

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003040.D
 Acq On : 30 Jun 2020 17:15
 Operator : SY/MD
 Sample : L3153-37
 Misc : 6.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:15:49 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	369602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	539782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	248638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	198032	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	7.73	113	194770	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	10.18	98	695787	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.48	95	233711	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

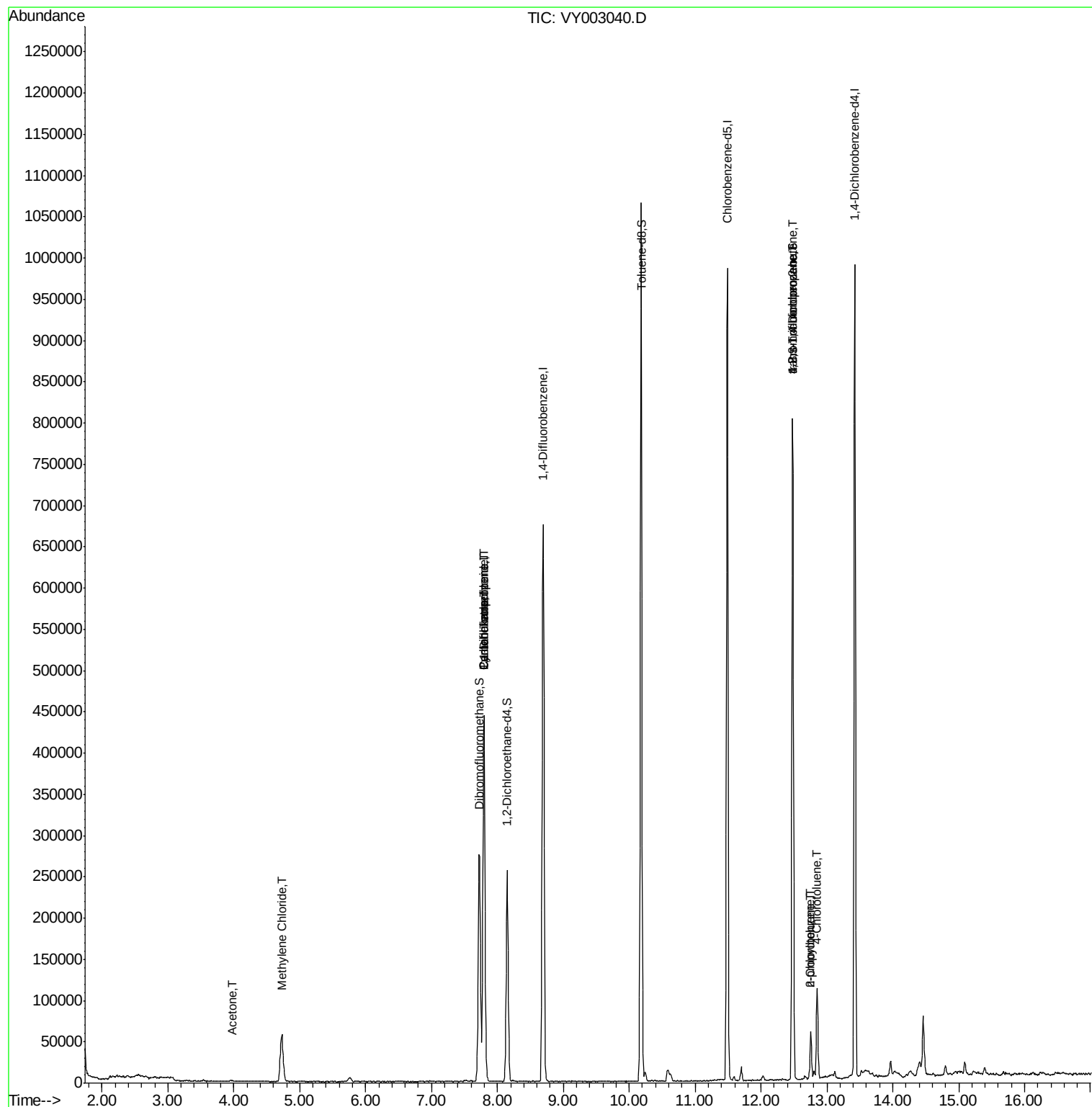
					Qvalue
16) Acetone	3.97	43	1860	2.148	ug/l 100
20) Methylene Chloride	4.73	84	45465	5.575	ug/l 93
31) Cyclohexane	7.79	56	6681	1.035	ug/l # 1
36) 1,1-Dichloropropene	7.80	75	24467	4.297	ug/l # 51
38) Carbon Tetrachloride	7.80	117	31844	5.376	ug/l # 16
76) 1,2,3-Trichloropropane	12.48	75	119042	48.376	ug/l # 100
78) n-propylbenzene	12.75	91	31067	1.588	ug/l # 58
79) 2-Chlorotoluene	12.75	91	31067	2.844	ug/l 98
81) trans-1,4-Dichloro-2-buten	12.48	75	119042	94.120	ug/l # 12
82) 4-Chlorotoluene	12.85	91	59009	5.189	ug/l 97

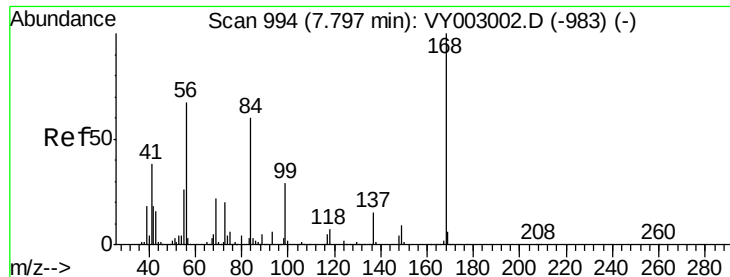
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003040.D

Acq: 30 Jun 2020 17:15

Instrument :

MSVOA_Y

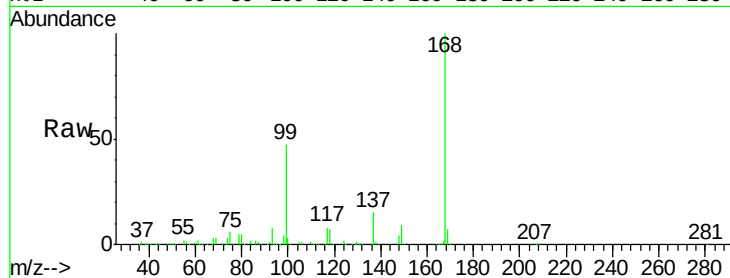
ClientSampleId :

