

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001566.D
 Acq On : 07 Feb 2020 19:44
 Operator : SY/MD
 Sample : L1472-04
 Misc : 13.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Feb 08 03:59:01 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	7.83	168	169581	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	303905	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	269050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123052	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	98320	57.58	ug/l	0.01
Spiked Amount	50.000		Recovery	=	115.16%	
35) Dibromofluoromethane	7.75	113	88350	50.41	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.20	98	359553	54.23	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.46%	
62) 4-Bromofluorobenzene	12.50	95	124515	47.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.34%	

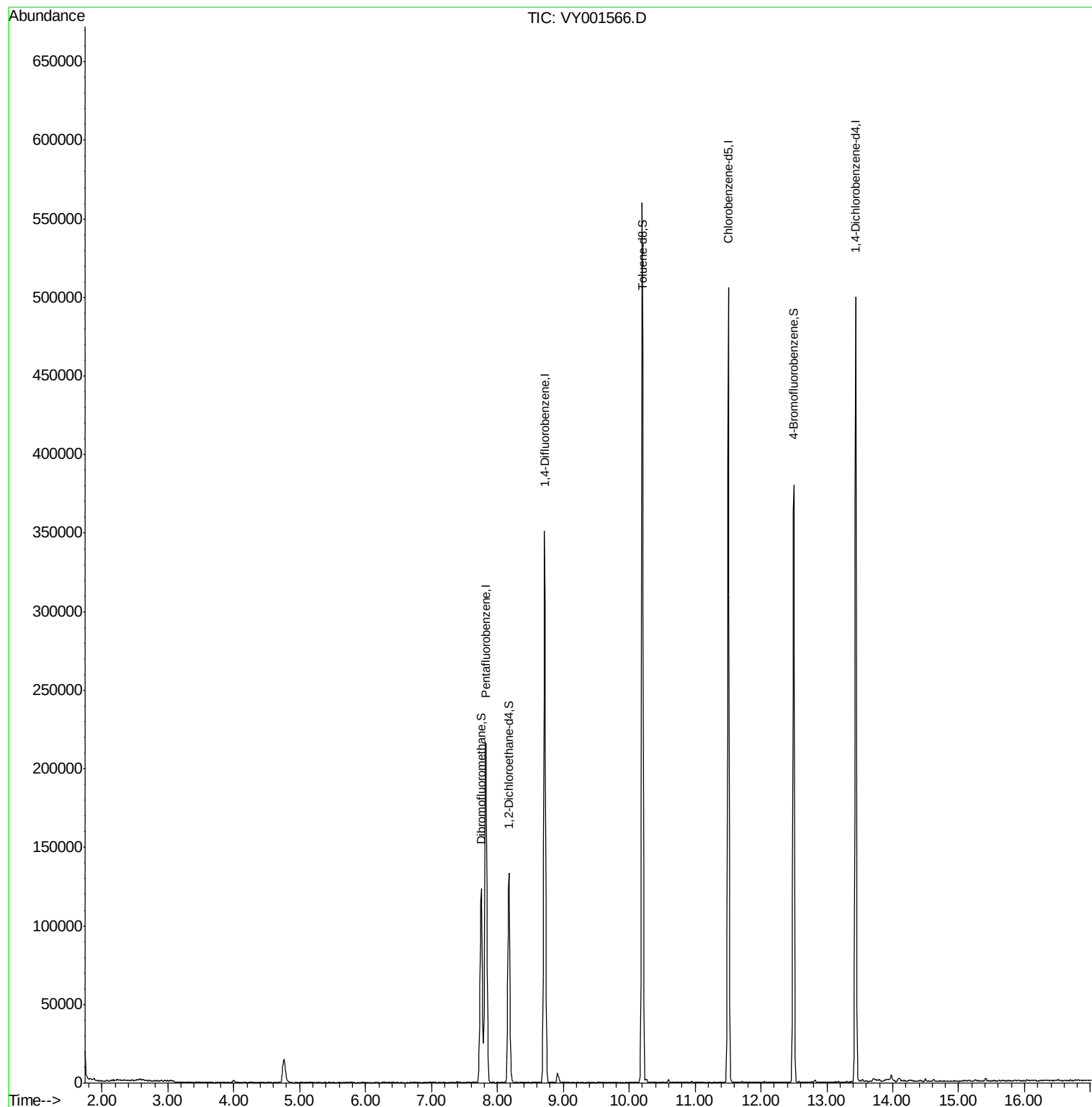
Target Compounds	Qvalue

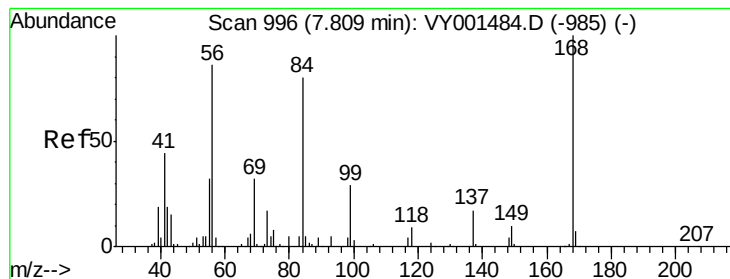
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001566.D

