

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002797.D
 Acq On : 29 May 2020 12:13
 Operator : SY/MD
 Sample : L2503-11
 Misc : 7.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-052820

Quant Time: May 30 04:13:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	390204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	354964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165107	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118192	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
35) Dibromofluoromethane	7.72	113	118696	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	10.18	98	456625	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.48	95	144115	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

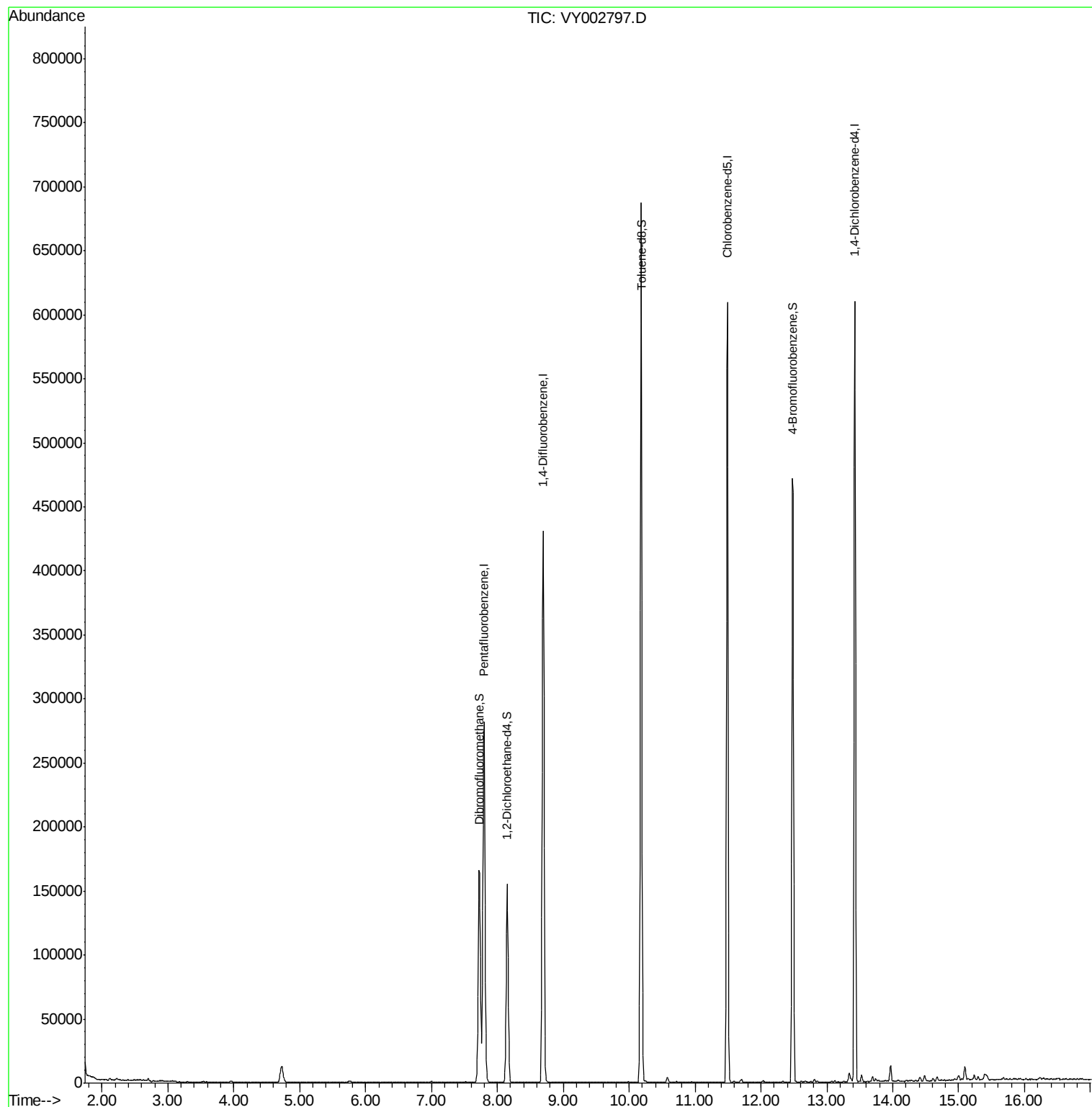
Target Compounds	Qvalue
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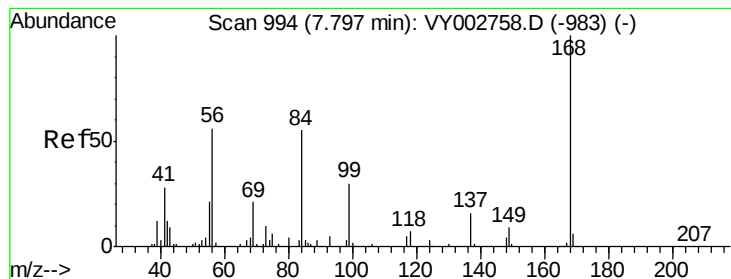
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

