

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003254.D
 Acq On : 21 Jul 2020 17:18
 Operator : SY/MD
 Sample : VY0721SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

Quant Time: Jul 22 02:41:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

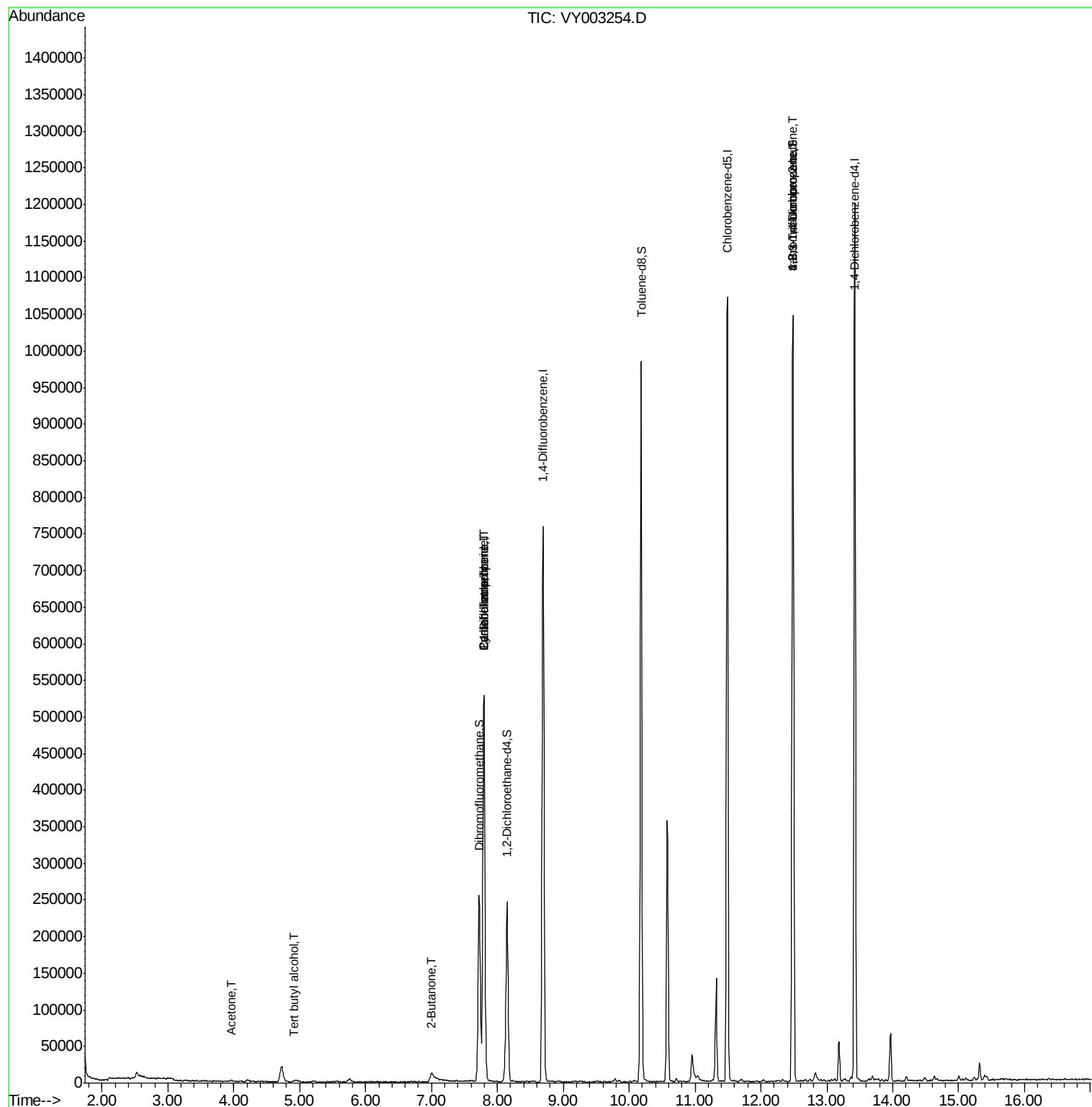
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	651382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	605654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	311998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	185675	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
35) Dibromofluoromethane	7.72	113	178912	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	10.18	98	646209	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
62) 4-Bromofluorobenzene	12.48	95	231628	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.93	59	1029	2.588	ug/l #	72
16) Acetone	3.96	43	3526	4.294	ug/l #	84
20) Methylene Chloride	4.72	84	17003	Below Cal		99
25) 2-Butanone	7.01	43	2127	1.578	ug/l #	74
31) Cyclohexane	7.80	56	7745	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	29538	5.003	ug/l #	50
38) Carbon Tetrachloride	7.80	117	38955	6.392	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	120609	43.672	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	120609	84.994	ug/l #	14

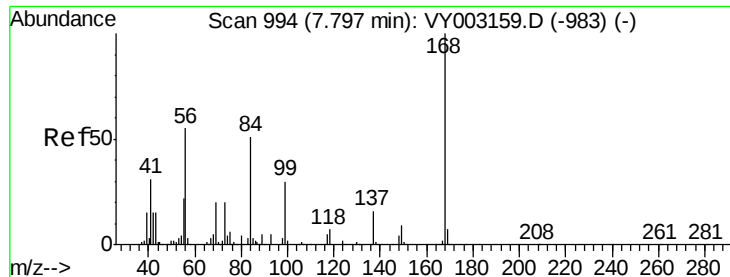
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
Data File : VY003254.D
Acq On : 21 Jul 2020 17:18
Operator : SY/MD
Sample : VY0721SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003254.D

