

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002077.D
 Acq On : 25 Mar 2020 19:06
 Operator : SY/MD
 Sample : L2042-01
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-1.0-1.5

Quant Time: Mar 26 08:21:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	133800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	256039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105732	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	84435	59.11	ug/l	0.00
Spiked Amount			Recovery	=	118.22%	
35) Dibromofluoromethane	7.75	113	75867	54.26	ug/l	0.00
Spiked Amount			Recovery	=	108.52%	
50) Toluene-d8	10.20	98	315381	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.50	95	107714	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	

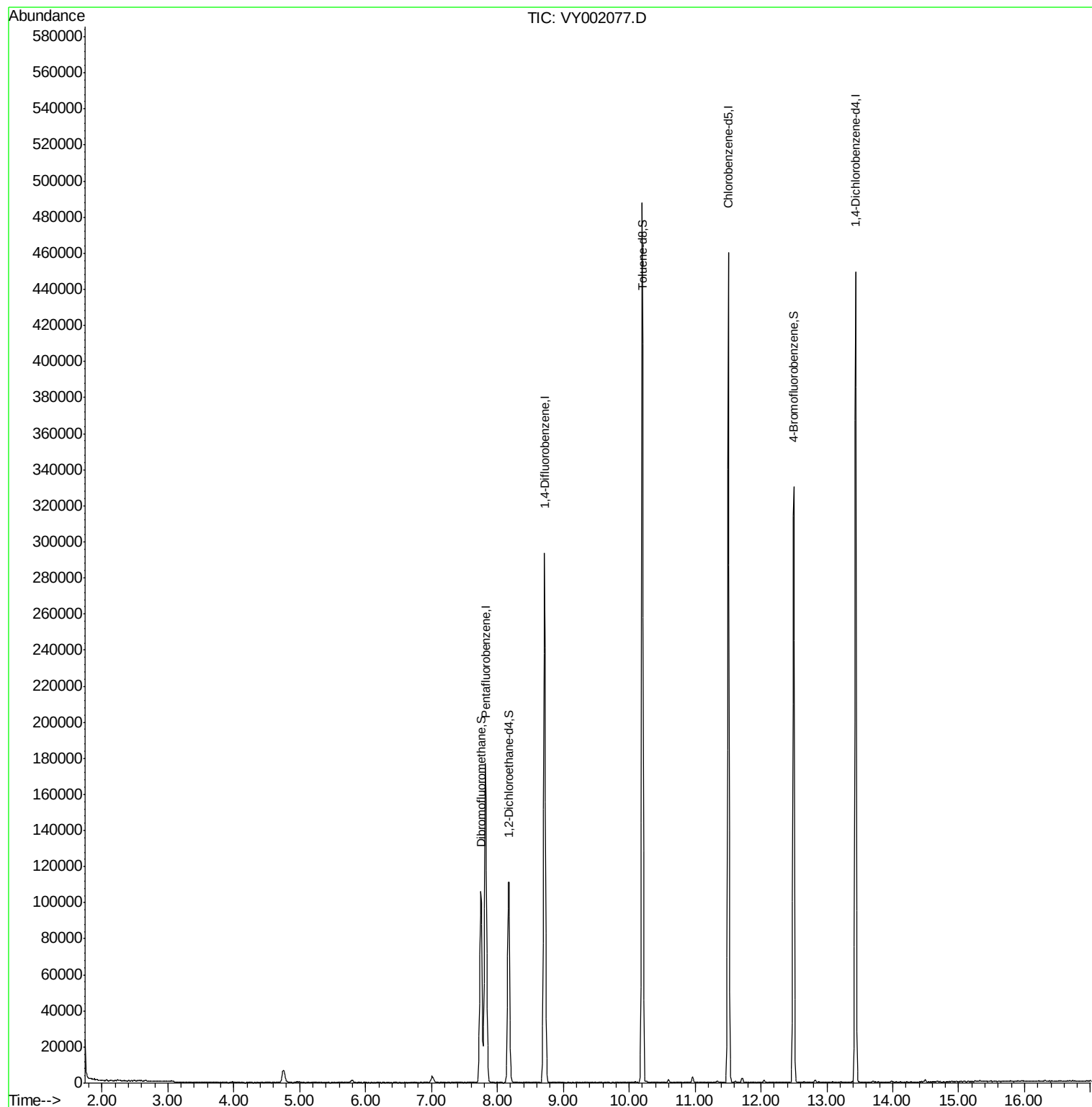
Target Compounds	Qvalue
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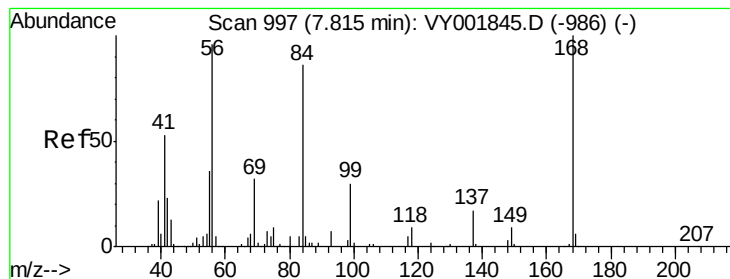
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002077.D

