) (-)

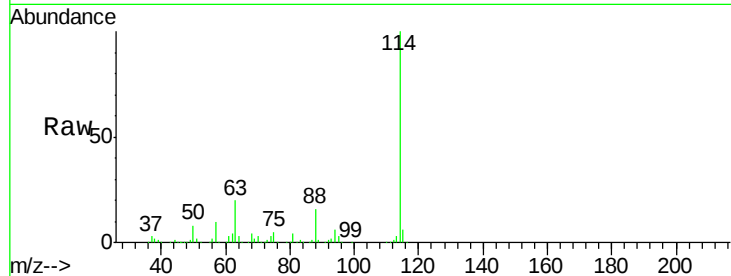




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002128.D
Acq: 31 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-(1-3)

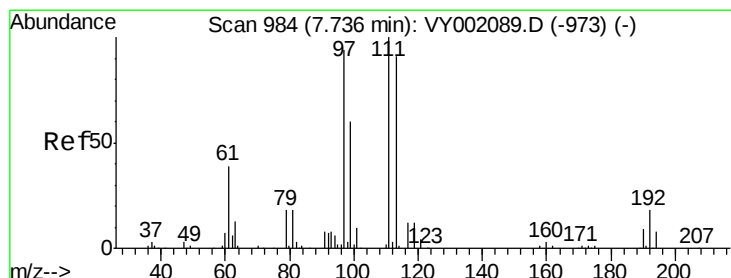
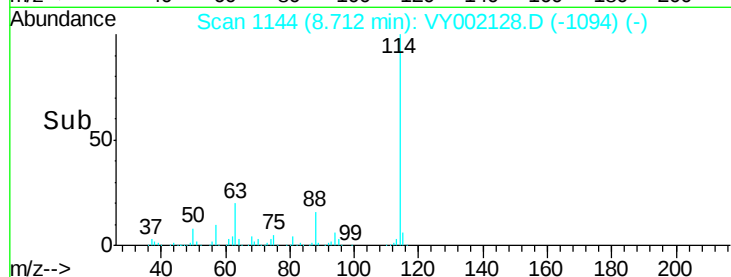
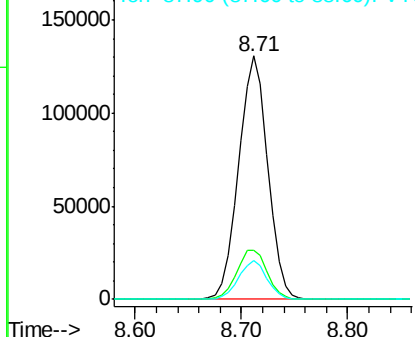
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	15.9	0.0	33.0



Abundance Ion 113.90 (113.60 to 114.60): V

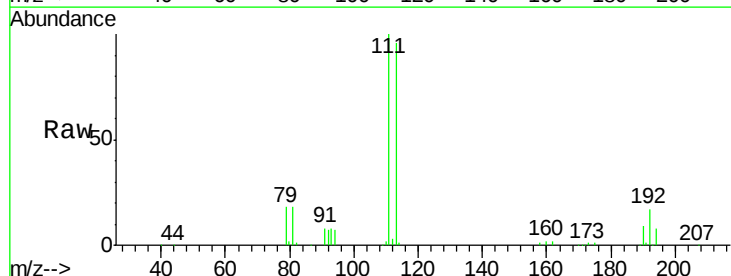
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
Dibromofluoromethane
Concen: 53.679 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.01 min
Lab File: VY002128.D
Acq: 31 Mar 2020 13:23

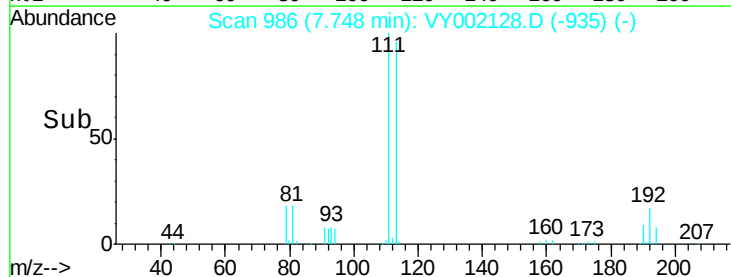
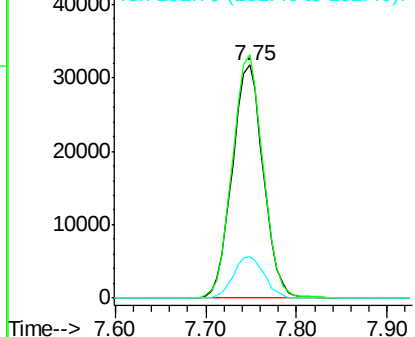
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	84.4	126.6
192	17.5	14.6	21.8