Acq: 21 Jul 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

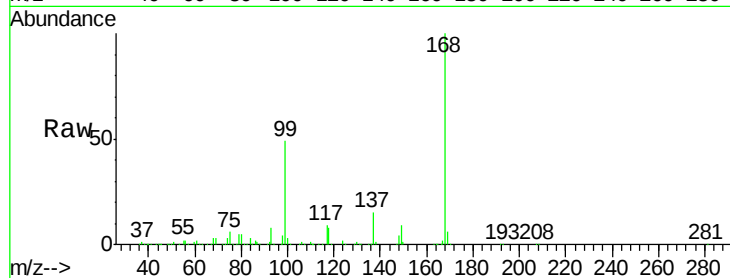
VY0721SBL01

Tot Ion:168 Resp: 435575

Ion Ratio Lower Upper

168 100

99 49.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

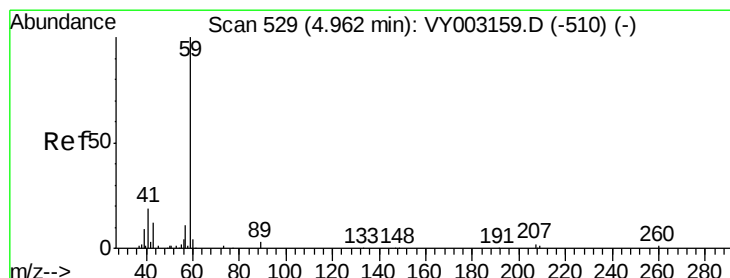
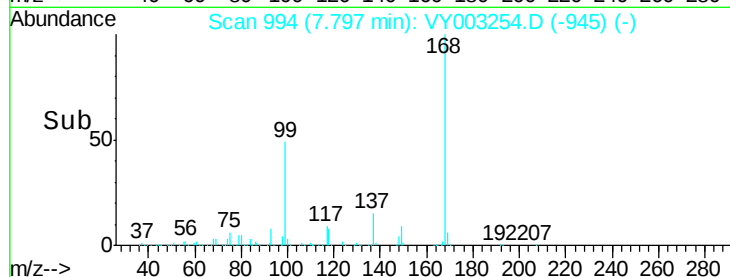
100000

50000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 2.588 ug/l

RT: 4.93 min Scan# 523

Delta R.T. -0.04 min

Lab File: VY003254.D

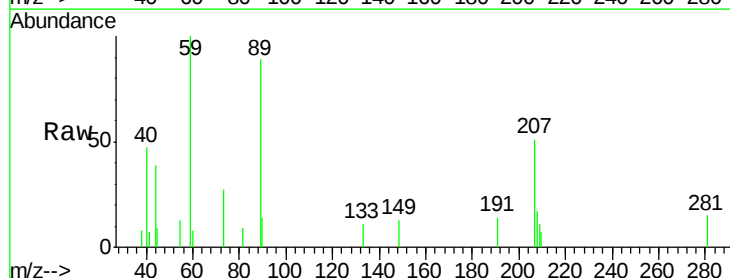
Acq: 21 Jul 2020 17:18

Tgt Ion: 59 Resp: 1029

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003159.D (-510) (-)

Ion 57.00 (56.70 to 57.70): VY003159.D (-510) (-)

4.93

800

600

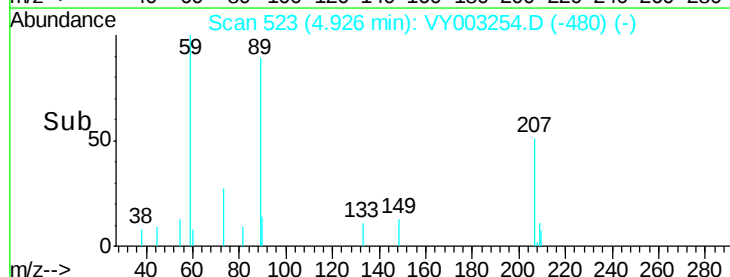
400

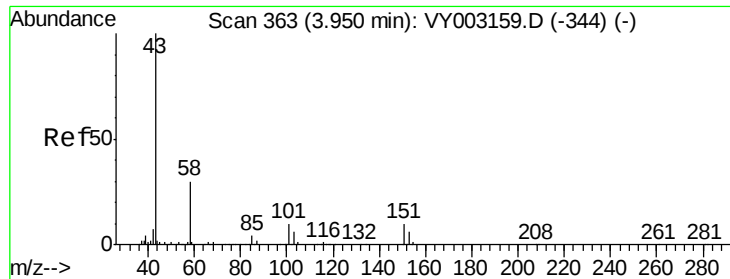
200

0

4.85 4.90 4.95

Time-->





#16

Acetone

Concen: 4.294 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003254.D

Acq: 21 Jul 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

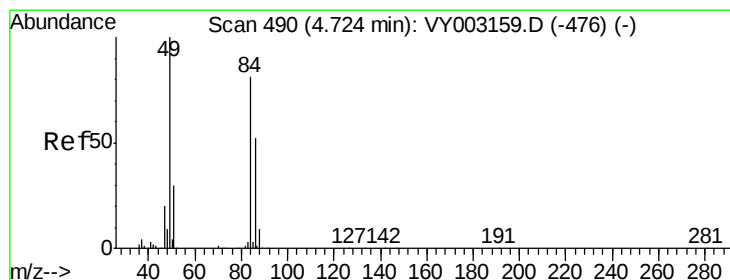
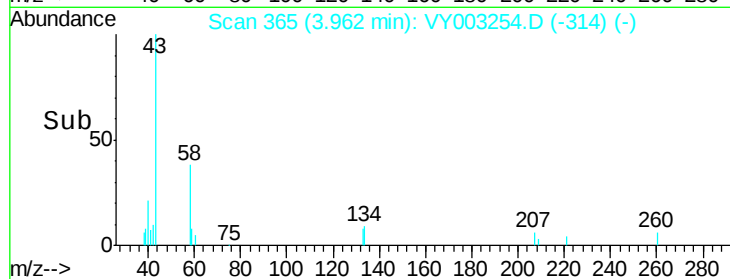
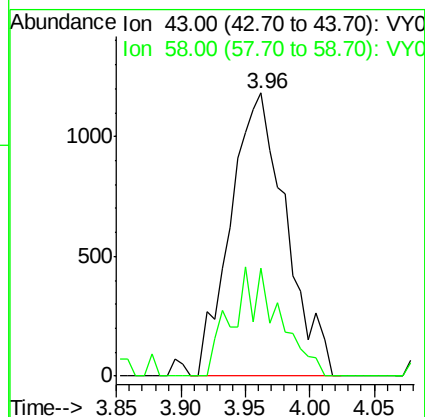
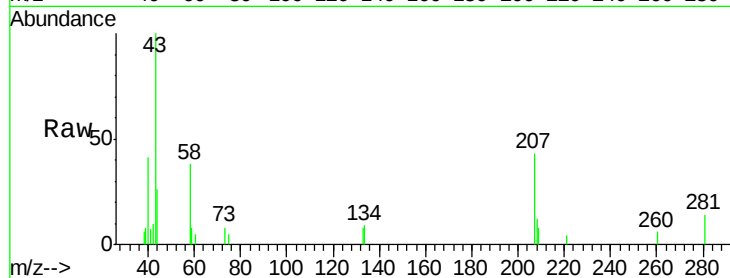
VY0721SBL01