Acq: 25 Mar 2020 19:06

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MSVOA_Y

ClientSampleId :

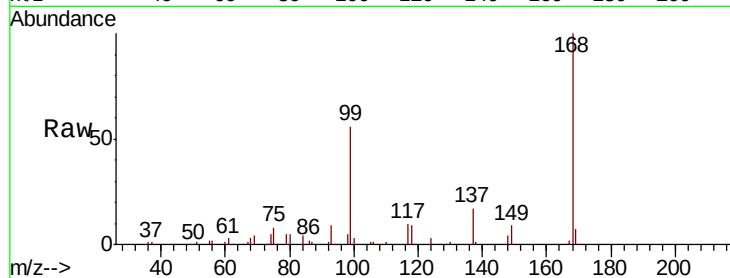
SB-01-1.0-1.5

Tot Ion:168 Resp: 133800

Ion Ratio Lower Upper

168 100

99 56.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

60000

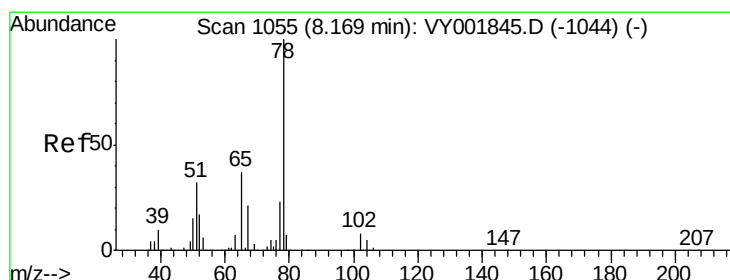
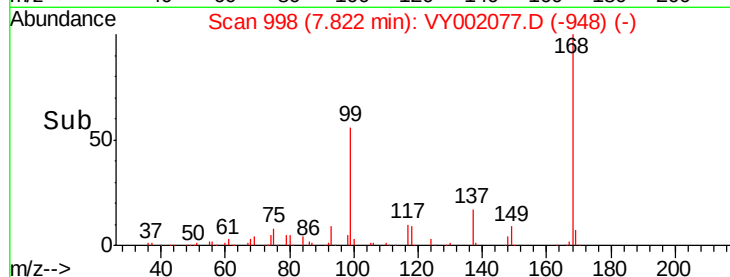
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 59.111 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002077.D

