

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003044.D
 Acq On : 30 Jun 2020 18:50
 Operator : SY/MD
 Sample : L3153-19RE
 Misc : 6.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:17:14 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	353501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	565473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	529953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	190903	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	7.72	113	187706	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.18	98	672839	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.48	95	226838	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

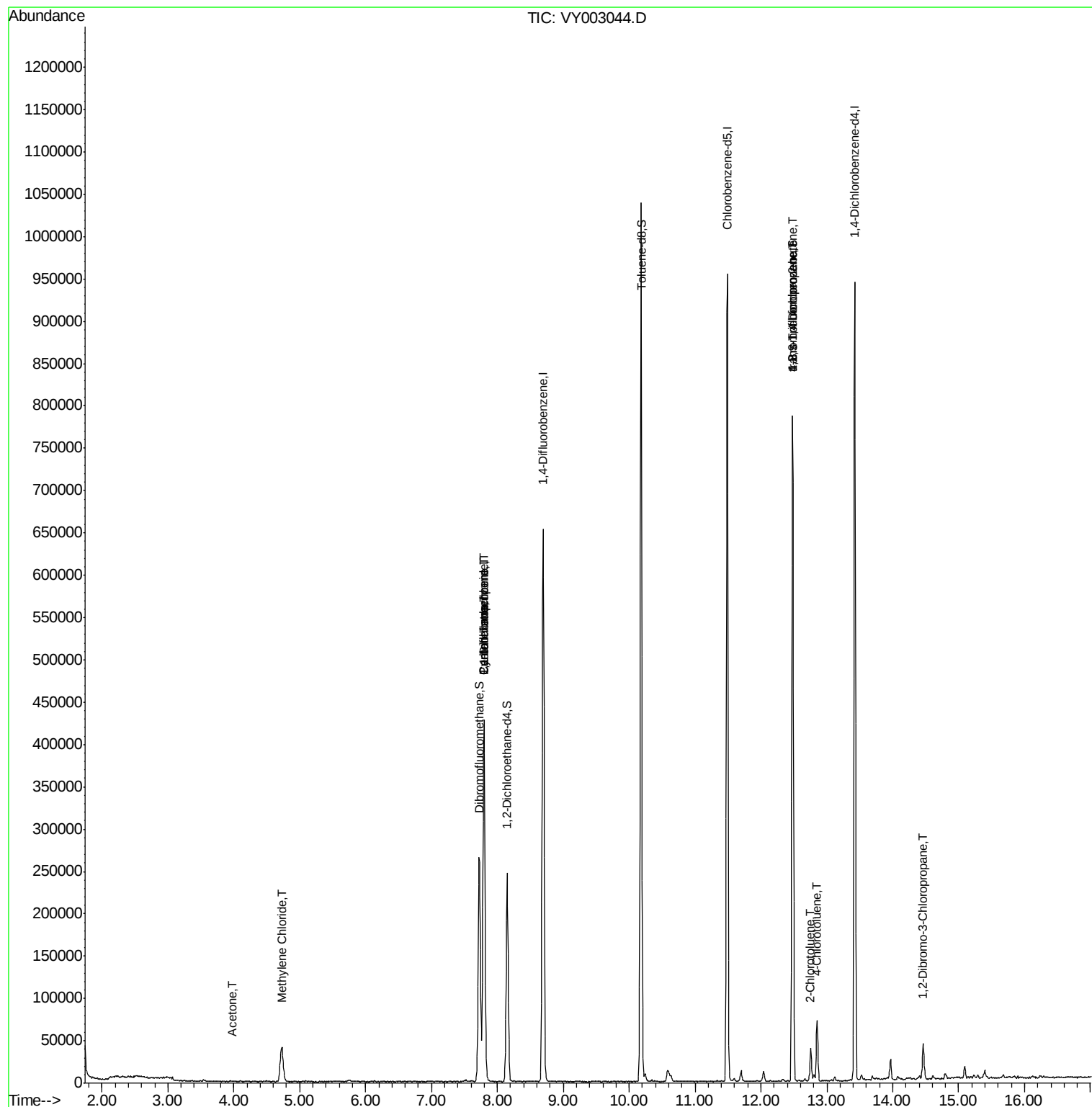
					Qvalue	
16) Acetone	3.97	43	1446	1.746	ug/l	96
20) Methylene Chloride	4.72	84	32098	1.994	ug/l	90
31) Cyclohexane	7.80	56	6767	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	23650	4.342	ug/l #	51
38) Carbon Tetrachloride	7.80	117	30593	5.398	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	117647	48.663	ug/l #	100
79) 2-Chlorotoluene	12.75	91	20764	1.935	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.48	75	117647	94.679	ug/l #	12
82) 4-Chlorotoluene	12.85	91	39978	3.578	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.45	75	1077	1.886	ug/l #	1

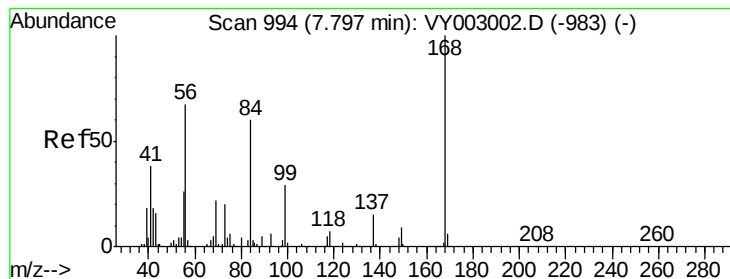
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003044.D
Acq On : 30 Jun 2020 18:50
Operator : SY/MD
Sample : L3153-19RE
Misc : 6.61G/5ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 01 05:17:14 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: VY003044.D

Acq: 30 Jun 2020 18:50

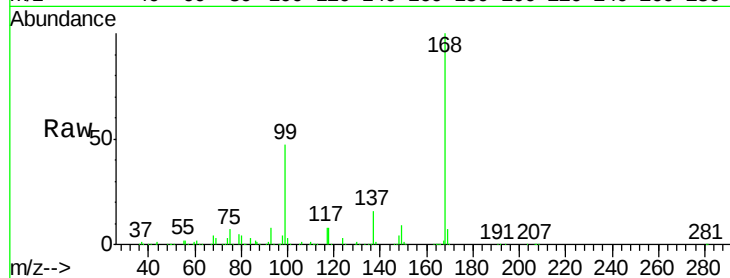
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 353501