Tot Ion: 43 Resp: 3526

Ion Ratio Lower Upper

43 100

58 38.2 23.8 35.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003254.D

Acq: 21 Jul 2020 17:18

Tgt Ion: 84 Resp: 17003

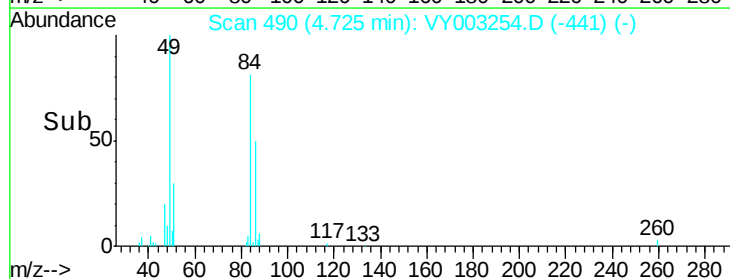
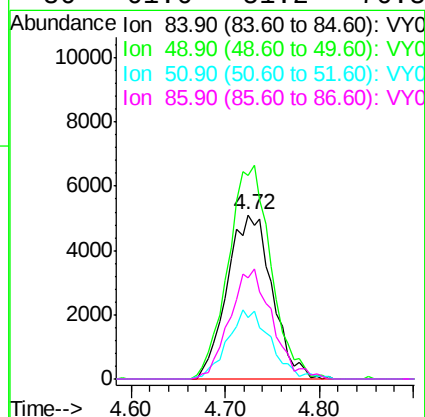
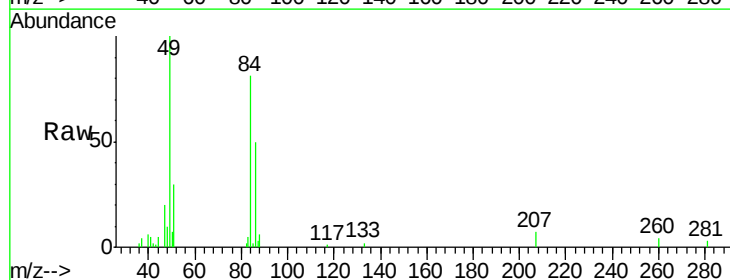
Ion Ratio Lower Upper

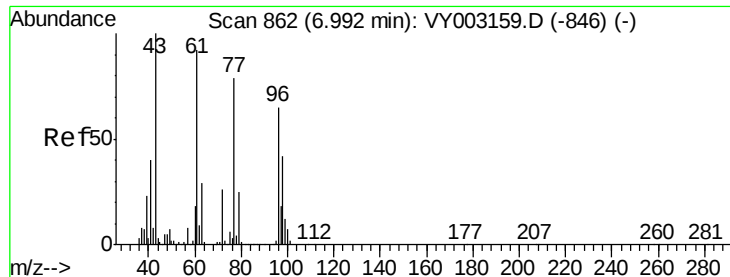
84 100

49 123.4 98.2 147.4

51 37.5 29.8 44.6

86 61.6 51.2 76.8

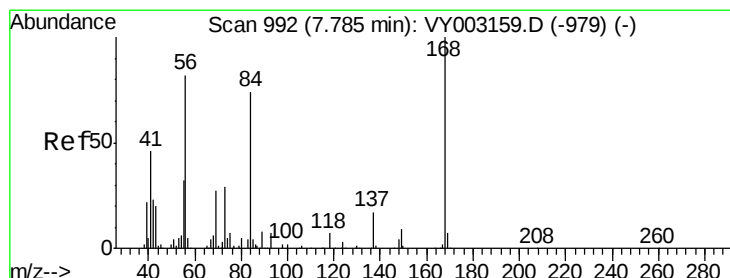
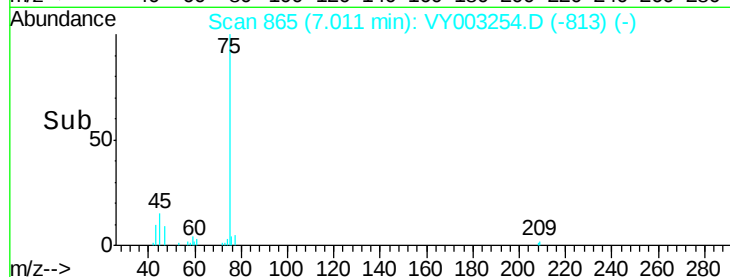
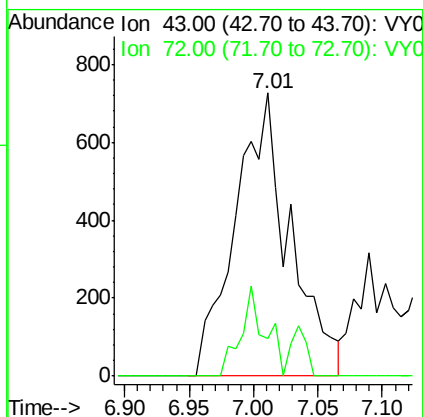
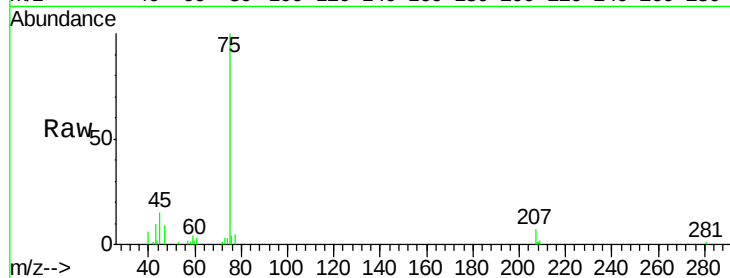




#25
2-Butanone
Concen: 1.578 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.02 min
Lab File: VY003254.D
Acq: 21 Jul 2020 17:18