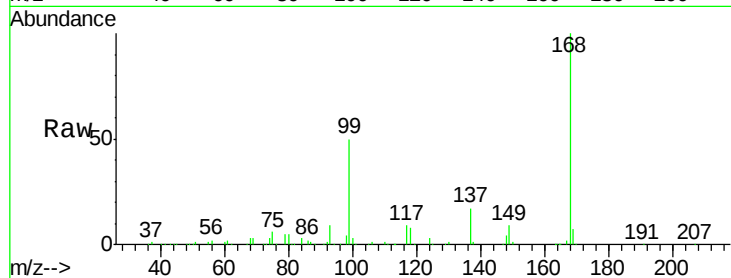
OR-03-052820

Tgt Ion:168 Resp: 239655

Ion Ratio Lower Upper

168 100

99 50.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002797.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002797.D (-945) (-)

7.80

100000

80000

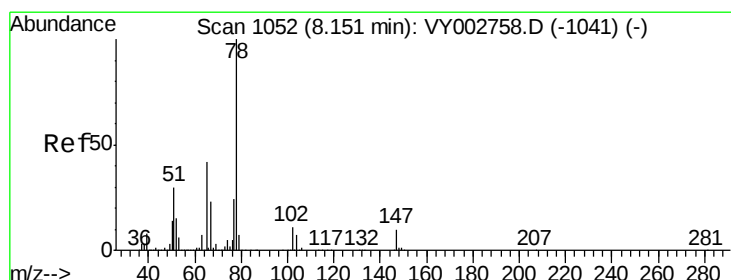
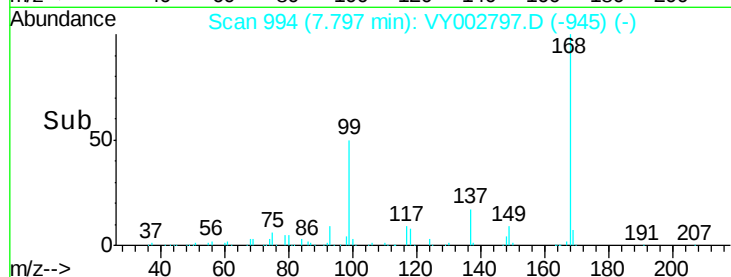
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.80 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002797.D

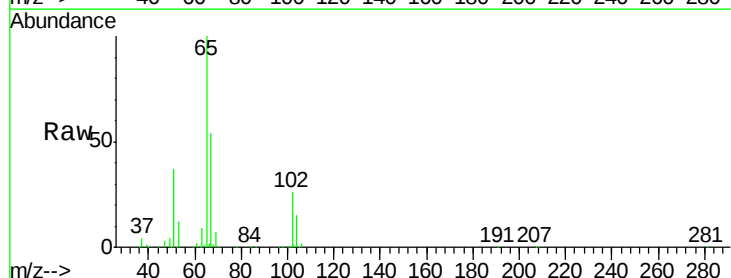
Acq: 29 May 2020 12:13

Tgt Ion: 65 Resp: 118192

Ion Ratio Lower Upper

65 100

67 54.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002797.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002797.D (-1003) (-)

