

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002186.D
 Acq On : 02 Apr 2020 13:02
 Operator : SY/MD
 Sample : L2122-01
 Misc : 7.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-01-040120

Quant Time: Apr 03 03:49:41 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	129363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	255597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	92940	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80553	56.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.66%	
35) Dibromofluoromethane	7.74	113	74458	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.19	98	307803	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.48	95	101602	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

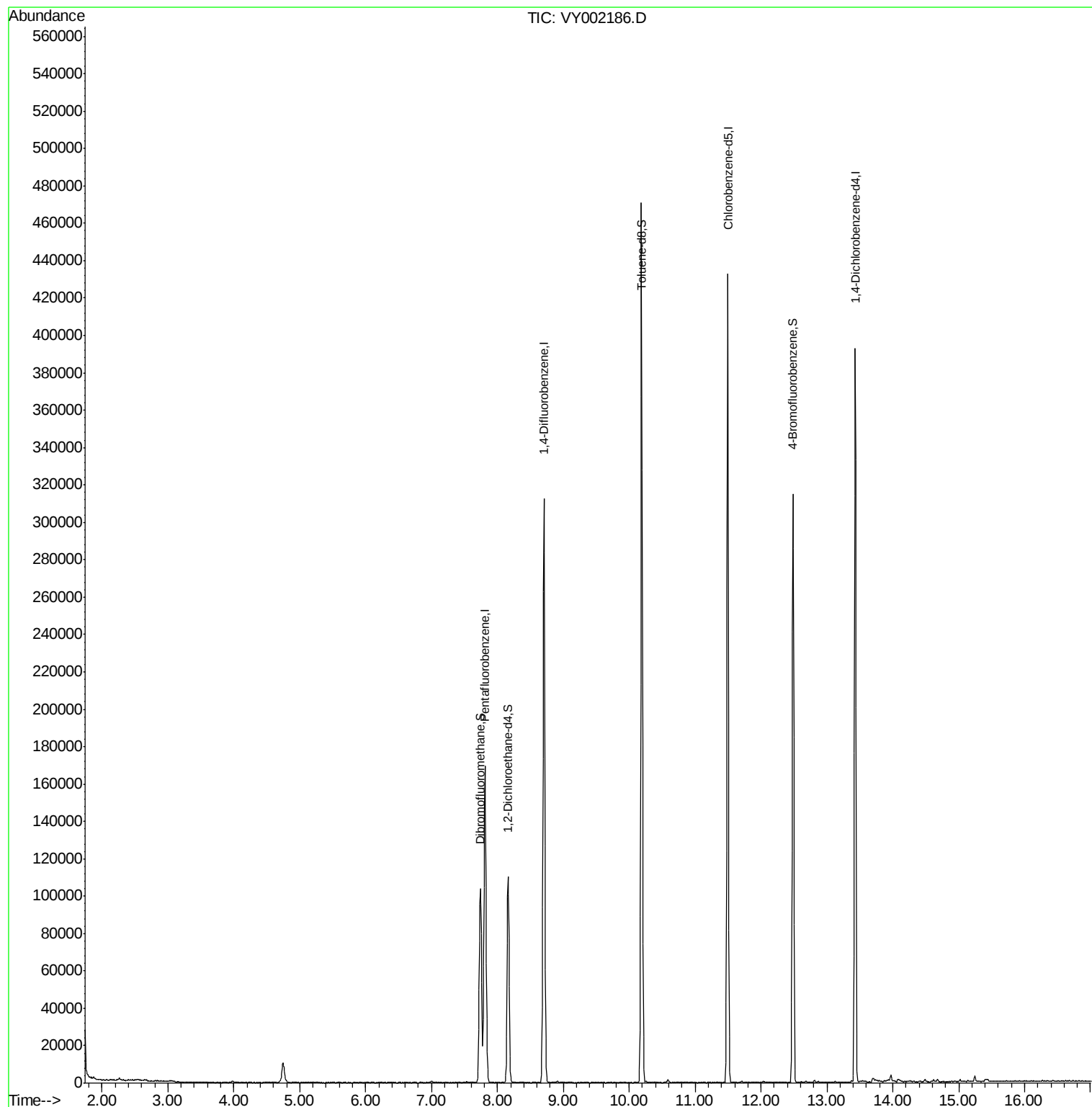
Target Compounds	Qvalue
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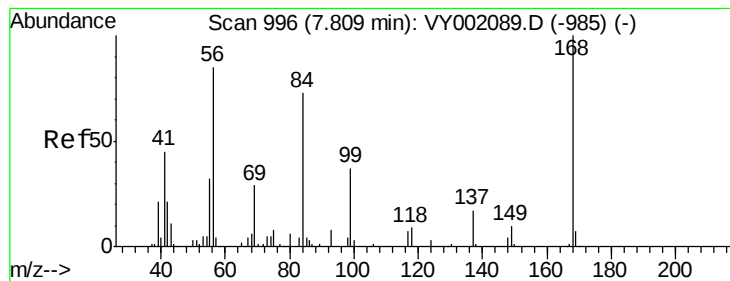
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002186.D