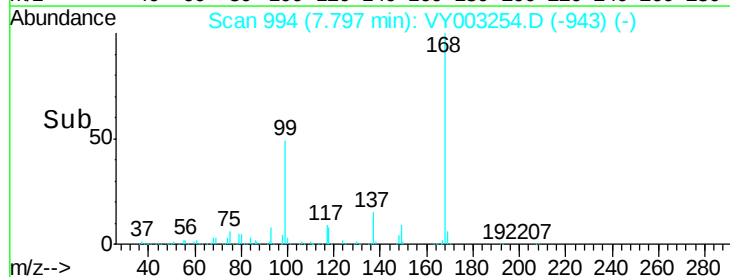
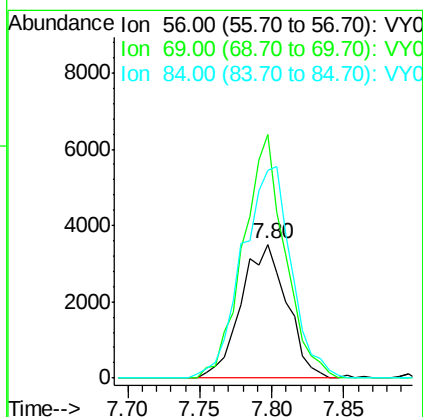
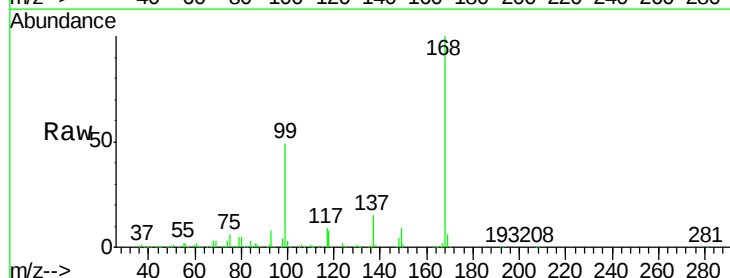
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

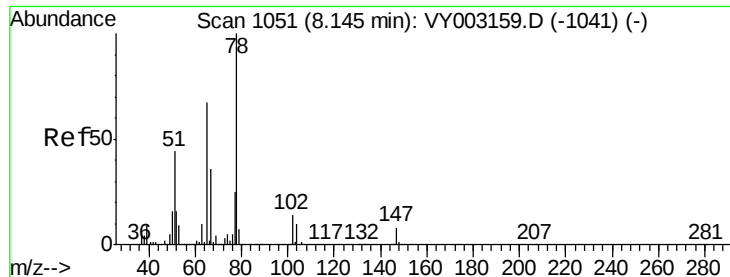
Tot Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
72 13.1 20.9 31.3#



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003254.D
Acq: 21 Jul 2020 17:18

Tgt Ion: 56 Resp: 7745
Ion Ratio Lower Upper
56 100
69 182.3 26.7 40.1#
84 158.2 72.3 108.5#

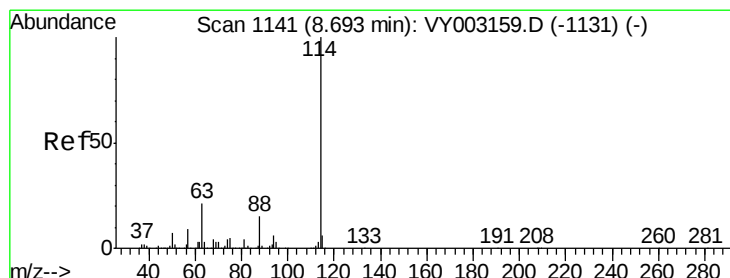
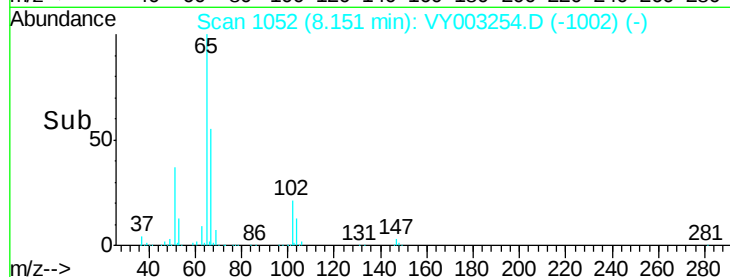
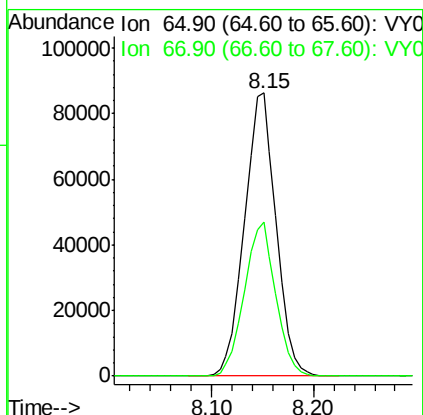
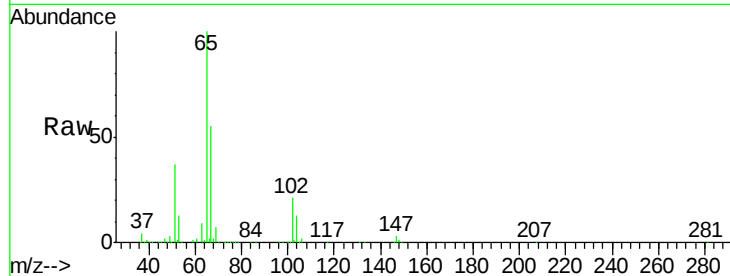




#33
 1,2-Dichloroethane-d4
 Concen: 50.505 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003254.D
 Acq: 21 Jul 2020 17:18