Acq: 07 Feb 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

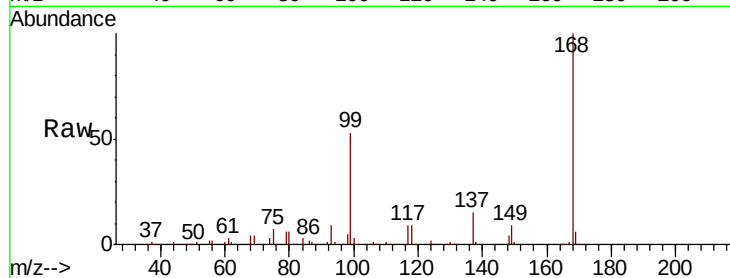
TP-4

Tot Ion:168 Resp: 169581

Ion Ratio Lower Upper

168 100

99 53.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001566.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001566.D (-947) (-)

7.83

80000

60000

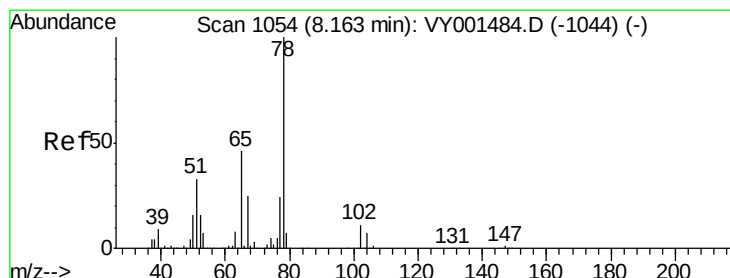
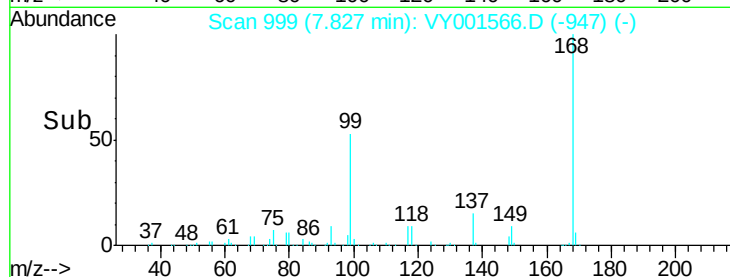
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.583 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001566.D

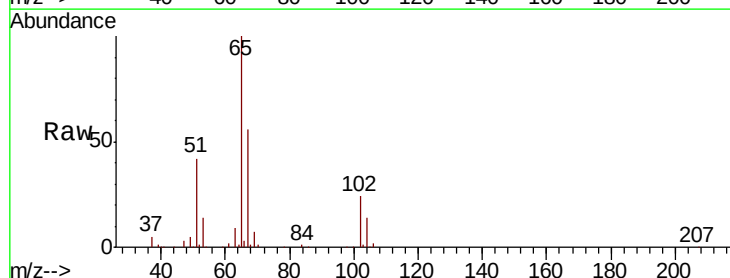
Acq: 07 Feb 2020 19:44

Tgt Ion: 65 Resp: 98320

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001566.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001566.D (-1005) (-)

8.17

50000

40000

30000

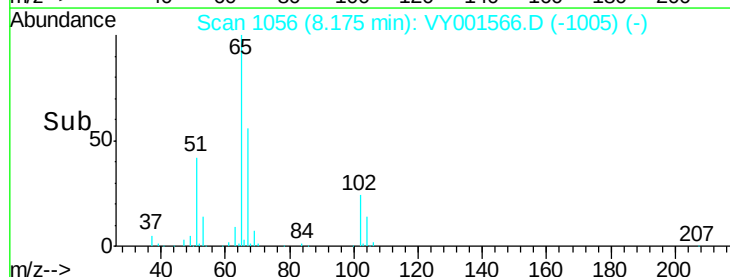
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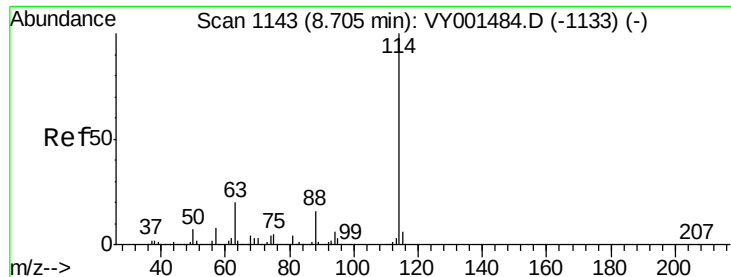
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0