8.15

60000

50000

40000

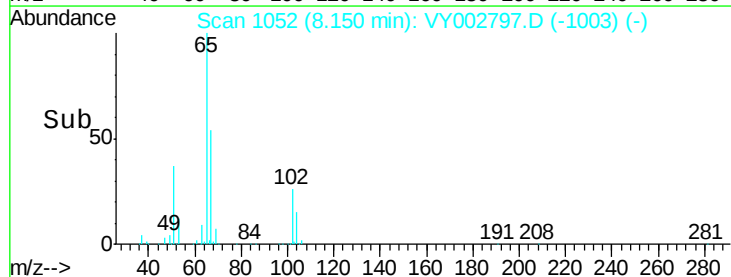
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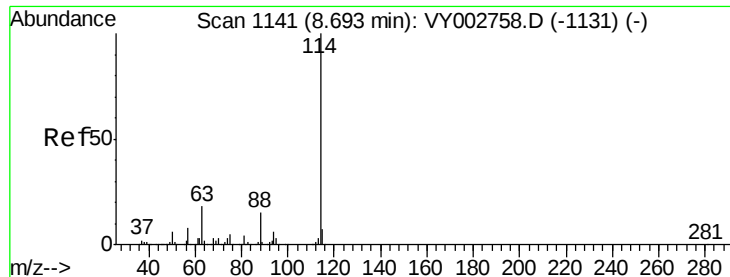
20000

10000

0

Time-->

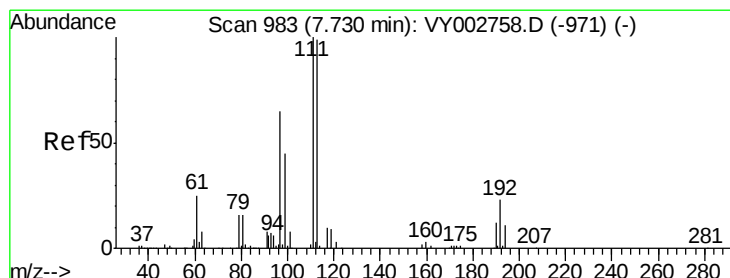
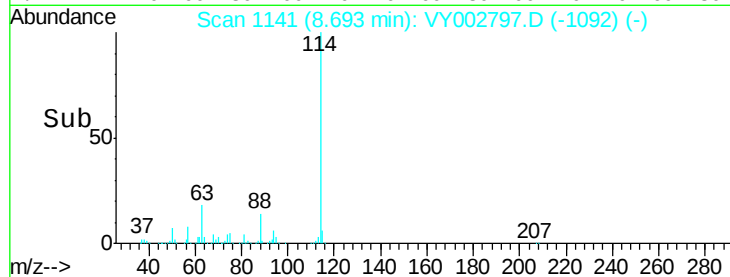
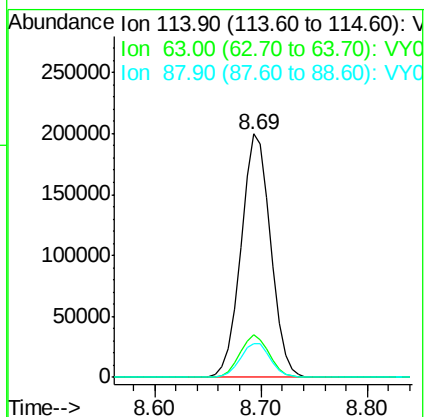
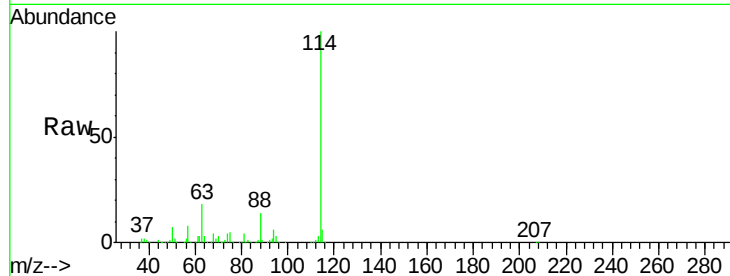