Acq: 02 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

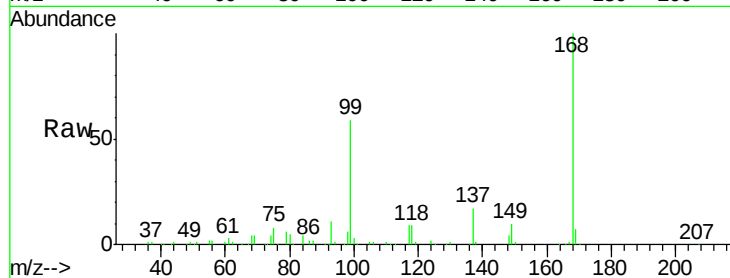
SU-01-040120

Tot Ion:168 Resp: 129363

Ion Ratio Lower Upper

168 100

99 59.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002186.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002186.D (-947) (-)

7.82

60000

50000

40000

30000

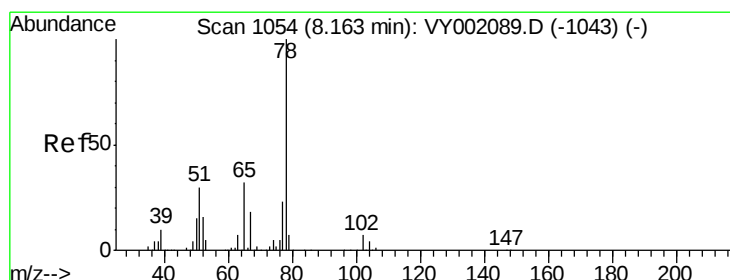
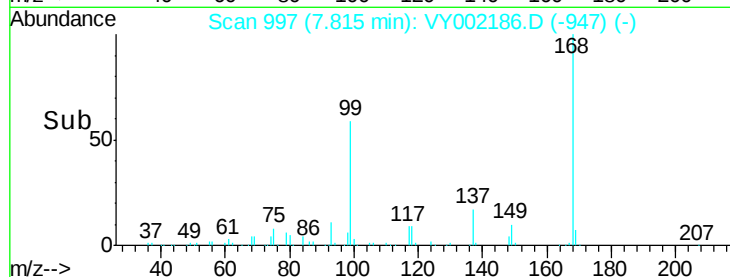
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.328 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002186.D

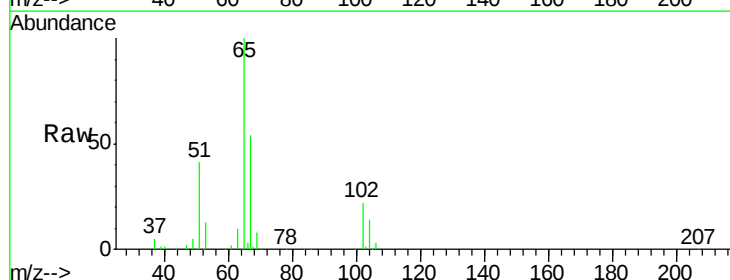
Acq: 02 Apr 2020 13:02

Tgt Ion: 65 Resp: 80553

Ion Ratio Lower Upper

65 100

67 55.2 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002186.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002186.D (-1005) (-)

