

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003285.D
 Acq On : 22 Jul 2020 13:57
 Operator : SY/MD
 Sample : L3344-06RE
 Misc : 7.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

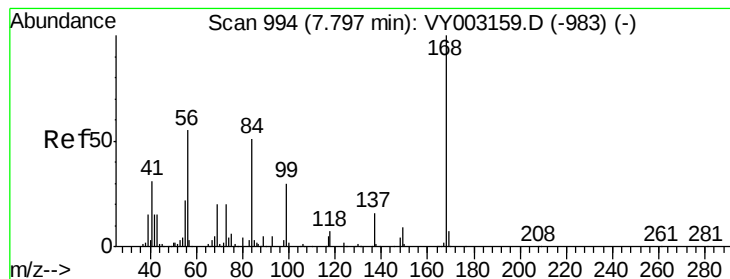
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-S2RE

Quant Time: Jul 23 05:42:41 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	393317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	616527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	577410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	294467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	204302	61.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.08%	
35) Dibromofluoromethane	7.72	113	196128	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
50) Toluene-d8	10.18	98	755719	57.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.58%	
62) 4-Bromofluorobenzene	12.48	95	244817	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	4019	5.420	ug/l #	83
18) Methyl Acetate	4.49	43	5741	2.788	ug/l	95
20) Methylene Chloride	4.72	84	38264	5.348	ug/l	94
31) Cyclohexane	7.80	56	7244	1.200	ug/l #	8
36) 1,1-Dichloropropene	7.79	75	26866	4.808	ug/l #	50
38) Carbon Tetrachloride	7.79	117	35883	6.220	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	3290	1.087	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	126593	48.567	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	126593	94.522	ug/l #	13

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

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ALS Vial : 9 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003285.D

Acq: 22 Jul 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

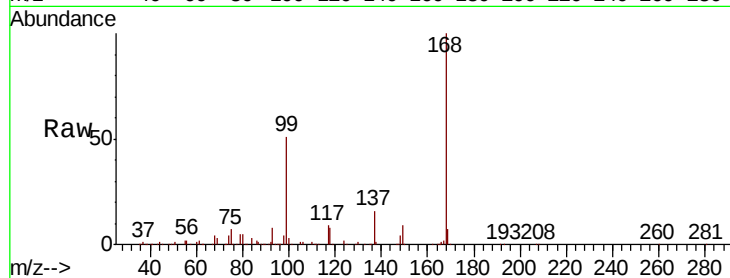
TP-14-S2RE

Tot Ion:168 Resp: 393317

Ion Ratio Lower Upper

168 100

99 50.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003285.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003285.D (-945) (-)

7.80

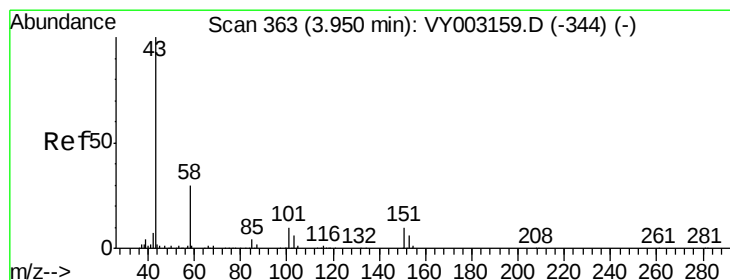
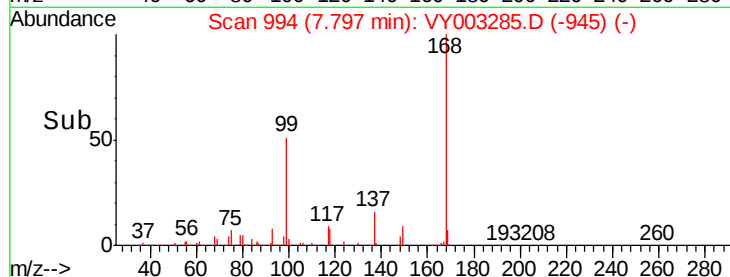
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.420 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003285.D

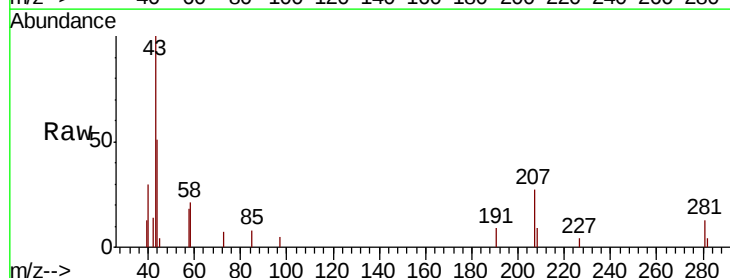
Acq: 22 Jul 2020 13:57

Tgt Ion: 43 Resp: 4019

Ion Ratio Lower Upper

43 100

58 38.9 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003285.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003285.D (-314) (-)

