

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002849.D
 Acq On : 05 Jun 2020 15:26
 Operator : SY/MD
 Sample : L2890-01
 Misc : 6.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26160

Quant Time: Jun 06 07:58:15 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

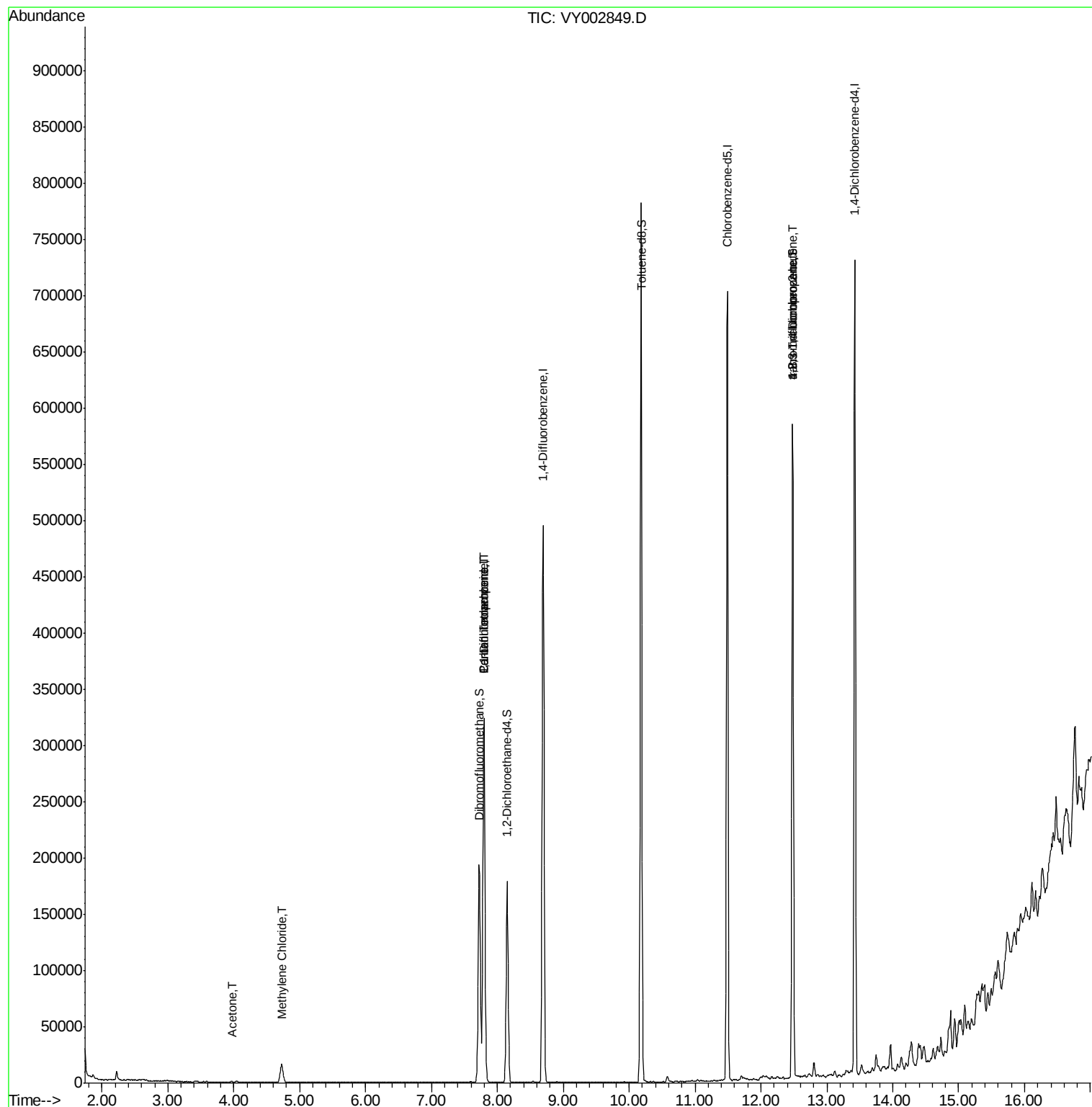
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	277695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	451262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	412959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135398	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
35) Dibromofluoromethane	7.72	113	138156	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
50) Toluene-d8	10.18	98	527661	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.48	95	173763	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	93	Below Cal	#	74
16) Acetone	3.97	43	1247	2.206	ug/l	92
18) Methyl Acetate	4.49	43	651	Below Cal	#	73
20) Methylene Chloride	4.72	84	12906	4.671	ug/l	94
36) 1,1-Dichloropropene	7.80	75	16950	4.459	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24424	5.784	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	83897	47.739	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83897	89.941	ug/l #	17