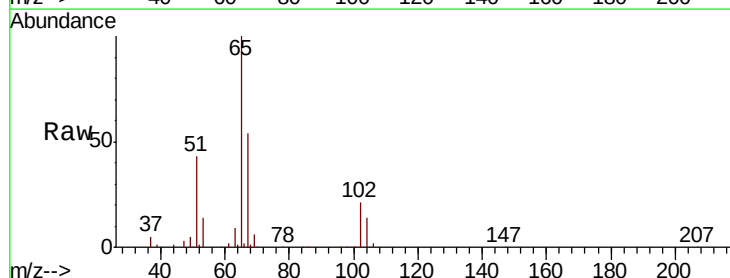
Acq: 25 Mar 2020 19:06

Tgt Ion: 65 Resp: 84435

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

8.17

40000

30000

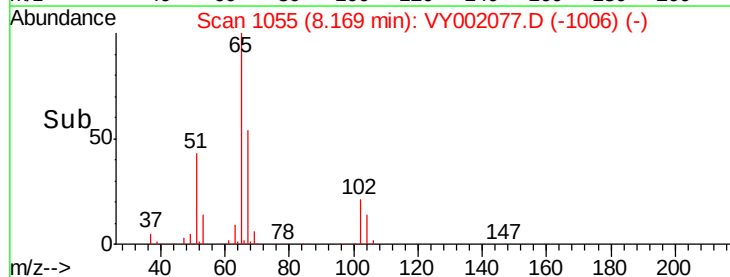
20000

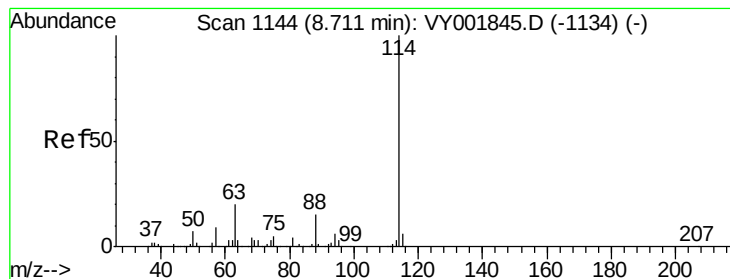
10000

0

Time-->

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: VY002077.D

Acq: 25 Mar 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-1.0-1.5

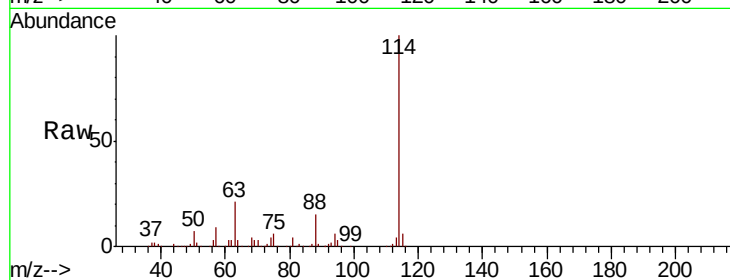
Tot Ion:114 Resp: 256039

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

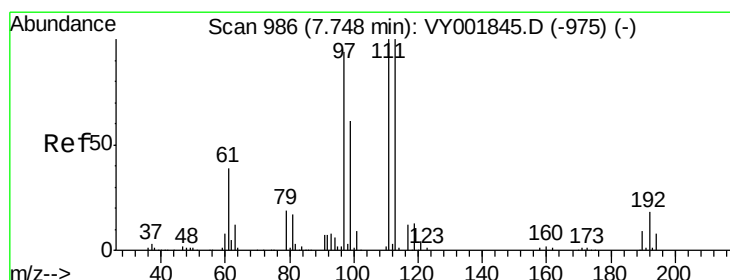
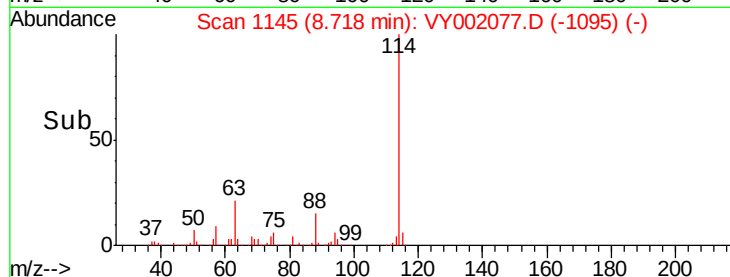
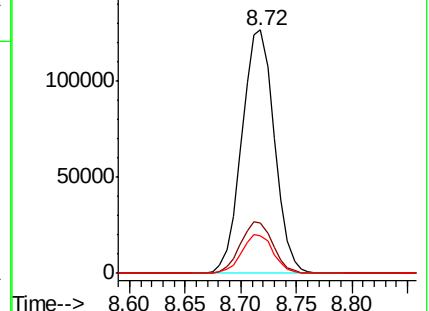
88 15.4 0.0 30.4