3.95

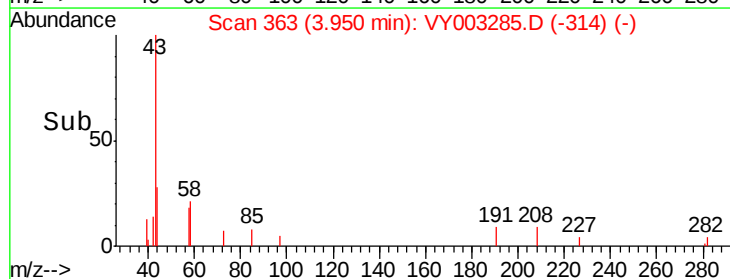
1500

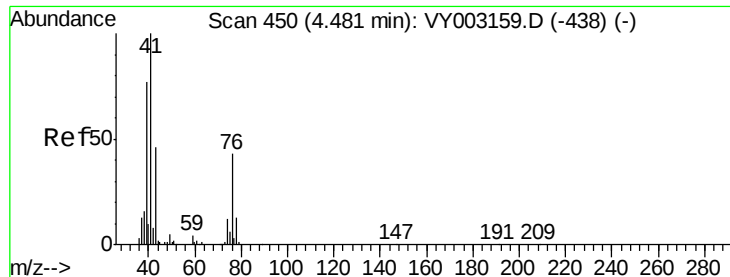
1000

500

0

Time-->





#18

Methyl Acetate

Concen: 2.788 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003285.D

Acq: 22 Jul 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

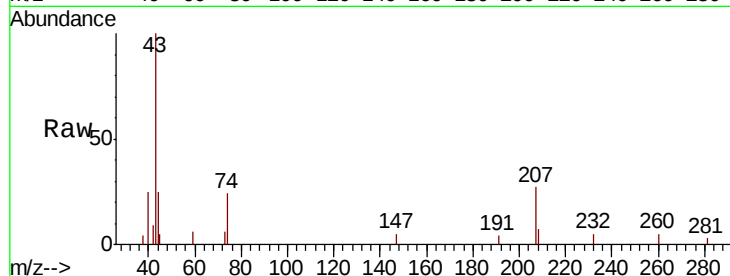
TP-14-S2RE

Tot Ion: 43 Resp: 5741

Ion Ratio Lower Upper

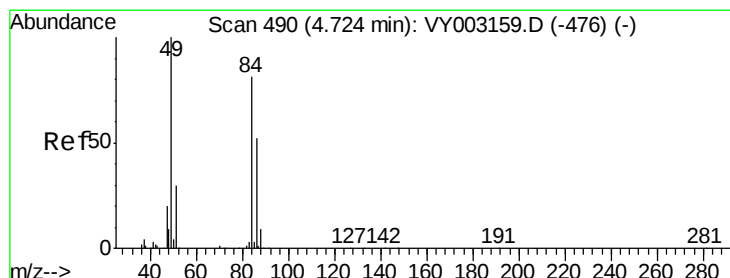
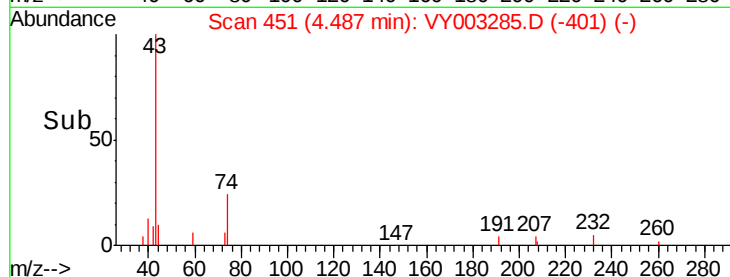
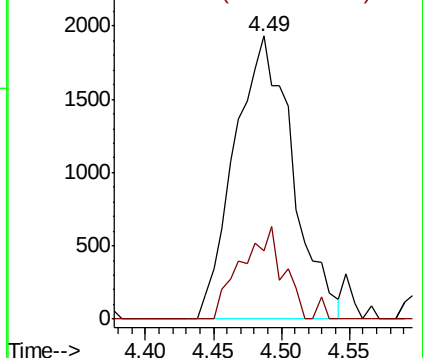
43 100

74 23.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



#20

Methylene Chloride

Concen: 5.348 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY003285.D

Acq: 22 Jul 2020 13:57

Tgt Ion: 84 Resp: 38264

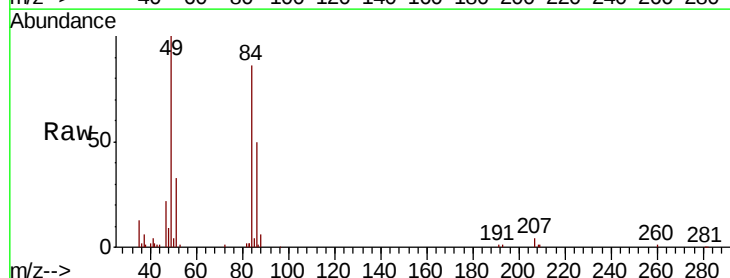
Ion Ratio Lower Upper

84 100

49 115.7 98.2 147.4

51 38.2 29.8 44.6

86 57.5 51.2 76.8

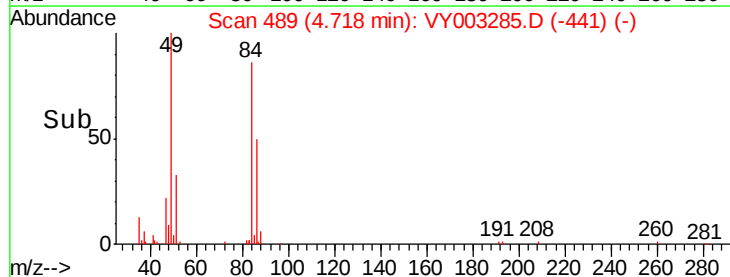
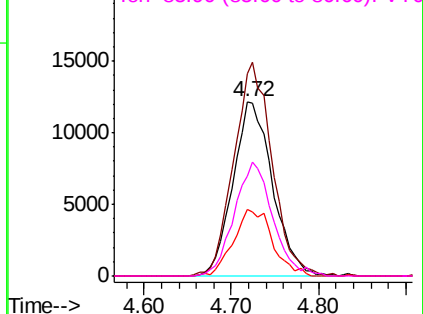