Tot Ion:168 Resp: 369602

Ion Ratio Lower Upper

168 100

99 47.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

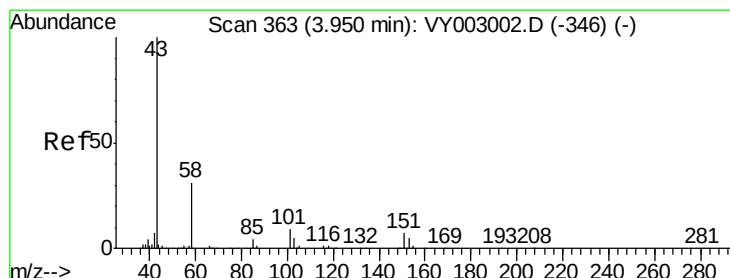
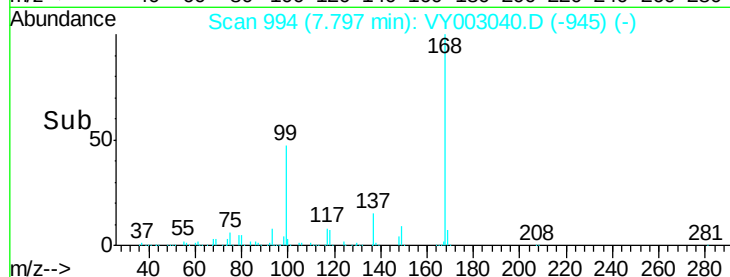
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.148 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY003040.D

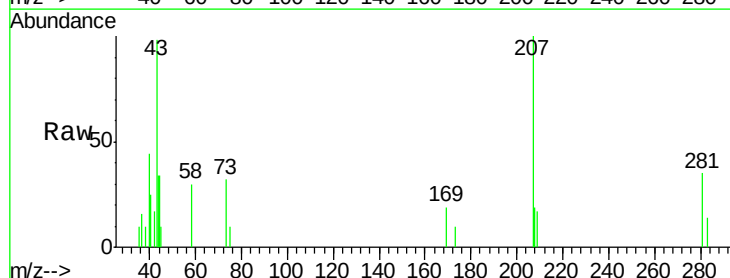
Acq: 30 Jun 2020 17:15

Tgt Ion: 43 Resp: 1860

Ion Ratio Lower Upper

43 100

58 31.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

3.97

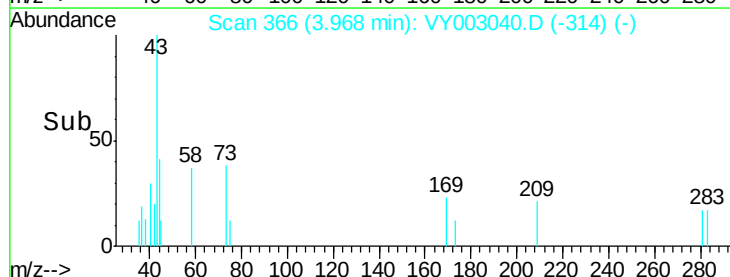
600

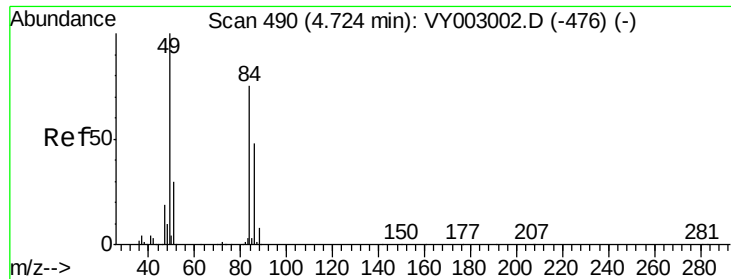
400

200

0

Time-->

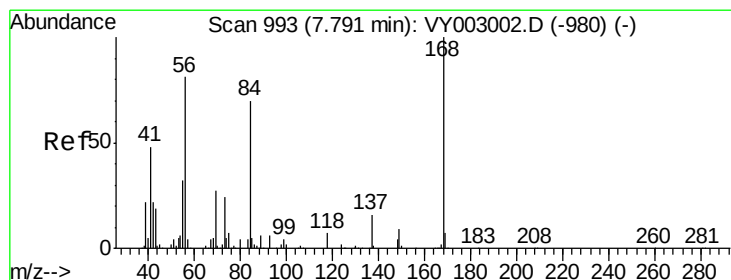
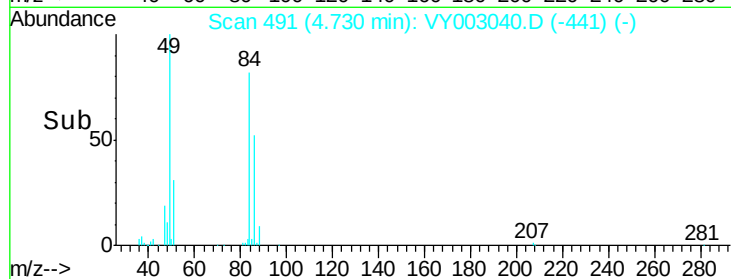
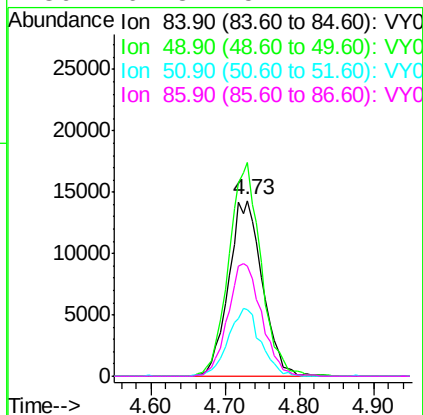
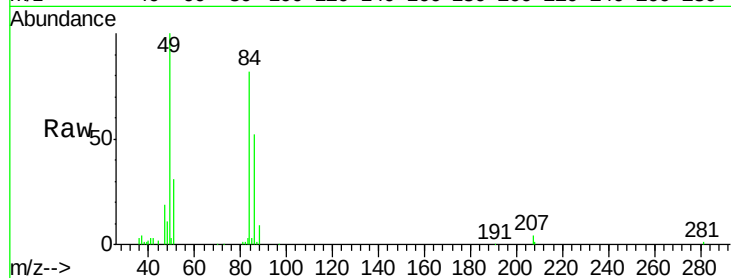




#20
Methylene Chloride
Concen: 5.575 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

