

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003059.D
 Acq On : 01 Jul 2020 15:24
 Operator : SY/MD
 Sample : L3157-06RE
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-D40

Quant Time: Jul 02 03:13:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

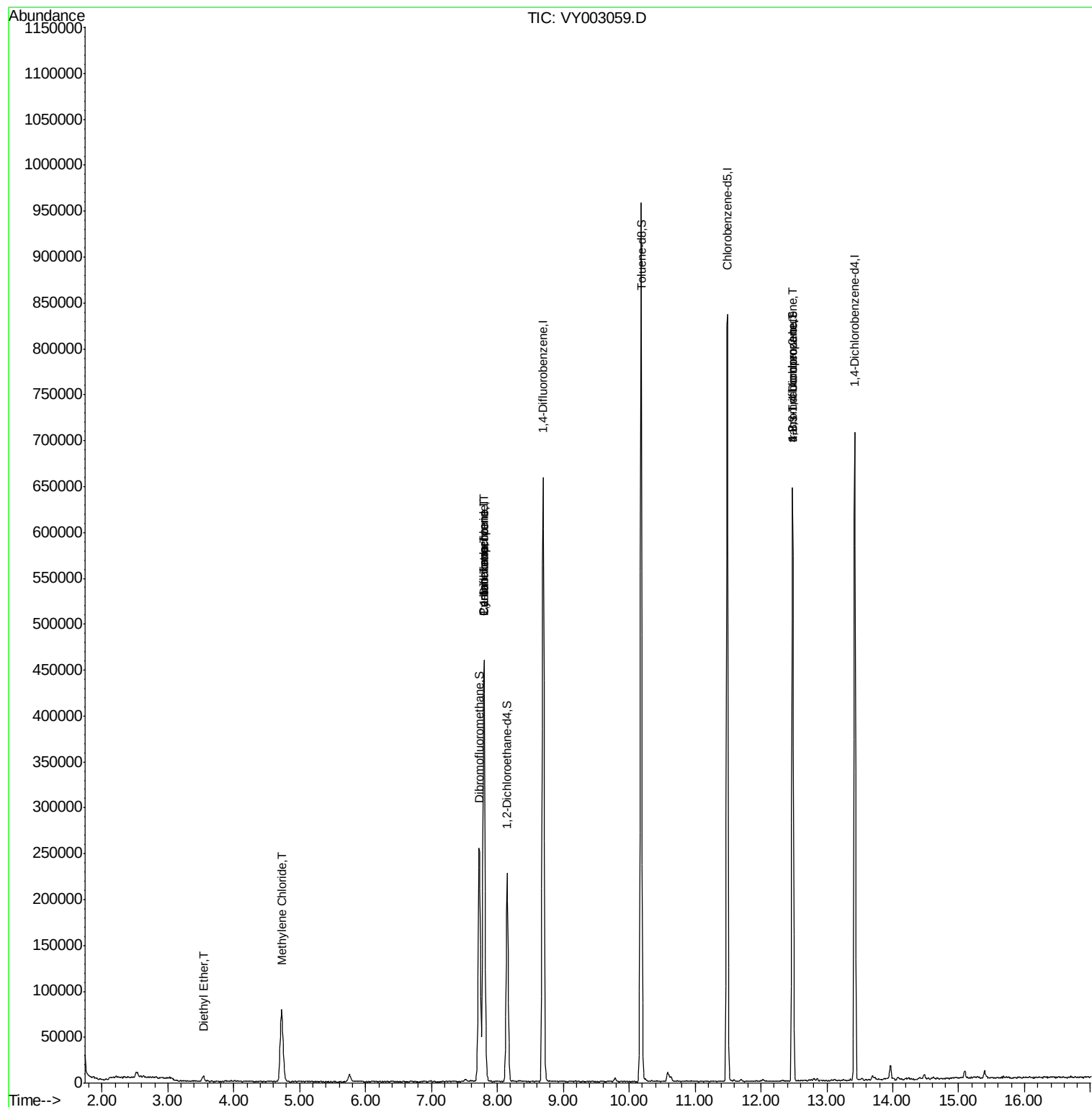
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	382288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	563786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	461135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	181623	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	7.72	113	182789	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.18	98	622242	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	12.48	95	185660	40.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.52%	
Target Compounds						
8) Diethyl Ether	3.54	74	3460	1.729	ug/l	96
20) Methylene Chloride	4.72	84	60574	9.514	ug/l	93
31) Cyclohexane	7.80	56	7371	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	26190	4.823	ug/l #	51
38) Carbon Tetrachloride	7.80	117	34261	6.064	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	93135	50.466	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93135	98.185	ug/l #	12

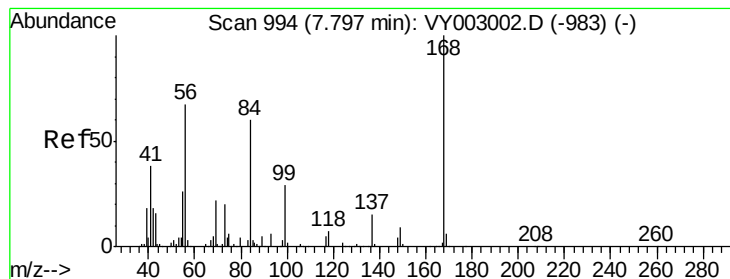
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
Data File : VY003059.D
Acq On : 01 Jul 2020 15:24
Operator : SY/MD
Sample : L3157-06RE
Misc : 6.53G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CB-D40

Quant Time: Jul 02 03:13:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

Instrument :

MSVOA_Y

ClientSampled :