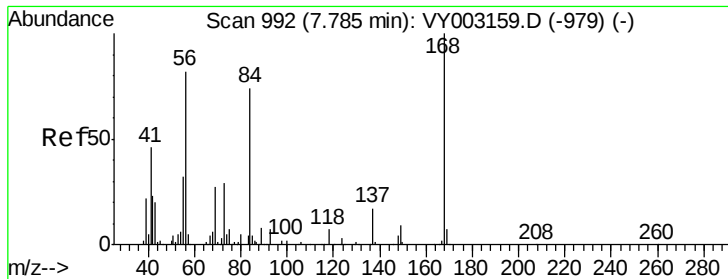
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

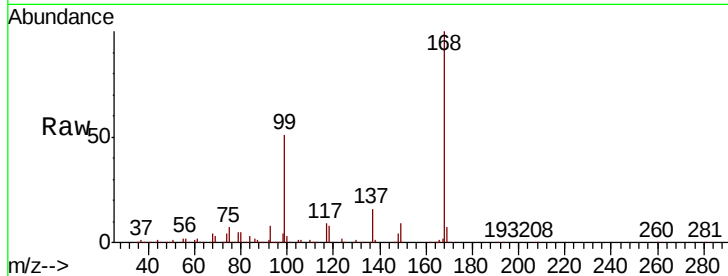




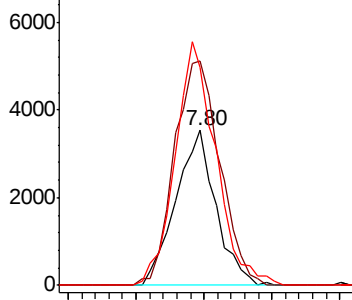
#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003285.D
Acq: 22 Jul 2020 13:57

Instrument :
MSVOA_Y
ClientSampleId :
TP-14-S2RE

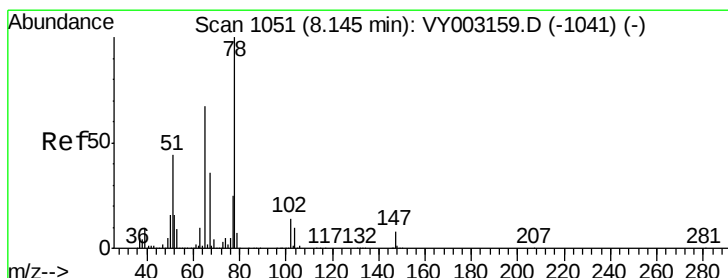
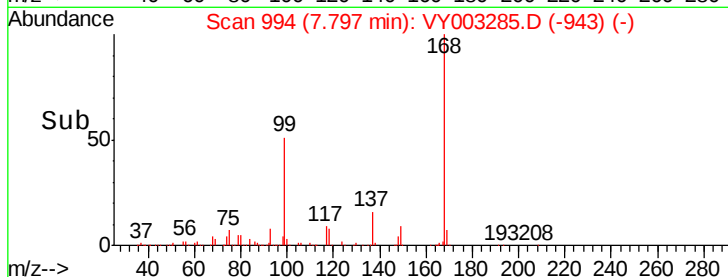
Tot Ion: 56 Resp: 7244
Ion Ratio Lower Upper
56 100
69 144.6 26.7 40.1#
84 141.0 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

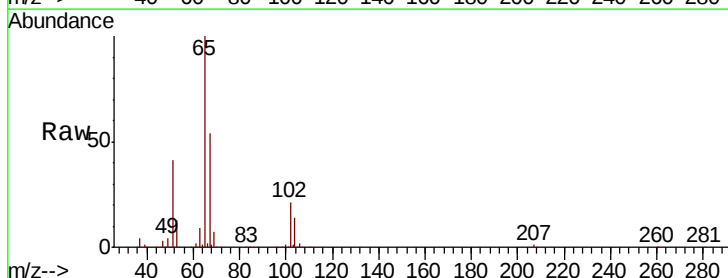


Time-->

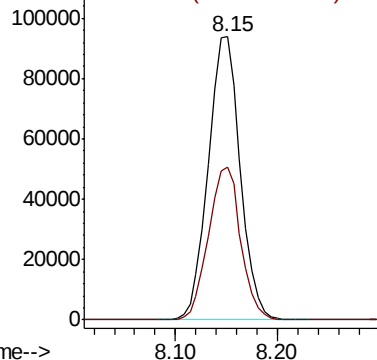


#33
1,2-Dichloroethane-d4
Concen: 61.542 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003285.D
Acq: 22 Jul 2020 13:57

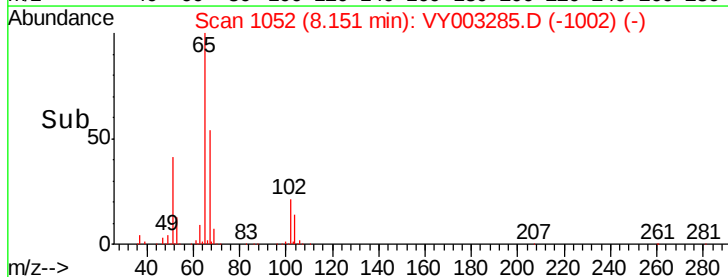
Tgt Ion: 65 Resp: 204302
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.2