Time-->

8.05 8.10 8.15 8.20 8.25

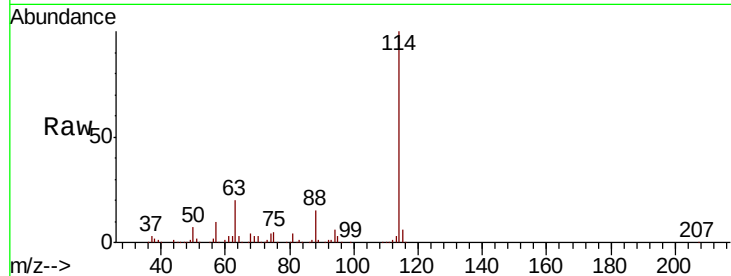




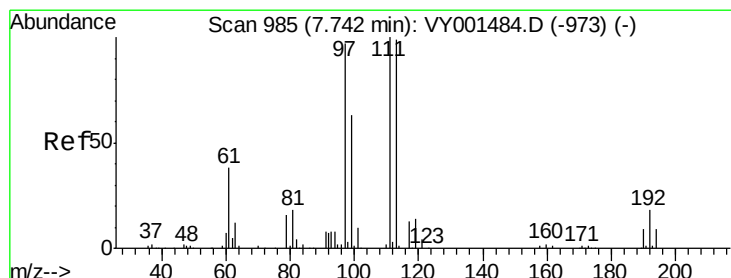
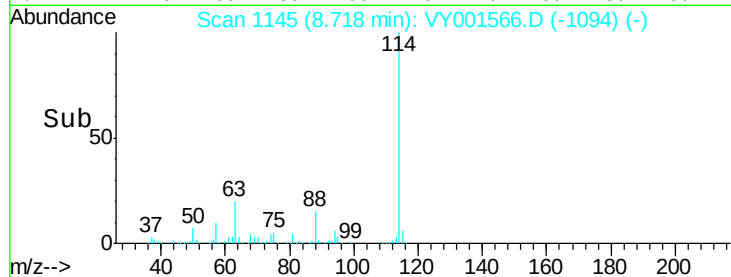
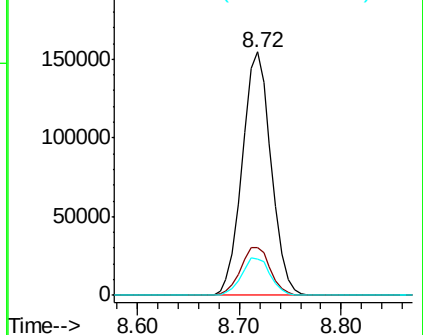
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001566.D
Acq: 07 Feb 2020 19:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.0	0.0	32.6

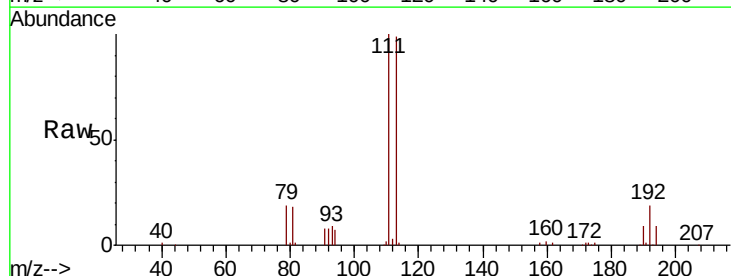


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

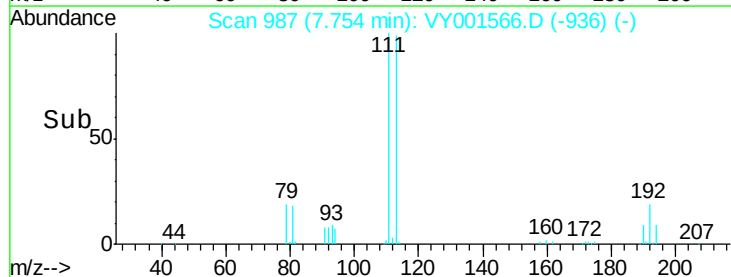
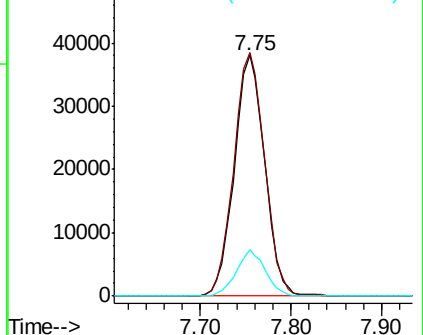