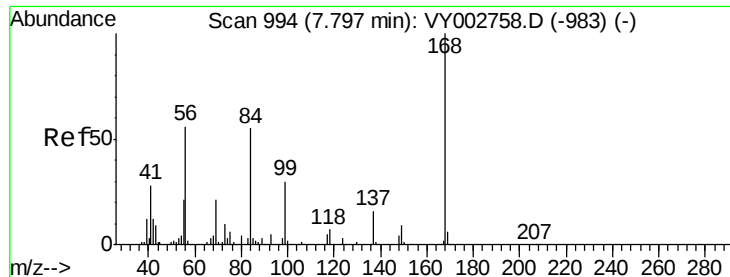
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
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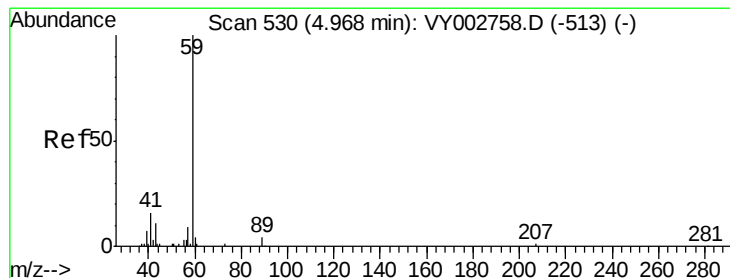
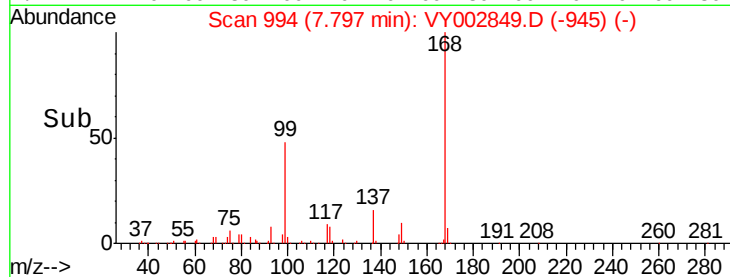
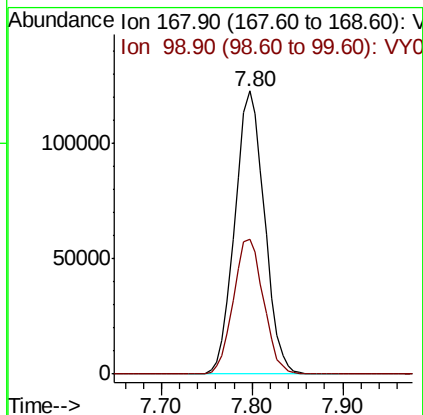
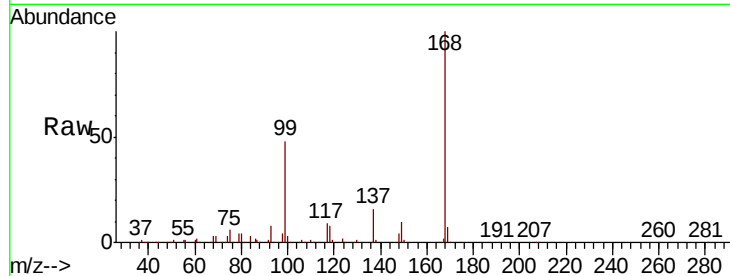


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY002849.D
 Acq: 05 Jun 2020 15:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26160

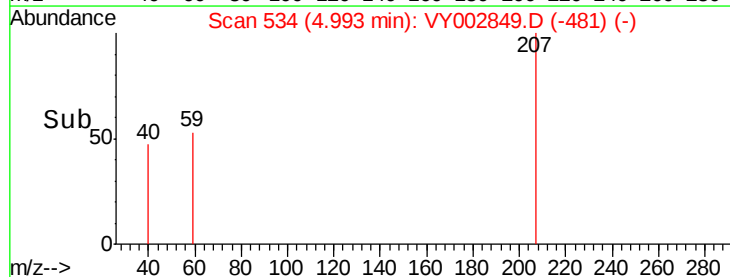
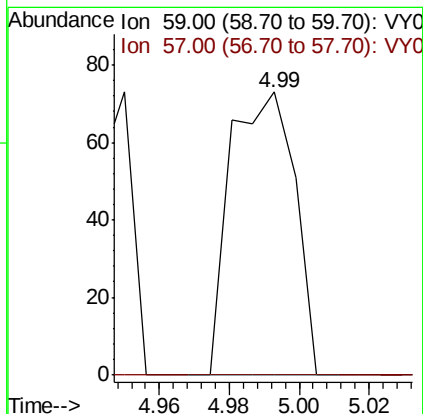
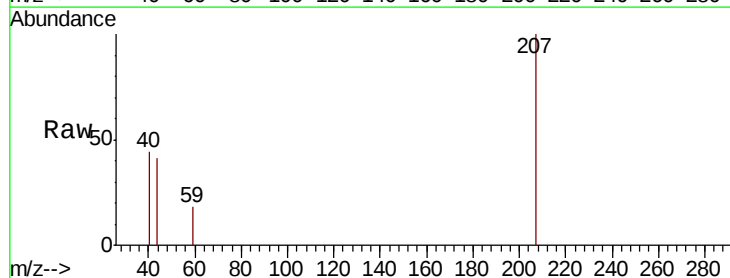
Tot Ion:168 Resp: 277695
 Ion Ratio Lower Upper
 168 100
 99 47.6 39.0 58.4

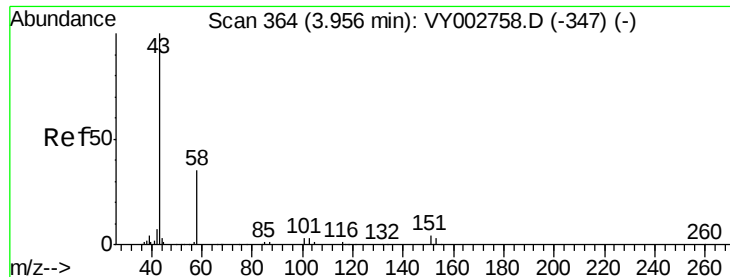


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY002849.D
 Acq: 05 Jun 2020 15:26

Tgt Ion: 59 Resp: 93
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.206 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY002849.D