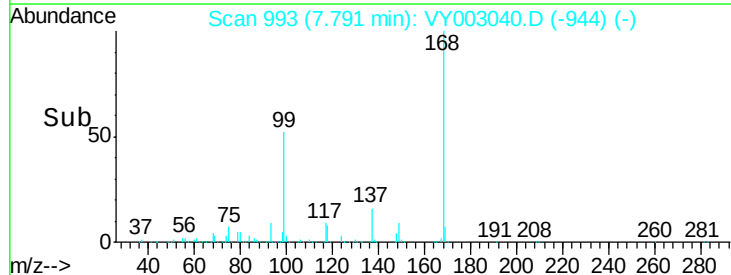
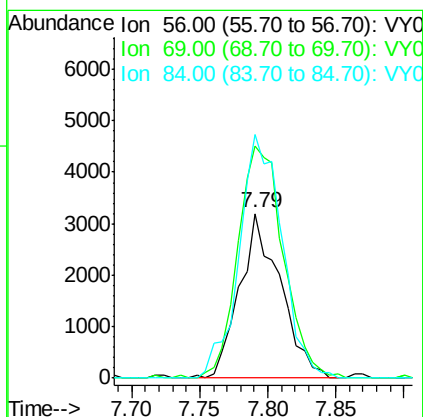
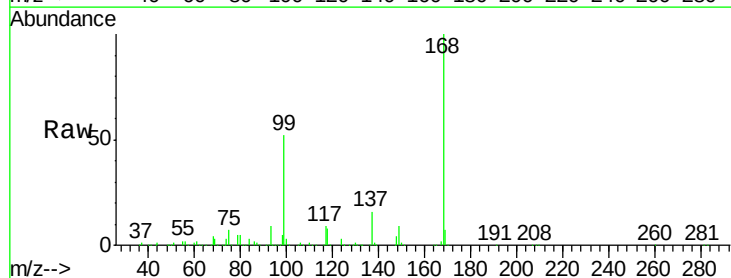
Instrument :
MSVOA_Y
ClientSampled :

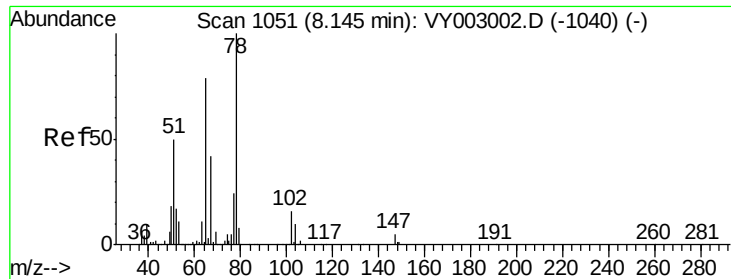
Tot Ion: 84 Resp: 45465
Ion Ratio Lower Upper
84 100
49 121.4 106.8 160.2
51 38.0 32.0 48.0
86 62.8 51.4 77.2



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Tgt Ion: 56 Resp: 6681
Ion Ratio Lower Upper
56 100
69 140.8 27.0 40.4#
84 147.9 68.1 102.1#

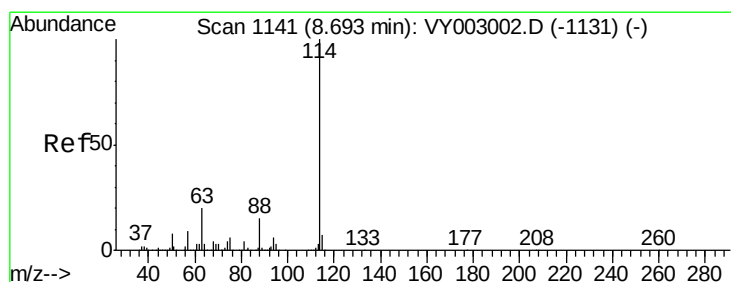
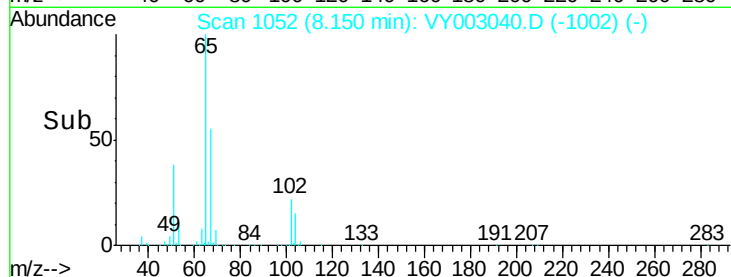
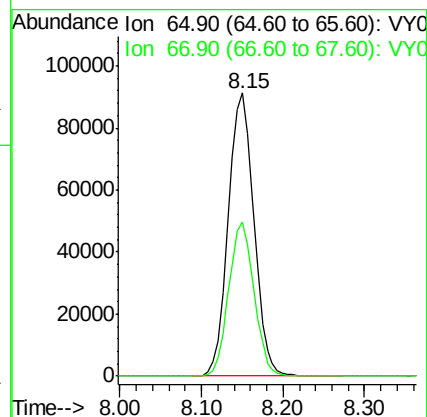
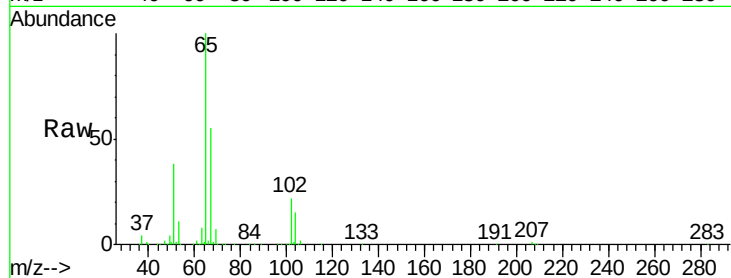




#33
 1,2-Dichloroethane-d4
 Concen: 53.947 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003040.D
 Acq: 30 Jun 2020 17:15