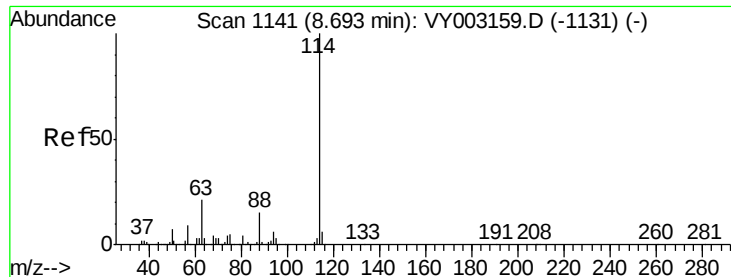


Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0



Time-->

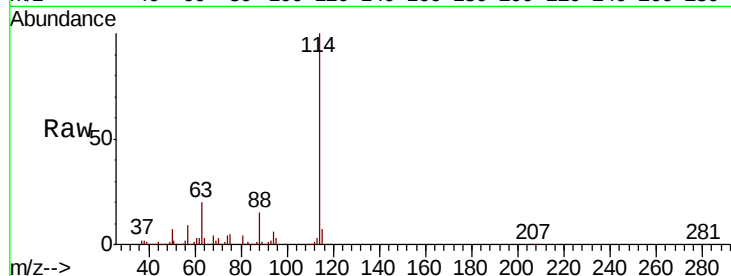




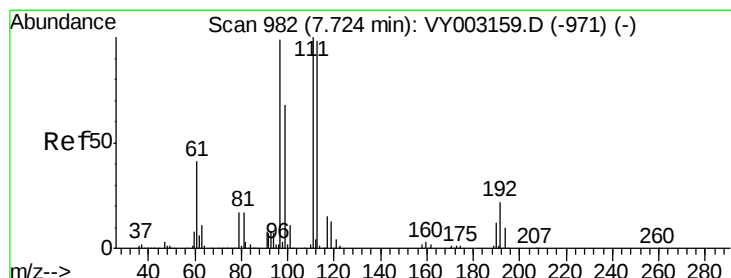
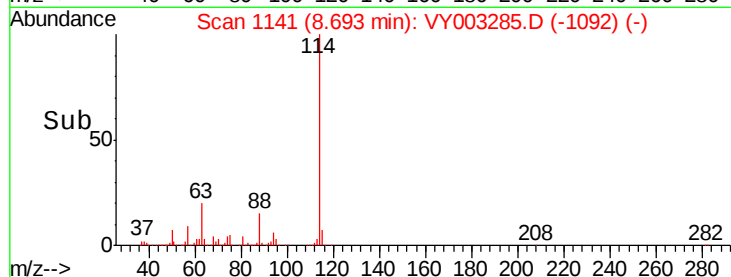
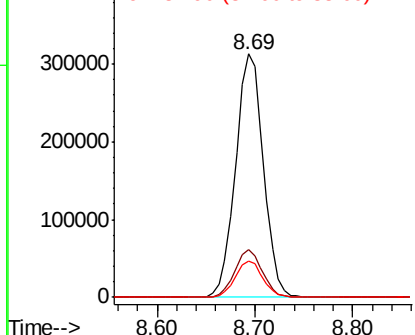
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003285.D
 Acq: 22 Jul 2020 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-S2RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.2
88	14.7	0.0	30.2

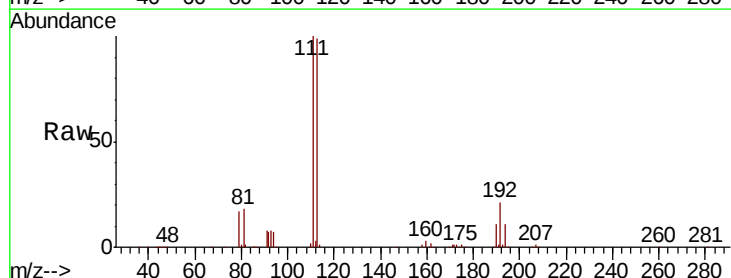


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

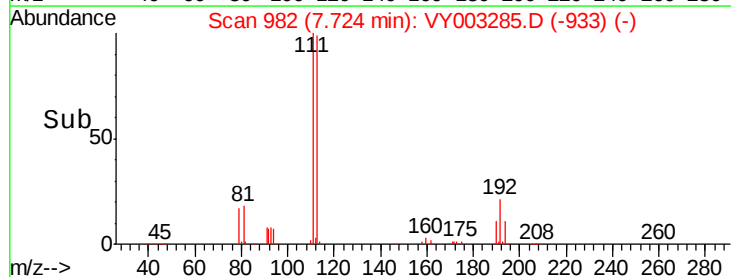
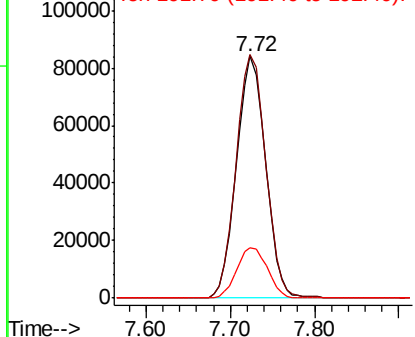