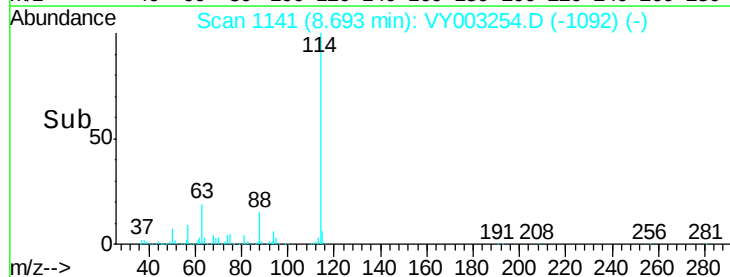
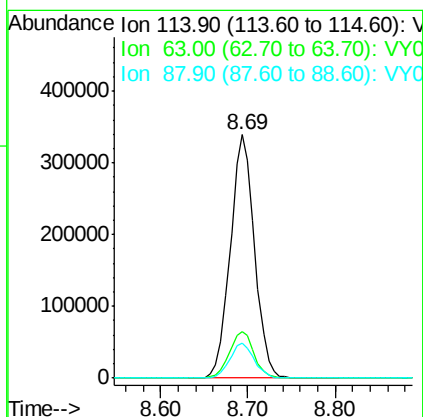
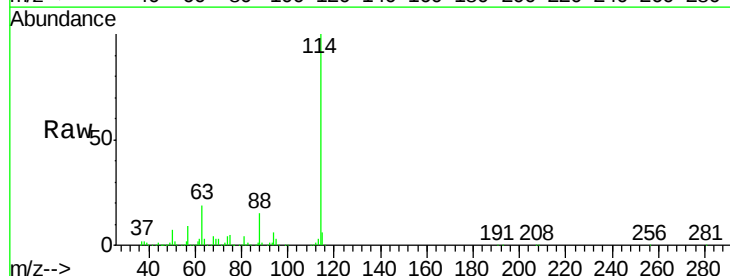
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

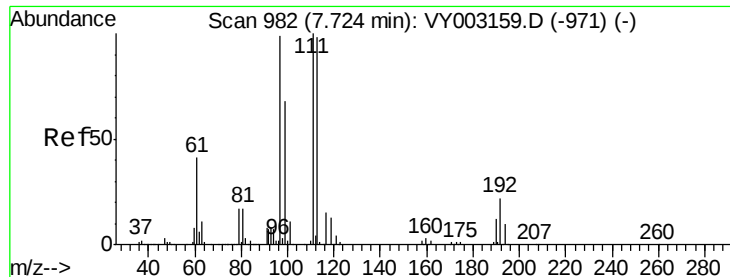
Tot Ion: 65 Resp: 185675
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003254.D
 Acq: 21 Jul 2020 17:18

Tgt Ion: 114 Resp: 651382
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.2
 88 14.5 0.0 30.2

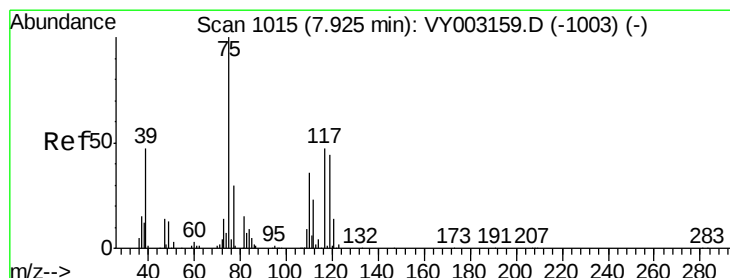
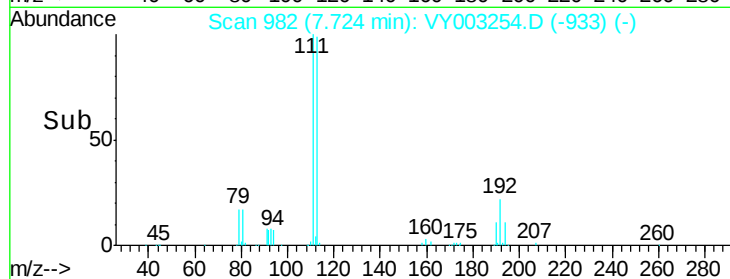
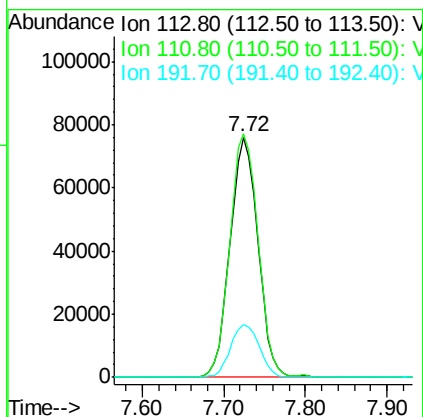
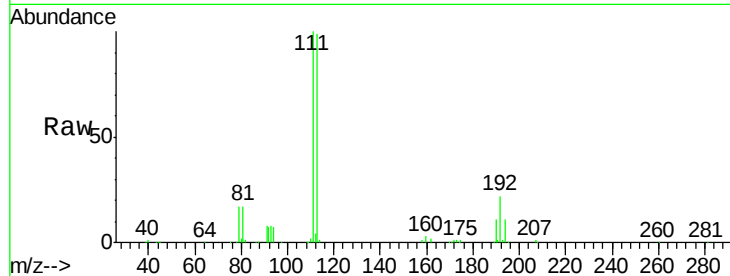




#35
 Dibromofluoromethane
 Concen: 47.728 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003254.D
 Acq: 21 Jul 2020 17:18

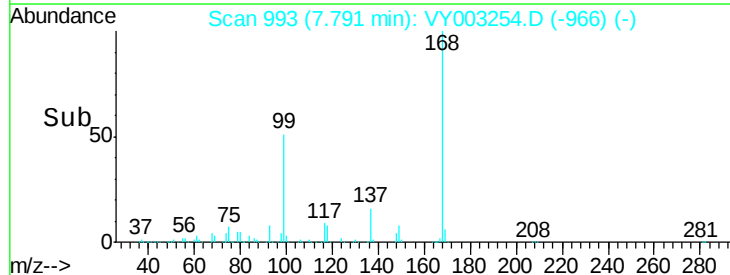
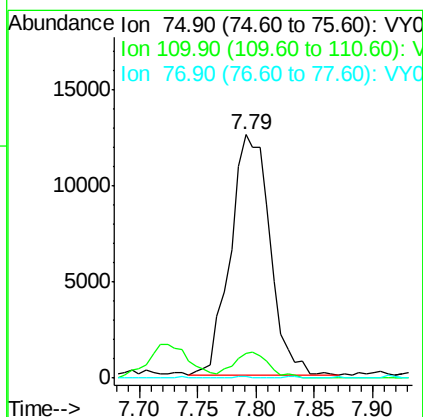
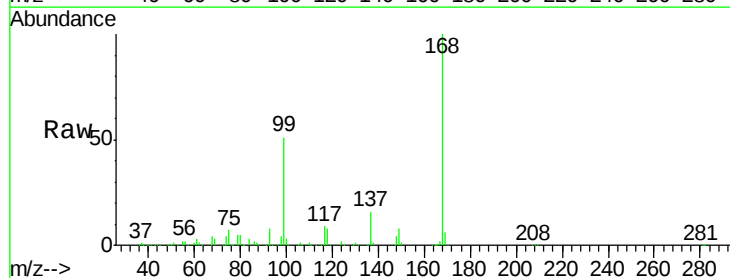
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