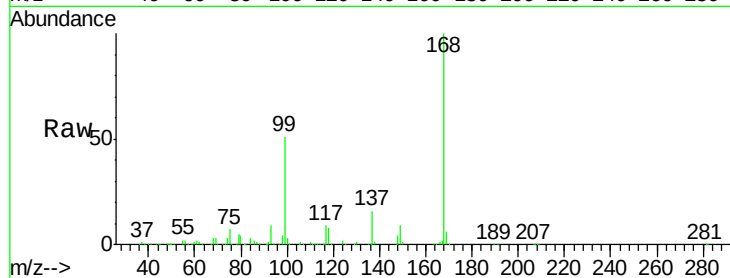
CB-D40

Tot Ion:168 Resp: 382288

Ion Ratio Lower Upper

168 100

99 50.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

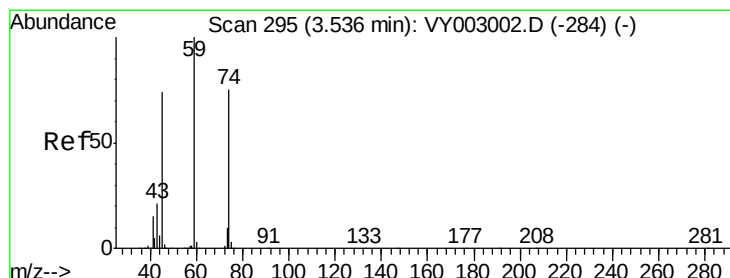
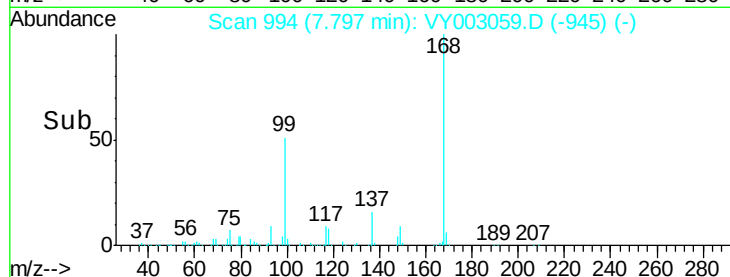
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.729 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY003059.D

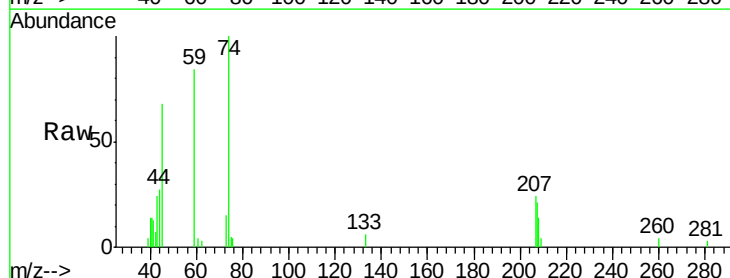
Acq: 01 Jul 2020 15:24

Tgt Ion: 74 Resp: 3460

Ion Ratio Lower Upper

74 100

45 94.6 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

2000

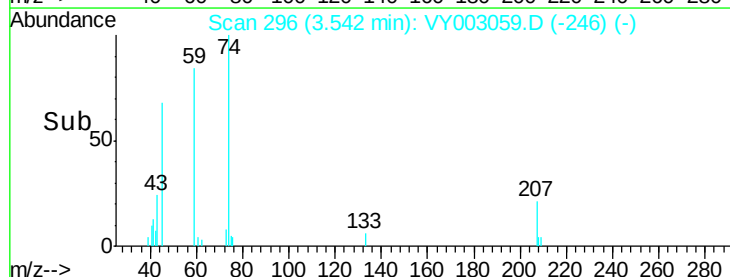
1500

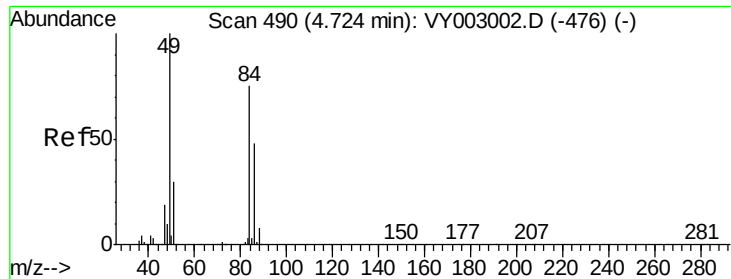
1000

500

0

Time-->

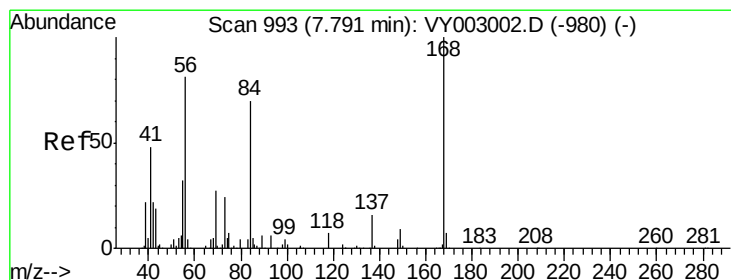
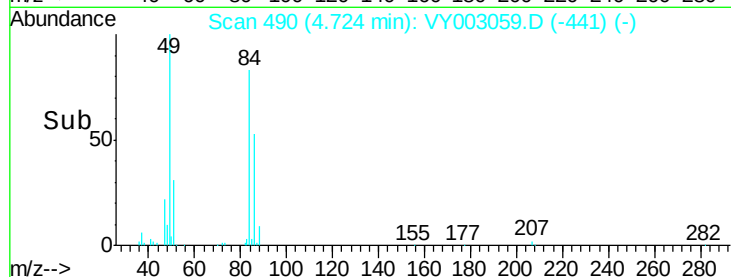
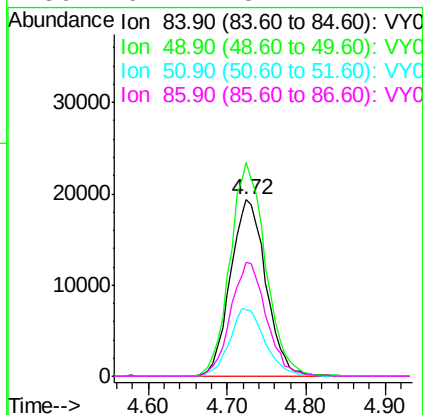
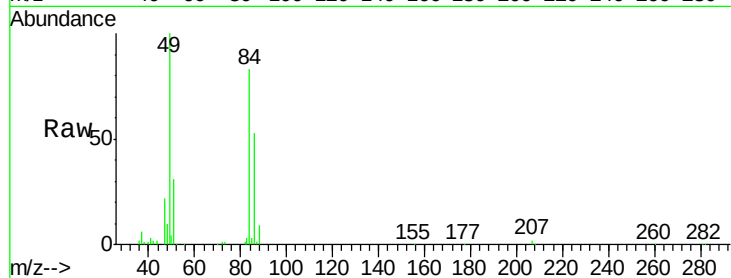




