

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002855.D
 Acq On : 05 Jun 2020 17:49
 Operator : SY/MD
 Sample : L2890-05
 Misc : 6.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24245

Quant Time: Jun 06 08:31:06 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	281806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	450080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	363524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	126684	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	130576	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	7.73	113	139895	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	10.18	98	516398	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.48	95	134025	36.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.54%	

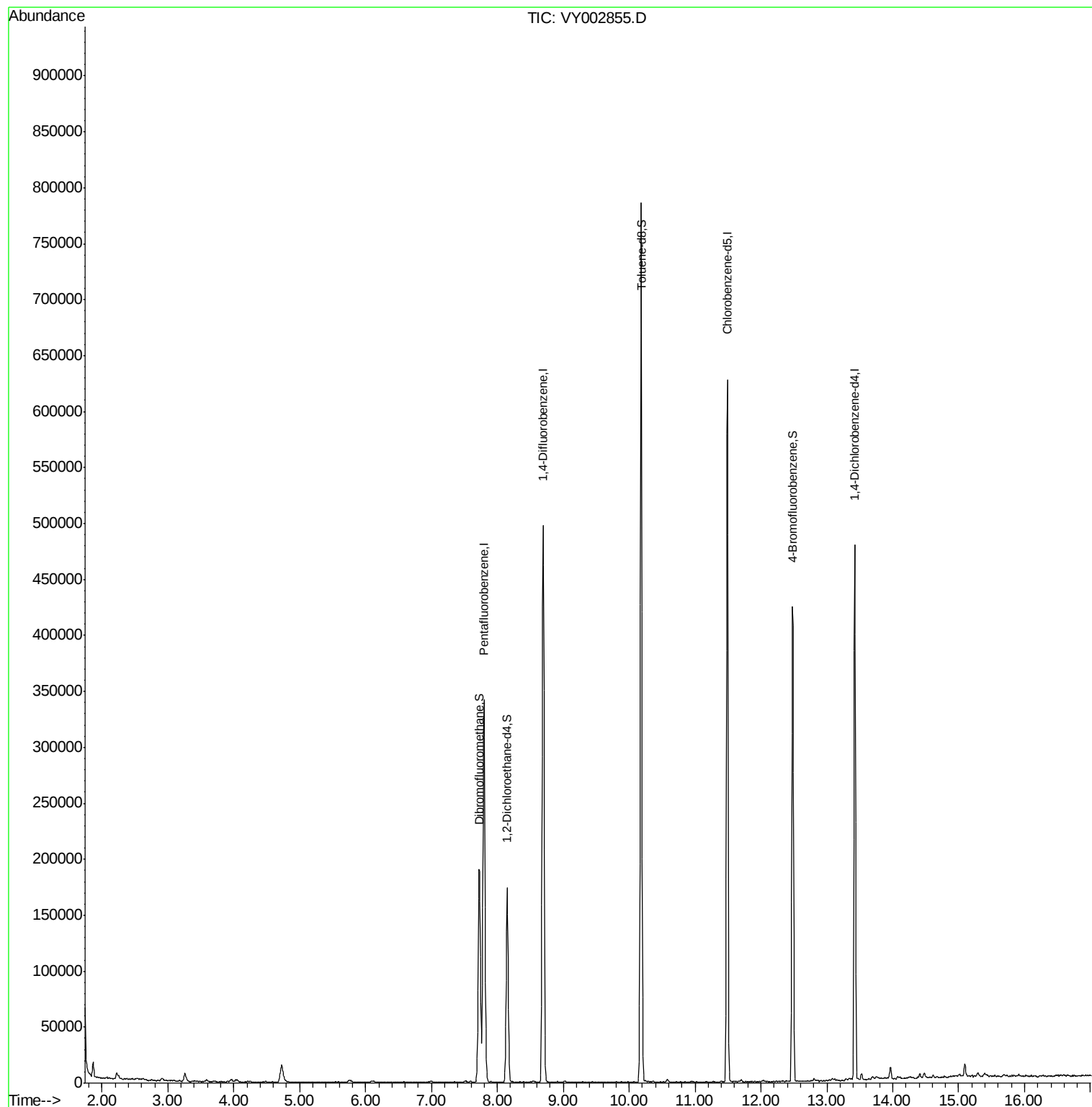
Target Compounds	Qvalue
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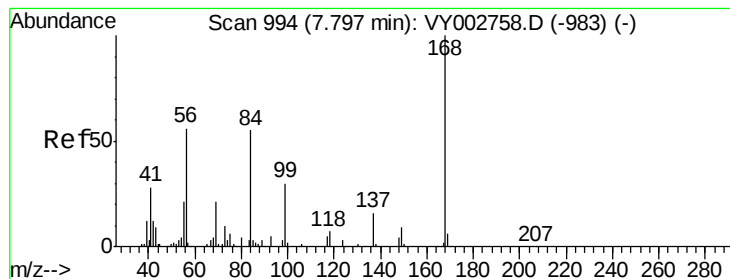
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002855.D