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002797.D
 Acq: 29 May 2020 12:13

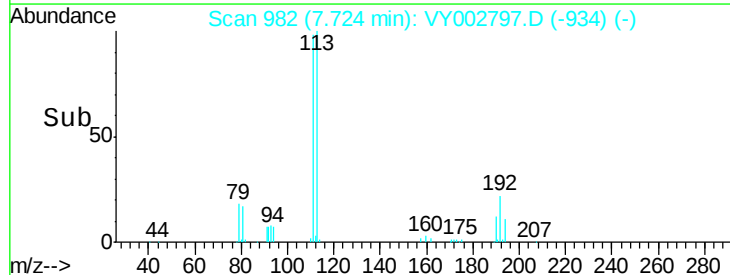
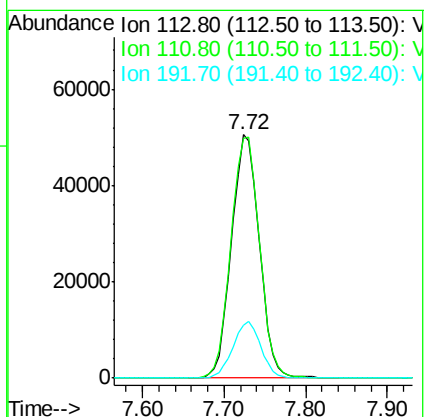
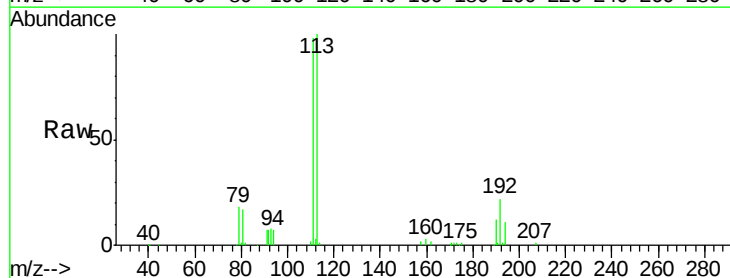
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-052820

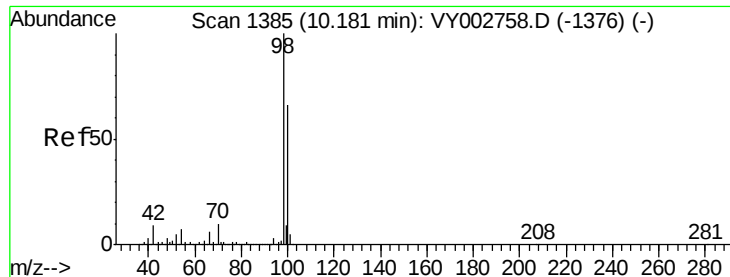
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.2
88	14.0	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 51.91 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002797.D
 Acq: 29 May 2020 12:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.2	18.9	28.3