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: 54.265 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002077.D

Acq: 25 Mar 2020 19:06

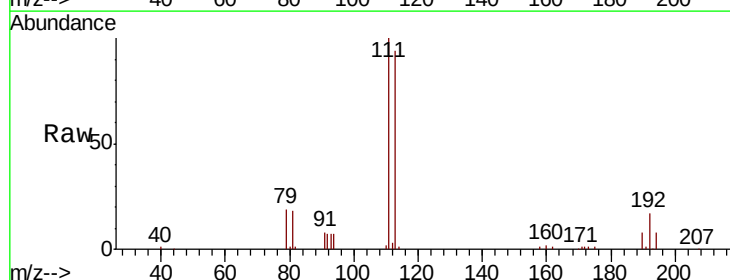
Tgt Ion:113 Resp: 75867

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

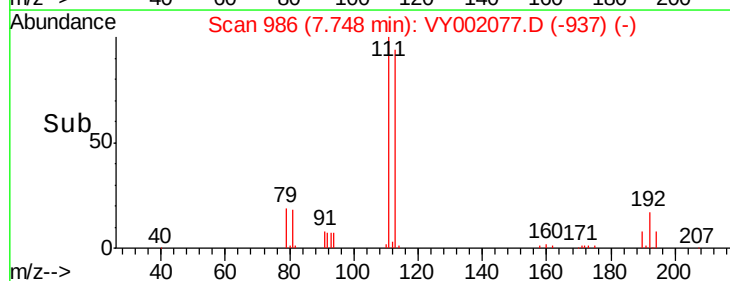
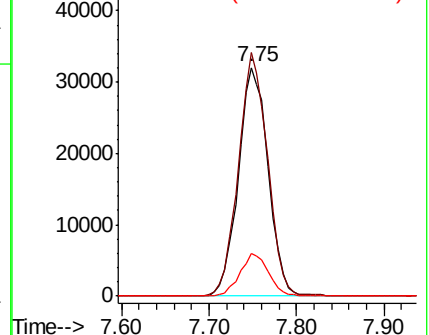
192 17.7 14.2 21.2

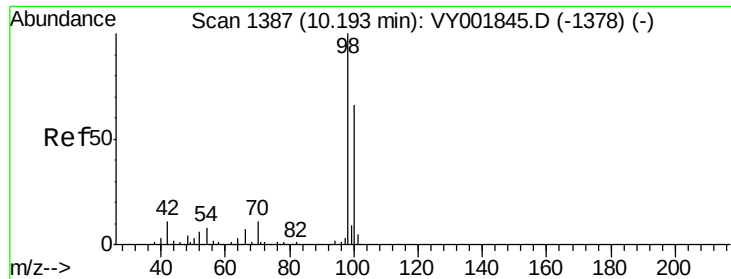


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.495 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002077.D

Acq: 25 Mar 2020 19:06

Instrument :

MSVOA_Y

ClientSampleId :