#20
Methylene Chloride
Concen: 9.514 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003059.D
Acq: 01 Jul 2020 15:24

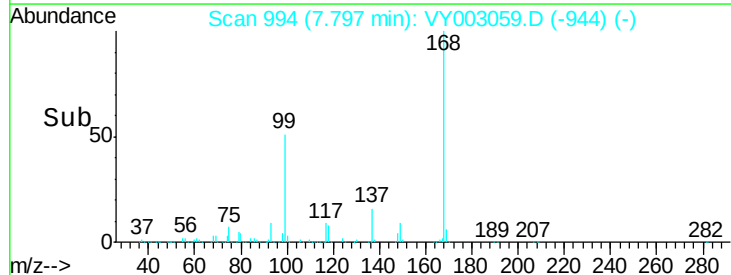
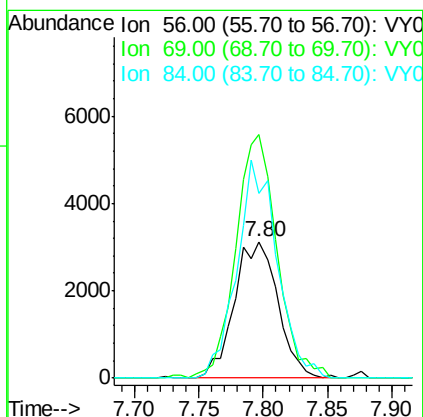
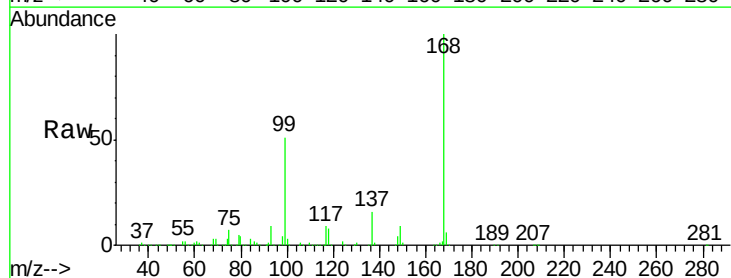
Instrument :
MSVOA_Y
ClientSampleId :
CB-D40

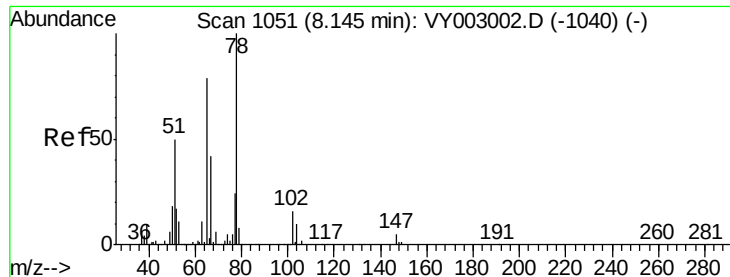
Tot Ion: 84 Resp: 60574
Ion Ratio Lower Upper
84 100
49 121.0 106.8 160.2
51 37.7 32.0 48.0
86 64.2 51.4 77.2



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003059.D
Acq: 01 Jul 2020 15:24

Tgt Ion: 56 Resp: 7371
Ion Ratio Lower Upper
56 100
69 178.2 27.0 40.4#
84 135.3 68.1 102.1#