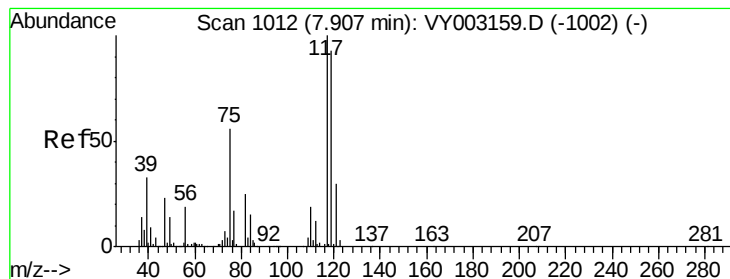
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.1	123.1
192	22.7	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003254.D
 Acq: 21 Jul 2020 17:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.392 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003254.D

Acq: 21 Jul 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBL01

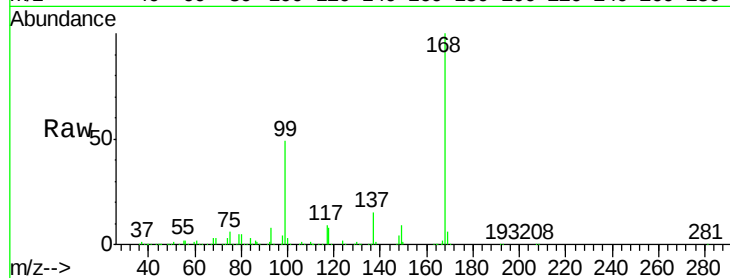
Tot Ion:117 Resp: 38955

Ion Ratio Lower Upper

117 100

119 5.8 74.5 111.7#

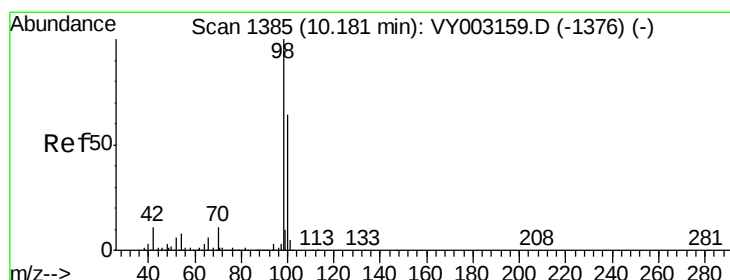
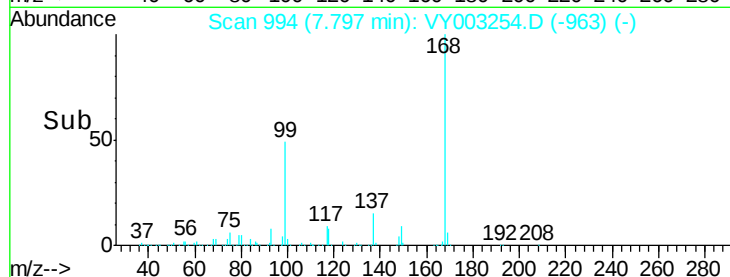
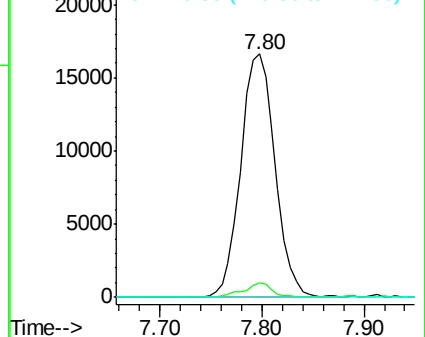
121 0.0 24.2 36.2#



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: 46.368 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003254.D

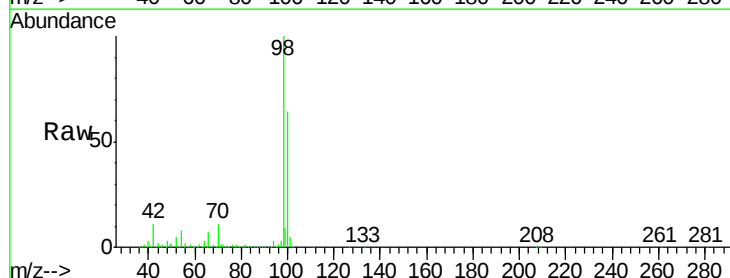
Acq: 21 Jul 2020 17:18

Tgt Ion: 98 Resp: 646209

Ion Ratio Lower Upper

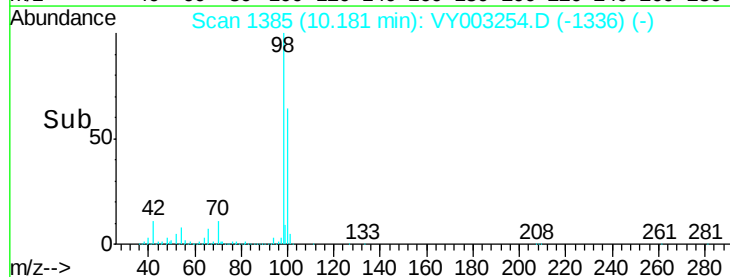
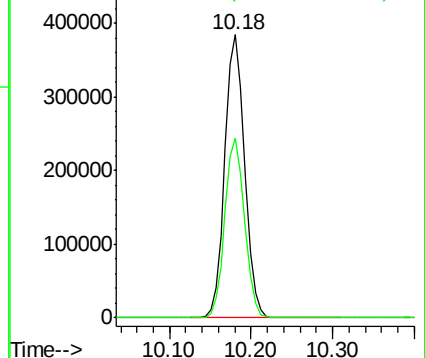
98 100