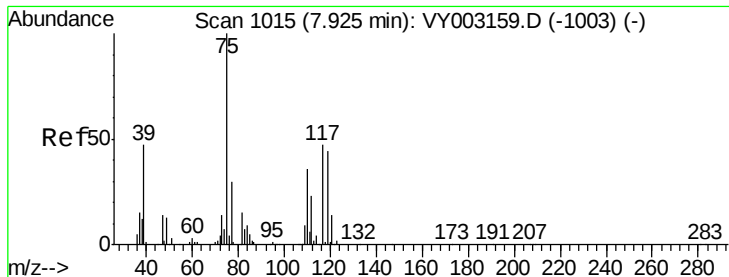
#35
 Dibromofluoromethane
 Concen: 55.279 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003285.D
 Acq: 22 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	22.1	18.8	28.2



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

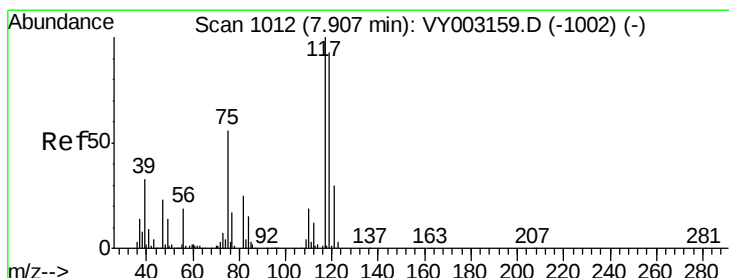
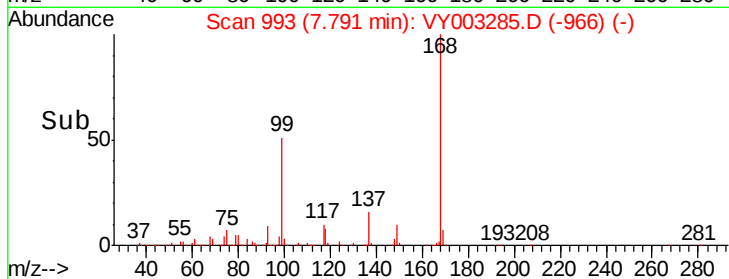
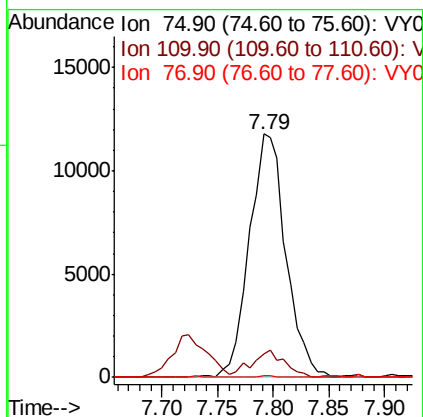
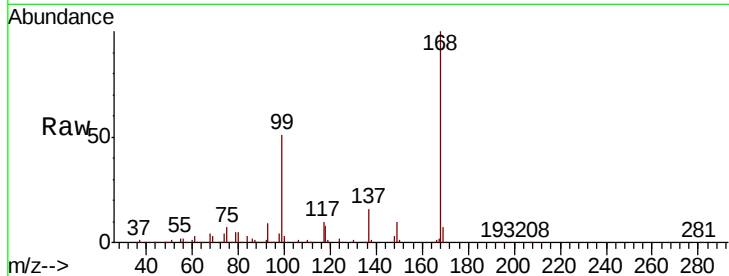




#36
 1,1-Dichloropropene
 Concen: 4.808 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003285.D
 Acq: 22 Jul 2020 13:57

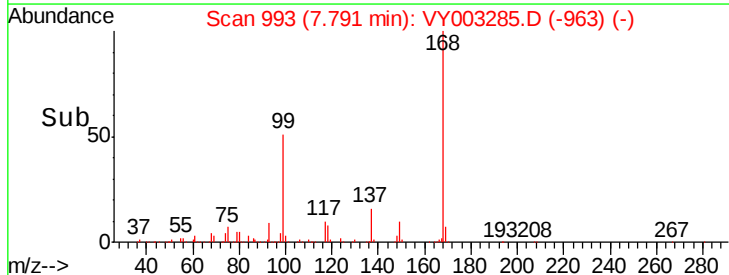
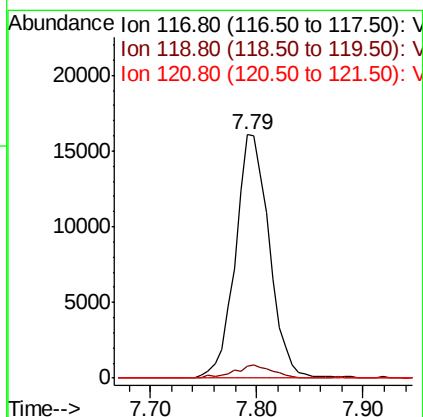
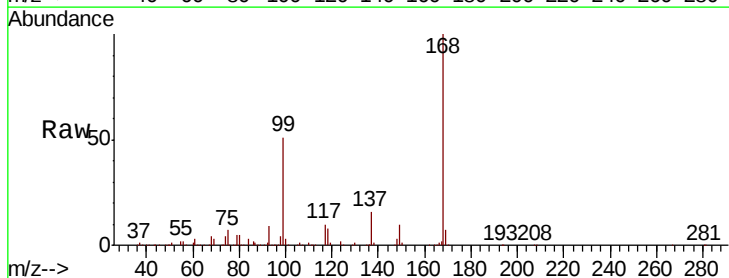
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-S2RE