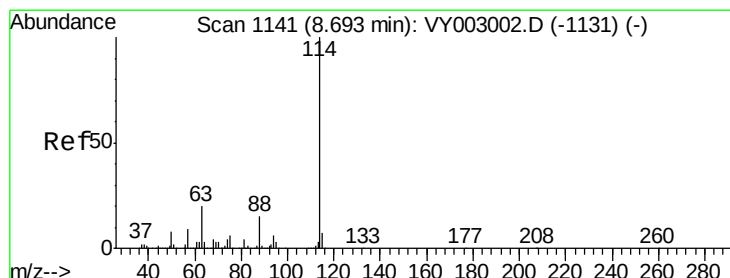
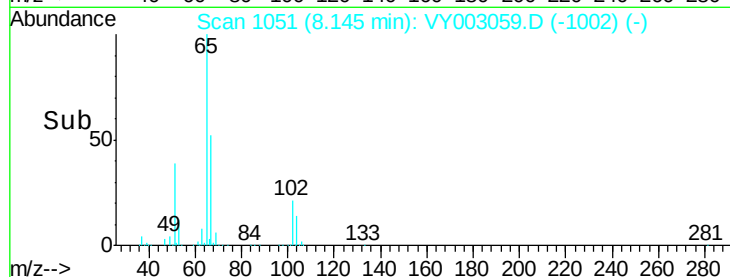
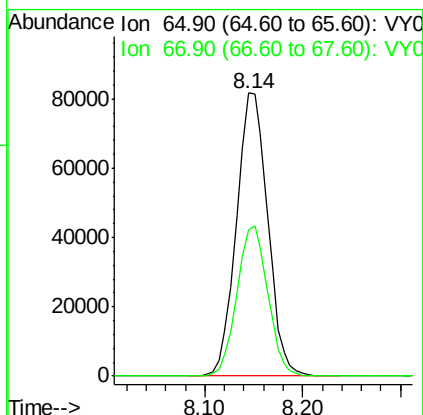
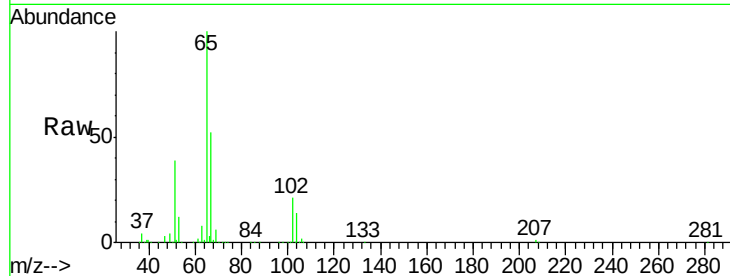




#33
 1,2-Dichloroethane-d4
 Concen: 47.835 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003059.D
 Acq: 01 Jul 2020 15:24

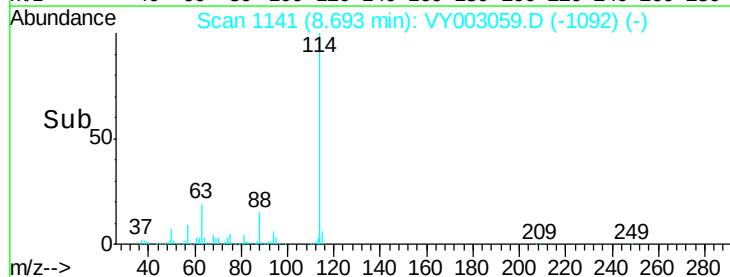
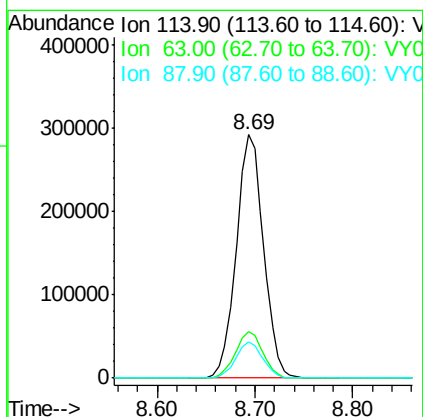
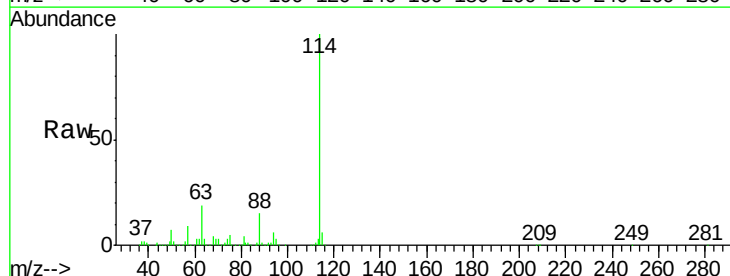
Instrument :
 MSVOA_Y
 ClientSampled :
 CB-D40

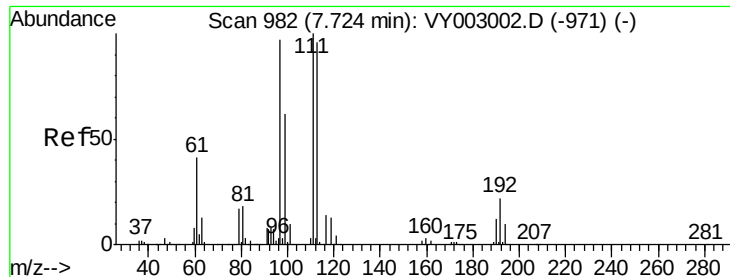
Tot Ion: 65 Resp: 181623
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003059.D
 Acq: 01 Jul 2020 15:24

Tgt Ion: 114 Resp: 563786
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 14.9 0.0 30.0