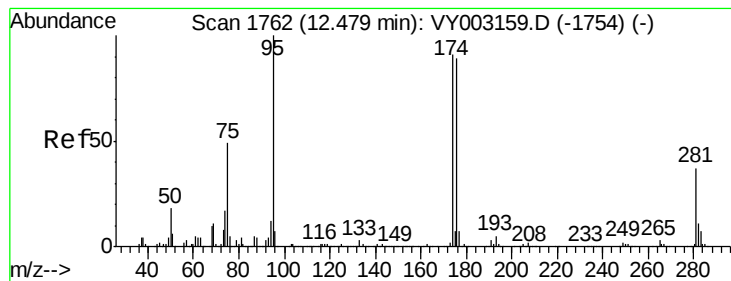
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.006 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003254.D

Acq: 21 Jul 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBL01

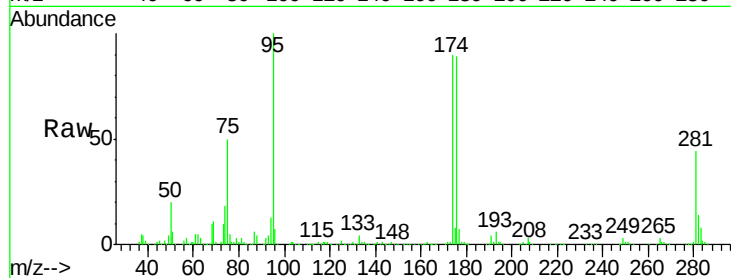
Tot Ion: 95 Resp: 231628

Ion Ratio Lower Upper

95 100

174 94.7 0.0 190.6

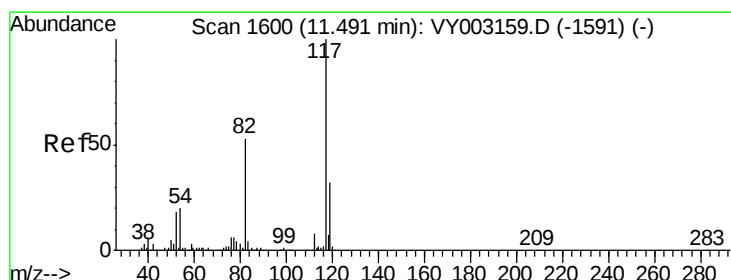
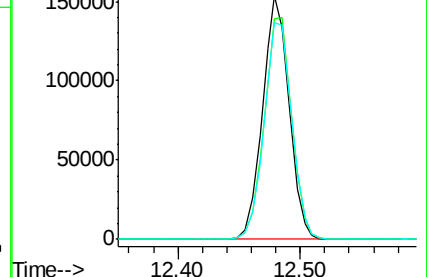
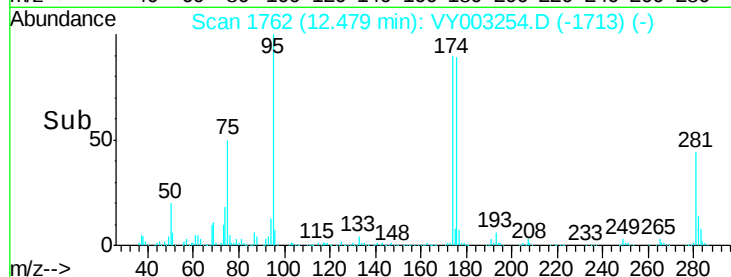
176 93.6 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003254.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003254.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003254.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003254.D

Acq: 21 Jul 2020 17:18

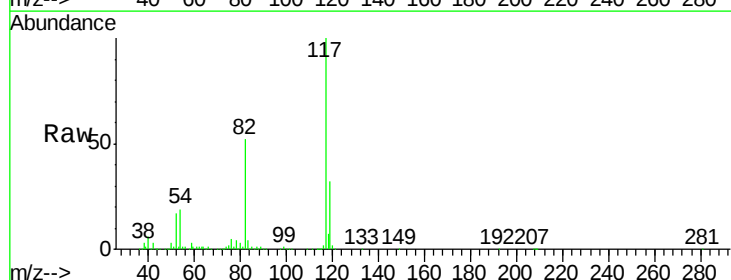
Tgt Ion: 117 Resp: 605654

Ion Ratio Lower Upper

117 100

82 51.7 42.0 63.0

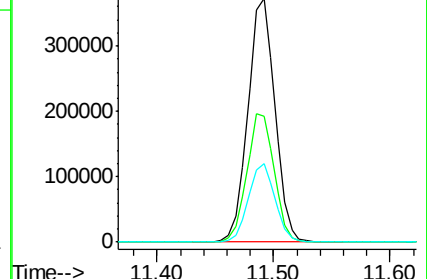
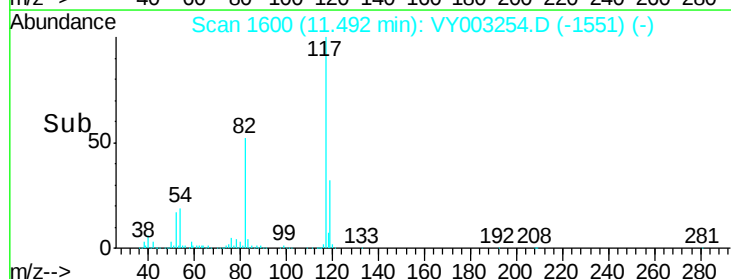
119 32.5 25.5 38.3

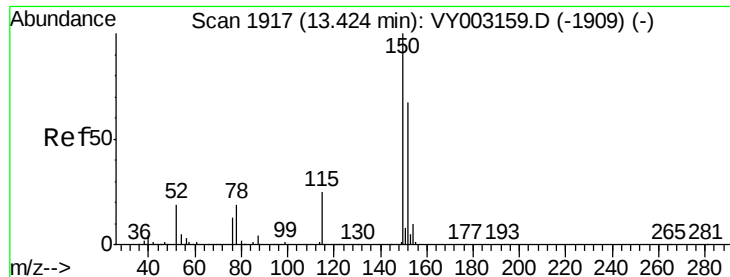


Abundance Ion 116.90 (116.60 to 117.60): VY003254.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003254.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003254.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003254.D