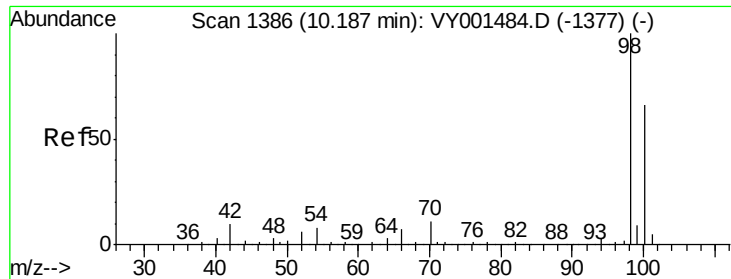
#35
Dibromofluoromethane
Concen: 50.415 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001566.D
Acq: 07 Feb 2020 19:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	18.3	14.6	22.0



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: 54.229 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001566.D

Acq: 07 Feb 2020 19:44

Instrument :

MSVOA_Y

ClientSampleId :

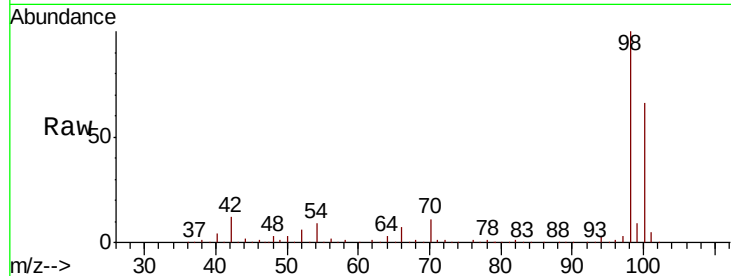
TP-4

Tot Ion: 98 Resp: 359553

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001484.D (-1377) (-)

10.20

250000

200000

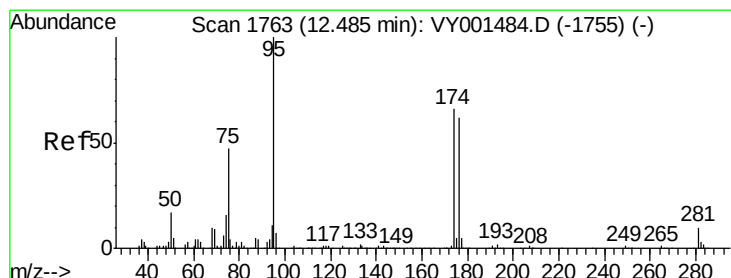
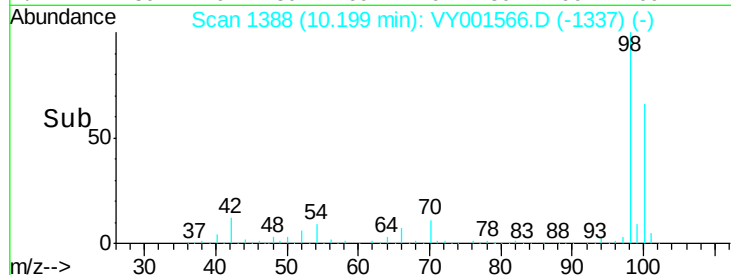
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.671 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001566.D

Acq: 07 Feb 2020 19:44

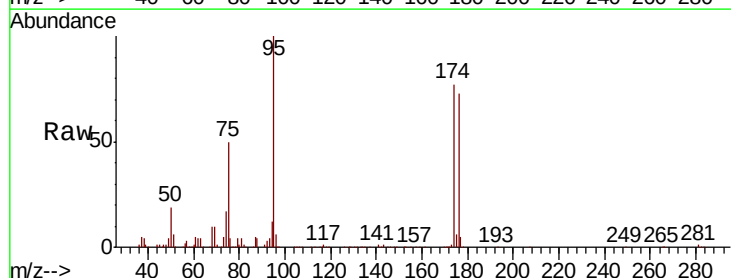
Tgt Ion: 95 Resp: 124515

Ion Ratio Lower Upper

95 100

174 74.7 0.0 141.4

176 72.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001484.D (-1755) (-)