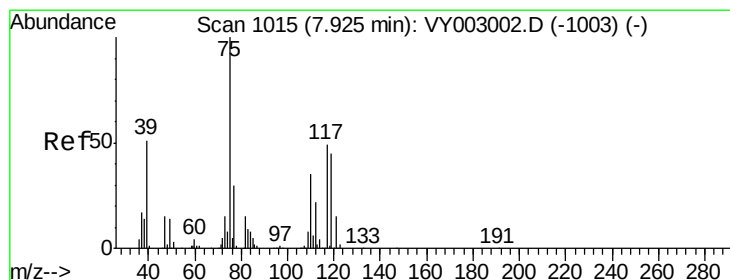
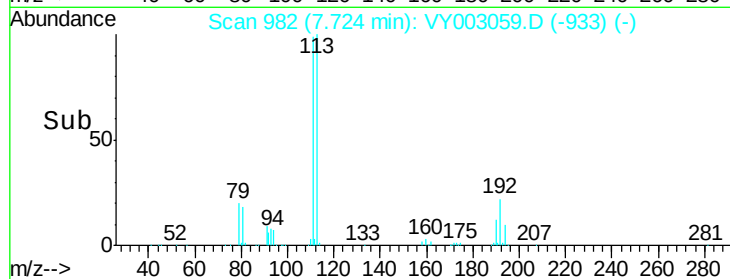
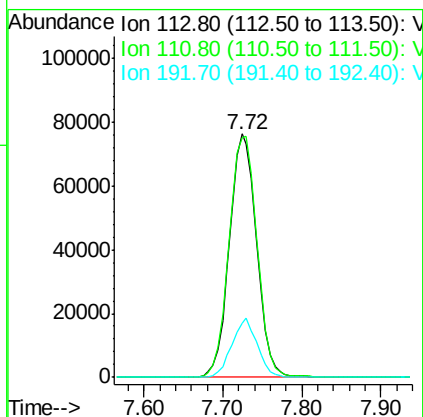
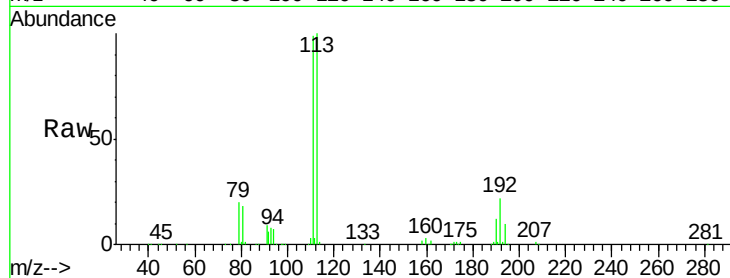




#35
 Dibromofluoromethane
 Concen: 51.973 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003059.D
 Acq: 01 Jul 2020 15:24

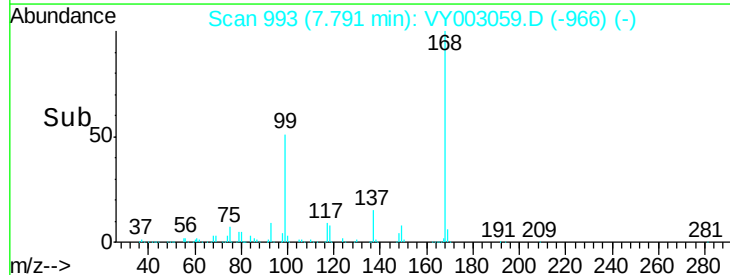
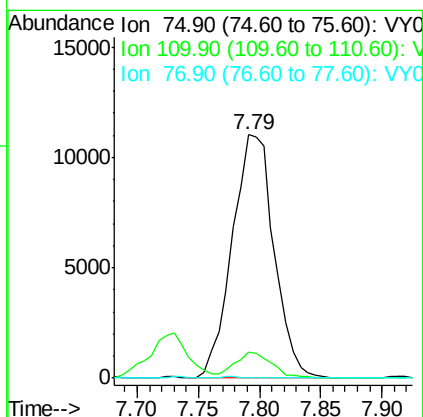
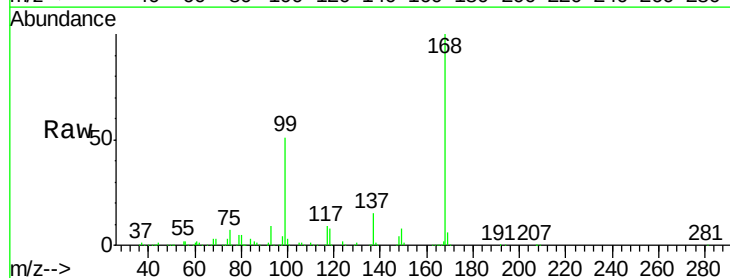
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-D40

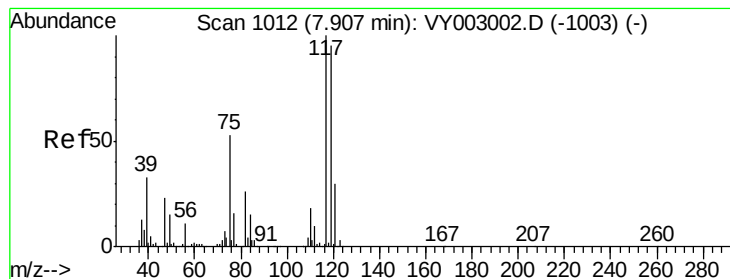
Tot Ion:113 Resp: 182789
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 123.8
 192 22.7 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 4.823 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003059.D
 Acq: 01 Jul 2020 15:24

Tgt Ion: 75 Resp: 26190
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.1 51.2#
 77 0.2 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.064 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

Instrument :

MSVOA_Y

ClientSampled :