Ion Ratio Lower Upper

168 100

99 47.4 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

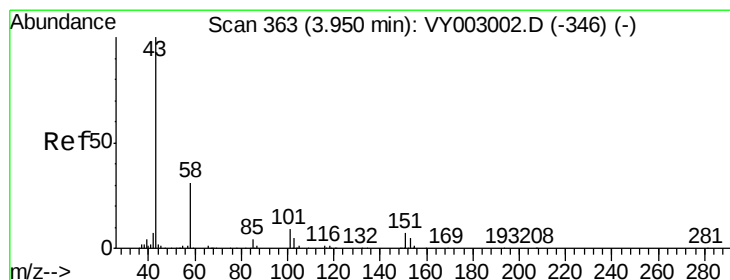
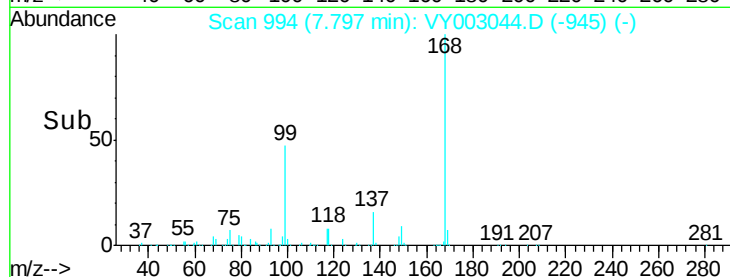
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.746 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY003044.D

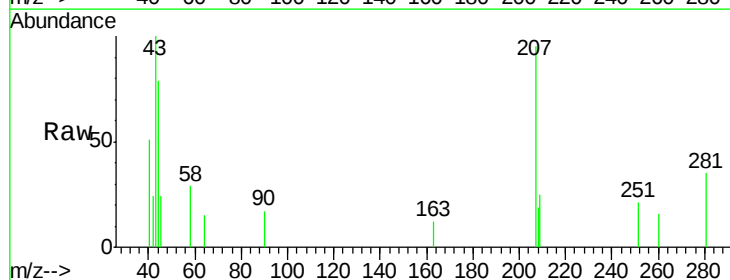
Acq: 30 Jun 2020 18:50

Tgt Ion: 43 Resp: 1446

Ion Ratio Lower Upper

43 100

58 28.9 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

500

400

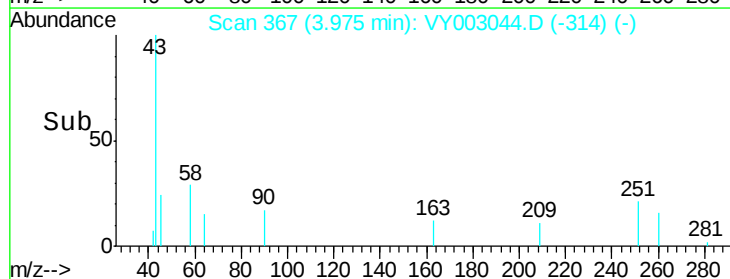
300

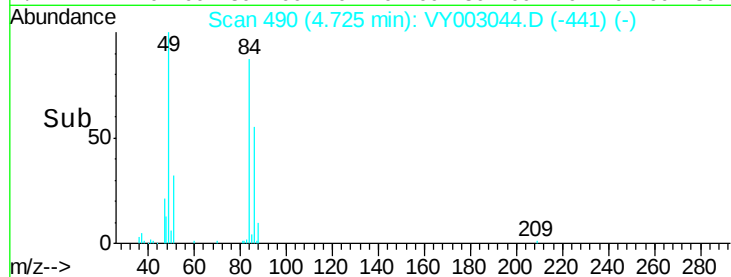
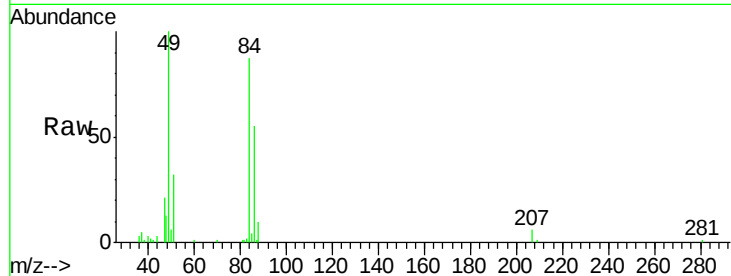
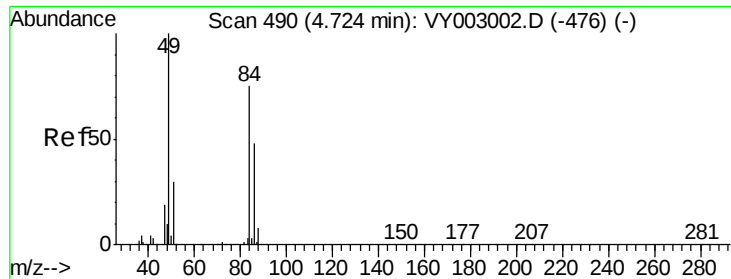
200

100

0

Time-->

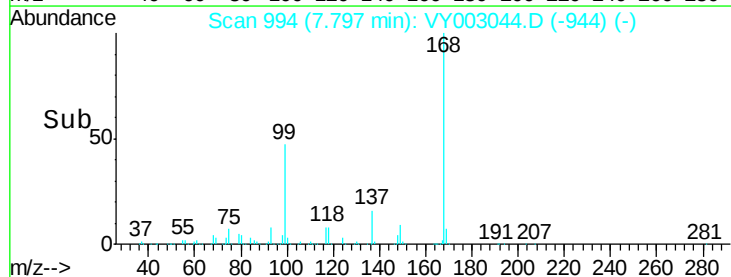
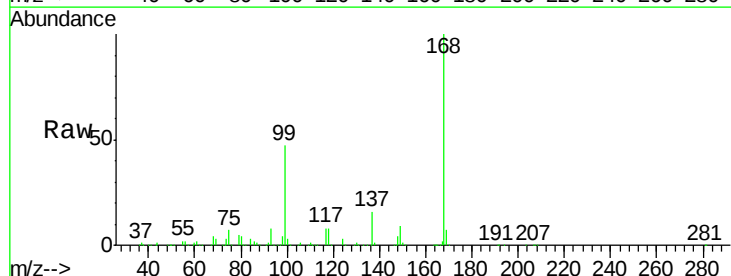
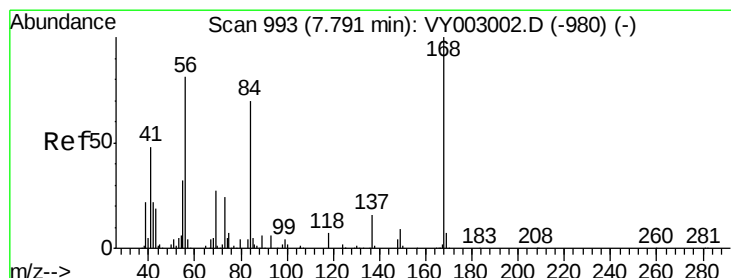
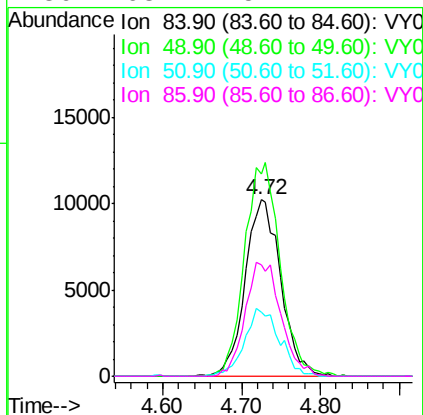