Acq: 05 Jun 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

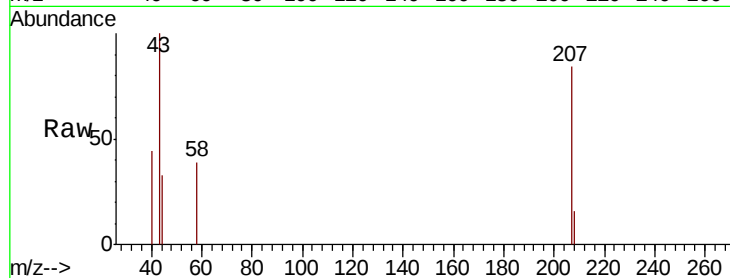
CHRT-26160

Tot Ion: 43 Resp: 1247

Ion Ratio Lower Upper

43 100

58 39.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

400

300

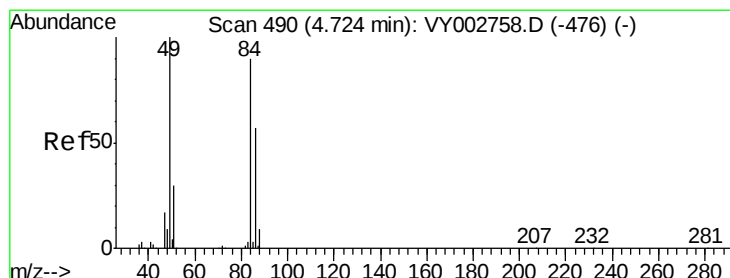
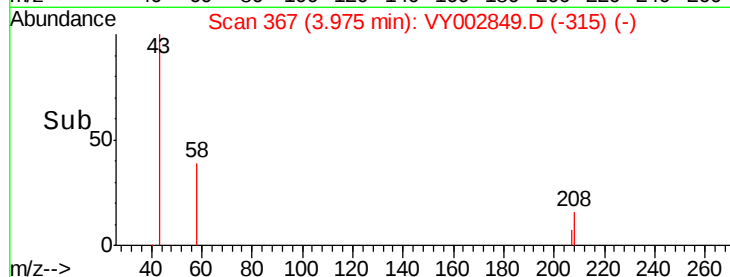
200

100

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 4.671 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002849.D