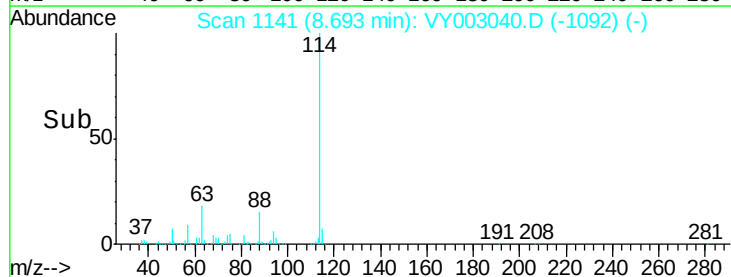
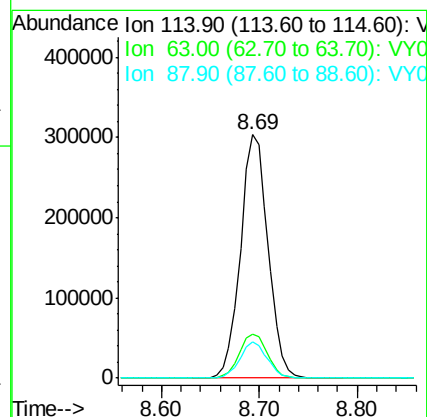
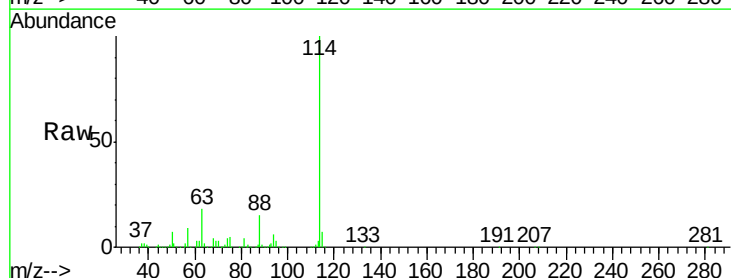
Instrument :
 MSVOA_Y
 ClientSampleId :

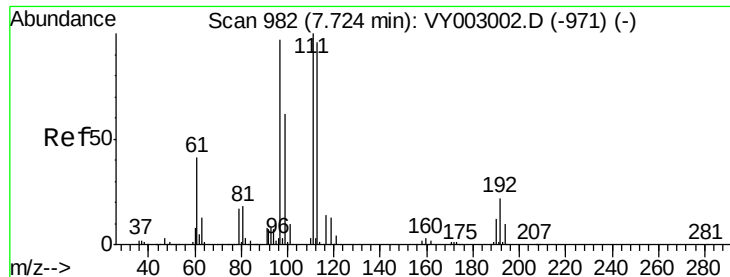
Tot Ion: 65 Resp: 198032
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003040.D
 Acq: 30 Jun 2020 17:15

Tgt Ion: 114 Resp: 591075
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 40.6
 88 14.7 0.0 30.0

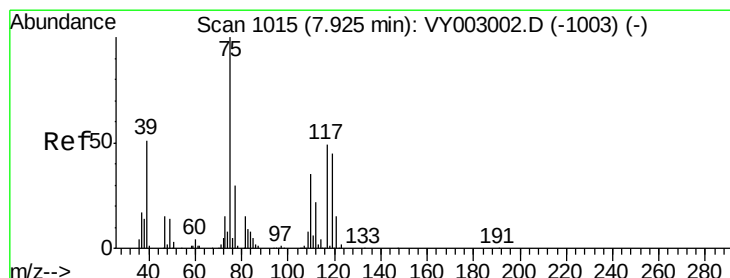
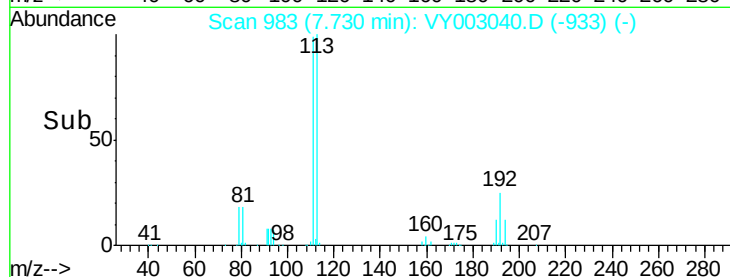
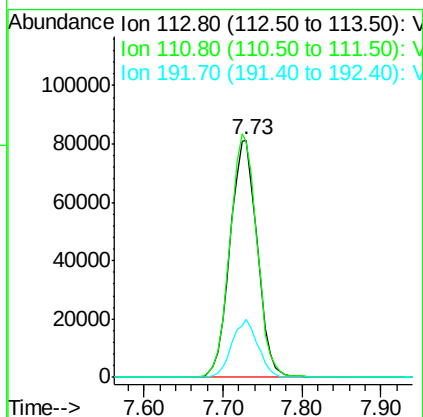
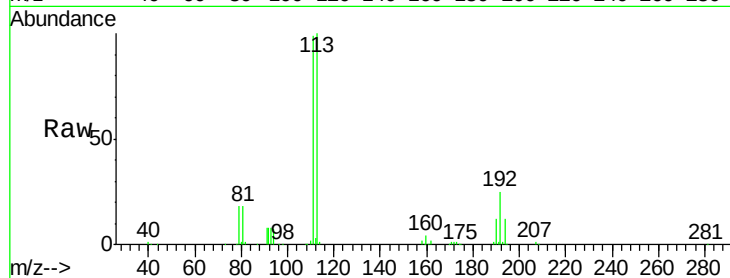




#35
Dibromofluoromethane
Concen: 52.823 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

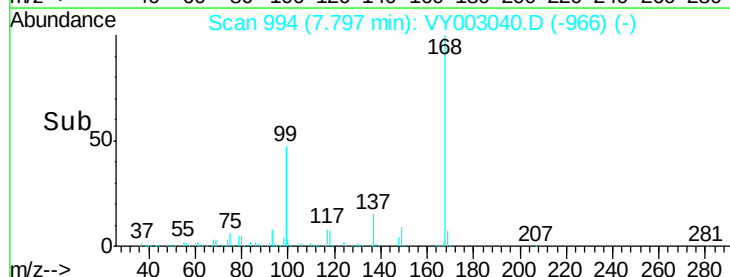
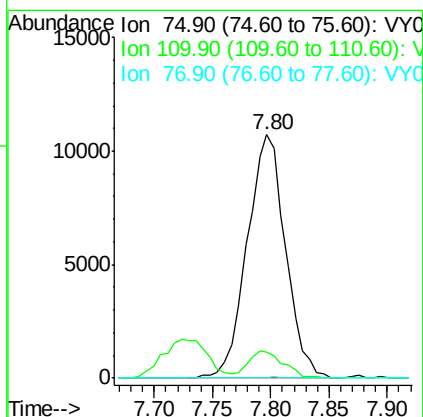
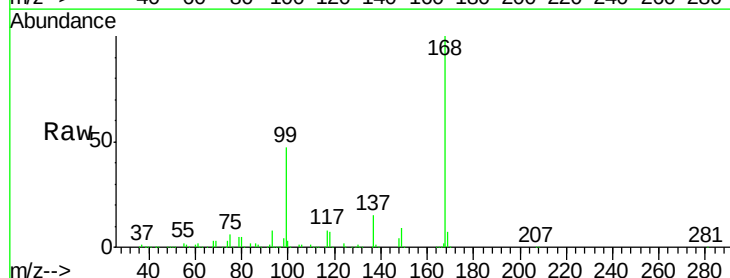
Instrument :
MSVOA_Y
ClientSampleId :