Acq: 21 Jul 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBL01

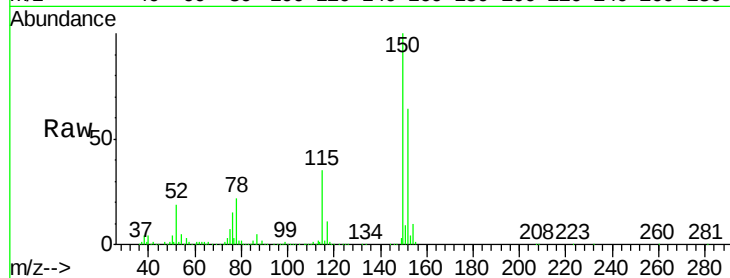
Tot Ion:152 Resp: 311998

Ion Ratio Lower Upper

152 100

115 54.6 26.9 80.7

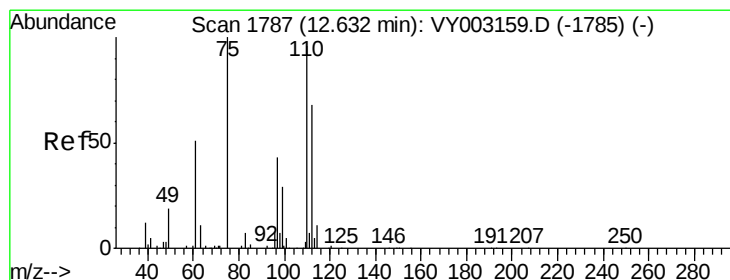
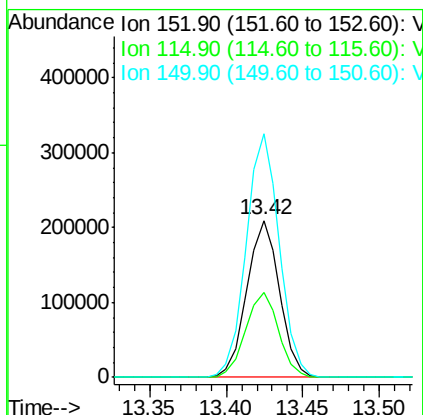
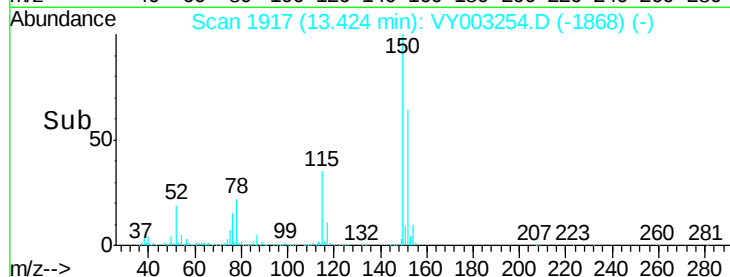
150 156.2 0.0 338.0



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: 43.672 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003254.D

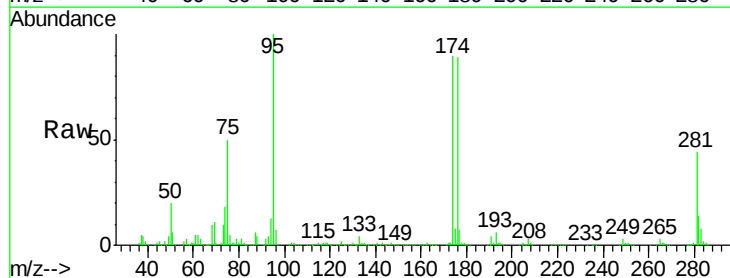
Acq: 21 Jul 2020 17:18

Tgt Ion: 75 Resp: 120609

Ion Ratio Lower Upper

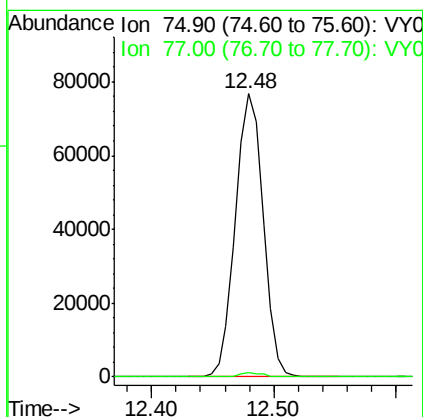
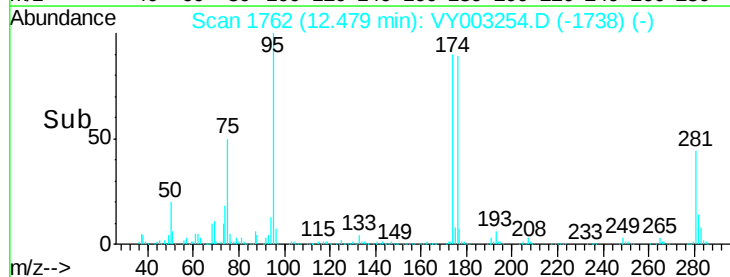
75 100

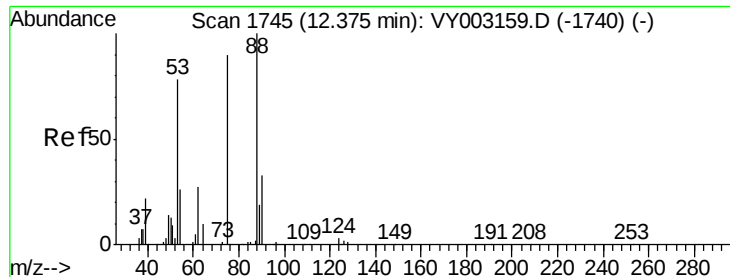
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 84.994 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003254.D

Acq: 21 Jul 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBL01

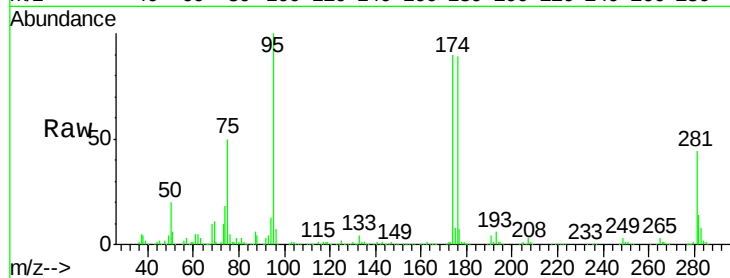
Tot Ion: 75 Resp: 120609

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.8 37.3 55.9#



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