Acq: 05 Jun 2020 15:26

Tgt Ion: 84 Resp: 12906

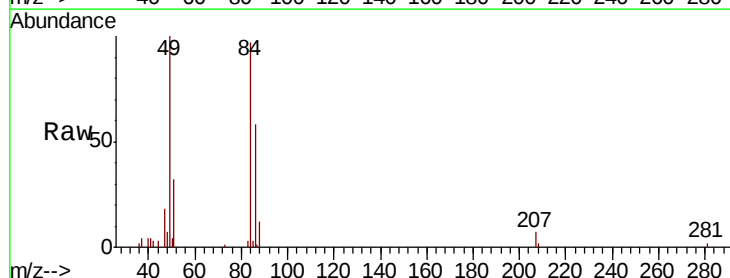
Ion Ratio Lower Upper

84 100

49 102.7 88.5 132.7

51 32.4 26.8 40.2

86 59.5 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

6000

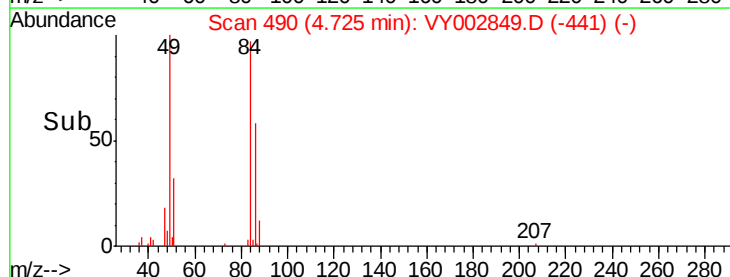
4000

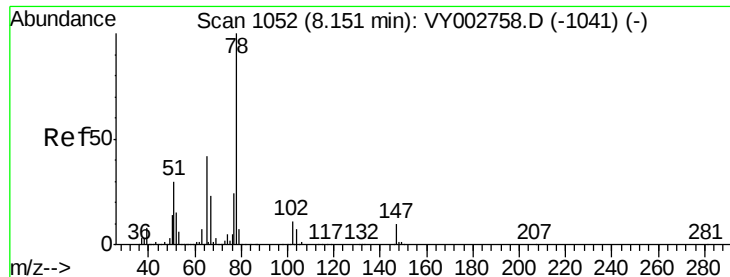
2000

0

4.60 4.70 4.80

Time-->

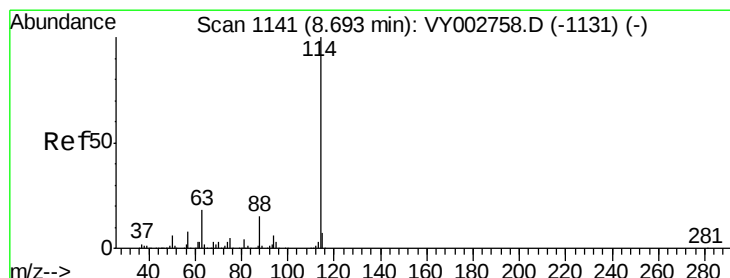
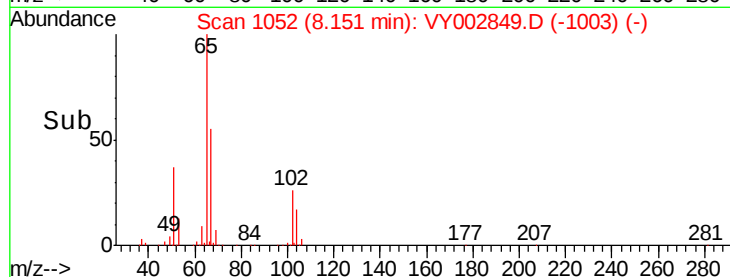
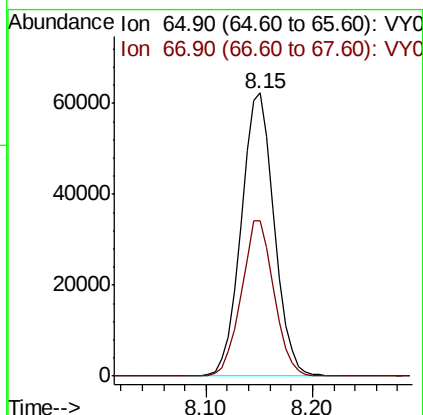
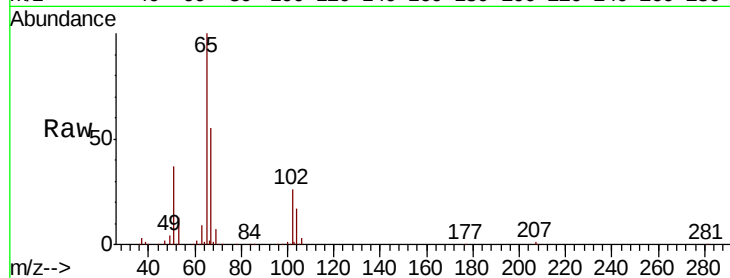




#33
 1,2-Dichloroethane-d4
 Concen: 56.155 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002849.D
 Acq: 05 Jun 2020 15:26

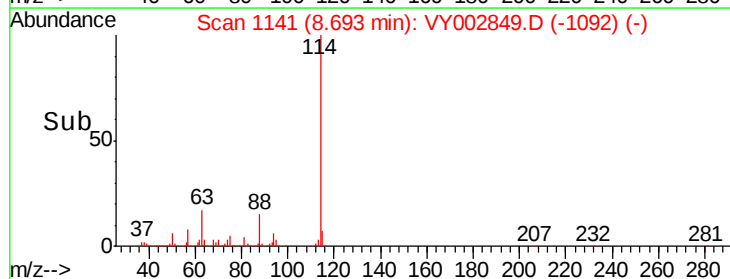
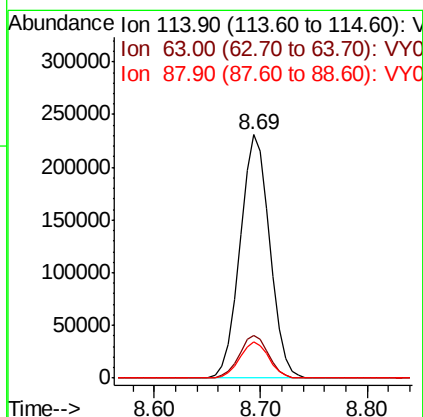
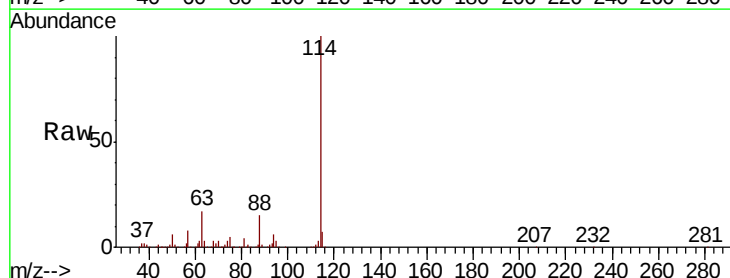
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26160

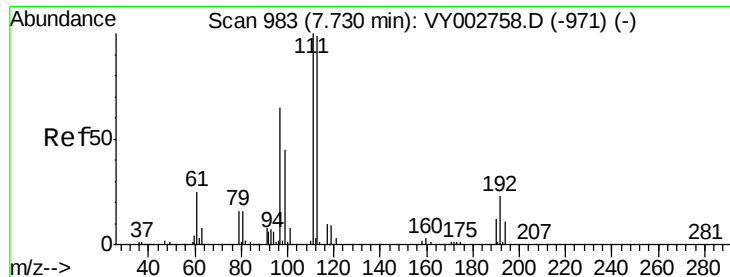
Tot Ion: 65 Resp: 135398
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002849.D
 Acq: 05 Jun 2020 15:26

Tgt Ion: 114 Resp: 451262
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.6 0.0 29.2