#20
Methvlene Chloride
Concen: 1.994 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

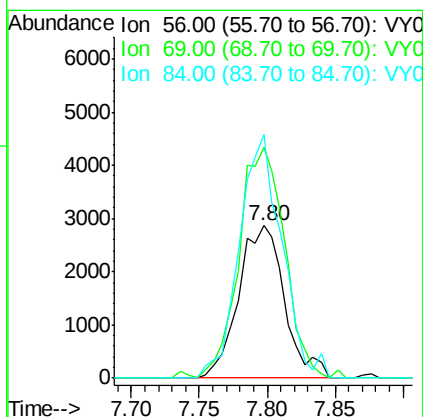
Instrument :
MSVOA_Y
ClientSampleId :

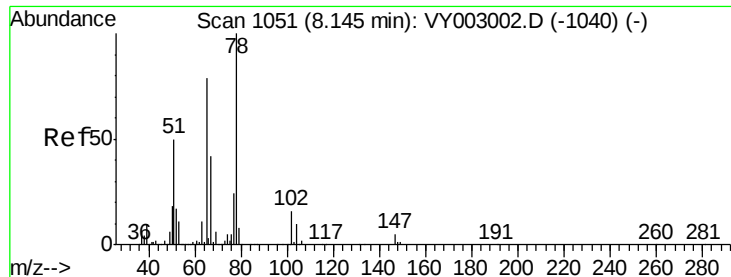
Tot Ion: 84 Resp: 32098
Ion Ratio Lower Upper
84 100
49 114.7 106.8 160.2
51 36.6 32.0 48.0
86 63.4 51.4 77.2



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

Tgt Ion: 56 Resp: 6767
Ion Ratio Lower Upper
56 100
69 150.0 27.0 40.4#
84 159.8 68.1 102.1#





#33

1,2-Dichloroethane-d4

Concen: 54.373 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003044.D

Acq: 30 Jun 2020 18:50

Instrument :

MSVOA_Y

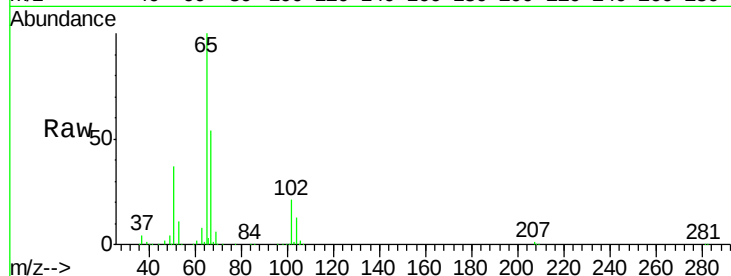
ClientSampleId :

Tot Ion: 65 Resp: 190903

Ion Ratio Lower Upper

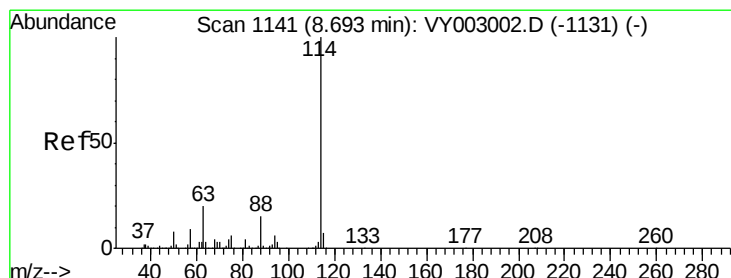
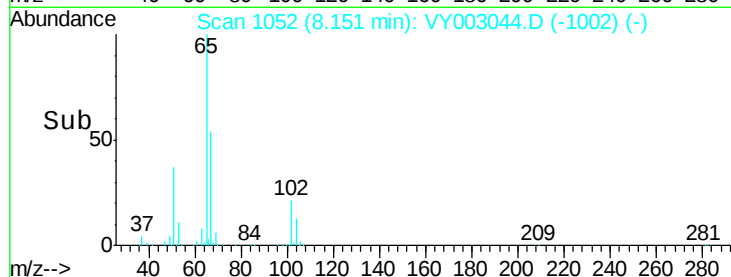
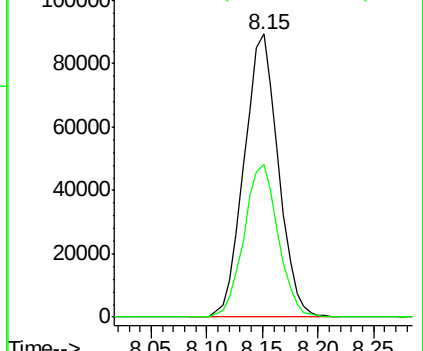
65 100