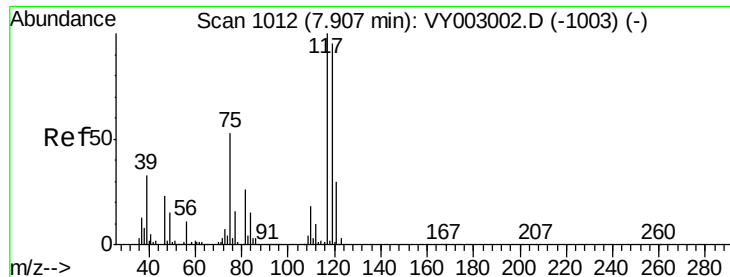
Tot Ion:113 Resp: 194770
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 23.5 18.1 27.1



#36
1,1-Dichloropropene
Concen: 4.297 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Tgt Ion: 75 Resp: 24467
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.1 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.376 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003040.D

Acq: 30 Jun 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

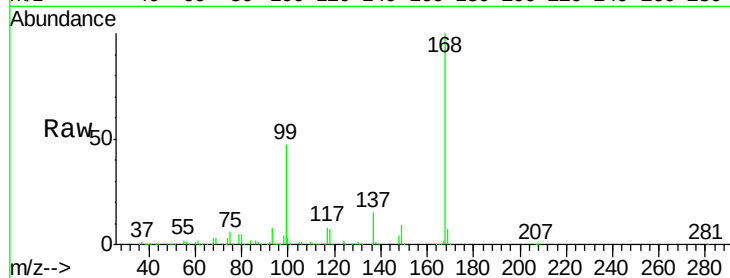
Tot Ion:117 Resp: 31844

Ion Ratio Lower Upper

117 100

119 4.7 75.7 113.5#

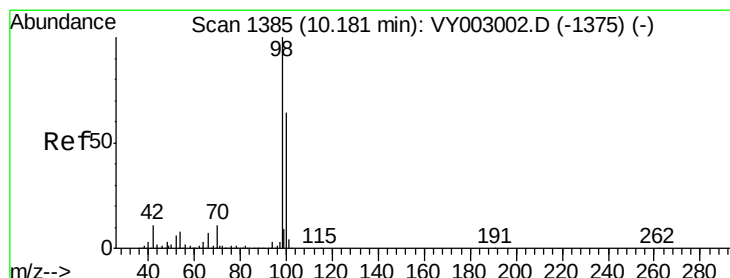
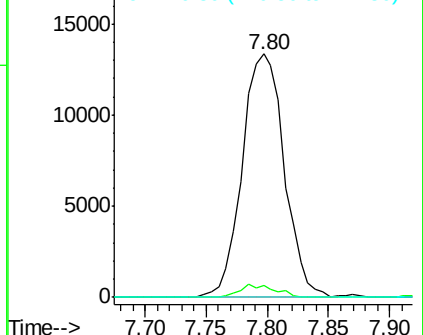
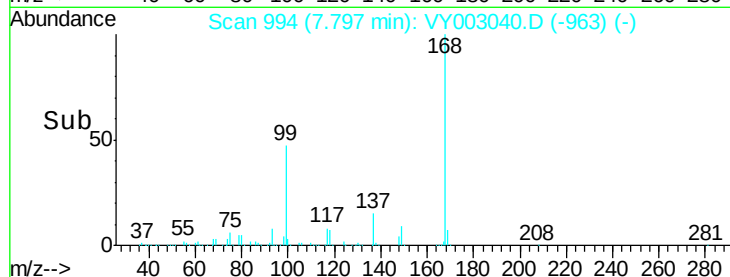
121 0.0 23.9 35.9#



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: 50.652 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003040.D

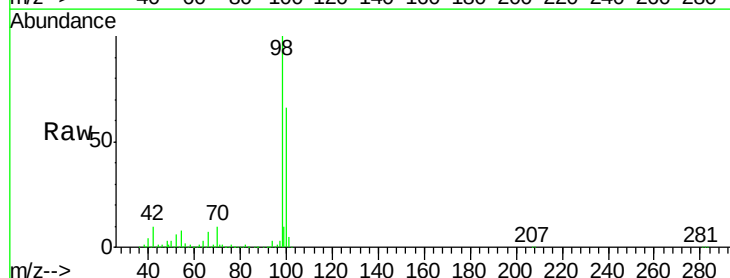
Acq: 30 Jun 2020 17:15

Tgt Ion: 98 Resp: 695787

Ion Ratio Lower Upper

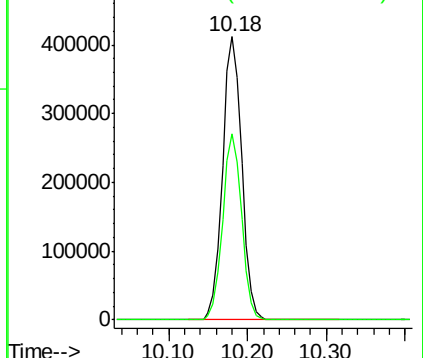
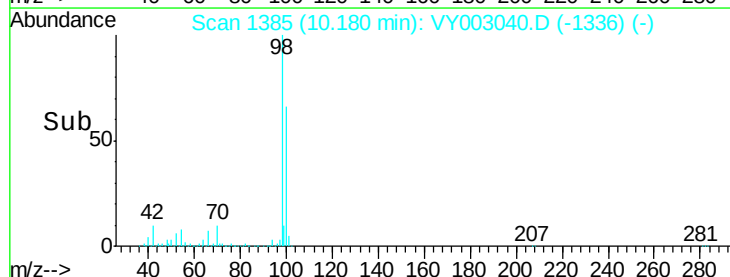
98 100