8.16

40000

30000

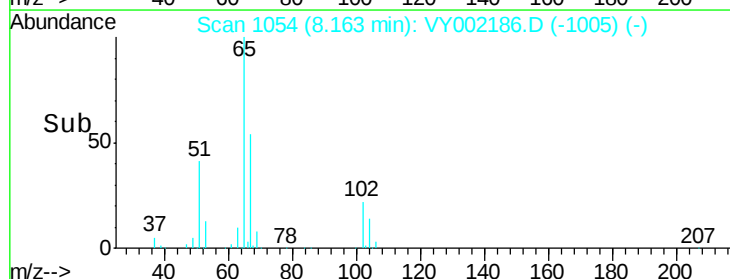
20000

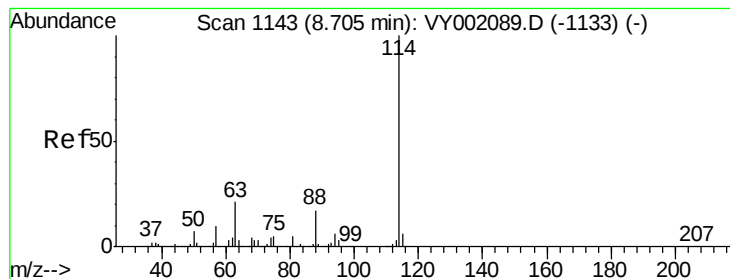
10000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY002186.D

Acq: 02 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

SU-01-040120

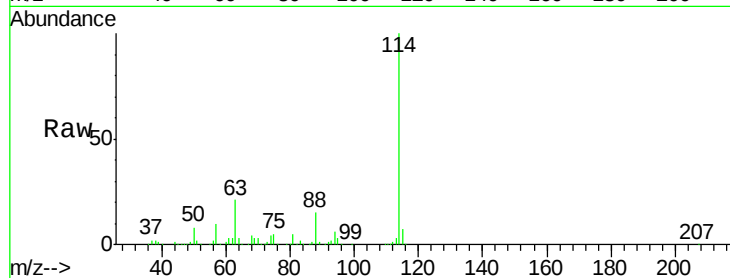
Tot Ion:114 Resp: 255597

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

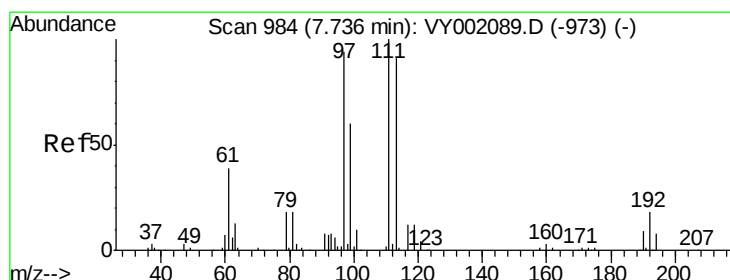
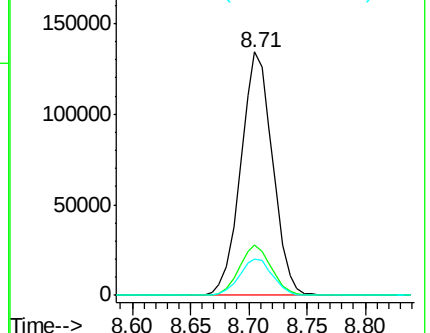
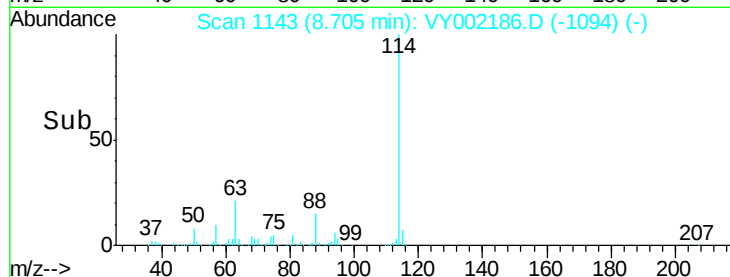
88 15.1 0.0 33.0