67 53.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003044.D

Acq: 30 Jun 2020 18:50

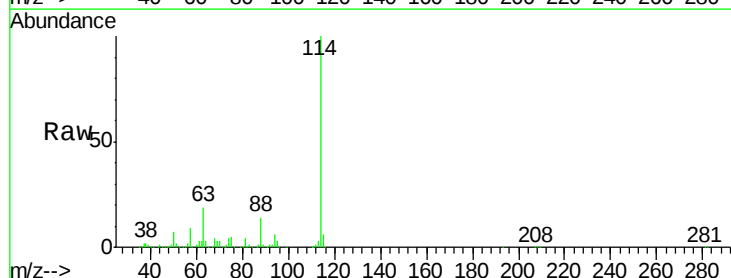
Tgt Ion: 114 Resp: 565473

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

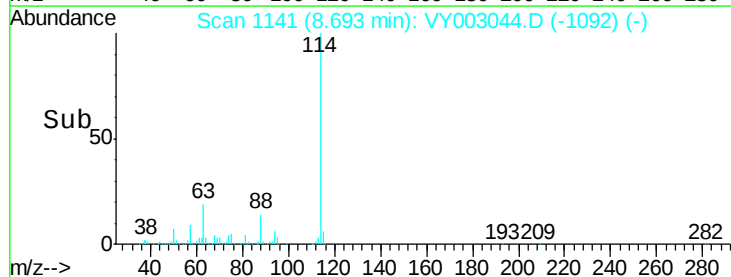
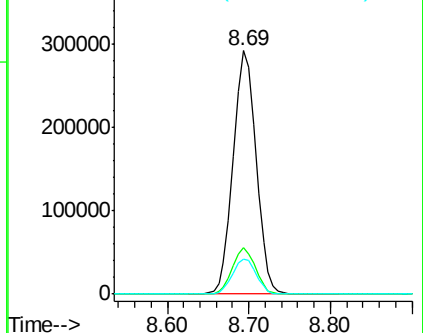
88 14.3 0.0 30.0

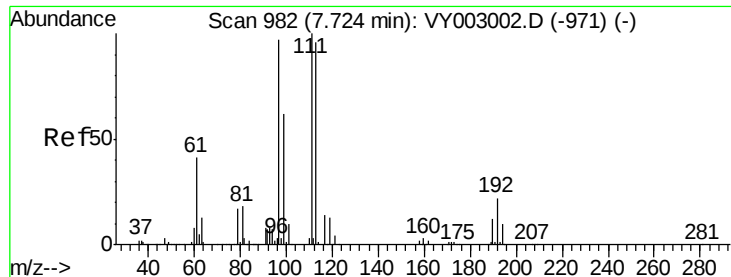


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 53.212 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003044.D

Acq: 30 Jun 2020 18:50

Instrument :
MSVOA_Y
ClientSampleId :

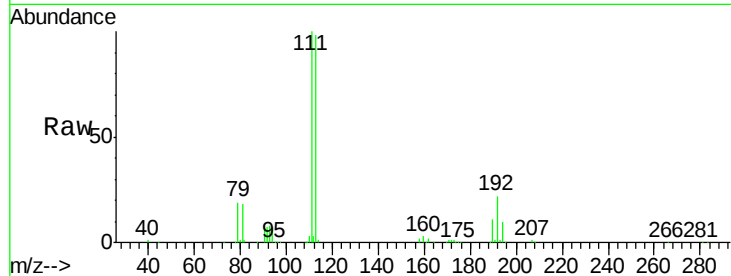
Tot Ion:113 Resp: 187706

Ion Ratio Lower Upper

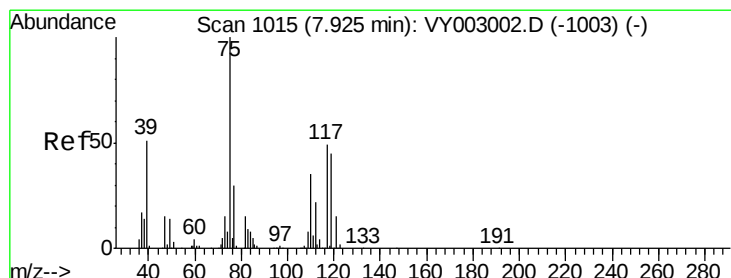
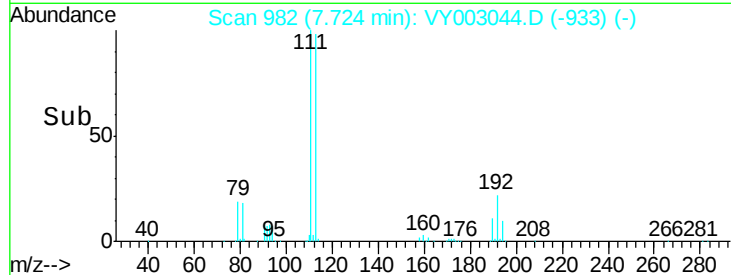
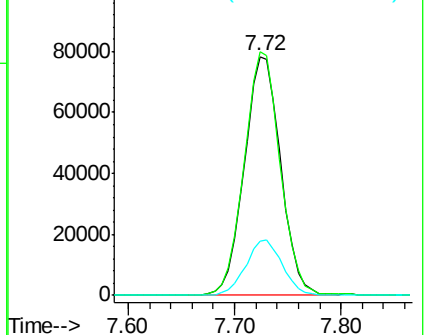
113 100

111 101.4 82.6 123.8

192 23.4 18.1 27.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.342 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003044.D

Acq: 30 Jun 2020 18:50

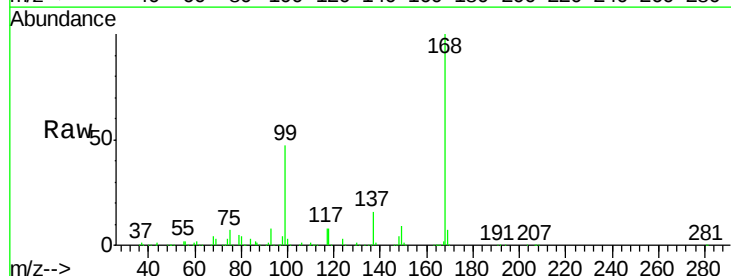
Tgt Ion: 75 Resp: 23650

Ion Ratio Lower Upper

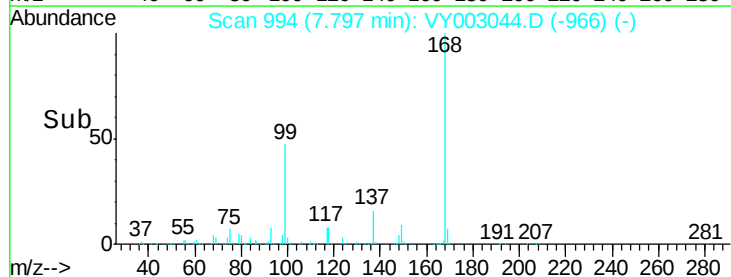
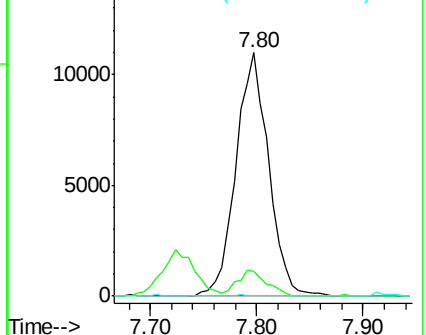
75 100