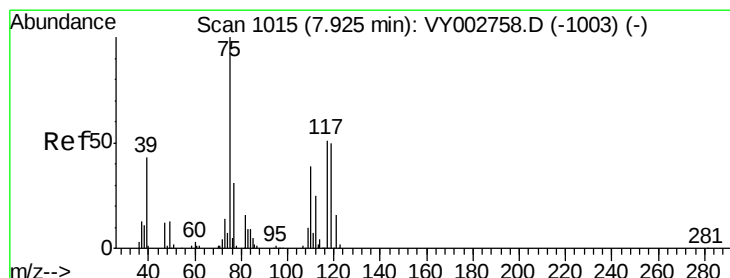
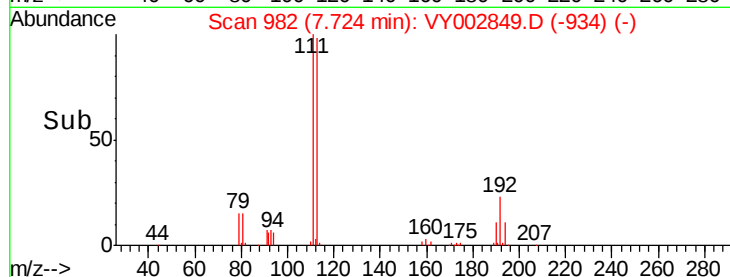
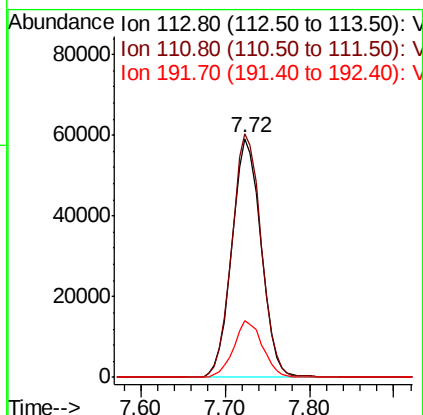
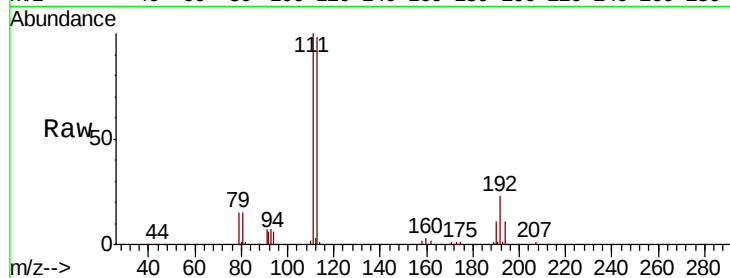




#35
 Dibromofluoromethane
 Concen: 52.240 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002849.D
 Acq: 05 Jun 2020 15:26

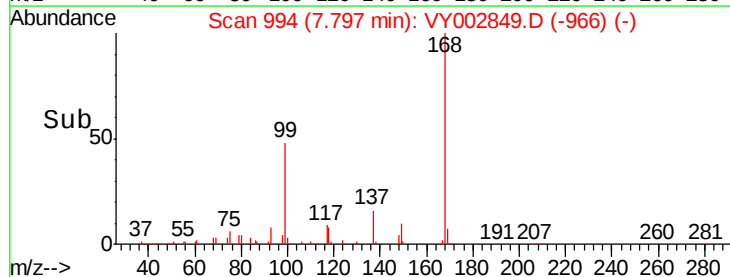
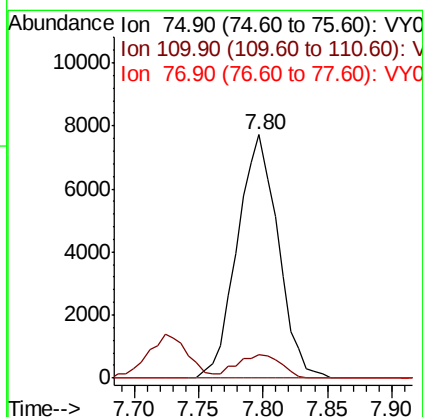
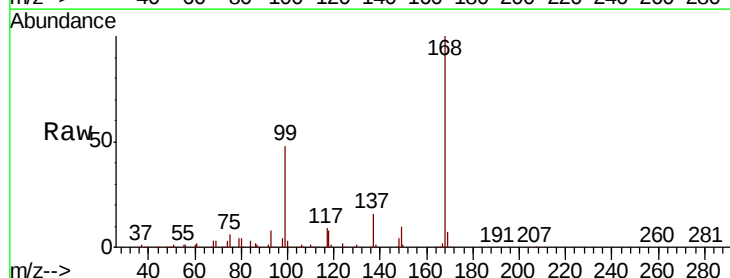
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26160

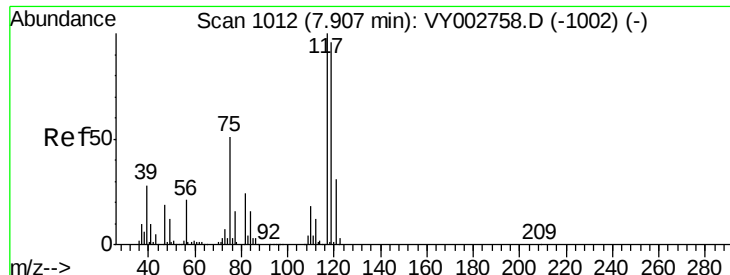
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.459 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002849.D
 Acq: 05 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.784 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002849.D