Acq: 05 Jun 2020 17:49

Instrument :

MSVOA_Y

ClientSampleId :

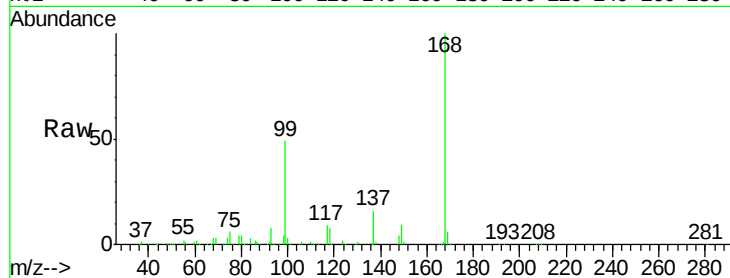
CHRT-24245

Tot Ion:168 Resp: 281806

Ion Ratio Lower Upper

168 100

99 49.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002855.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002855.D (-945) (-)

7.80

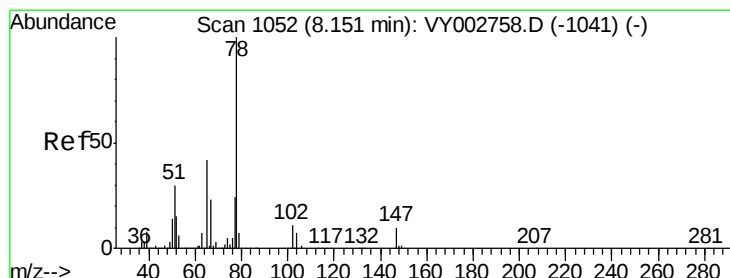
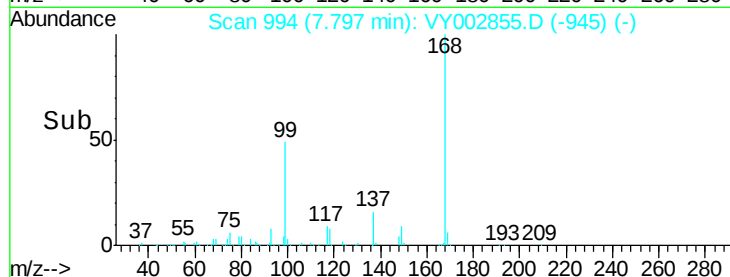
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.365 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002855.D

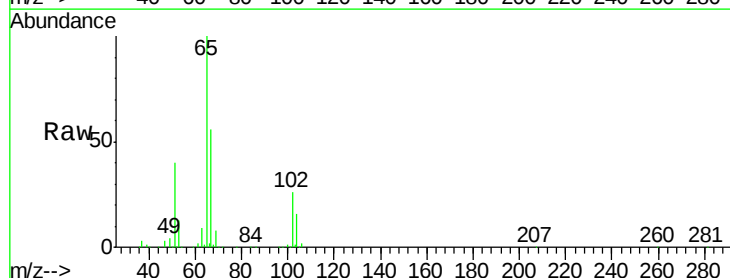
Acq: 05 Jun 2020 17:49

Tgt Ion: 65 Resp: 130576

Ion Ratio Lower Upper

65 100

67 56.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002855.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002855.D (-1003) (-)