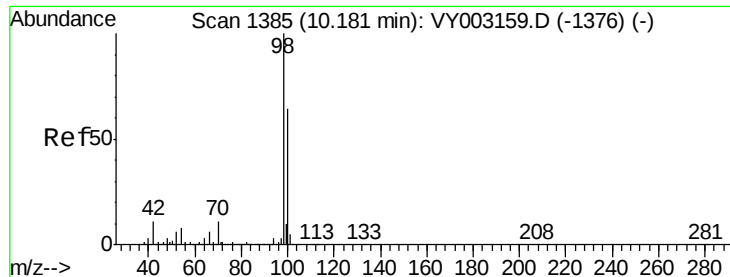
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.3	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.220 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003285.D
 Acq: 22 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 57.292 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003285.D

Acq: 22 Jul 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

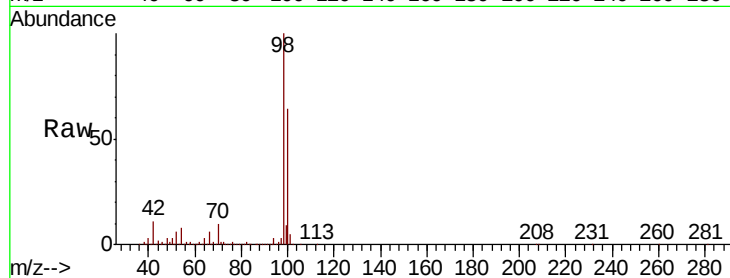
TP-14-S2RE

Tot Ion: 98 Resp: 755719

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY003159.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY003159.D (-1376) (-)

10.18

500000

400000

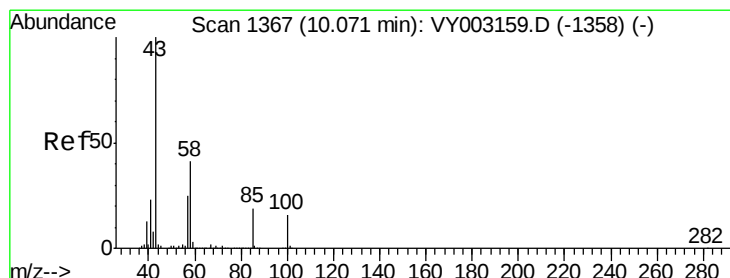
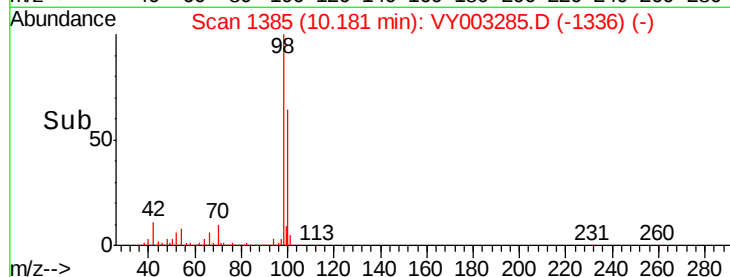
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.087 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003285.D

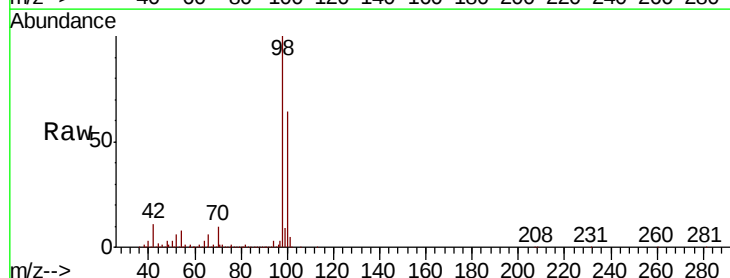
Acq: 22 Jul 2020 13:57

Tgt Ion: 43 Resp: 3290

Ion Ratio Lower Upper

43 100

58 195.1 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-1358) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-1358) (-)