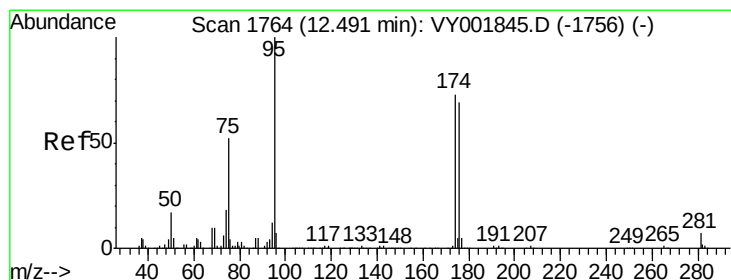
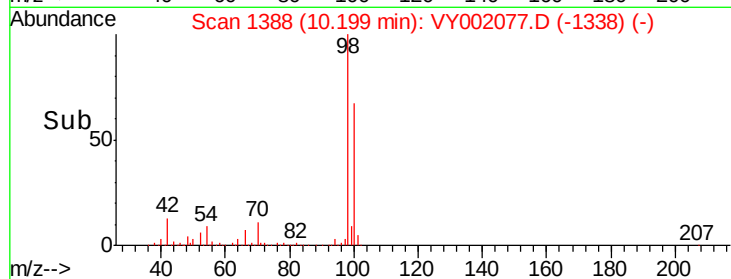
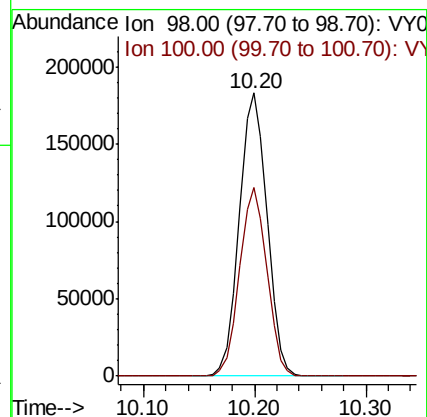
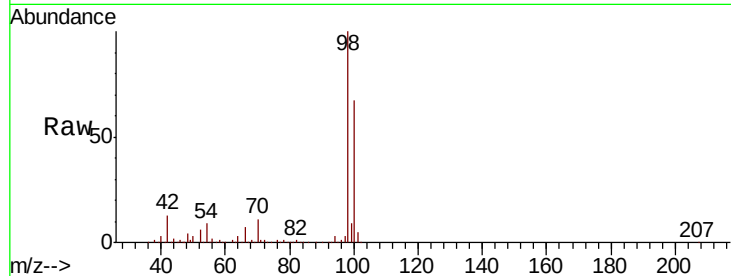
SB-01-1.0-1.5

Tot Ion: 98 Resp: 315381

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 52.545 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002077.D

Acq: 25 Mar 2020 19:06

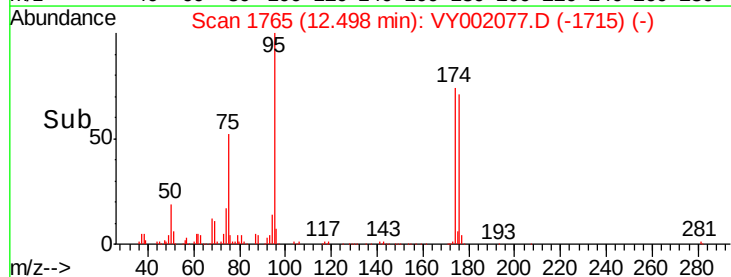
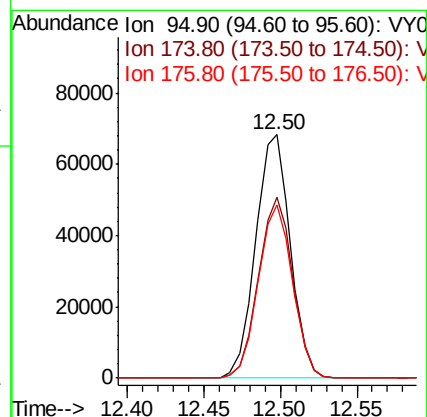
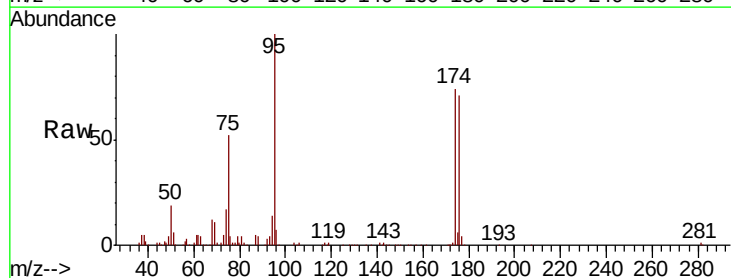
Tgt Ion: 95 Resp: 107714