8.15

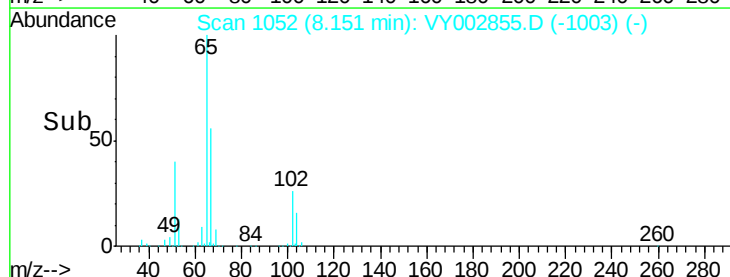
60000

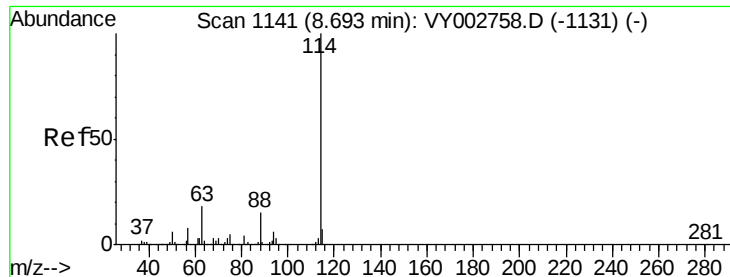
40000

20000

0

Time-->

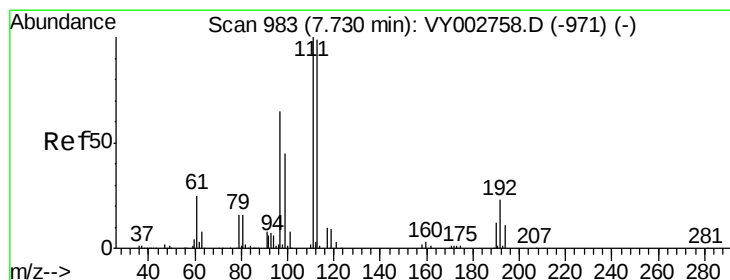
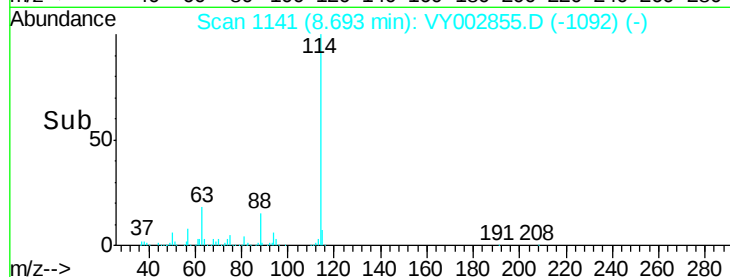
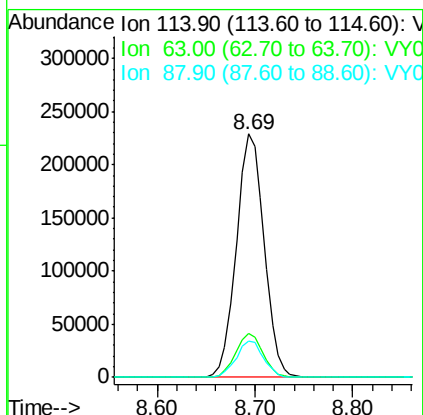
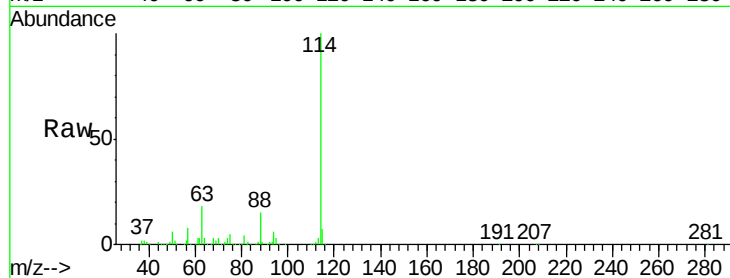