Acq: 05 Jun 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26160

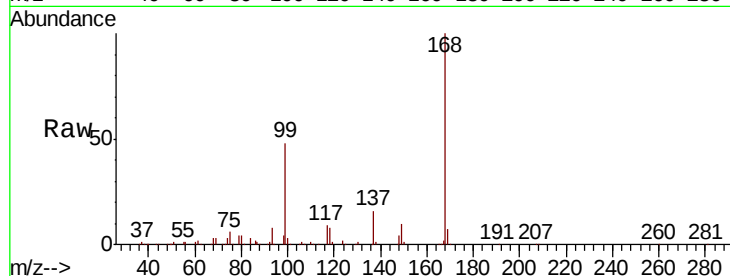
Tot Ion:117 Resp: 24424

Ion Ratio Lower Upper

117 100

119 6.7 76.8 115.2#

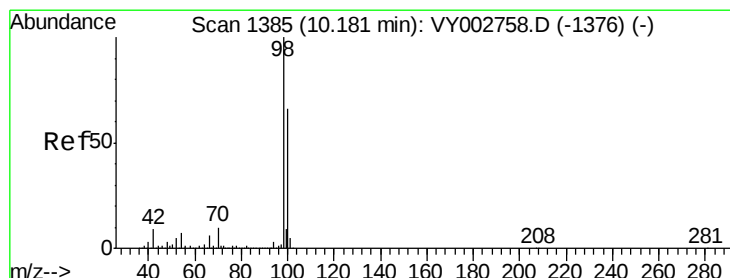
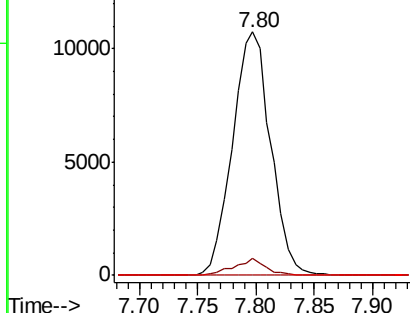
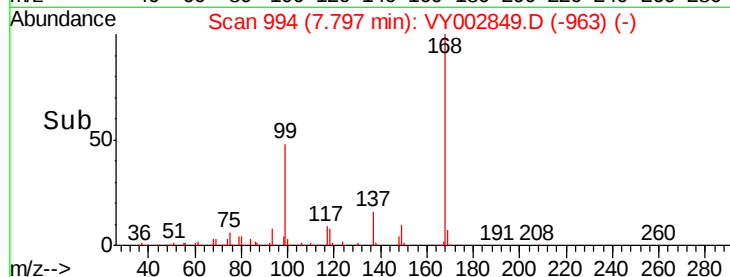
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.347 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002849.D

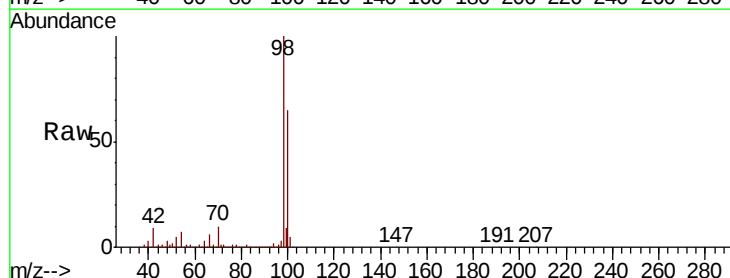
Acq: 05 Jun 2020 15:26

Tgt Ion: 98 Resp: 527661

Ion Ratio Lower Upper

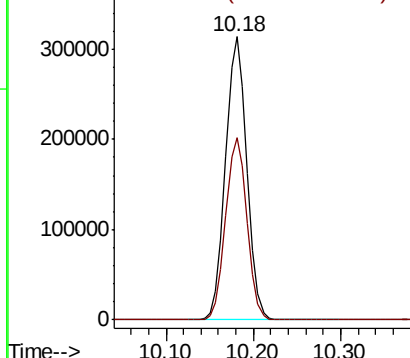
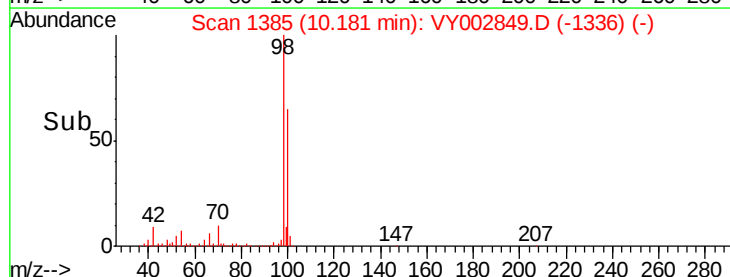
98 100

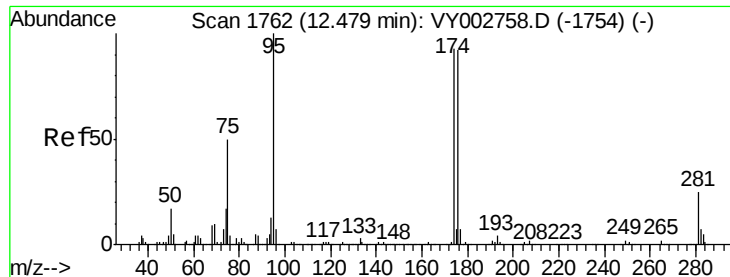
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