4000

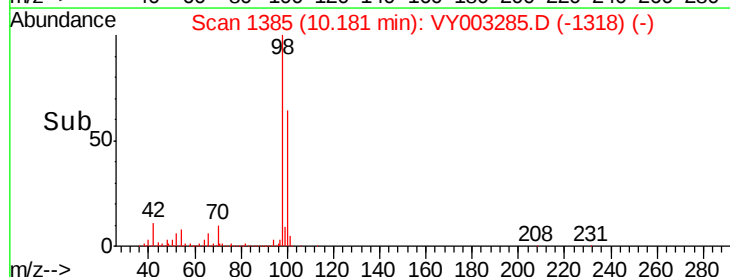
3000

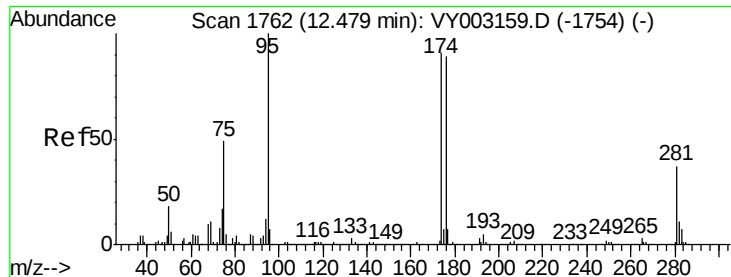
2000

1000

0

Time-->

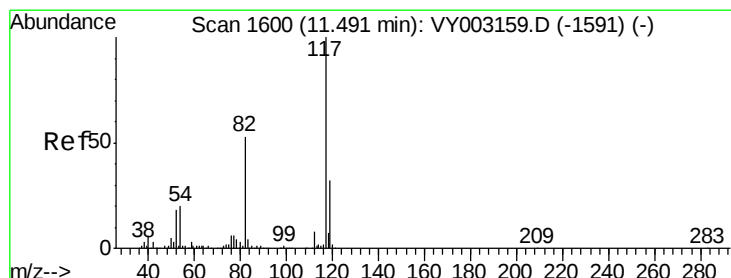
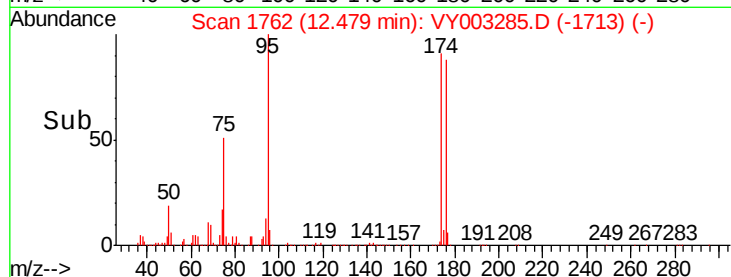
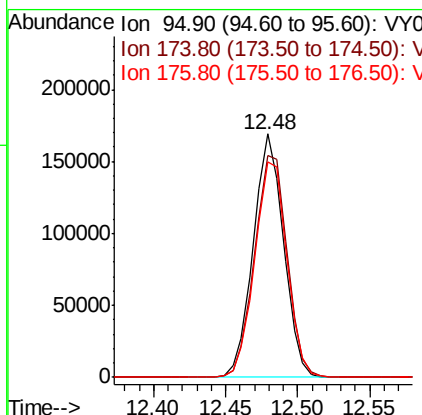
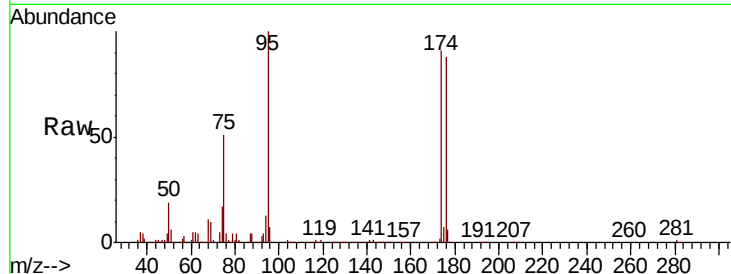




#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003285.D
Acq: 22 Jul 2020 13:57

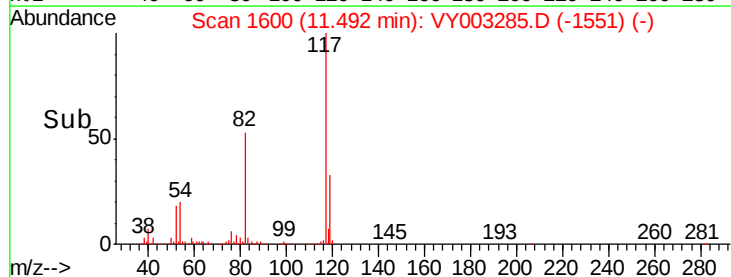
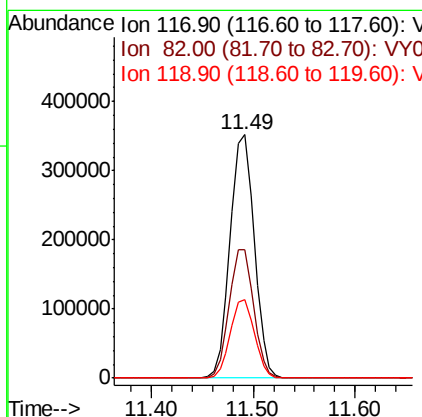
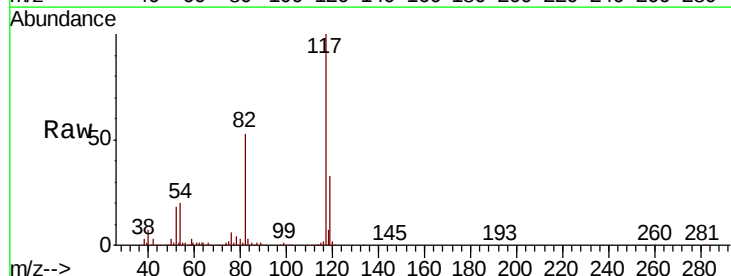
Instrument :
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ClientSampleId :
TP-14-S2RE

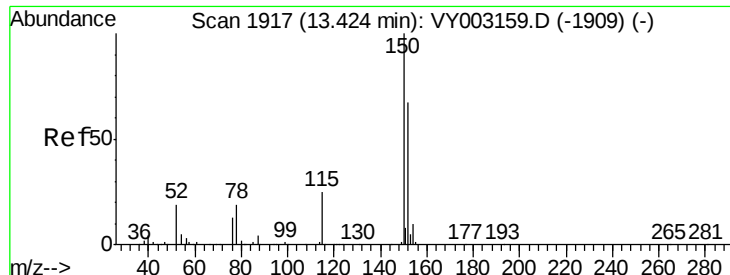
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	190.6
176	94.2	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003285.D
Acq: 22 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.0	63.0
119	32.5	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003285.D