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002855.D
 Acq: 05 Jun 2020 17:49

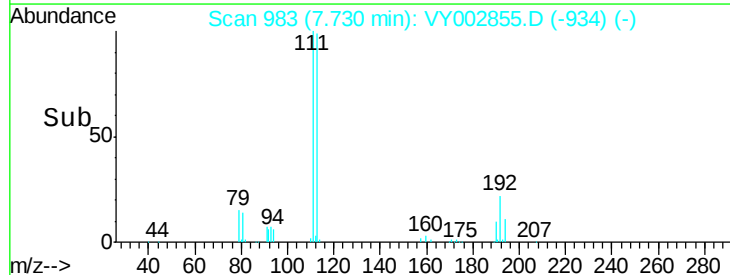
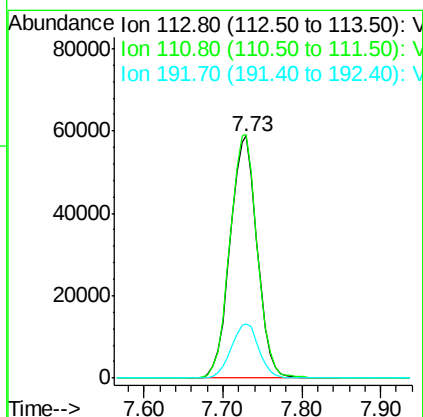
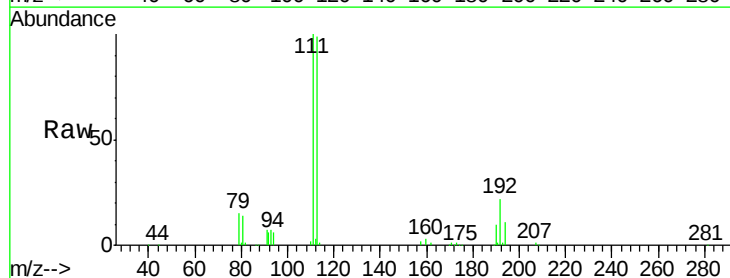
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24245

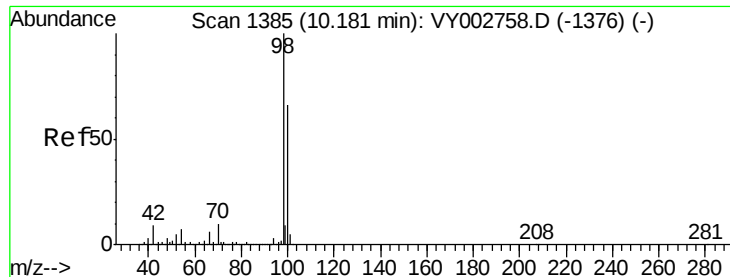
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	15.1	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 53.037 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY002855.D
 Acq: 05 Jun 2020 17:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	22.9	18.9	28.3





#50

Toluene-d8

Concen: 48.420 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002855.D

Acq: 05 Jun 2020 17:49

Instrument :

MSVOA_Y

ClientSampleId :