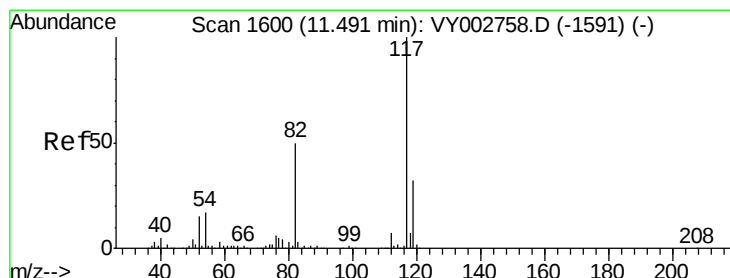
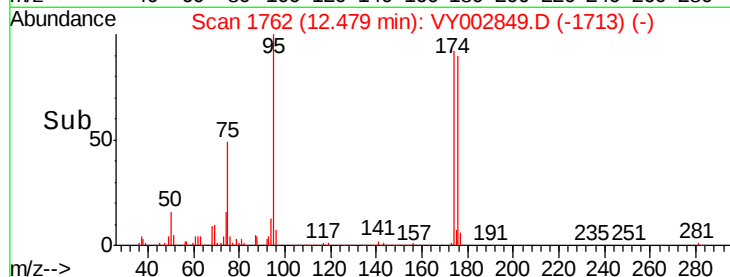
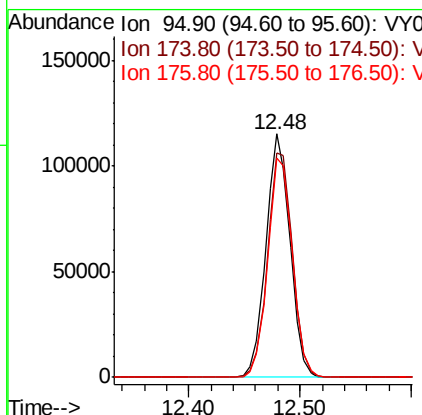
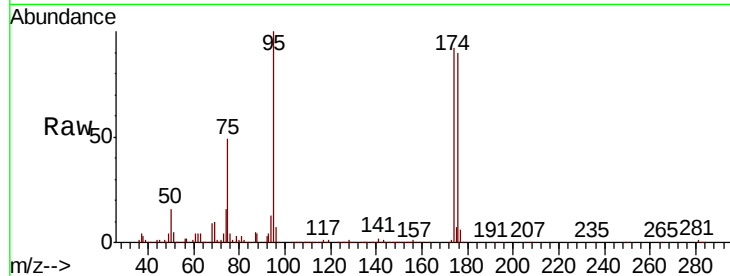




#62
4-Bromofluorobenzene
Concen: 47.550 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002849.D
Acq: 05 Jun 2020 15:26

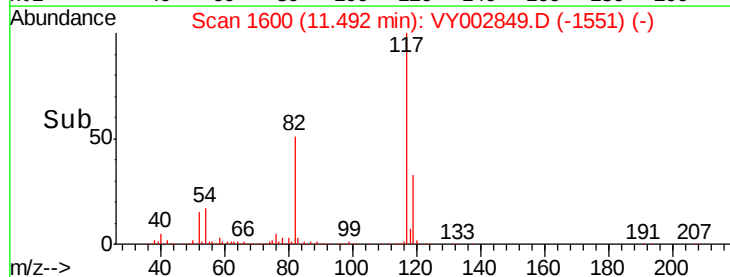
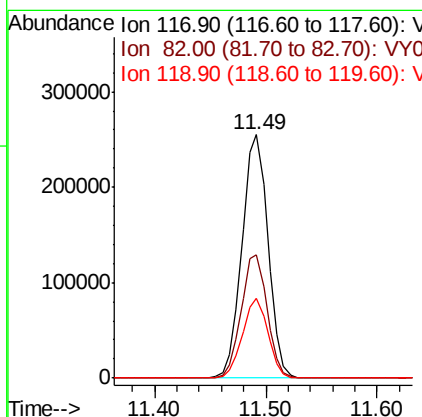
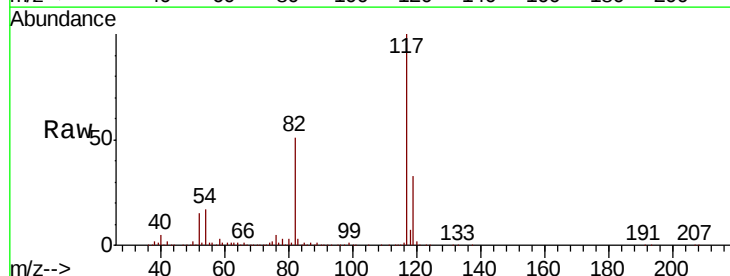
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26160

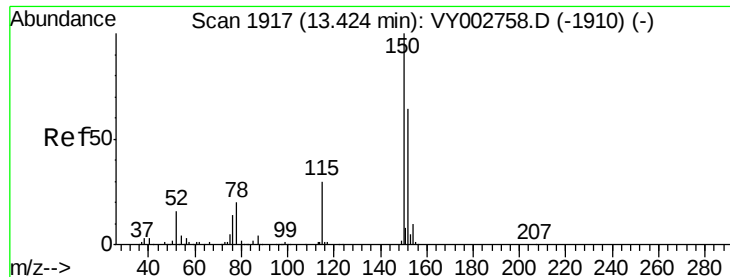
Tot Ion	95	Resp	173763
Ion Ratio	Lower	Upper	
95	100		
174	95.7	0.0	191.2
176	92.0	0.0	188.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002849.D
Acq: 05 Jun 2020 15:26

Tgt Ion	117	Resp	412959
Ion Ratio	Lower	Upper	
117	100		
82	50.5	40.2	60.4
119	32.6	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002849.D