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: 51.990 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002186.D

Acq: 02 Apr 2020 13:02

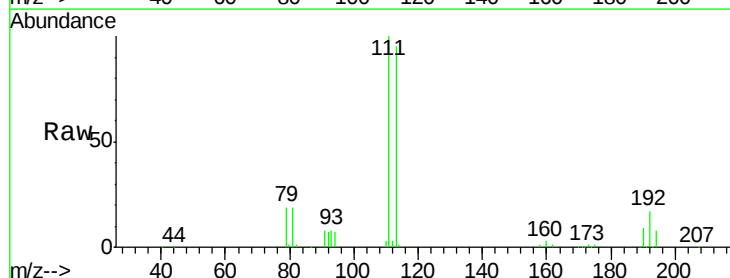
Tgt Ion:113 Resp: 74458

Ion Ratio Lower Upper

113 100

111 105.1 84.4 126.6

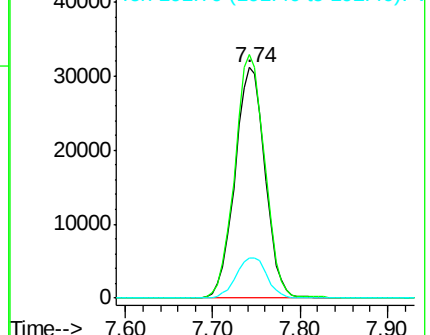
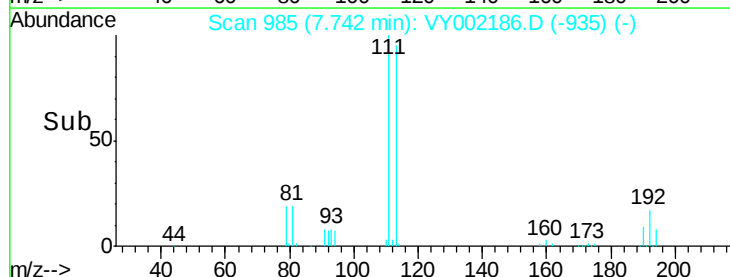
192 17.8 14.6 21.8

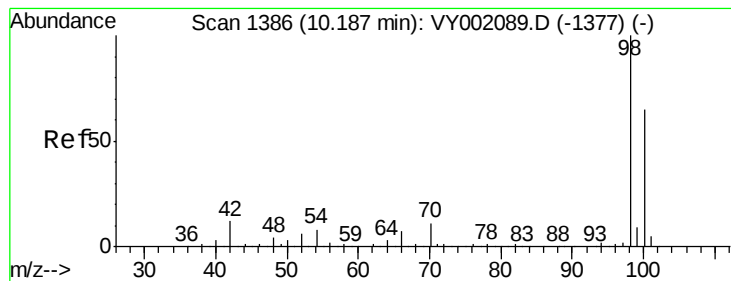


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.736 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002186.D

Acq: 02 Apr 2020 13:02

Instrument :

MSVOA_Y

ClientSampleId :