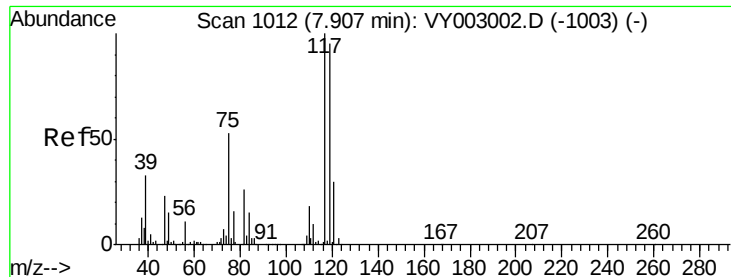
110 9.7 17.1 51.2#

77 0.1 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

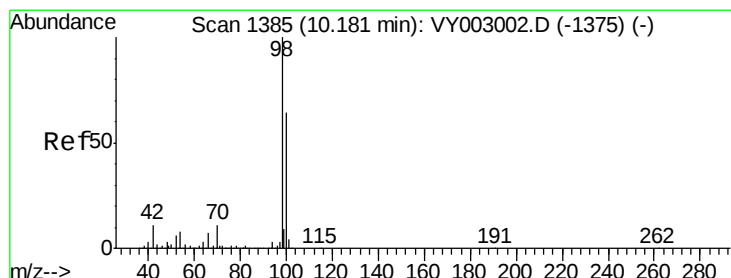
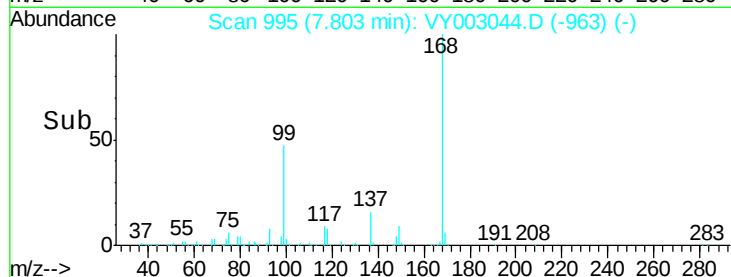
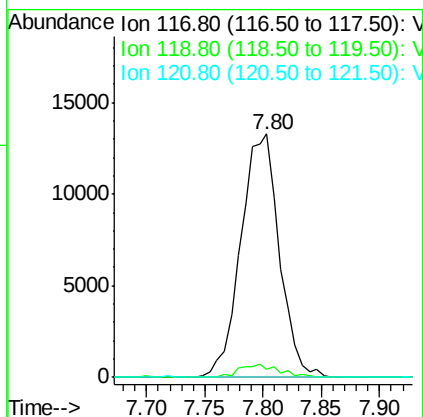
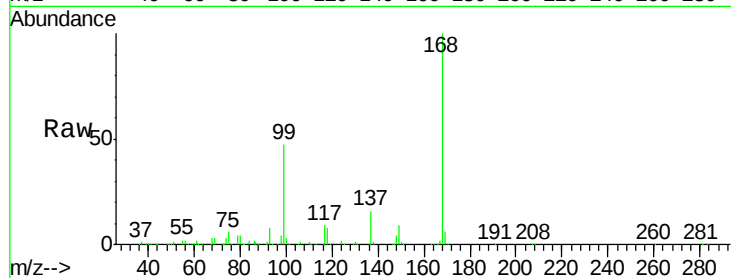




#38
Carbon Tetrachloride
Concen: 5.398 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

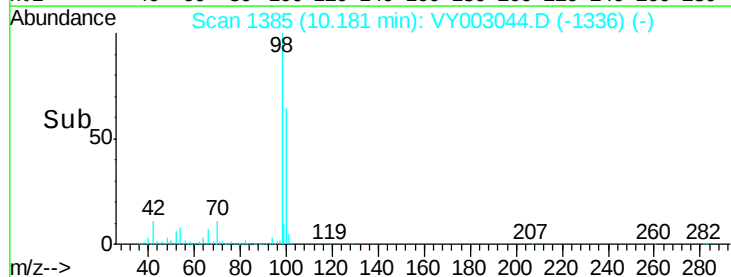
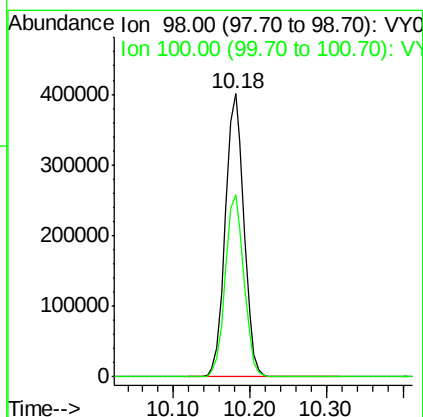
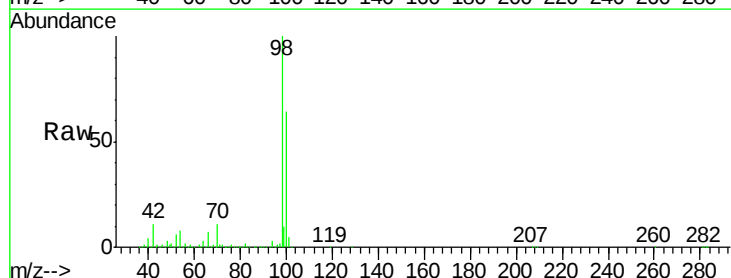
Instrument :
MSVOA_Y
ClientSampleId :

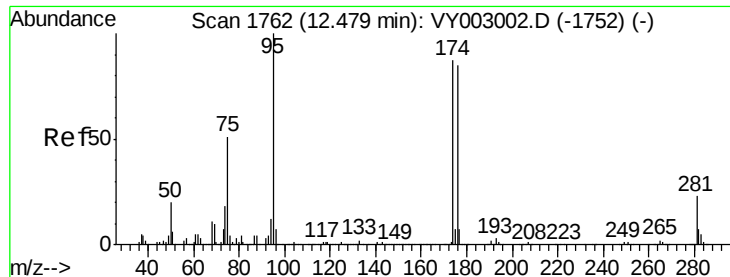
Tot Ion:117 Resp: 30593
Ion Ratio Lower Upper
117 100
119 3.4 75.7 113.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 51.199 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