CB-D40

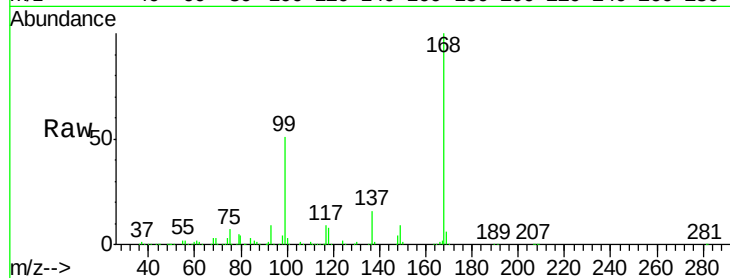
Tot Ion:117 Resp: 34261

Ion Ratio Lower Upper

117 100

119 5.0 75.7 113.5#

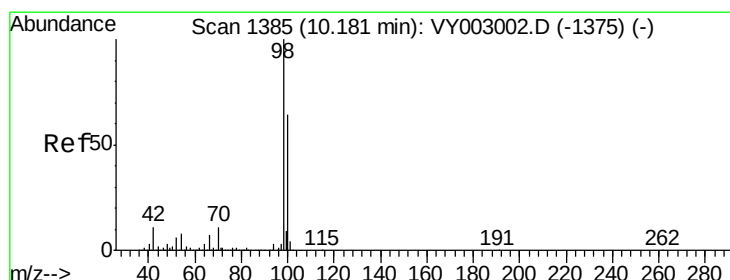
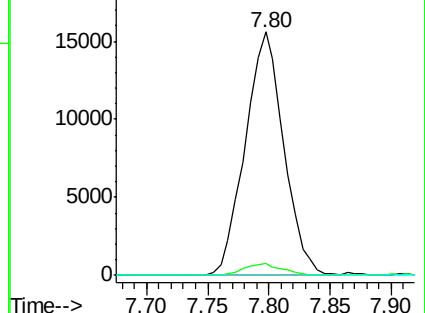
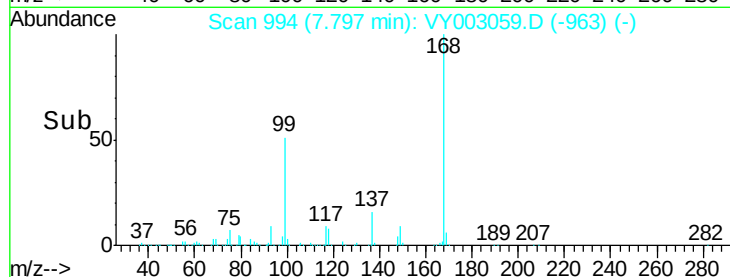
121 0.0 23.9 35.9#



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: 47.491 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003059.D

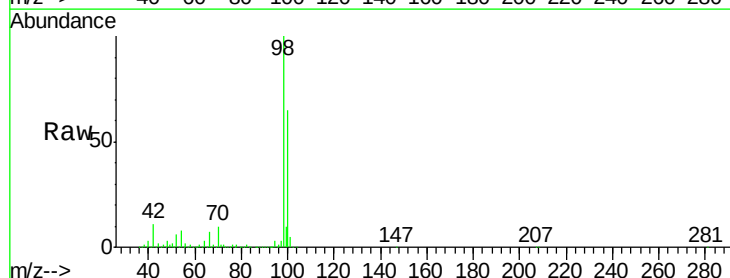
Acq: 01 Jul 2020 15:24

Tgt Ion: 98 Resp: 622242

Ion Ratio Lower Upper

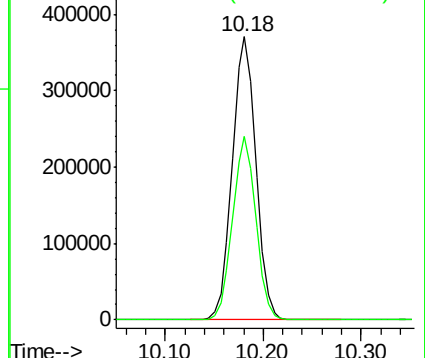
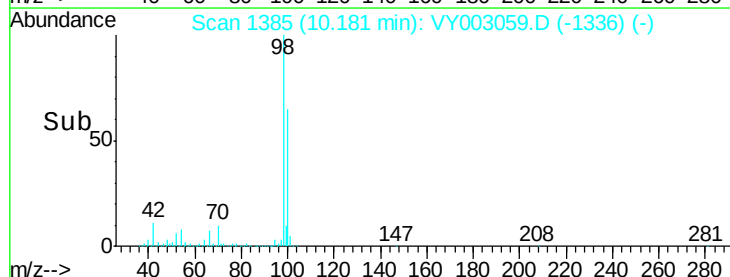
98 100

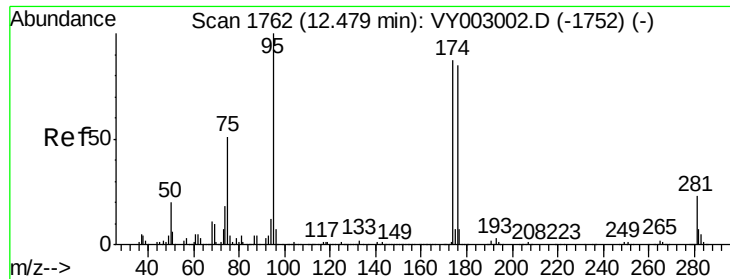
100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