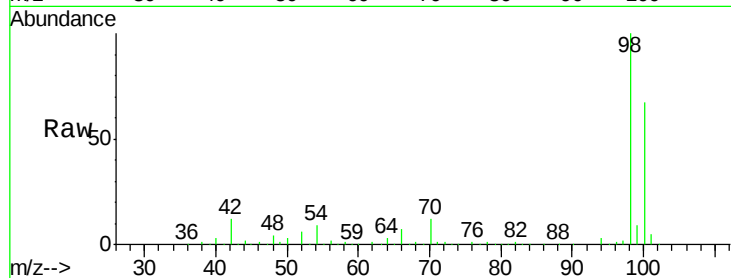
SU-01-040120

Tot Ion: 98 Resp: 307803

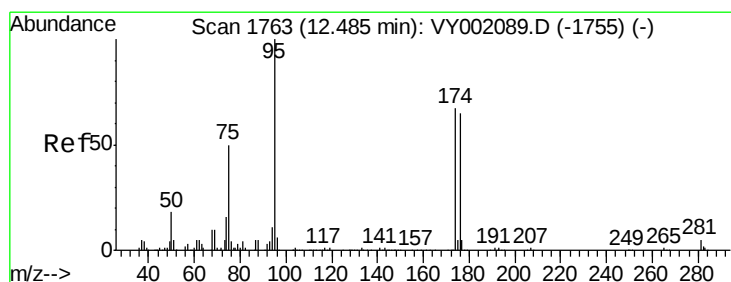
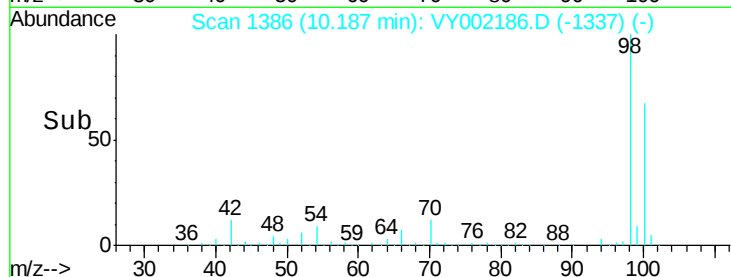
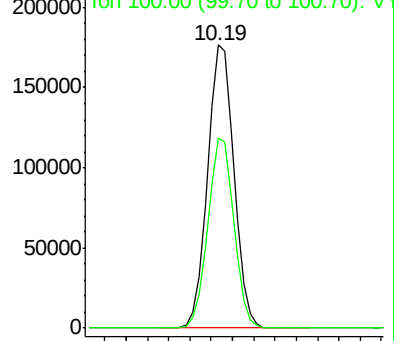
Ion Ratio Lower Upper

98 100

100 66.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002186.D (-1337) (-)



#62

4-Bromofluorobenzene

Concen: 48.830 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002186.D

Acq: 02 Apr 2020 13:02

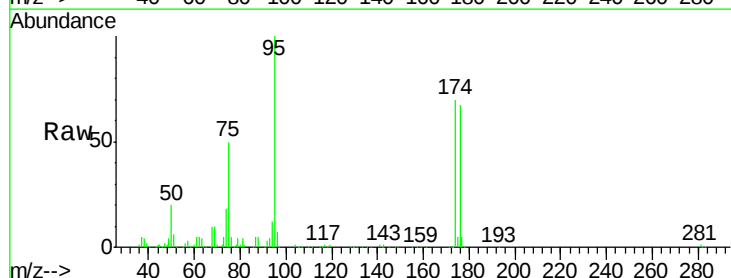
Tgt Ion: 95 Resp: 101602

Ion Ratio Lower Upper

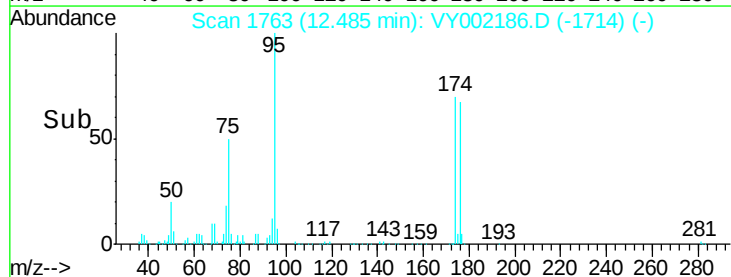
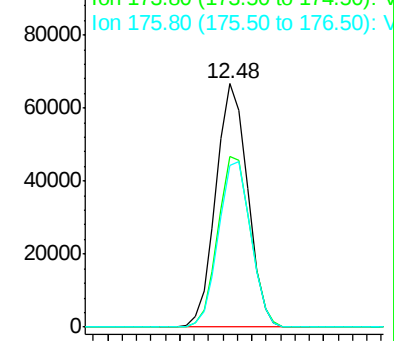
95 100