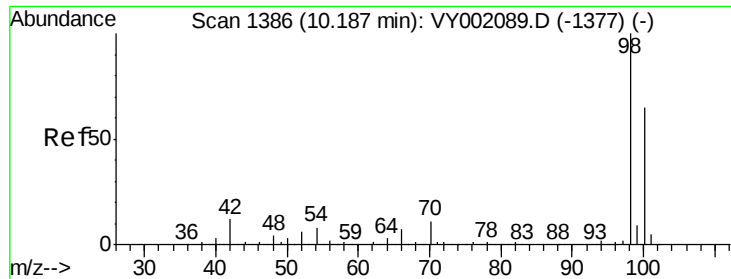


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.887 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

Instrument :

MSVOA_Y

ClientSampleId :

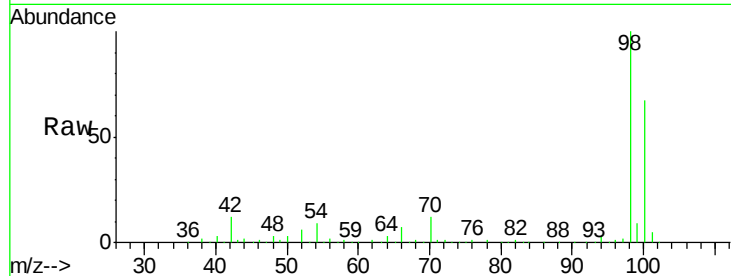
SB-8-(1-3)

Tot Ion: 98 Resp: 309216

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002128.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002128.D (-1377) (-)

10.19

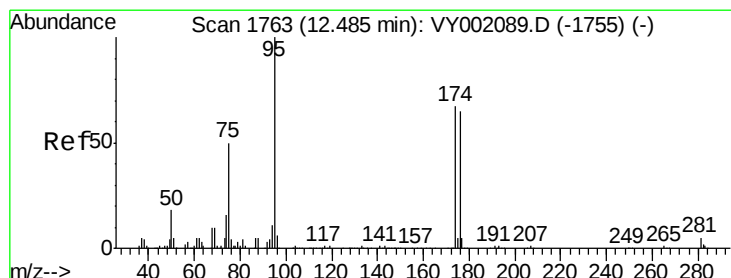
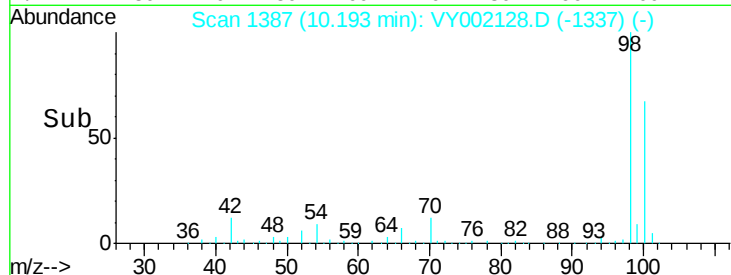
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.695 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002128.D

Acq: 31 Mar 2020 13:23

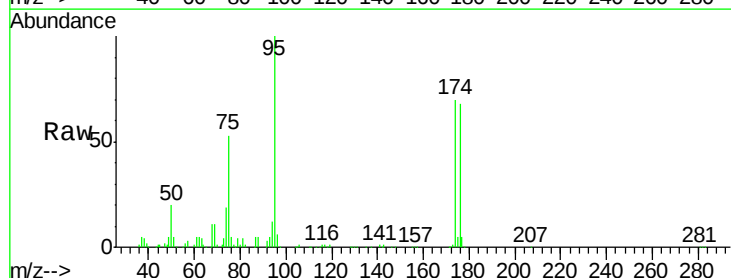
Tgt Ion: 95 Resp: 91393

Ion Ratio Lower Upper

95 100

174 73.7 0.0 143.4

176 71.0 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002128.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002128.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002128.D (-1714) (-)