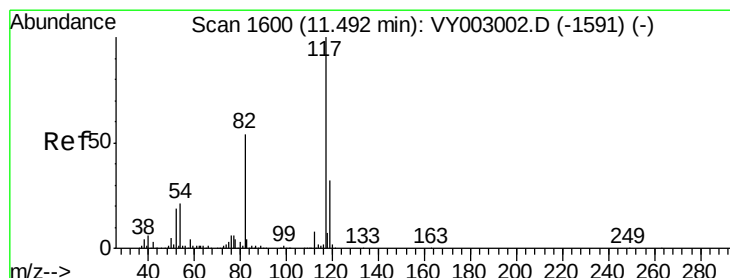
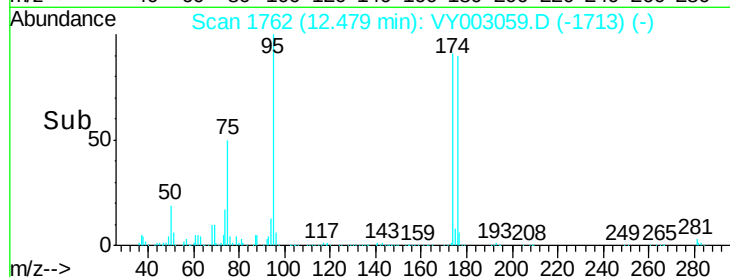
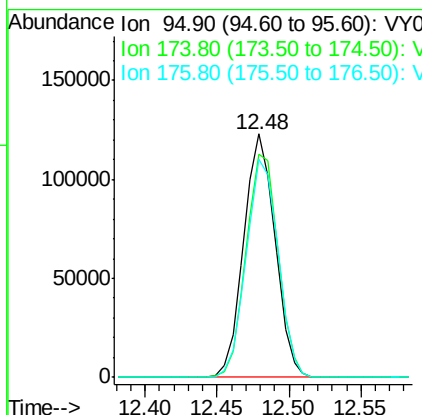
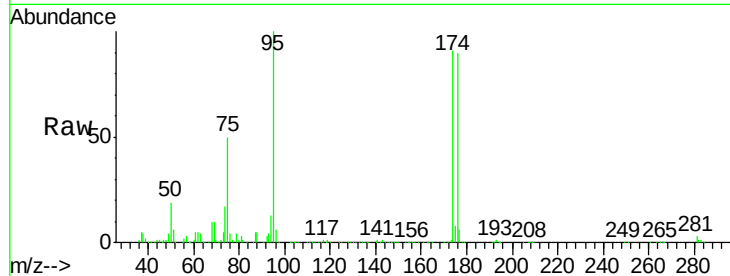




#62
4-Bromofluorobenzene
Concen: 40.255 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003059.D
Acq: 01 Jul 2020 15:24

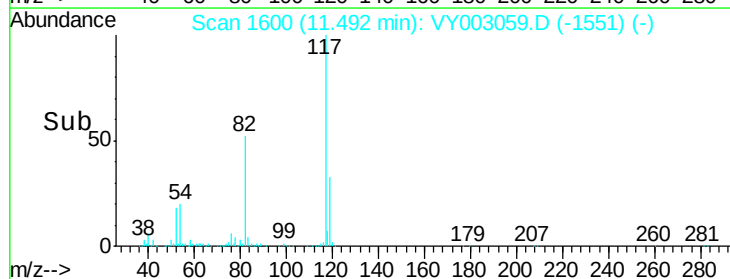
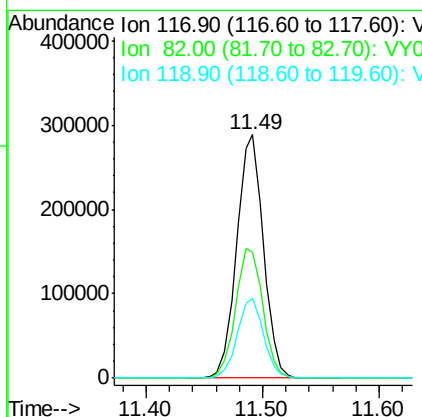
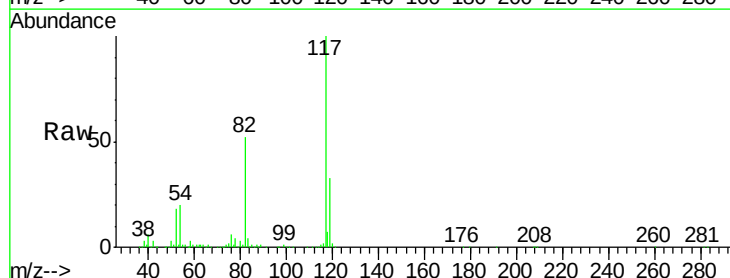
Instrument :
MSVOA_Y
ClientSampleId :
CB-D40

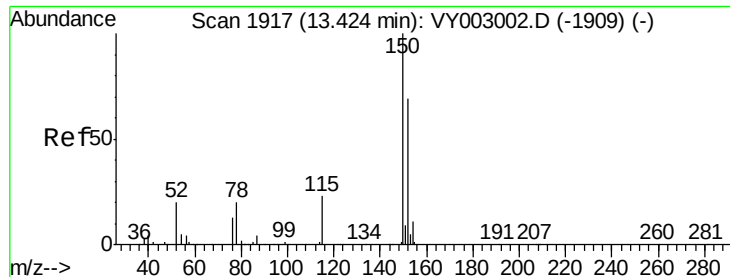
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	184.8
176	90.6	0.0	183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003059.D
Acq: 01 Jul 2020 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.6
119	32.6	25.8	38.8