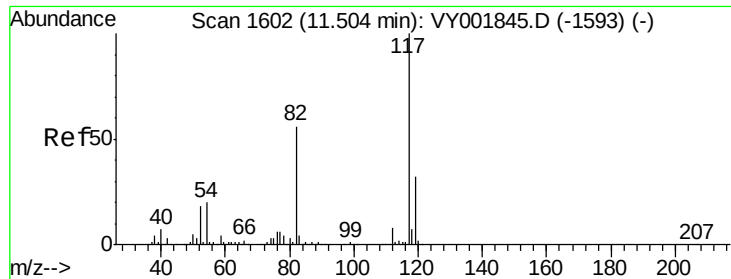
Ion Ratio Lower Upper

95 100

174 73.6 0.0 145.0

176 70.6 0.0 137.4

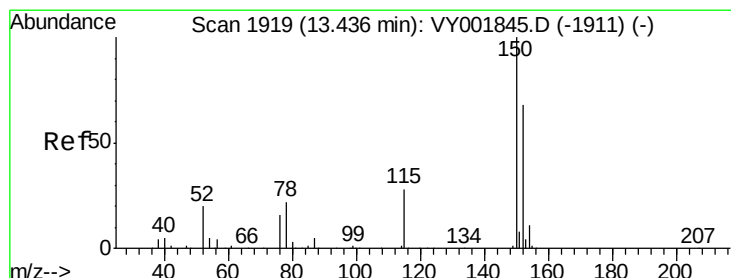
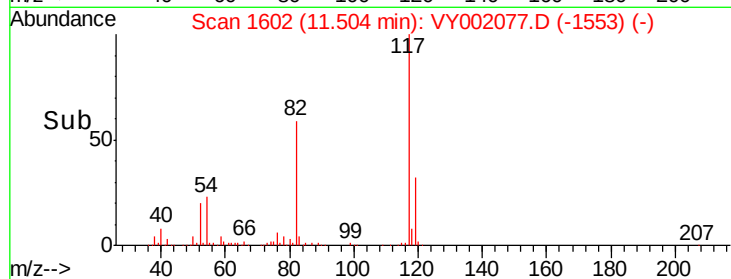
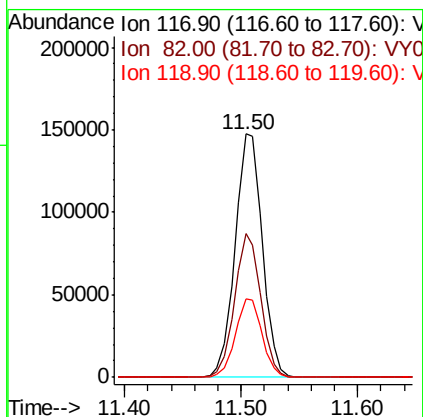
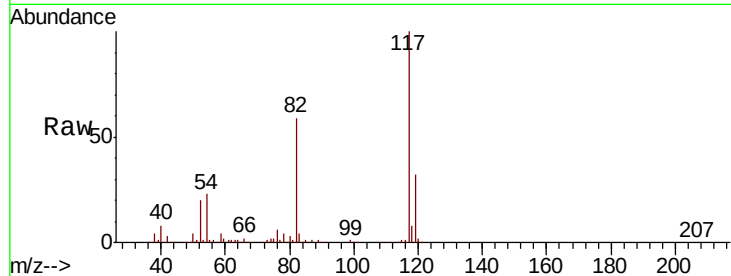




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-1.0-1.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	44.5	66.7
119	32.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002077.D
Acq: 25 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	29.9	89.7
150	156.6	0.0	340.6