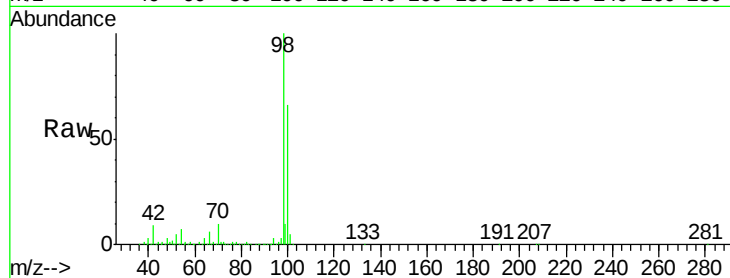
CHRT-24245

Tot Ion: 98 Resp: 516398

Ion Ratio Lower Upper

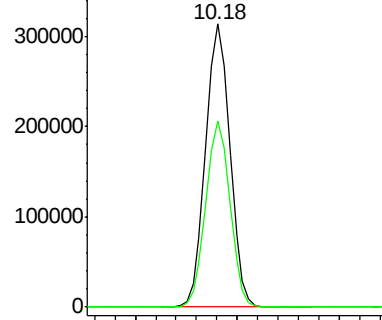
98 100

100 65.4 52.2 78.2

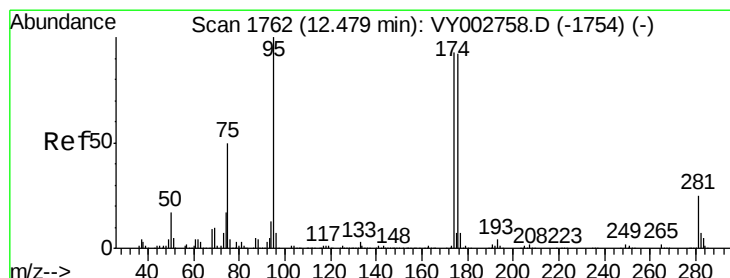
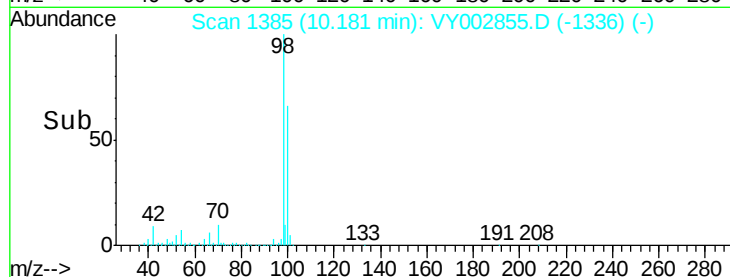


Abundance Ion 98.00 (97.70 to 98.70): VY002758.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY002758.D (-1376) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 36.772 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002855.D

Acq: 05 Jun 2020 17:49

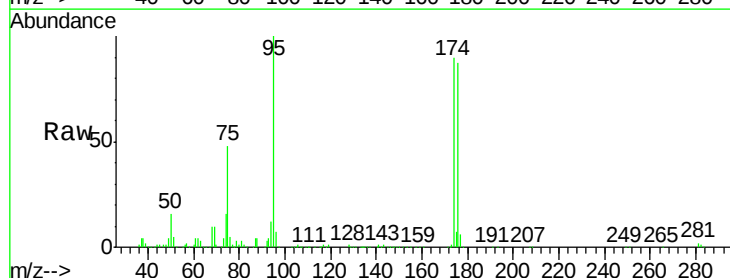
Tgt Ion: 95 Resp: 134025

Ion Ratio Lower Upper

95 100

174 92.2 0.0 191.2

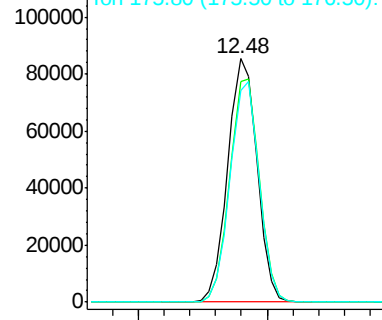
176 90.2 0.0 188.8



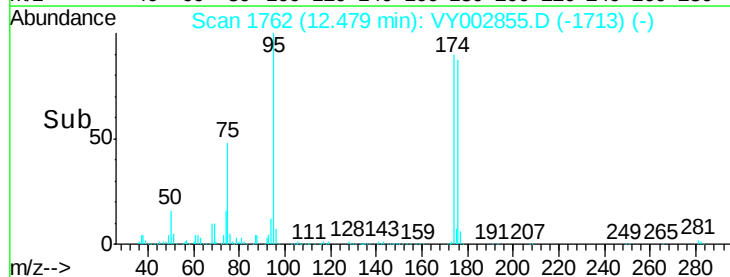
Abundance Ion 94.90 (94.60 to 95.60): VY002758.D (-1754) (-)