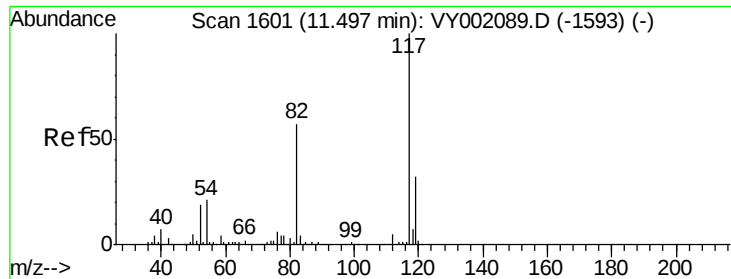
174 71.5 0.0 143.4

176 69.2 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002186.D (-1714) (-)

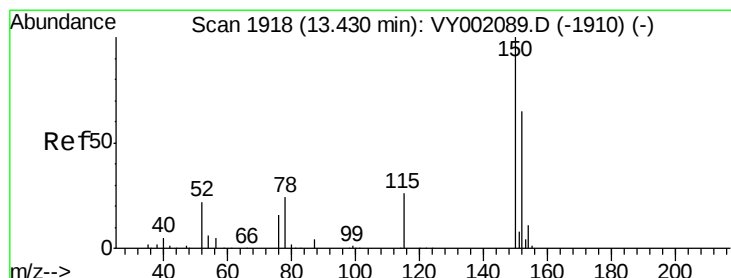
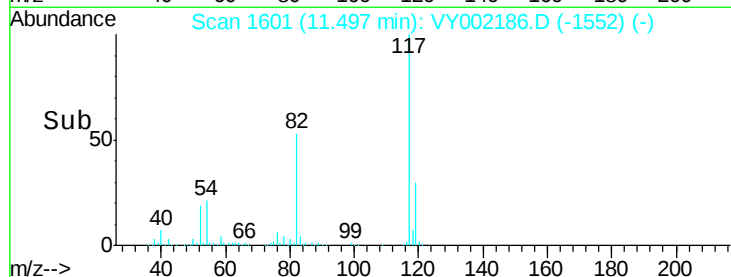
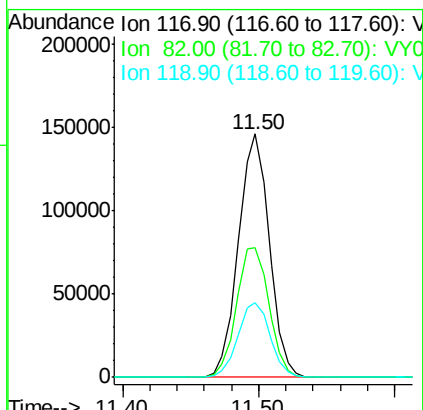
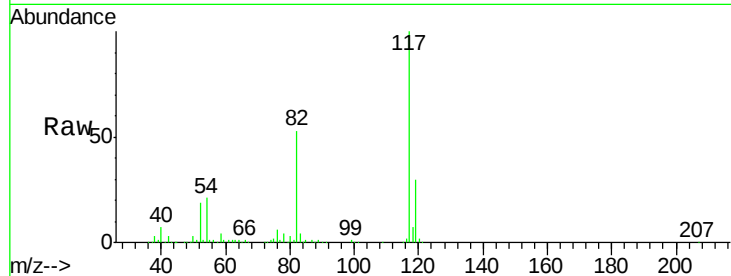




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002186.D
Acq: 02 Apr 2020 13:02

Instrument :
MSVOA_Y
ClientSampleId :
SU-01-040120

Tot Ion:117 Resp: 231749
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.2
119 30.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002186.D
Acq: 02 Apr 2020 13:02

Tgt Ion:152 Resp: 92940
Ion Ratio Lower Upper
152 100
115 60.3 31.2 93.6
150 156.9 0.0 354.8