#50

Toluene-d8

Concen: 49.39 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

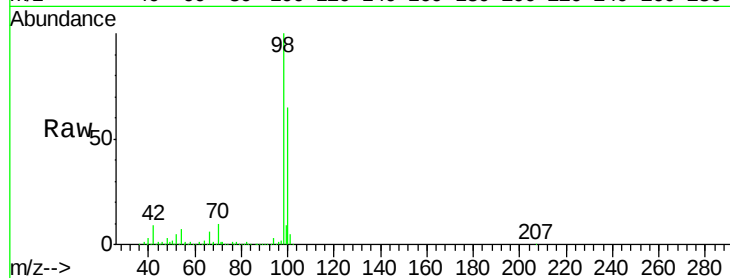
OR-03-052820

Tgt Ion: 98 Resp: 456625

Ion Ratio Lower Upper

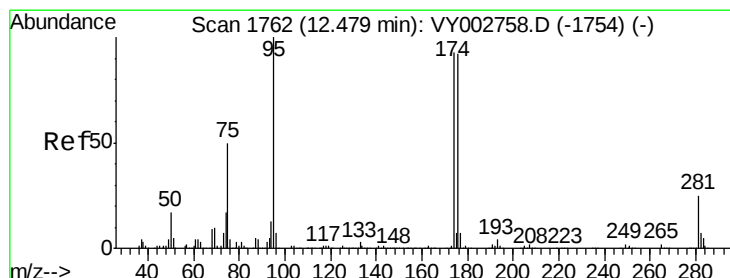
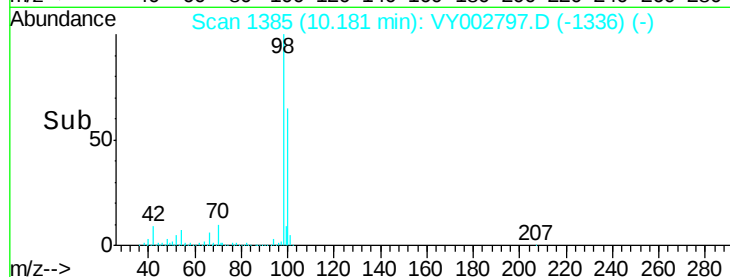
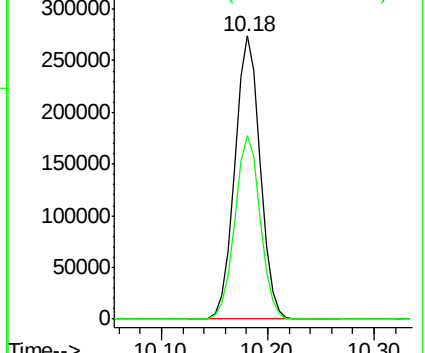
98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 45.61 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002797.D

Acq: 29 May 2020 12:13

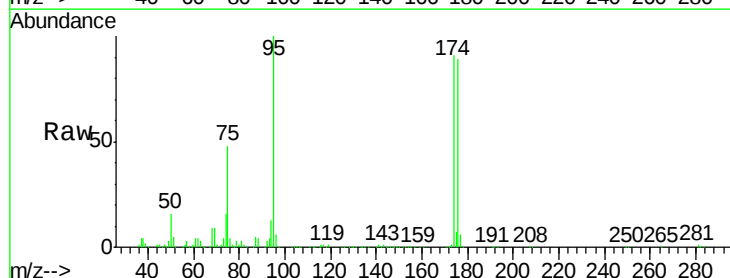
Tgt Ion: 95 Resp: 144115

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.2

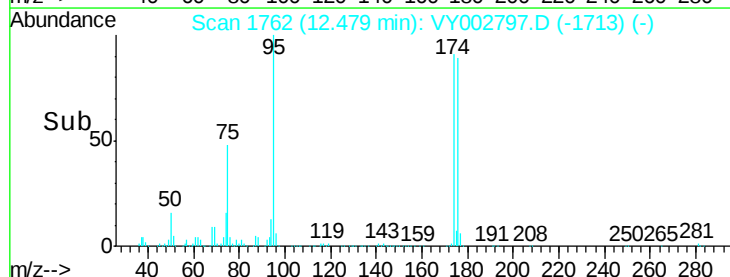
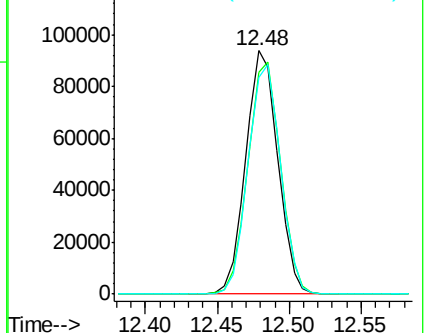
176 95.3 0.0 188.8