Tgt Ion: 98 Resp: 672839
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7

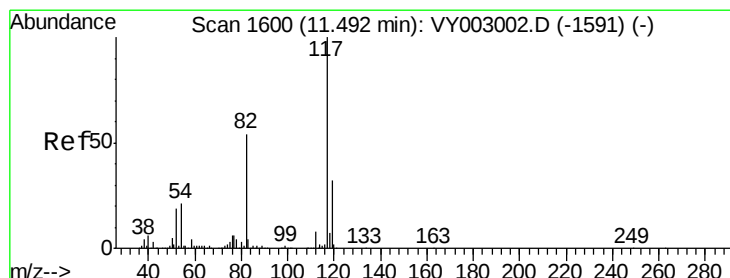
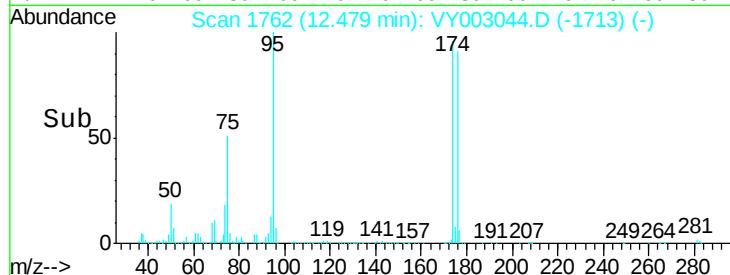
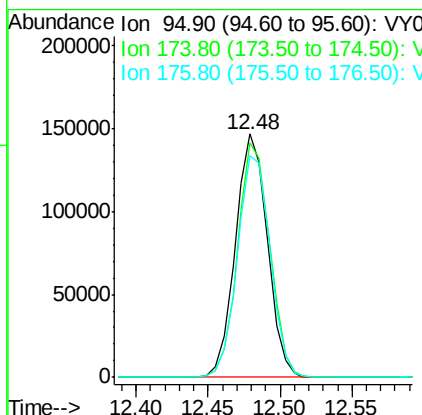
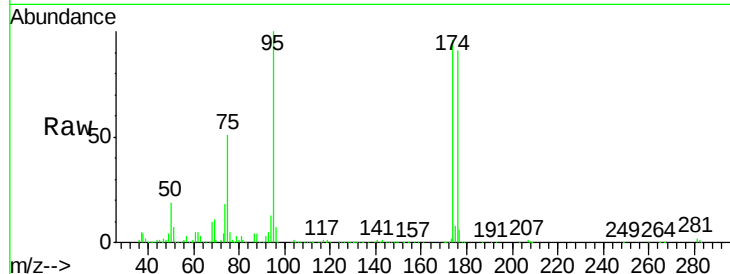




#62
4-Bromofluorobenzene
Concen: 49.037 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

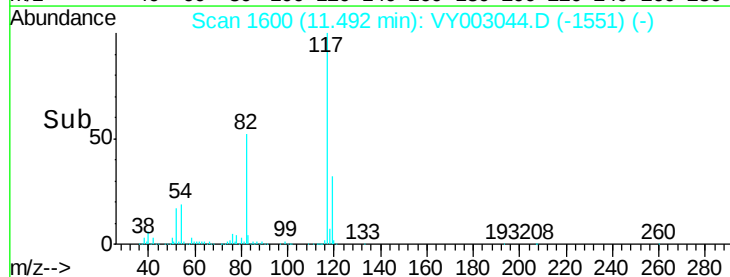
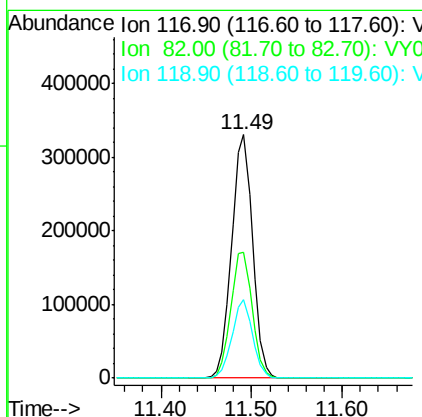
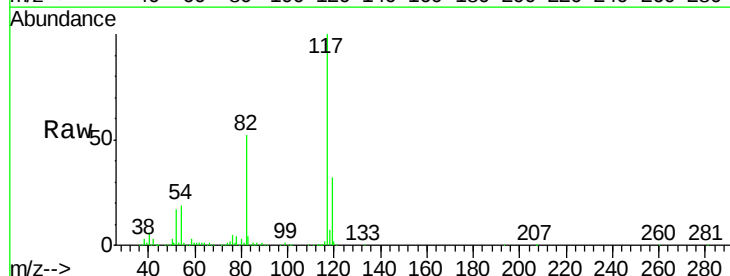
Instrument :
MSVOA_Y
ClientSampleId :

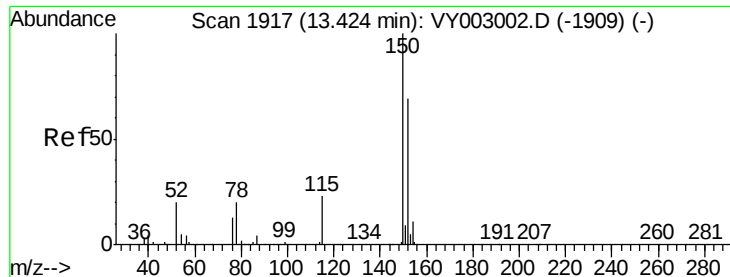
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	184.8
176	93.0	0.0	183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.0	64.6
119	32.2	25.8	38.8