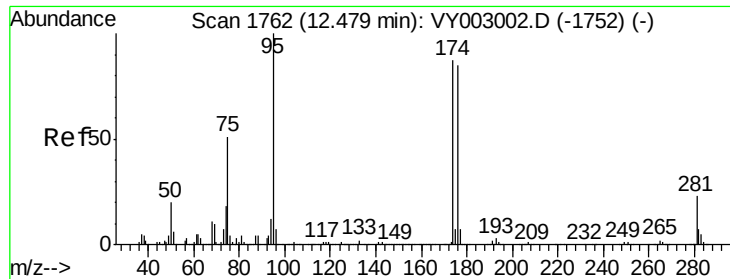
100 64.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.334 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003040.D

Acq: 30 Jun 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

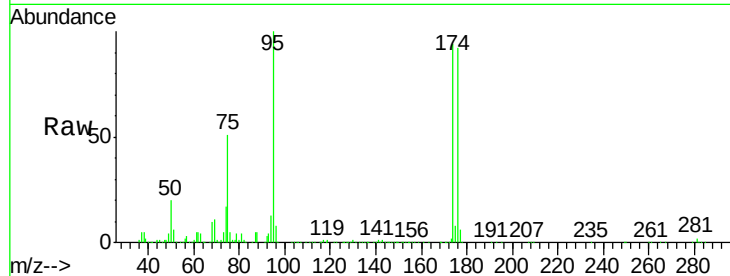
Tot Ion: 95 Resp: 233711

Ion Ratio Lower Upper

95 100

174 96.1 0.0 184.8

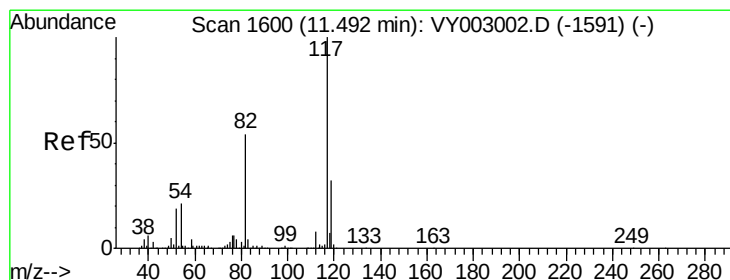
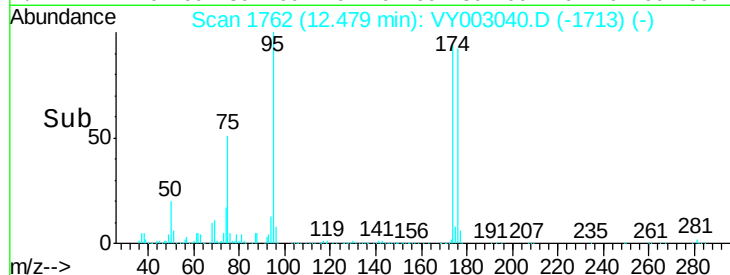
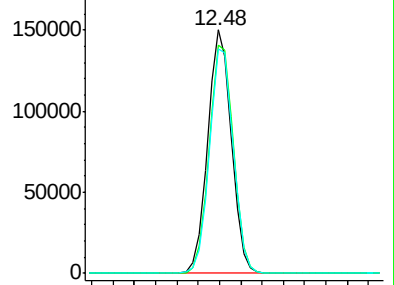
176 93.4 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003040.D

Acq: 30 Jun 2020 17:15

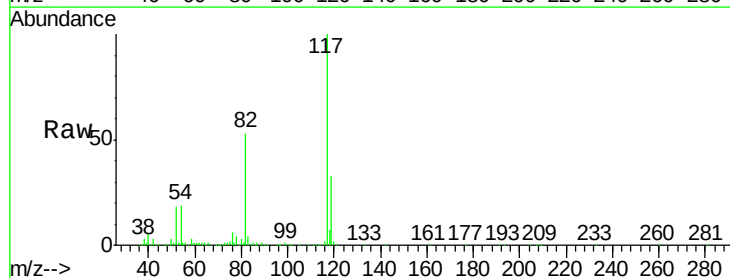
Tgt Ion: 117 Resp: 539782

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.6

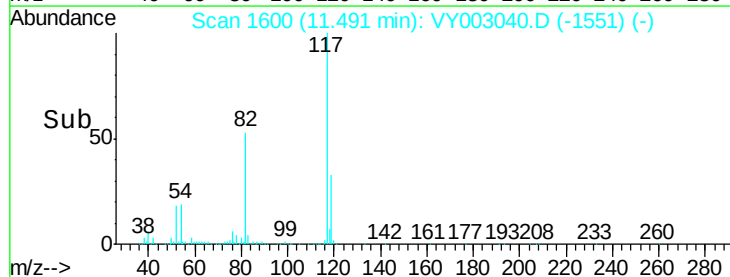
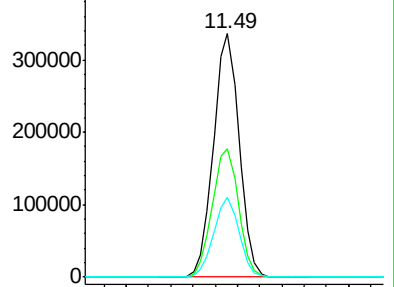
119 32.9 25.8 38.8

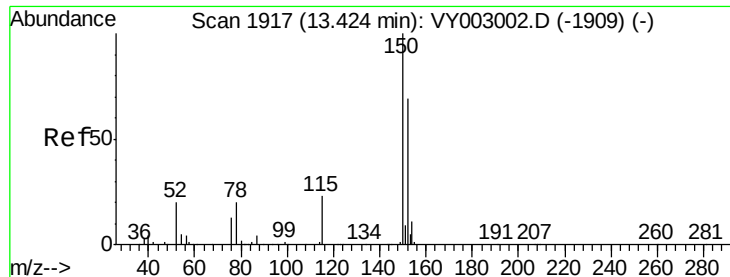


Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)