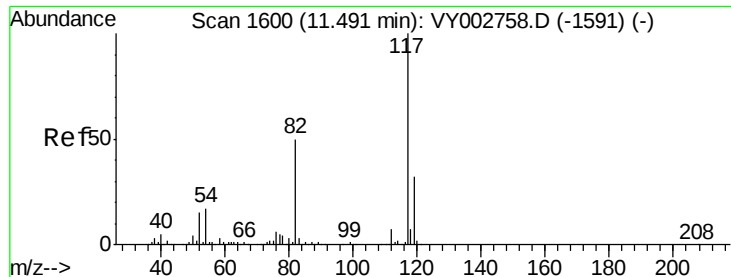
Ion 173.80 (173.50 to 174.50): VY002758.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002758.D (-1754) (-)



Time-->

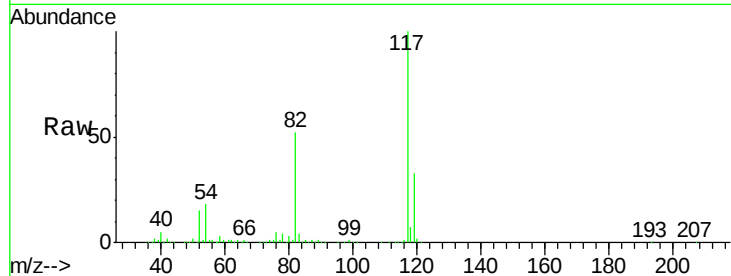




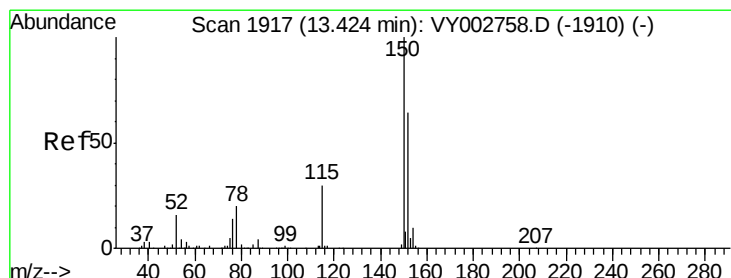
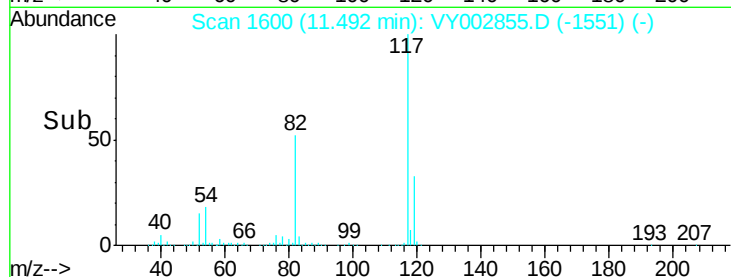
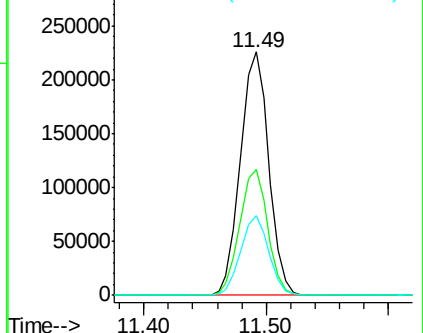
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002855.D
Acq: 05 Jun 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24245

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.2	60.4
119	32.9	25.8	38.8

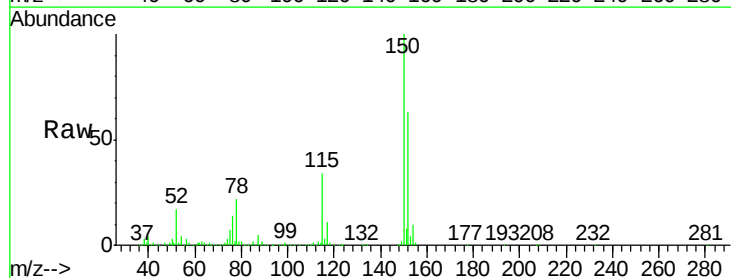


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002855.D
Acq: 05 Jun 2020 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.0	81.0
150	157.5	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