12.50

100000

80000

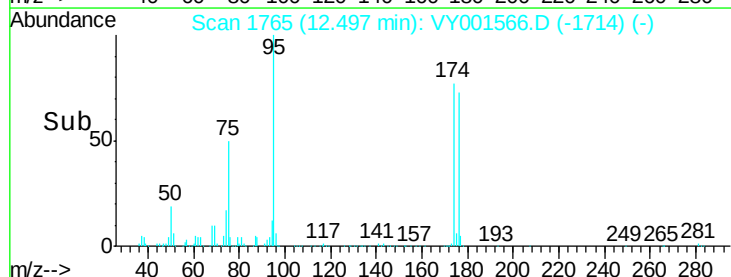
60000

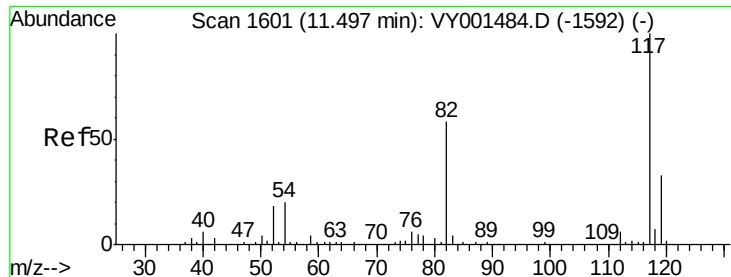
40000

20000

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Time-->

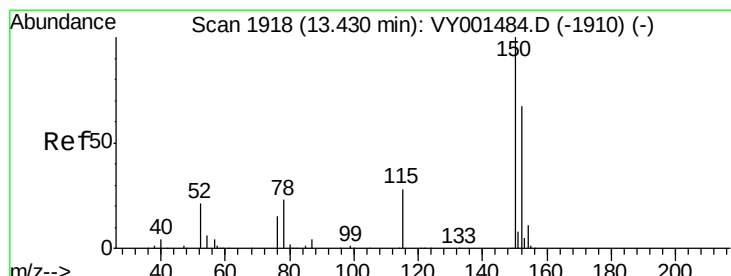
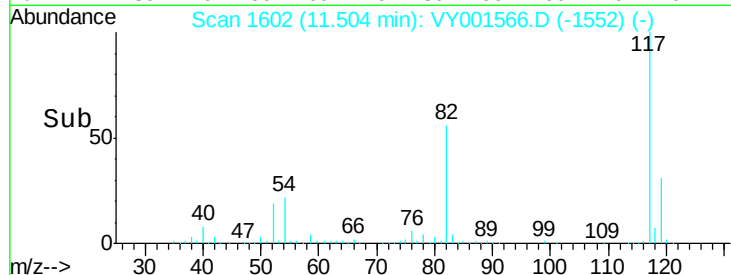
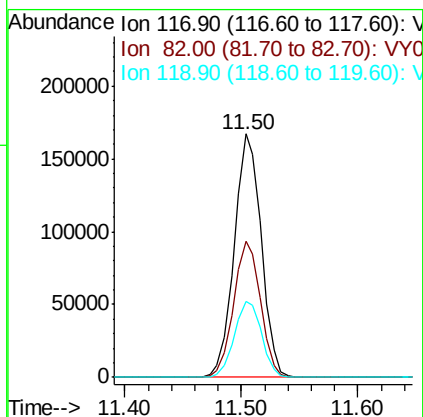
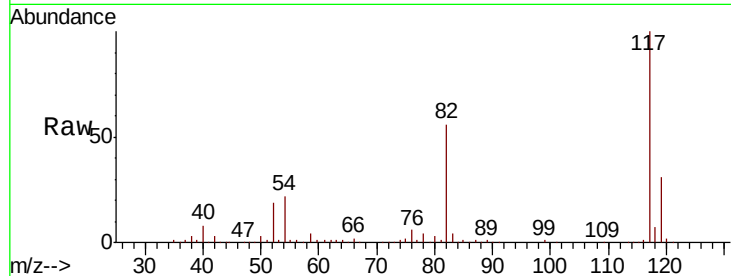




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001566.D
Acq: 07 Feb 2020 19:44

Instrument :
MSVOA_Y
ClientSampled :
TP-4

Tot Ion:117 Resp: 269050
Ion Ratio Lower Upper
117 100
82 55.8 46.1 69.1
119 31.2 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: VY001566.D
Acq: 07 Feb 2020 19:44

Tgt Ion:152 Resp: 123052
Ion Ratio Lower Upper
152 100
115 59.8 31.4 94.3
150 158.1 0.0 346.8