Acq: 22 Jul 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-S2RE

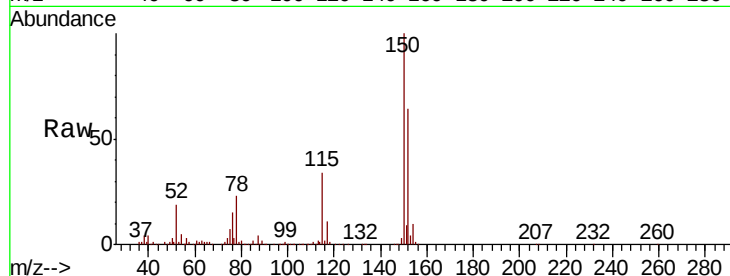
Tot Ion:152 Resp: 294467

Ion Ratio Lower Upper

152 100

115 54.9 26.9 80.7

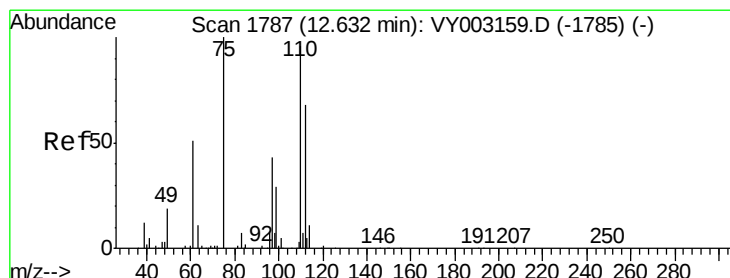
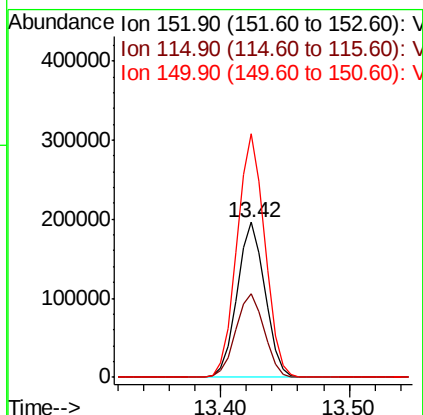
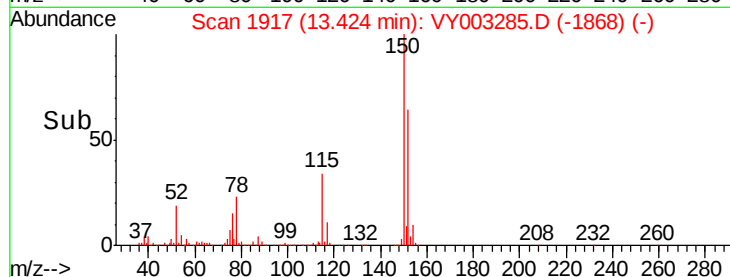
150 156.5 0.0 338.0



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: 48.567 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003285.D

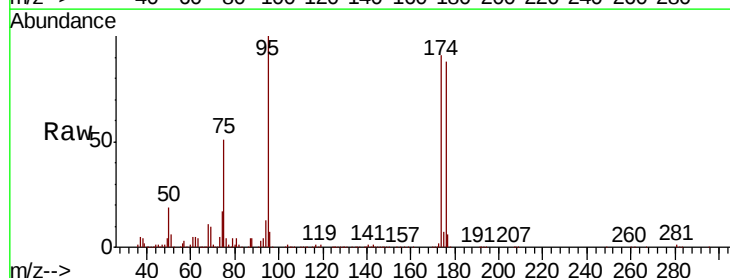
Acq: 22 Jul 2020 13:57

Tgt Ion: 75 Resp: 126593

Ion Ratio Lower Upper

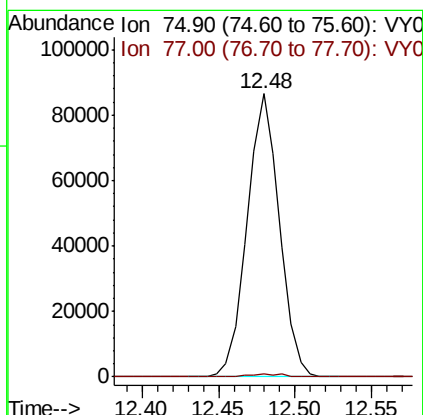
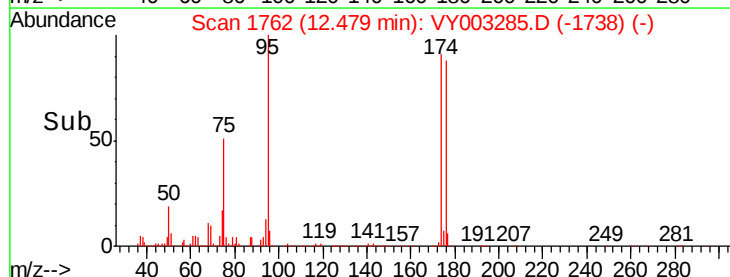
75 100

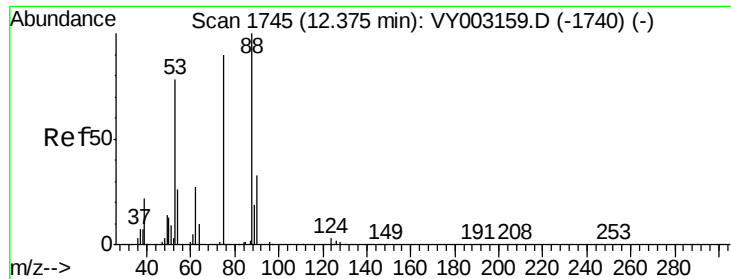
77 1.3 0.0 0.0#



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: 94.522 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003285.D

Acq: 22 Jul 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-14-S2RE

Tot Ion: 75 Resp: 126593

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 37.3 55.9#