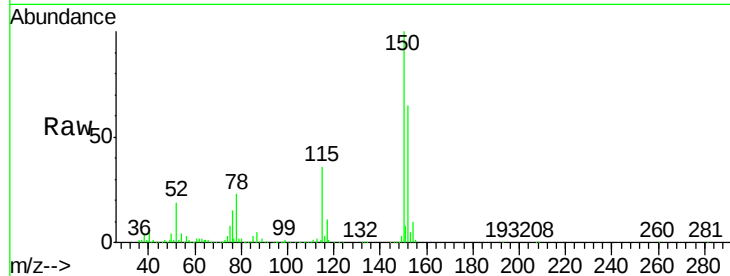


#72

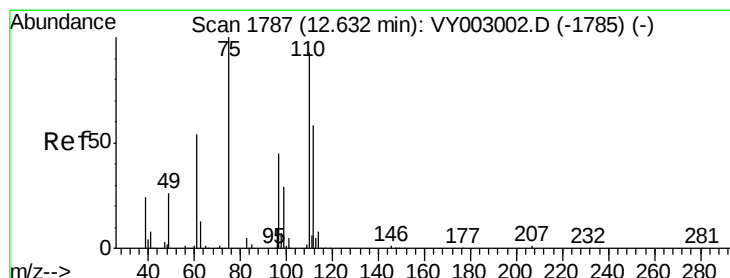
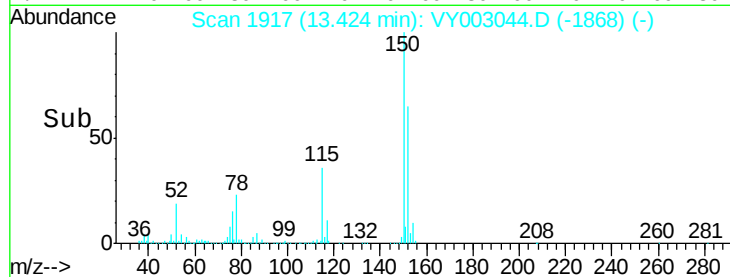
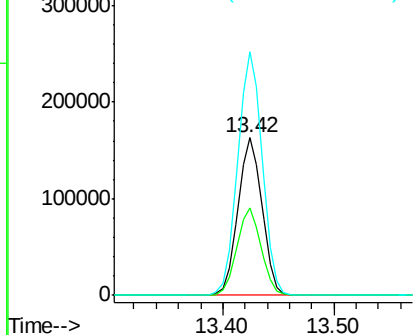
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	156.6	0.0	343.4



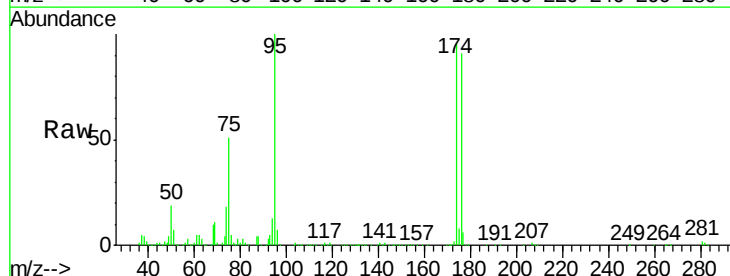
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



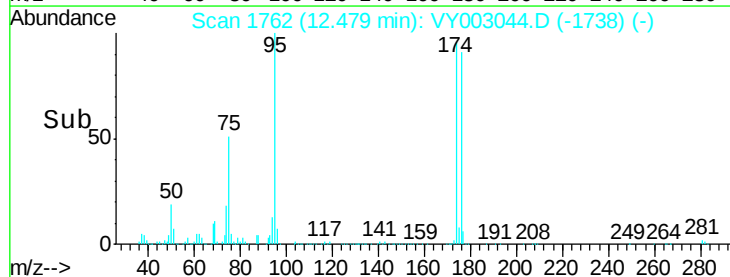
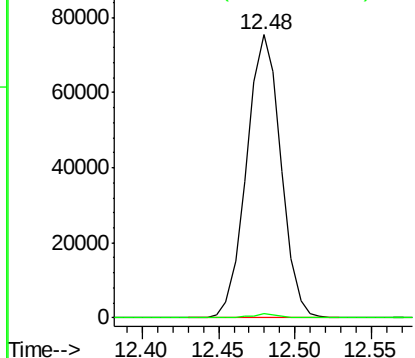
#76

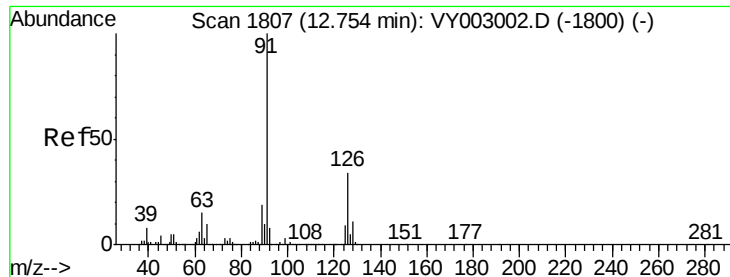
1,2,3-Trichloropropane
Concen: 48.663 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

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

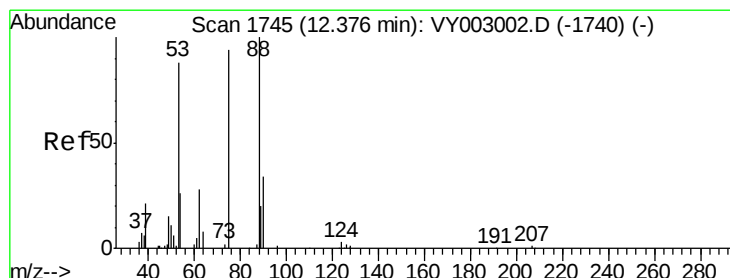
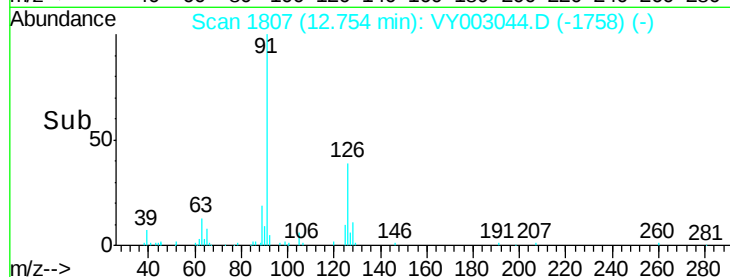
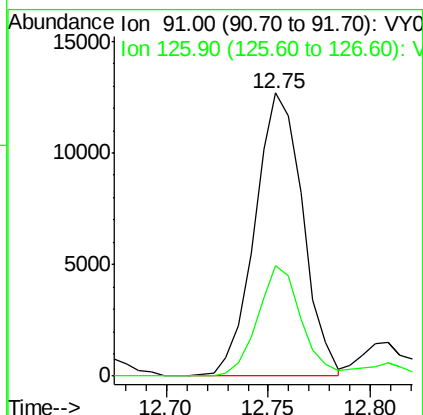
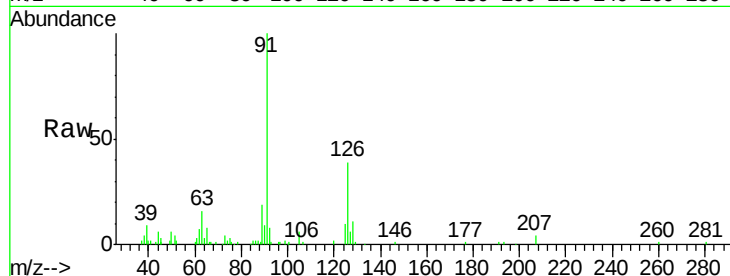