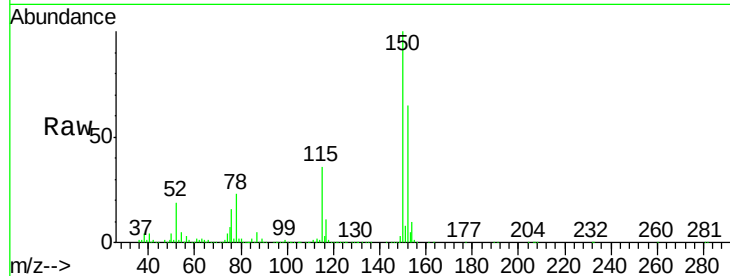


#72

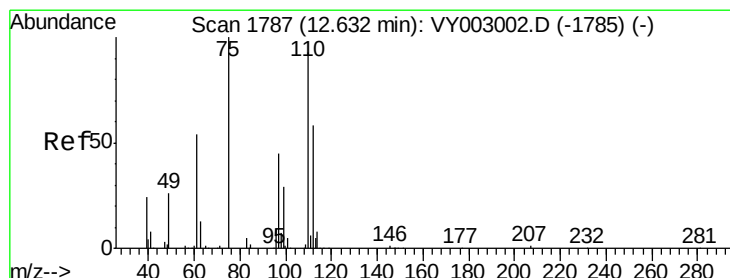
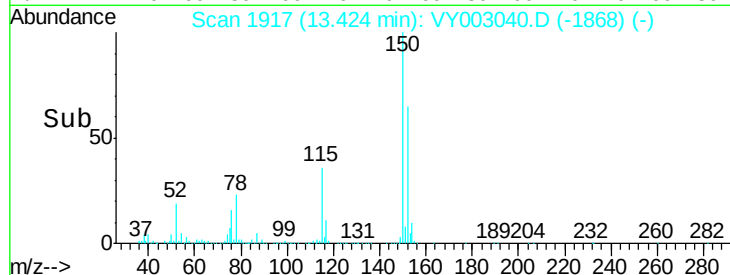
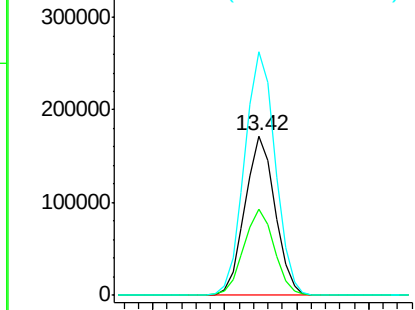
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	156.5	0.0	343.4



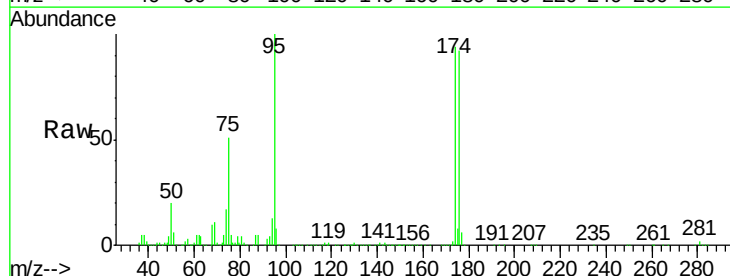
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



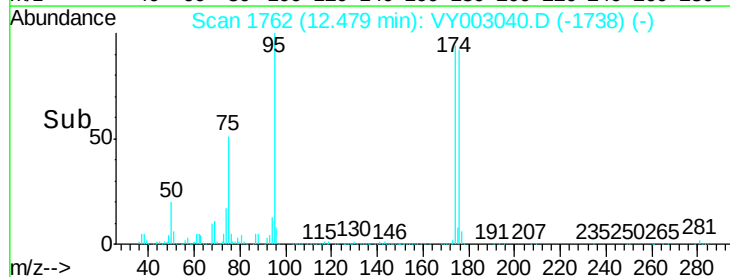
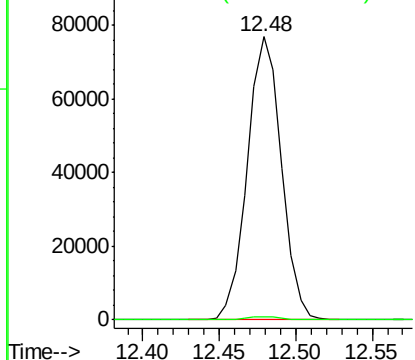
#76

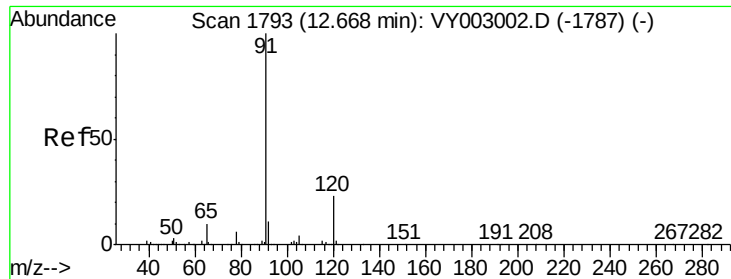
1,2,3-Trichloropropane
Concen: 48.376 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0

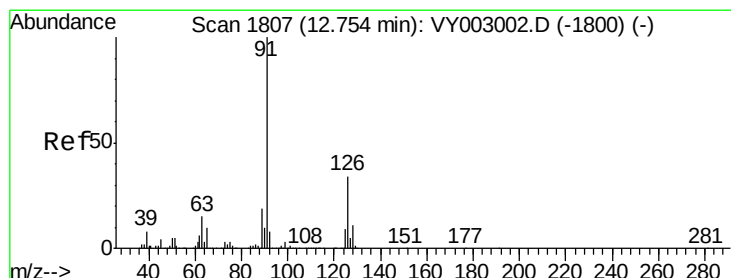
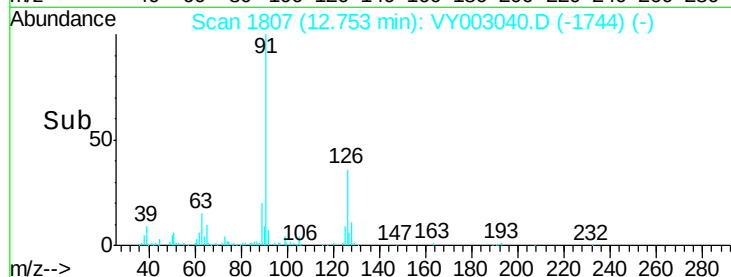
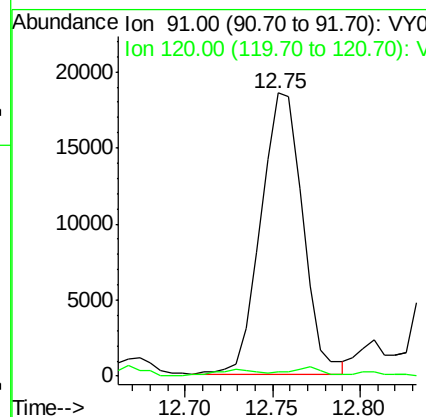
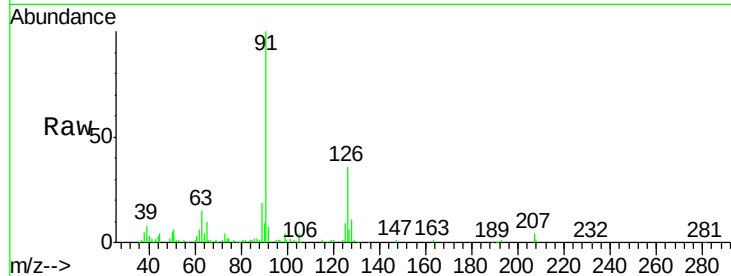