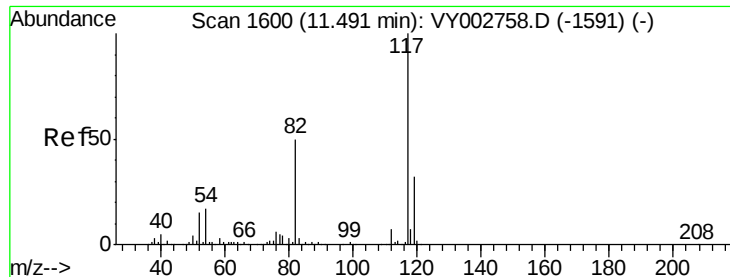


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

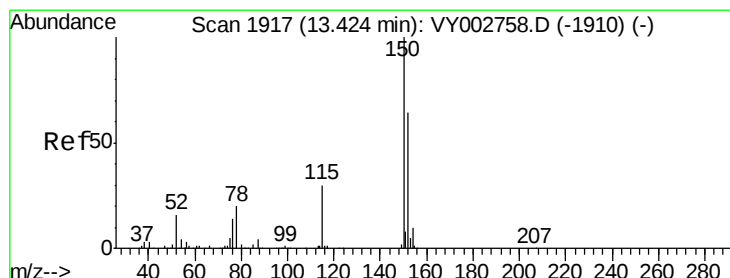
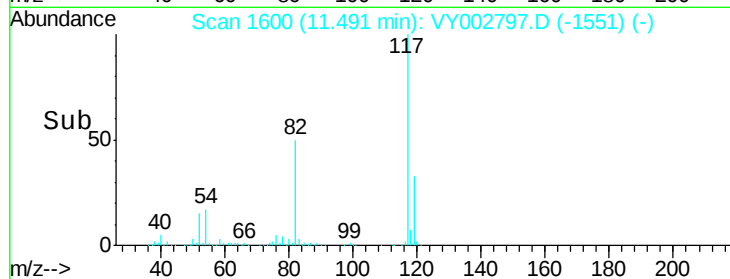
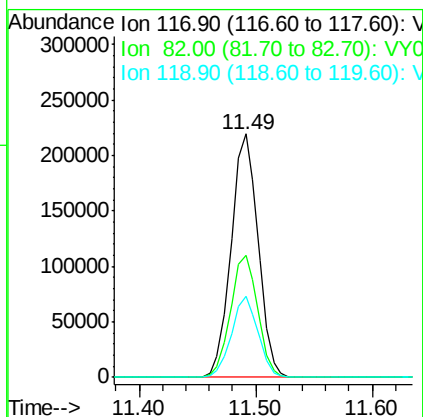
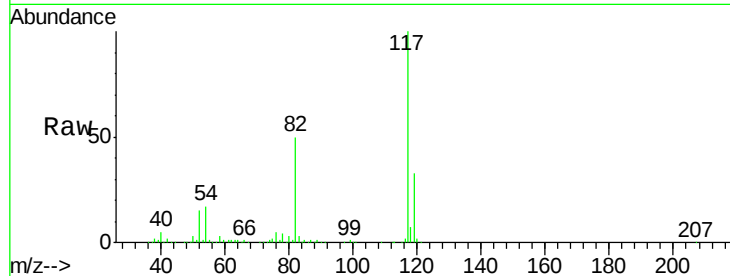




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002797.D
Acq: 29 May 2020 12:13

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-052820

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.2	60.4
119	33.1	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002797.D
Acq: 29 May 2020 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	81.0
150	159.4	0.0	344.8