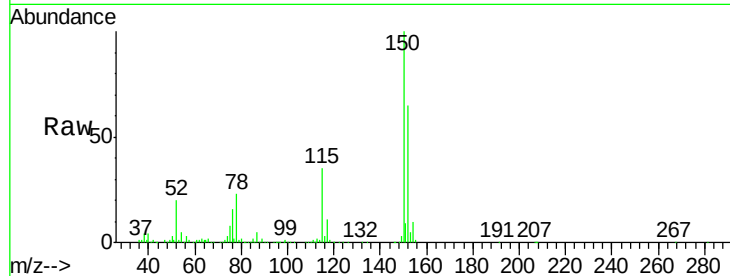


#72

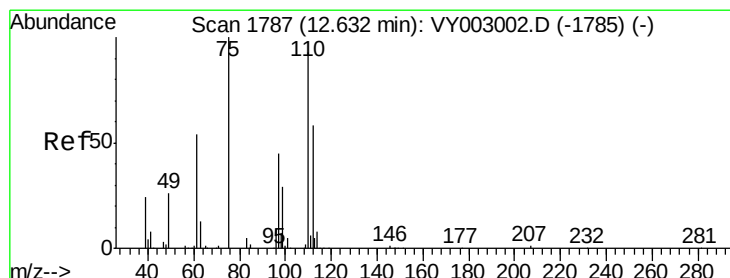
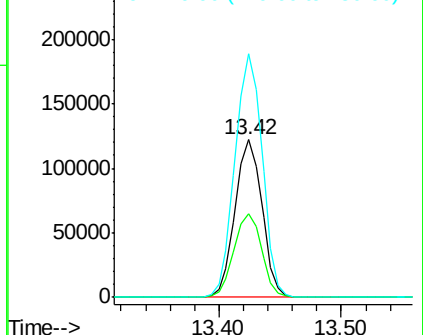
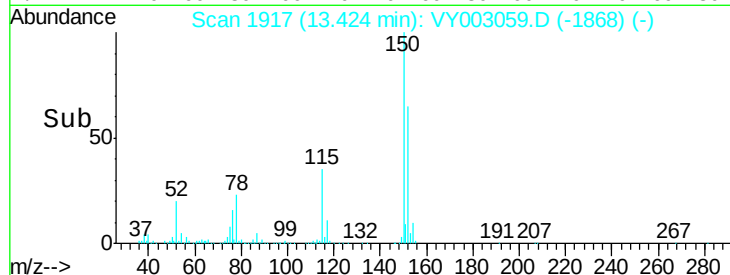
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003059.D
Acq: 01 Jul 2020 15:24

Instrument :
MSVOA_Y
ClientSampleId :
CB-D40

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.9
150	156.5	0.0	343.4



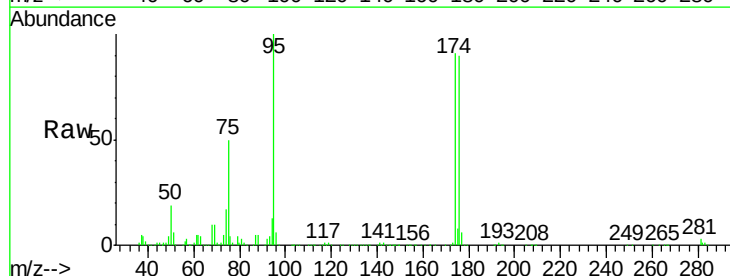
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



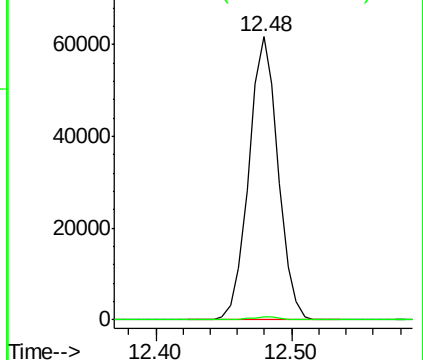
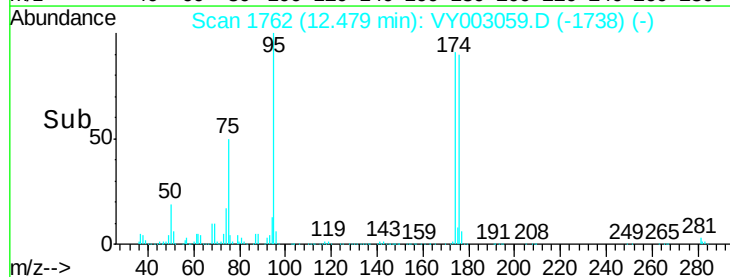
#76

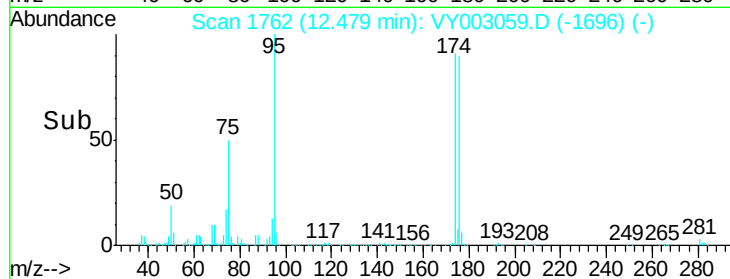
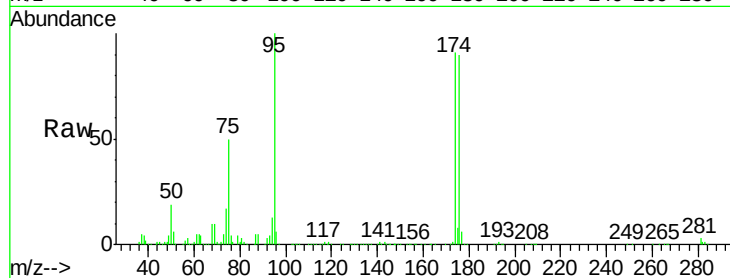
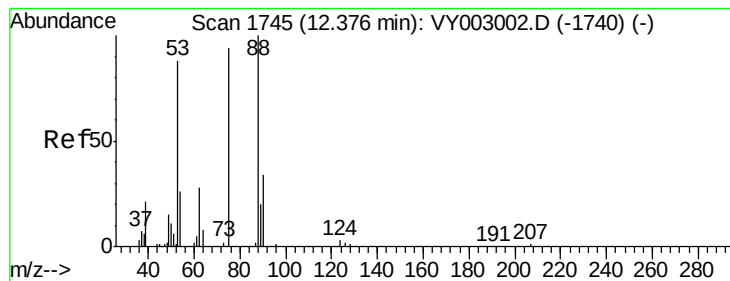
1,2,3-Trichloropropane
Concen: 50.466 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003059.D
Acq: 01 Jul 2020 15:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 98.185 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003059.D

Acq: 01 Jul 2020 15:24

Instrument :

MSVOA_Y

ClientSampleId :

CB-D40

Tot Ion: 75 Resp: 93135

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.1 37.5 56.3#