#79
2-Chlorotoluene
Concen: 1.935 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

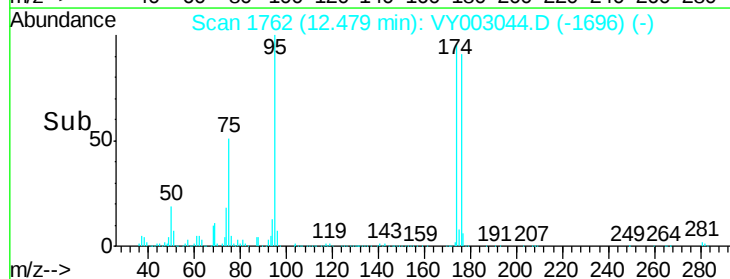
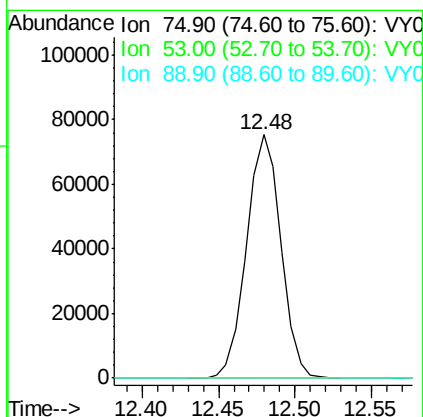
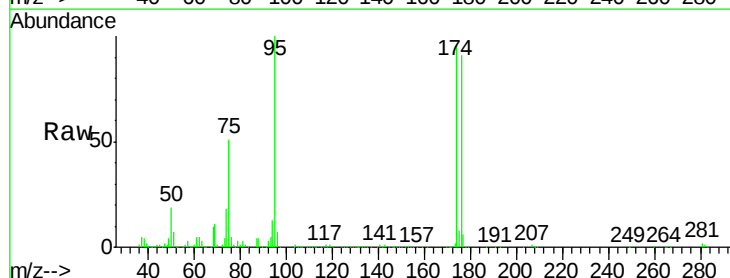
Instrument :
MSVOA_Y
ClientSampleId :

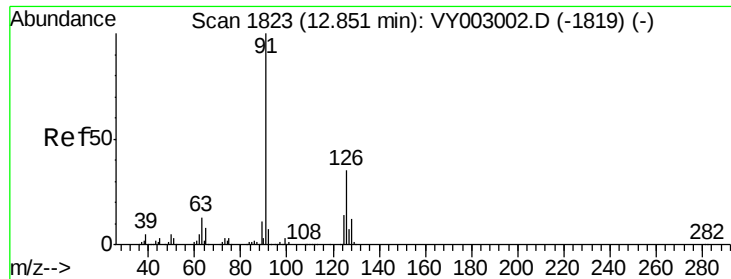
Tot Ion: 91 Resp: 20764
Ion Ratio Lower Upper
91 100
126 35.7 17.1 51.3



#81
trans-1,4-Dichloro-2-butene
Concen: 94.679 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

Tgt Ion: 75 Resp: 117647
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 0.1 37.5 56.3#

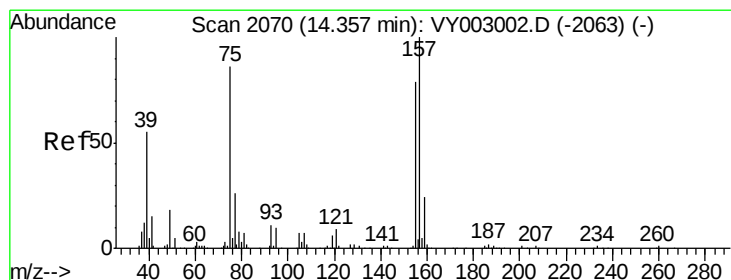
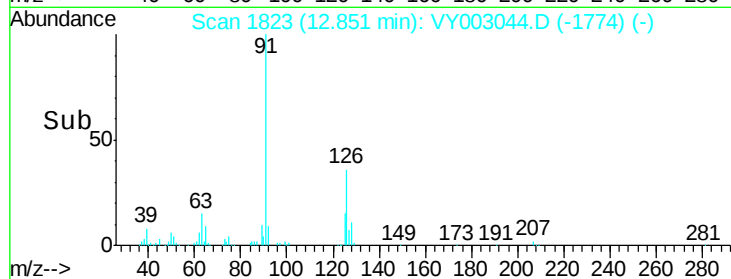
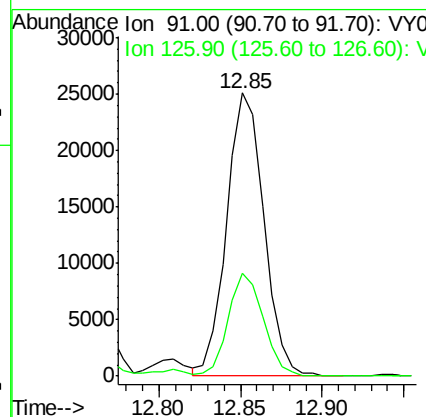
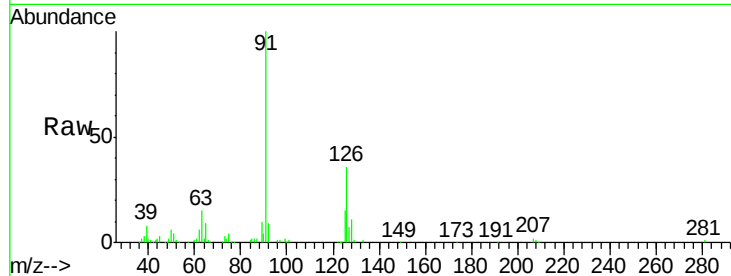




#82
 4-Chlorotoluene
 Concen: 3.578 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: VY003044.D
 Acq: 30 Jun 2020 18:50

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 91 Resp: 39978
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.4 52.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.886 ug/l
 RT: 14.45 min Scan# 2086
 Delta R.T. 0.10 min
 Lab File: VY003044.D
 Acq: 30 Jun 2020 18:50

Tgt Ion: 75 Resp: 1077
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.5 139.3#
 157 0.0 59.2 177.5#