#78
n-propylbenzene
Concen: 1.588 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.08 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

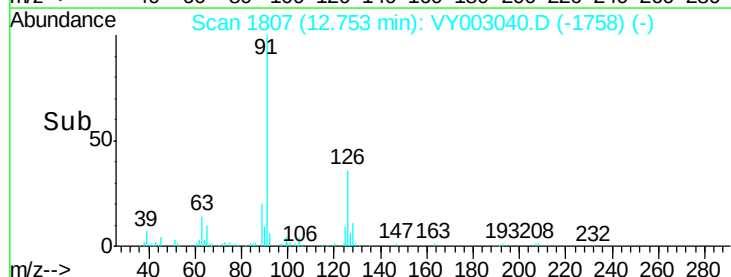
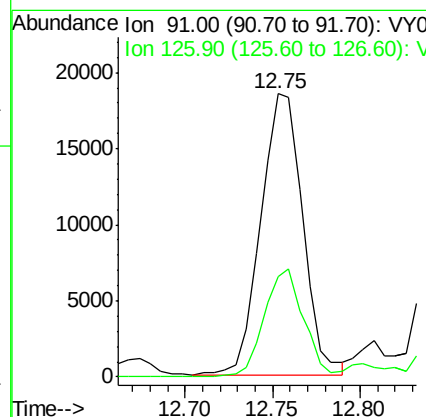
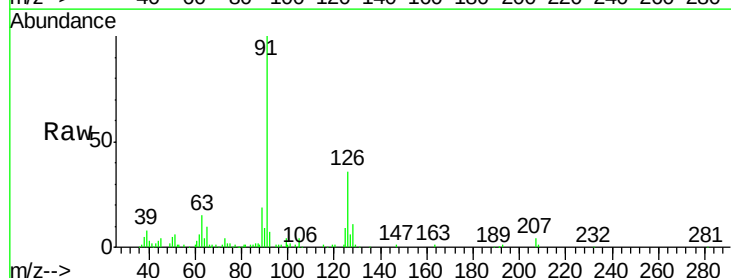
Instrument :
MSVOA_Y
ClientSampleId :

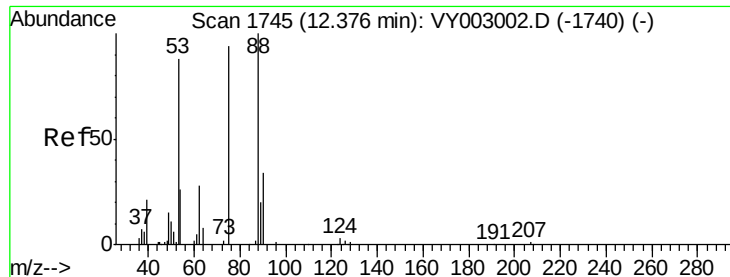
Tot Ion: 91 Resp: 31067
Ion Ratio Lower Upper
91 100
120 2.8 11.5 34.5#



#79
2-Chlorotoluene
Concen: 2.844 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Tgt Ion: 91 Resp: 31067
Ion Ratio Lower Upper
91 100
126 35.5 17.1 51.3

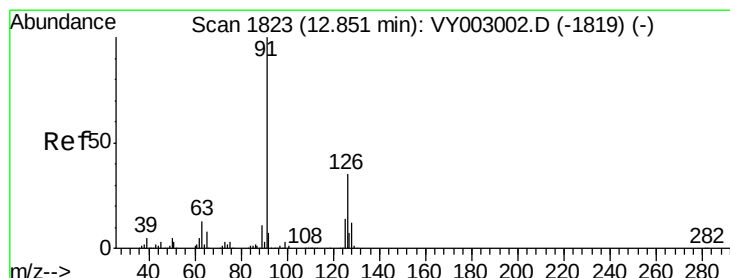
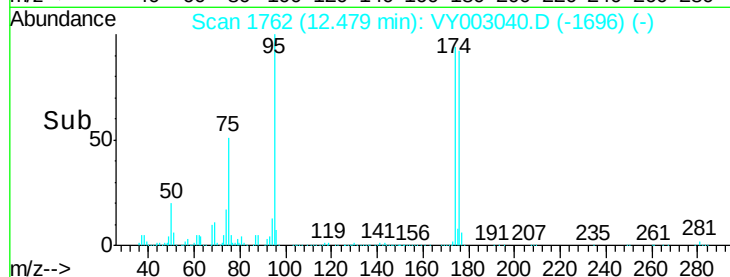
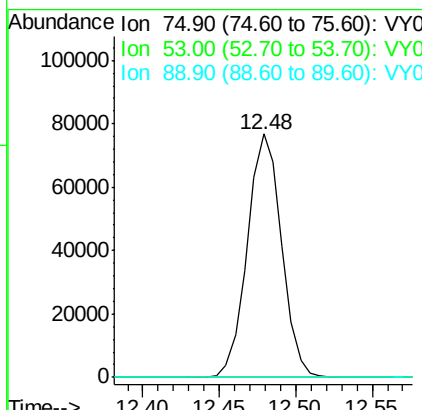
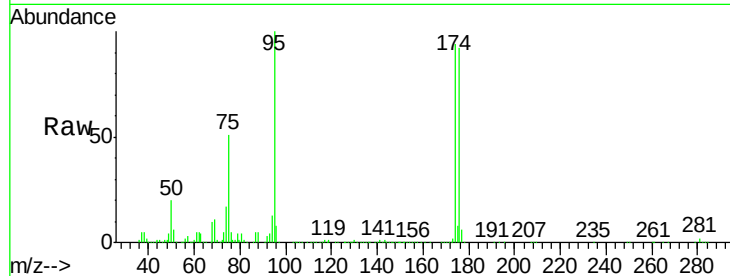




#81
trans-1,4-Dichloro-2-butene
Concen: 94.120 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 119042
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 0.0 37.5 56.3#



#82
4-Chlorotoluene
Concen: 5.189 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Tgt Ion: 91 Resp: 59009
Ion Ratio Lower Upper
91 100
126 36.6 17.4 52.3