12.49

80000

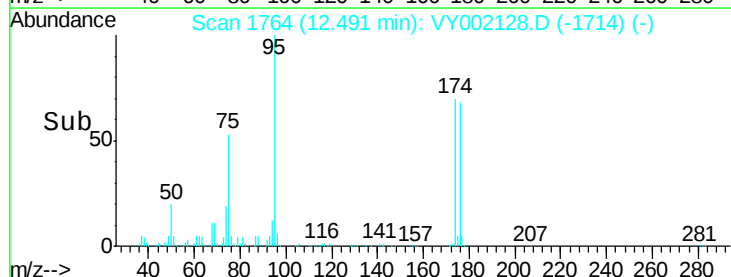
60000

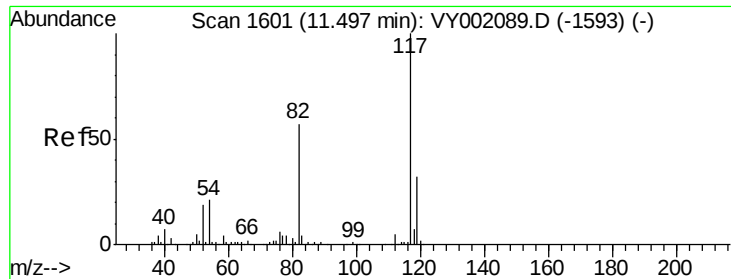
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20000

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Time-->

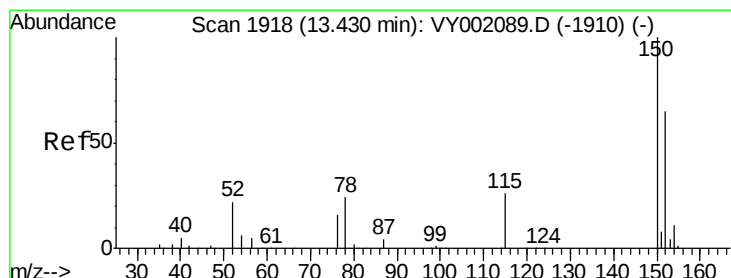
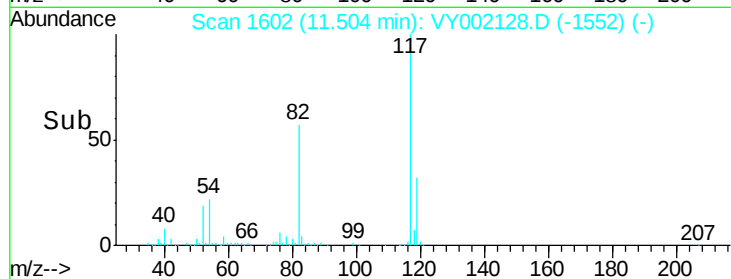
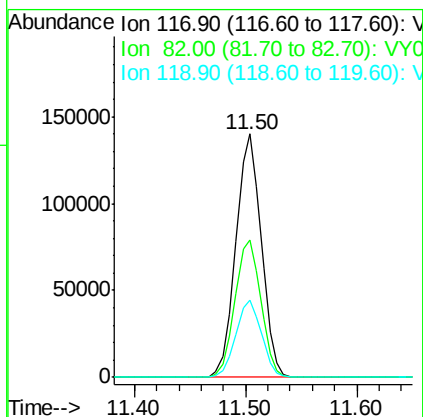
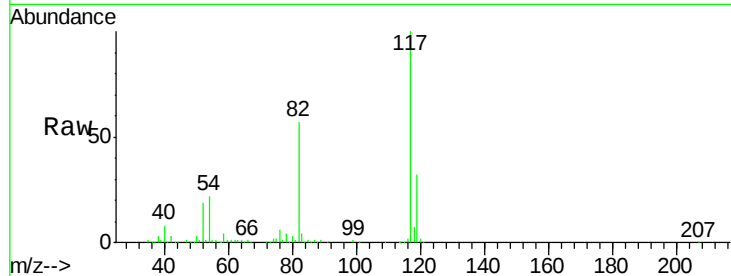




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002128.D
Acq: 31 Mar 2020 13:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-(1-3)

Tot Ion:117 Resp: 221103
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 31.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002128.D
Acq: 31 Mar 2020 13:23

Tgt Ion:152 Resp: 77563
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 158.2 0.0 354.8