Acq: 05 Jun 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26160

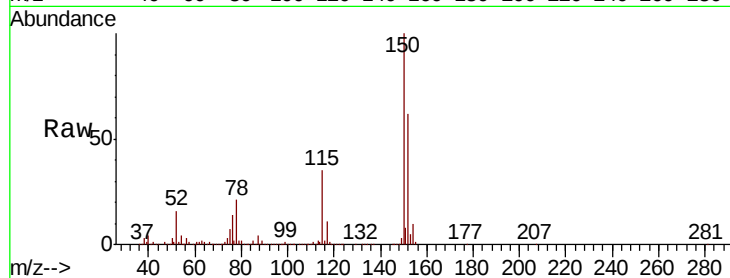
Tot Ion:152 Resp: 195035

Ion Ratio Lower Upper

152 100

115 54.4 27.0 81.0

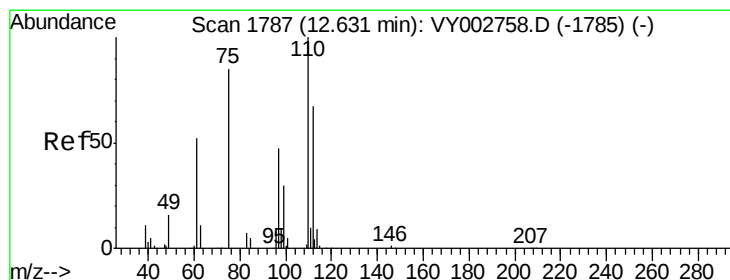
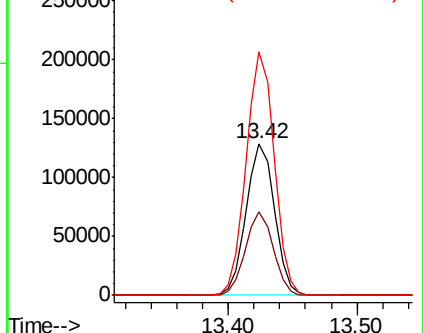
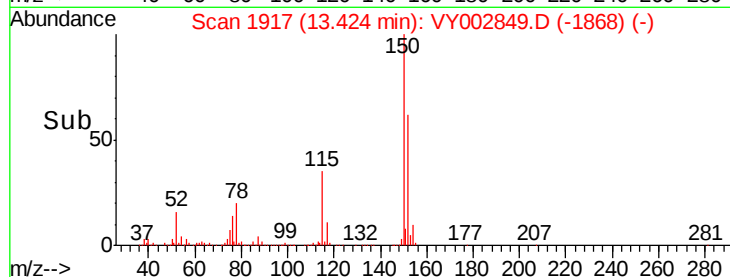
150 158.9 0.0 344.8



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



#76

1,2,3-Trichloropropane

Concen: 47.739 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002849.D

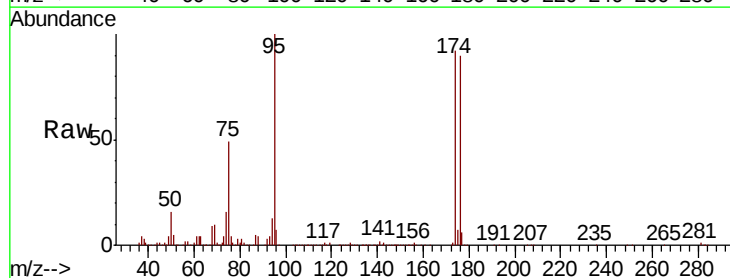
Acq: 05 Jun 2020 15:26

Tgt Ion: 75 Resp: 83897

Ion Ratio Lower Upper

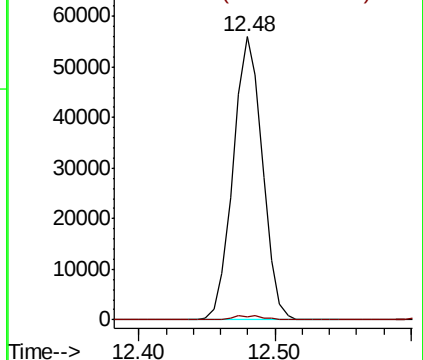
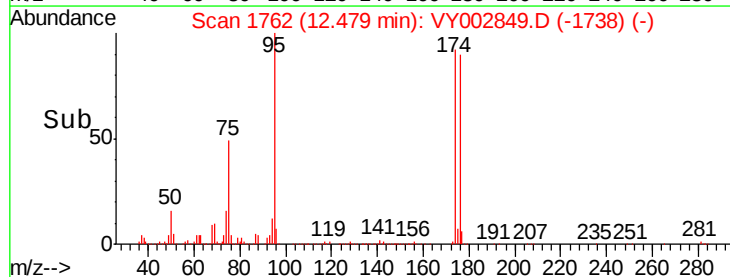
75 100

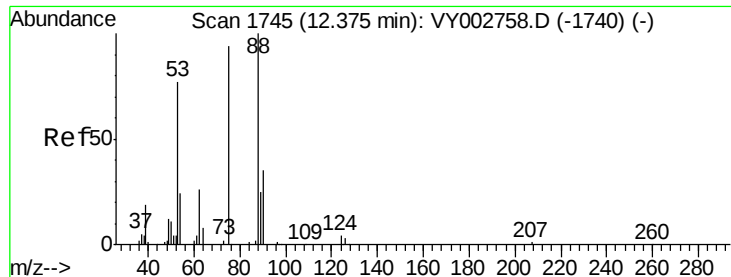
77 2.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 89.941 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002849.D

Acq: 05 Jun 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26160

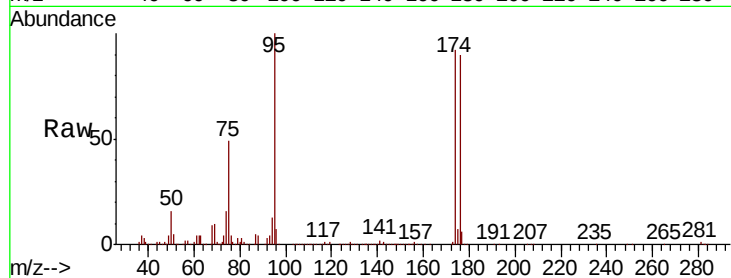
Tot Ion: 75 Resp: 83897

Ion Ratio Lower Upper

75 100

53 0.2 64.0 96.0#

89 0.1 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

